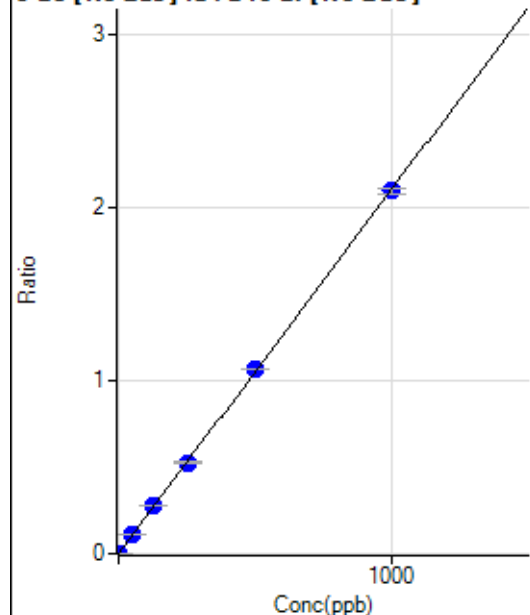


Batch Folder: D:\P8022819 MS.b\
Analysis File: P8022819 MS.batch.bin
DA Date-Time: 2019-03-01 00:13:31
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-02-28 14:16:41
2			
3	005CALS.d	S02	2019-02-28 14:24:16
4	006CALS.d	S03	2019-02-28 14:28:13
5	007CALS.d	S04	2019-02-28 14:32:10
6	008CALS.d	S05	2019-02-28 14:36:04
7	009CALS.d	S06	2019-02-28 14:39:52
8	010CALS.d	S07	2019-02-28 14:43:36
9	011CALS.d	S08	2019-02-28 14:47:11

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0002	P	31.5
2	☐	0.100					
3	☐	1.000	0.935	757.81	0.0021	P	2.1
4	☐	50.000	52.504	39890.98	0.1107	P	6.4
5	☐	125.000	130.826	104909.23	0.2756	P	0.1
6	☐	250.000	249.443	211294.75	0.5253	P	2.9
7	☐	500.000	505.592	428858.76	1.0646	P	0.3
8	☐	1000.000	996.490	877274.04	2.0982	P	1.3
9	☐			183.34	0.0004	P	12.7

$$y = 0.0021 * x + 1.5061E-004$$

$$R = 1.0000$$

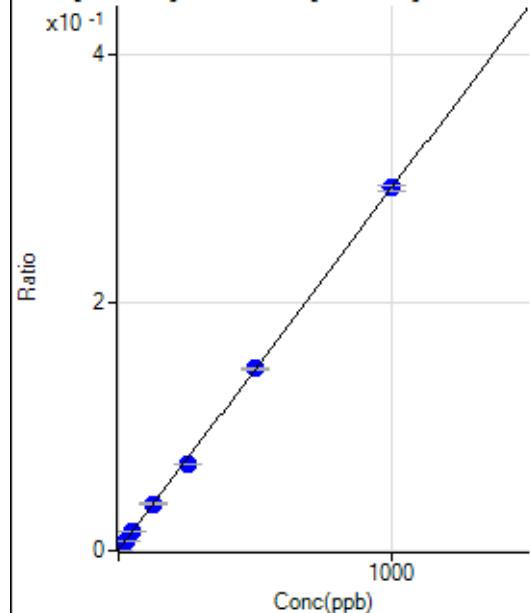
$$DL = 0.06762$$

$$BEC = 0.07154$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0003	P	44.7
2	☐	2.500					
3	☐	25.000	24.764	2694.82	0.0075	P	2.0
4	☐	50.000	52.197	5595.76	0.0155	P	8.7
5	☐	125.000	128.912	14432.81	0.0379	P	2.1
6	☐	250.000	239.535	28245.30	0.0702	P	0.3
7	☐	500.000	501.934	59095.02	0.1467	P	0.7
8	☐	1000.000	1001.056	122223.68	0.2923	P	1.3
9	☐			2758.73	0.0063	P	6.6

$$y = 2.9165E-004 * x + 3.1557E-004$$

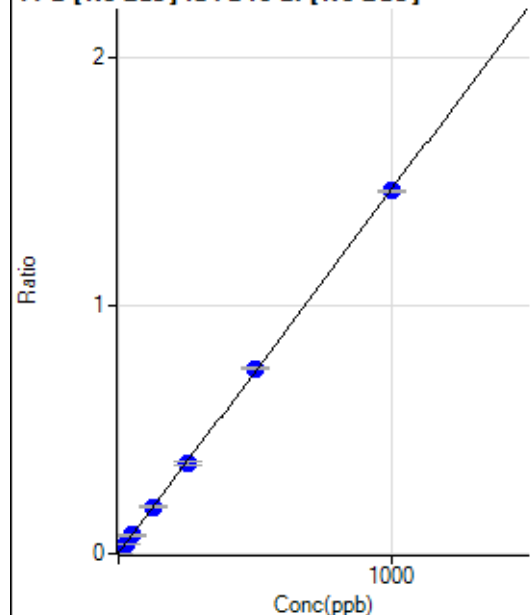
$$R = 0.9999$$

$$DL = 1.451$$

$$BEC = 1.082$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.26	0.0014	P	10.1
2	☐	2.500					
3	☐	25.000	24.758	13492.98	0.0377	P	2.7
4	☐	50.000	51.021	27471.78	0.0762	P	7.0
5	☐	125.000	127.758	71850.69	0.1888	P	1.5
6	☐	250.000	247.164	146337.46	0.3638	P	2.8
7	☐	500.000	508.008	300599.23	0.7462	P	1.2
8	☐	1000.000	996.315	611433.56	1.4622	P	0.8
9	☐			13910.13	0.0317	P	8.9

$$y = 0.0015 * x + 0.0014$$

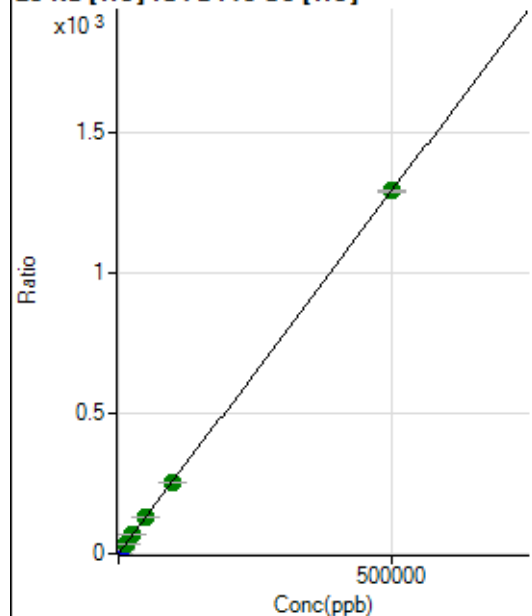
$$R = 0.9999$$

$$DL = 0.2972$$

$$BEC = 0.9853$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12906.36	0.3496	P	3.2
2	☐	50.000					
3	☐	500.000	457.750	57143.53	1.5304	P	1.2
4	☐	5000.000	5002.213	488691.51	13.2529	P	4.2
5	☐	12500.000	12743.655	1247809.40	33.2221	A	0.5
6	☐	25000.000	25957.372	2477945.82	67.3070	A	2.7
7	☐	50000.000	49634.904	4883317.47	128.3836	A	0.7
8	☐	100000.00	98135.994	9653007.59	253.4928	A	1.1
9	☐	500000.00	500355.37	48380426.78	1,291.023	A	0.2

$$y = 0.0026 * x + 0.3496$$

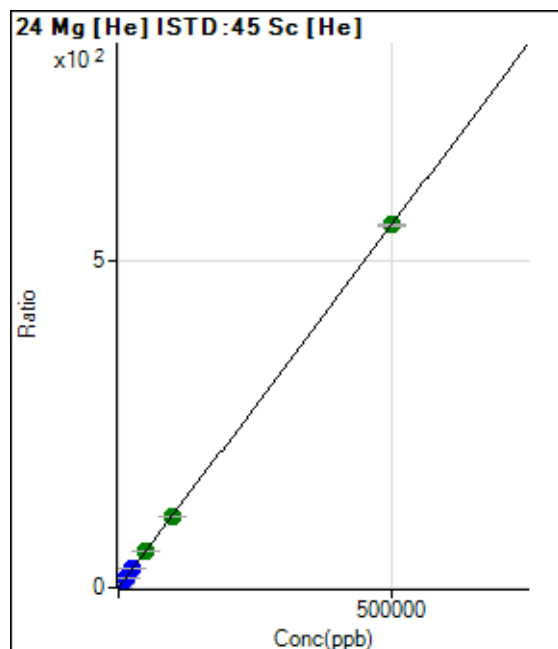
$$R = 1.0000$$

$$DL = 13.02$$

$$BEC = 135.5$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	566.71	0.0154	P	13.3
2	☐	50.000					
3	☐	500.000	492.121	20985.73	0.5620	P	2.9
4	☐	5000.000	5070.370	208251.81	5.6478	P	4.3
5	☐	12500.000	12546.965	524062.17	13.9531	P	1.0
6	☐	25000.000	25944.053	1061579.48	28.8352	P	2.7
7	☐	50000.000	50702.650	2142979.87	56.3382	A	1.3
8	☐	100000.00	98598.171	4171545.93	109.5428	A	0.7
9	☐	500000.00	500161.02	20821335.88	555.6178	A	0.8

$$y = 0.0011 * x + 0.0154$$

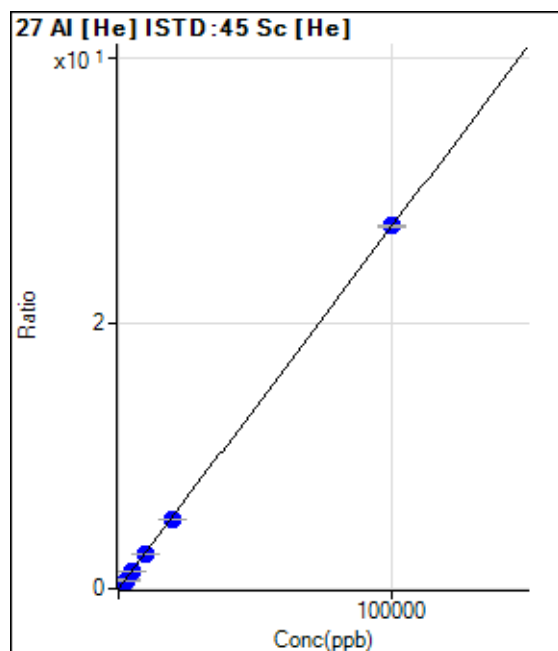
$$R = 1.0000$$

$$DL = 5.528$$

$$BEC = 13.83$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.52	0.0017	P	11.1
2	☐	2.000					
3	☐	20.000	16.490	230.89	0.0062	P	3.6
4	☐	1000.000	971.691	9824.29	0.2663	P	2.6
5	☐	2500.000	2372.371	24331.13	0.6477	P	1.7
6	☐	5000.000	4937.108	49564.87	1.3462	P	2.1
7	☐	10000.000	9516.889	98635.86	2.5933	P	1.5
8	☐	20000.000	18994.052	197032.54	5.1742	P	1.1
9	☐	100000.00	100256.12	1023186.35	27.3036	P	0.3

$$y = 2.7232E-004 * x + 0.0017$$

$$R = 0.9999$$

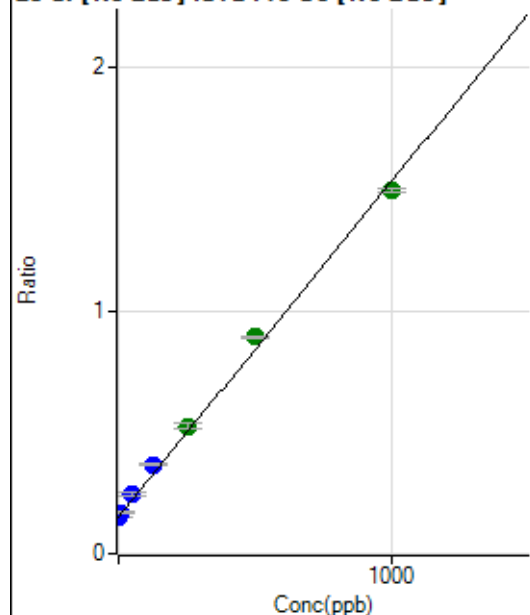
$$DL = 2.065$$

$$BEC = 6.221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	342965.52	0.1518	P	1.6
2	☐	1.000					
3	☐	10.000	13.154	373755.84	0.1700	P	1.0
4	☐	50.000	66.260	535535.64	0.2433	P	7.5
5	☐	125.000	156.483	837455.73	0.3678	P	1.3
6	☐	250.000	271.217	1237878.58	0.5262	A	4.2
7	☐	500.000	536.214	2045297.77	0.8921	A	0.4
8	☐	1000.000	971.809	3471431.72	1.4934	A	0.9
9	☐			506573.36	0.2215	P	4.4

$$y = 0.0014 * x + 0.1518$$

$$R = 0.9985$$

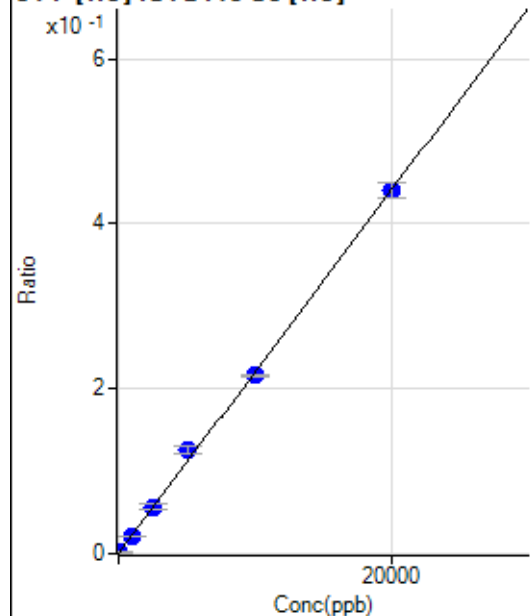
$$DL = 5.334$$

$$BEC = 110$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-27.096	11.11	0.0003	P	114.2
2	☐	0.000					
3	☐	0.000	27.096	55.56	0.0015	P	48.7
4	☐	1000.000	944.605	800.07	0.0217	P	3.6
5	☐	2500.000	2538.805	2130.82	0.0568	P	10.7
6	☐	5000.000	5655.473	4609.29	0.1253	P	8.1
7	☐	10000.000	9776.665	8216.65	0.2160	P	1.2
8	☐	20000.000	19945.719	16743.93	0.4398	P	4.2
9	☐			25.00	0.0007	P	33.2

$$y = 2.2003E-005 * x + 8.9604E-004$$

$$R = 0.9993$$

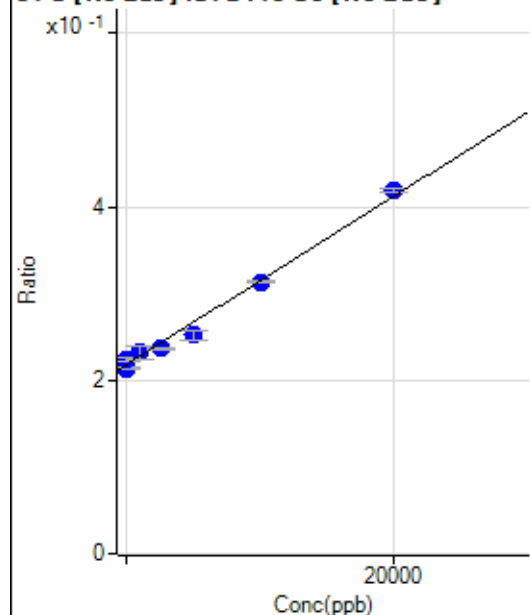
$$DL = 72.91$$

$$BEC = 40.72$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-502.229	483051.52	0.2138	P	0.6
2	☐	0.000					
3	☐	0.000	502.229	491549.50	0.2235	P	1.4
4	☐	1000.000	1361.850	510649.26	0.2319	P	6.6
5	☐	2500.000	1833.039	538330.06	0.2364	P	0.7
6	☐	5000.000	3458.253	593331.65	0.2522	P	3.9
7	☐	10000.000	9725.626	717670.19	0.3130	P	0.8
8	☐	20000.000	20587.901	972572.14	0.4184	P	1.1
9	☐			489993.89	0.2142	P	3.4

$$y = 9.7029\text{E-}006 * x + 0.2187$$

$$R = 0.9951$$

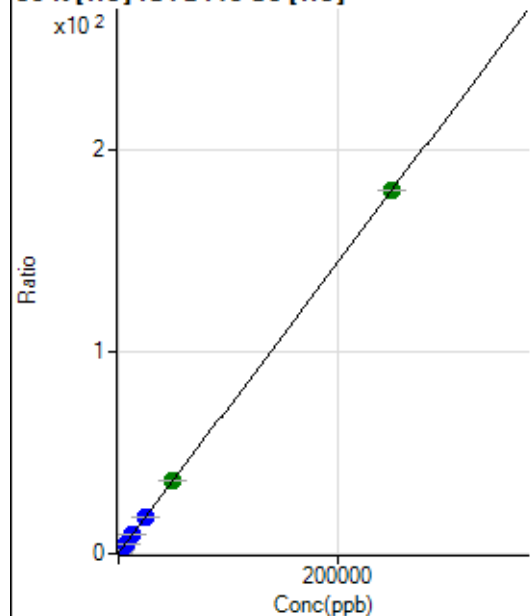
$$DL = 704.2$$

$$BEC = 2.254\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7085.49	0.1919	P	2.8
2	☐	50.000					
3	☐	500.000	464.958	19650.51	0.5262	P	2.0
4	☐	2500.000	2516.832	73799.58	2.0011	P	3.6
5	☐	6250.000	6240.893	175711.82	4.6780	P	0.5
6	☐	12500.000	13009.063	351364.74	9.5432	P	2.2
7	☐	25000.000	24794.063	685252.89	18.0145	P	0.6
8	☐	50000.000	50262.852	1383229.10	36.3220	A	0.4
9	☐	250000.00	249942.70	6740035.09	179.8565	A	0.2

$$y = 7.1882\text{E-}004 * x + 0.1919$$

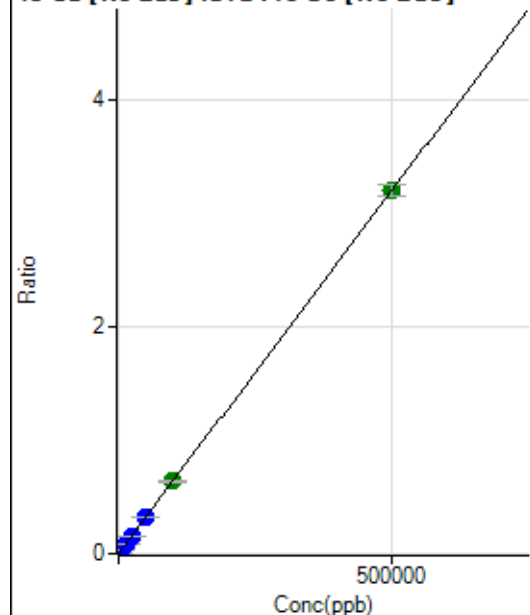
$$R = 1.0000$$

$$DL = 22.6$$

$$BEC = 267$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	315.57	0.0001	P	14.3
2	☐	50.000					
3	☐	500.000	472.853	6950.73	0.0032	P	3.7
4	☐	5000.000	4988.661	70492.09	0.0320	P	6.5
5	☐	12500.000	12376.807	180328.16	0.0792	P	0.5
6	☐	25000.000	24001.722	361005.08	0.1535	P	4.0
7	☐	50000.000	49666.414	727696.94	0.3174	P	1.3
8	☐	100000.00	99707.000	1480792.70	0.6371	A	0.9
9	☐	500000.00	500145.09	7308146.97	3.1950	A	3.1

$$y = 6.3879\text{E-}006 * x + 1.3951\text{E-}004$$

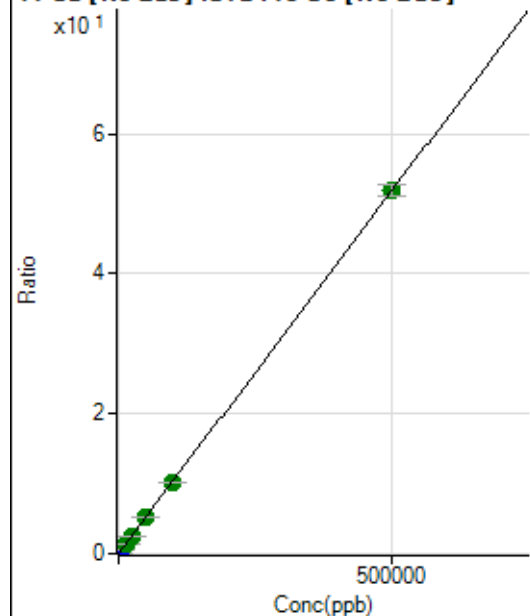
$$R = 1.0000$$

$$DL = 9.377$$

$$BEC = 21.84$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40743.47	0.0180	P	0.7
2	☐	50.000					
3	☐	500.000	474.614	147633.06	0.0671	P	1.8
4	☐	5000.000	4978.168	1173575.68	0.5331	P	7.4
5	☐	12500.000	12527.937	2992153.57	1.3142	A	0.8
6	☐	25000.000	23849.756	5845801.86	2.4856	A	4.8
7	☐	50000.000	49309.041	11737742.60	5.1196	A	0.9
8	☐	100000.00	97526.398	23495945.20	10.1082	A	1.0
9	☐	500000.00	500620.87	118508594.9	51.8129	A	3.3

$$y = 1.0346\text{E-}004 * x + 0.0180$$

$$R = 1.0000$$

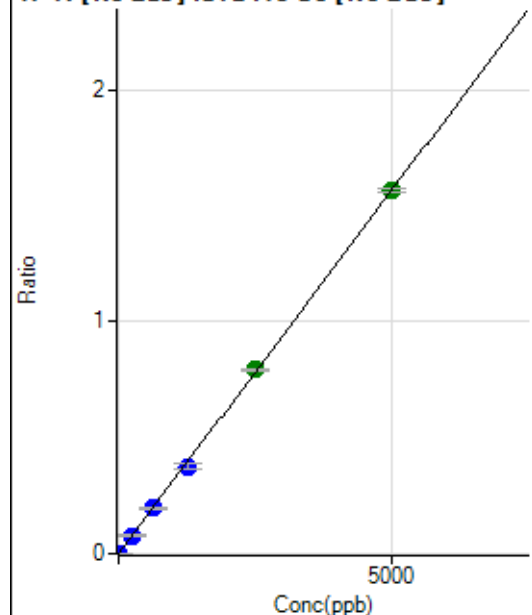
$$DL = 3.865$$

$$BEC = 174.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0001	P	34.7
2	☐	0.500					
3	☐	5.000	4.669	3345.00	0.0015	P	7.0
4	☐	250.000	248.576	171231.93	0.0778	P	7.8
5	☐	625.000	622.739	443494.98	0.1948	P	0.8
6	☐	1250.000	1202.622	884562.92	0.3761	P	4.9
7	☐	2500.000	2529.854	1813882.46	0.7911	A	0.1
8	☐	5000.000	4997.271	3632382.63	1.5627	A	0.9
9	☐			722.27	0.0003	P	1.0

$$y = 3.1270\text{E-}004 * x + 6.0246\text{E-}005$$

$$R = 0.9999$$

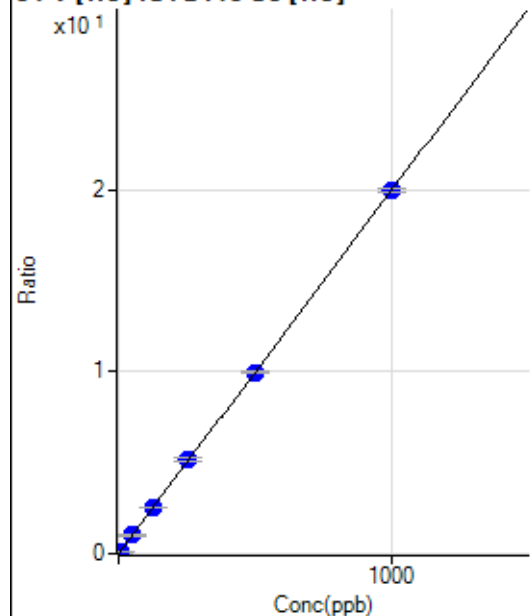
$$DL = 0.2004$$

$$BEC = 0.1927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0006	P	46.3
2	☐	0.500					
3	☐	5.000	4.810	3609.42	0.0967	P	1.8
4	☐	50.000	50.452	37182.73	1.0083	P	4.1
5	☐	125.000	125.780	94384.06	2.5129	P	1.0
6	☐	250.000	257.463	189312.86	5.1432	P	3.7
7	☐	500.000	498.744	378926.67	9.9626	P	1.3
8	☐	1000.000	998.643	759619.52	19.9477	P	0.9
9	☐			126.67	0.0034	P	11.4

$$y = 0.0200 * x + 6.0278\text{E-}004$$

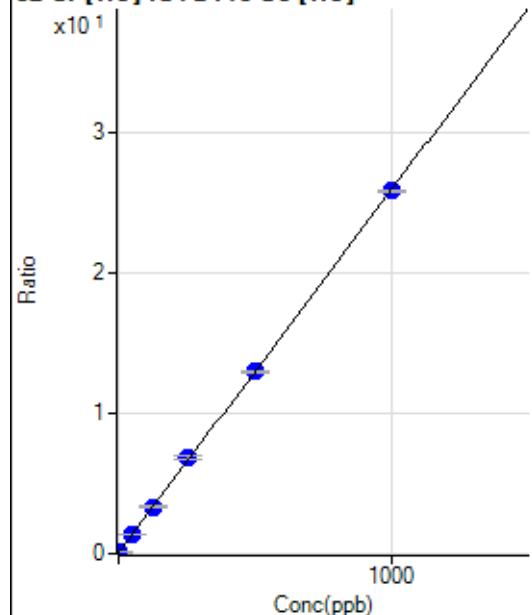
$$R = 1.0000$$

$$DL = 0.04187$$

$$BEC = 0.03018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2145.76	0.0581	P	7.0
2	☐	0.200					
3	☐	2.000	1.802	3910.62	0.1048	P	5.9
4	☐	50.000	50.769	50583.44	1.3722	P	5.3
5	☐	125.000	127.328	125966.48	3.3538	P	0.8
6	☐	250.000	261.662	251438.35	6.8309	P	3.6
7	☐	500.000	500.089	494561.31	13.0023	P	0.9
8	☐	1000.000	996.711	984656.65	25.8568	P	0.8
9	☐			8452.68	0.2256	P	0.7

$$y = 0.0259 * x + 0.0581$$

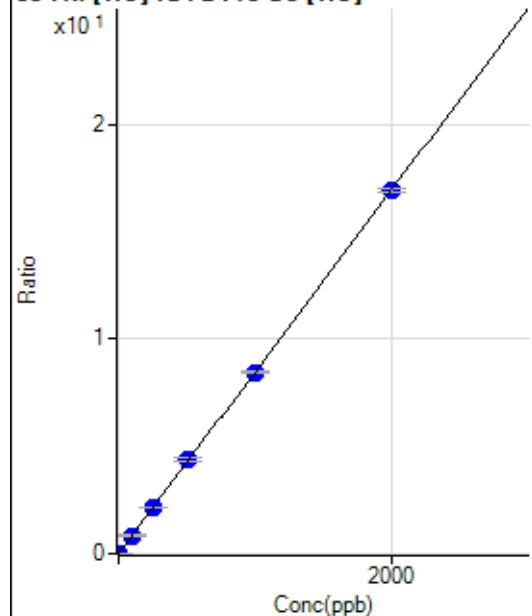
$$R = 0.9999$$

$$DL = 0.4688$$

$$BEC = 2.245$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0029	P	13.1
2	☐	0.100					
3	☐	1.000	0.997	422.24	0.0113	P	14.1
4	☐	100.000	99.844	31280.75	0.8484	P	4.4
5	☐	250.000	252.837	80522.80	2.1439	P	1.0
6	☐	500.000	519.326	162018.78	4.4006	P	2.6
7	☐	1000.000	998.966	321860.57	8.4622	P	1.3
8	☐	2000.000	1995.338	643541.10	16.8996	P	1.0
9	☐			2433.59	0.0649	P	3.6

$$y = 0.0085 * x + 0.0029$$

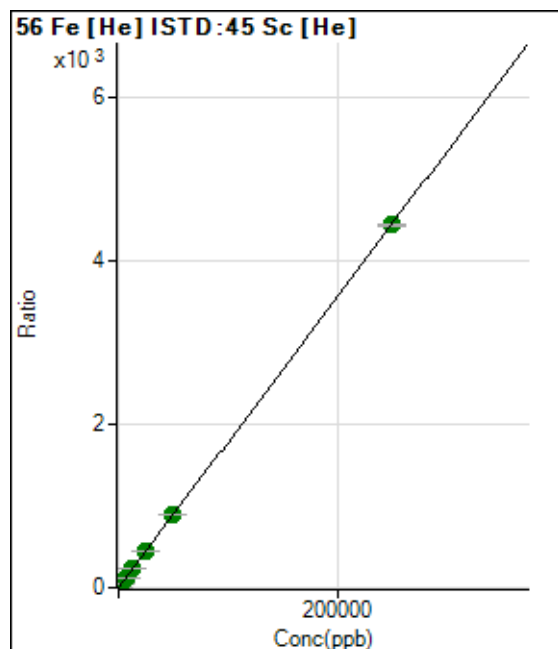
$$R = 0.9999$$

$$DL = 0.1332$$

$$BEC = 0.3376$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4550.86	0.1233	P	4.2
2	☐	5.000					
3	☐	50.000	50.568	38163.89	1.0221	P	1.2
4	☐	2500.000	2601.990	1709456.68	46.3717	A	5.2
5	☐	6250.000	6456.023	4314550.04	114.8741	A	1.2
6	☐	12500.000	13130.039	8596355.57	233.4997	A	2.7
7	☐	25000.000	25054.575	16942929.66	445.4492	A	1.1
8	☐	50000.000	50354.858	34087475.30	895.1424	A	1.0
9	☐	250000.00	249885.89	166448861.1	4,441.654	A	0.4

$$y = 0.0178 * x + 0.1233$$

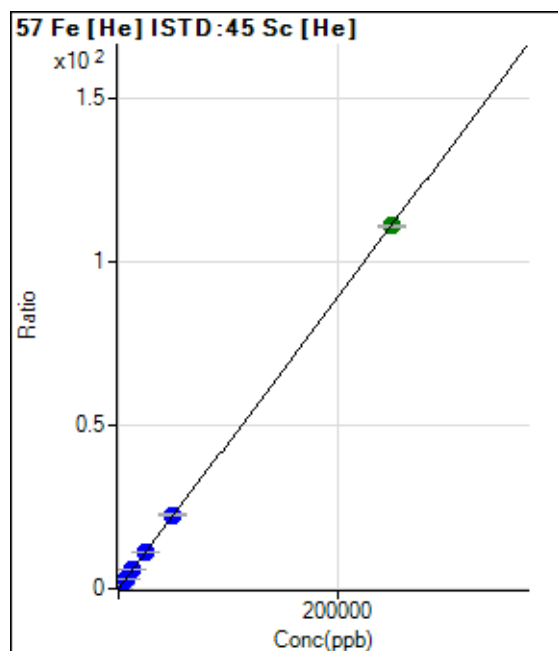
$$R = 1.0000$$

$$DL = 0.8712$$

$$BEC = 6.935$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.15	0.0040	P	24.7
2	☐	5.000					
3	☐	50.000	49.669	974.14	0.0261	P	3.1
4	☐	2500.000	2567.021	42216.24	1.1451	P	5.1
5	☐	6250.000	6431.529	107527.02	2.8628	P	0.7
6	☐	12500.000	13231.242	216675.29	5.8853	P	2.7
7	☐	25000.000	25343.780	428632.53	11.2694	P	1.2
8	☐	50000.000	50739.639	858986.87	22.5579	P	1.4
9	☐	250000.00	249775.92	4160795.20	111.0299	A	0.4

$$y = 4.4450E-004 * x + 0.0040$$

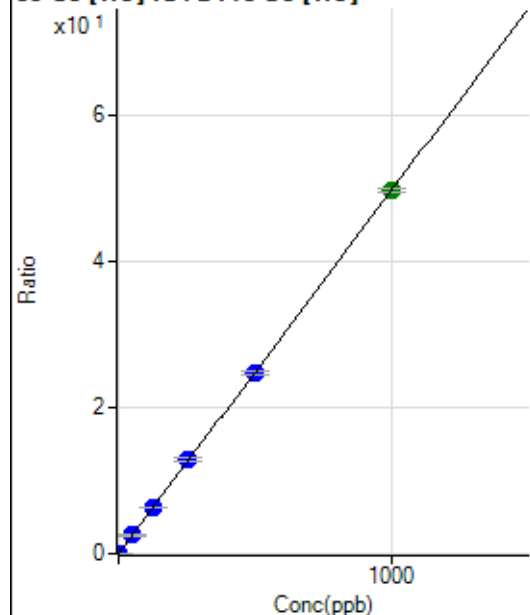
$$R = 1.0000$$

$$DL = 6.69$$

$$BEC = 9.023$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0029	P	19.0
2	☐	0.100					
3	☐	1.000	0.939	1853.49	0.0497	P	9.6
4	☐	50.000	50.812	93466.30	2.5348	P	4.4
5	☐	125.000	126.587	237023.54	6.3106	P	0.5
6	☐	250.000	260.109	477219.78	12.9639	P	3.2
7	☐	500.000	497.566	943134.33	24.7962	P	1.2
8	☐	1000.000	998.451	1894647.56	49.7550	A	1.2
9	☐			21292.00	0.5682	P	0.7

$$y = 0.0498 * x + 0.0029$$

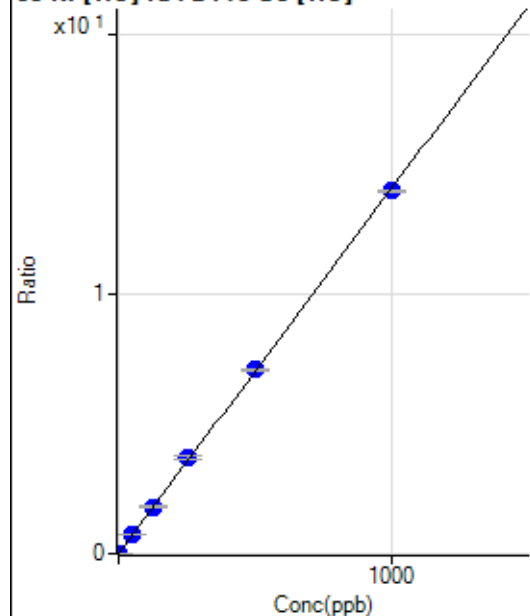
$$R = 0.9999$$

$$DL = 0.03272$$

$$BEC = 0.05742$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0029	P	6.1
2	☐	0.100					
3	☐	1.000	0.951	606.69	0.0162	P	12.0
4	☐	50.000	51.662	26900.63	0.7297	P	5.6
5	☐	125.000	128.626	68079.09	1.8126	P	1.0
6	☐	250.000	264.017	136854.61	3.7175	P	3.1
7	☐	500.000	504.461	270068.35	7.1006	P	1.4
8	☐	1000.000	993.729	532553.55	13.9845	P	0.5
9	☐			6673.94	0.1781	P	3.1

$$y = 0.0141 * x + 0.0029$$

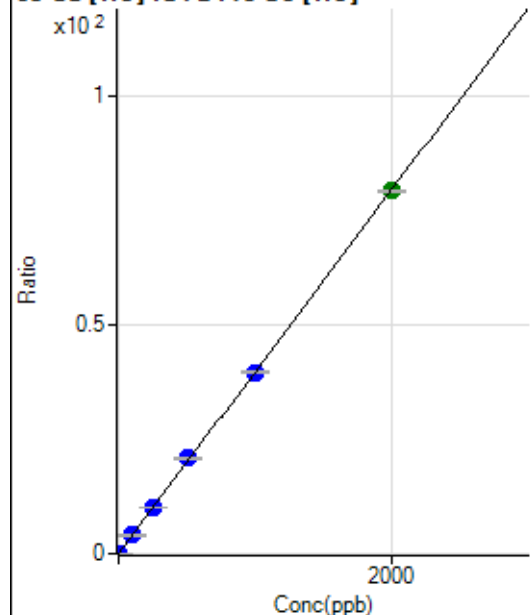
$$R = 0.9999$$

$$DL = 0.03695$$

$$BEC = 0.2032$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	417.79	0.0113	P	4.3
2	☐	0.200					
3	☐	2.000	1.973	3344.90	0.0896	P	1.7
4	☐	100.000	101.714	149189.24	4.0463	P	4.5
5	☐	250.000	254.123	379051.37	10.0924	P	1.2
6	☐	500.000	523.576	765020.21	20.7815	P	3.1
7	☐	1000.000	996.602	1504191.26	39.5464	P	1.0
8	☐	2000.000	1995.204	3014632.45	79.1608	A	0.5
9	☐			18158.75	0.4846	P	1.7

$$y = 0.0397 * x + 0.0113$$

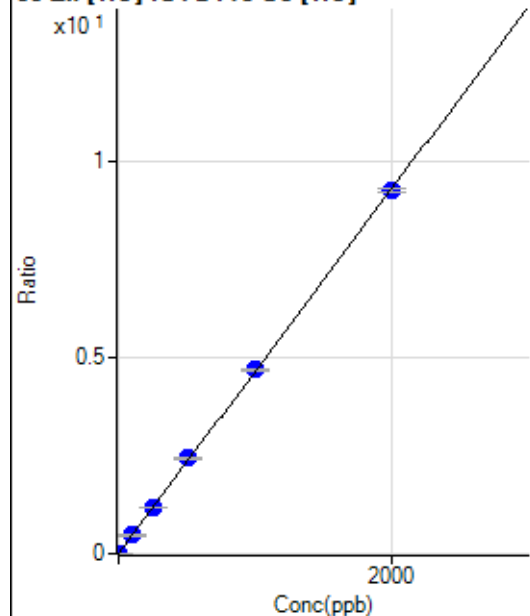
$$R = 0.9999$$

$$DL = 0.03693$$

$$BEC = 0.2853$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0039	P	6.9
2	☐	0.200					
3	☐	2.000	1.942	483.35	0.0129	P	7.9
4	☐	100.000	100.926	17436.73	0.4731	P	6.0
5	☐	250.000	254.780	44633.96	1.1884	P	1.0
6	☐	500.000	522.011	89479.94	2.4307	P	3.1
7	☐	1000.000	1007.277	178255.70	4.6866	P	1.3
8	☐	2000.000	1990.215	352479.88	9.2562	P	0.9
9	☐			2933.69	0.0783	P	4.3

$$y = 0.0046 * x + 0.0039$$

$$R = 0.9999$$

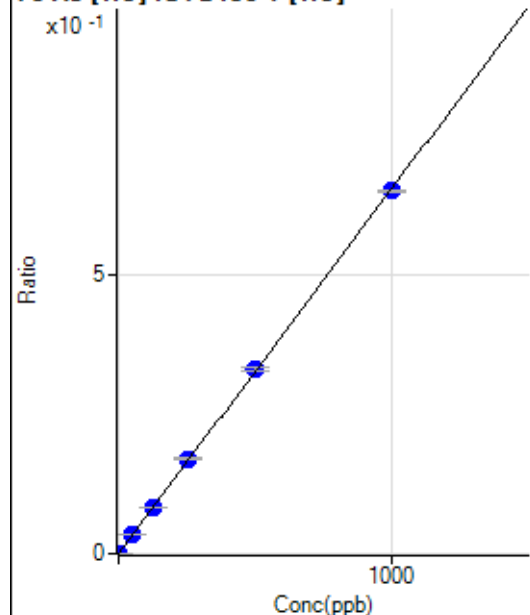
$$DL = 0.1738$$

$$BEC = 0.8416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9.26	0.0000	P	52.9
2	☐	0.100					
3	☐	1.000	0.955	137.04	0.0007	P	4.0
4	☐	50.000	50.726	6746.76	0.0332	P	1.8
5	☐	125.000	127.574	17282.49	0.0835	P	0.5
6	☐	250.000	259.537	34738.65	0.1698	P	1.4
7	☐	500.000	504.579	69480.85	0.3300	P	2.4
8	☐	1000.000	994.968	138539.76	0.6507	P	0.6
9	☐			188.27	0.0009	P	7.0

$$y = 6.5397E-004 * x + 4.5655E-005$$

$$R = 0.9999$$

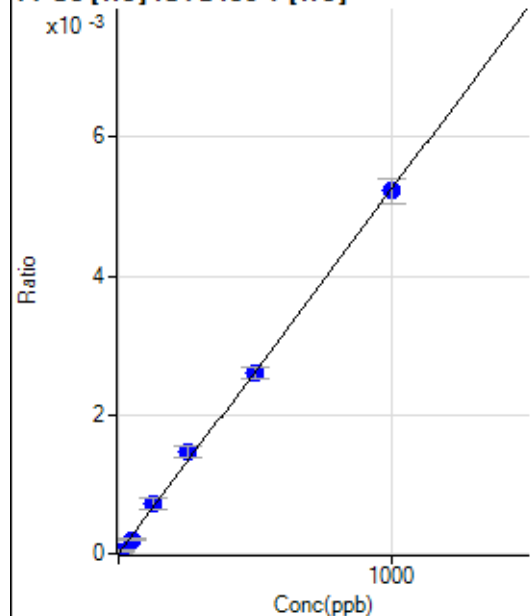
$$DL = 0.1108$$

$$BEC = 0.06981$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.180	7.78	0.0000	P	89.8
4	☐	50.000	37.504	42.22	0.0002	P	23.2
5	☐	125.000	135.153	148.89	0.0007	P	21.4
6	☐	250.000	280.008	302.23	0.0015	P	11.6
7	☐	500.000	493.645	546.69	0.0026	P	6.1
8	☐	1000.000	995.030	1112.29	0.0052	P	7.2
9	☐			3.33	0.0000	P	173.2

$$y = 5.2402E-006 * x + 1.0981E-005$$

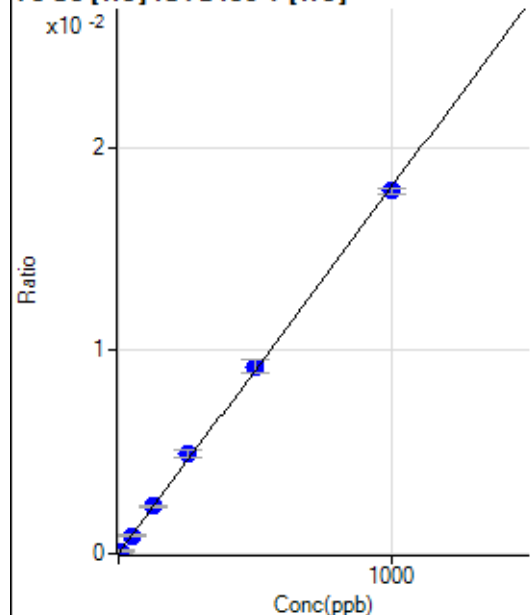
$$R = 0.9993$$

$$DL = 5.444$$

$$BEC = 2.095$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	99.6
2	☐	0.500					
3	☐	5.000	6.187	26.54	0.0001	P	32.3
4	☐	50.000	47.695	178.40	0.0009	P	9.2
5	☐	125.000	129.380	487.05	0.0024	P	3.7
6	☐	250.000	273.107	1011.16	0.0049	P	8.3
7	☐	500.000	509.695	1939.05	0.0092	P	6.6
8	☐	1000.000	988.937	3803.03	0.0179	P	1.9
9	☐			4.94	0.0000	P	77.3

$$y = 1.8043\text{E-}005 * x + 1.8205\text{E-}005$$

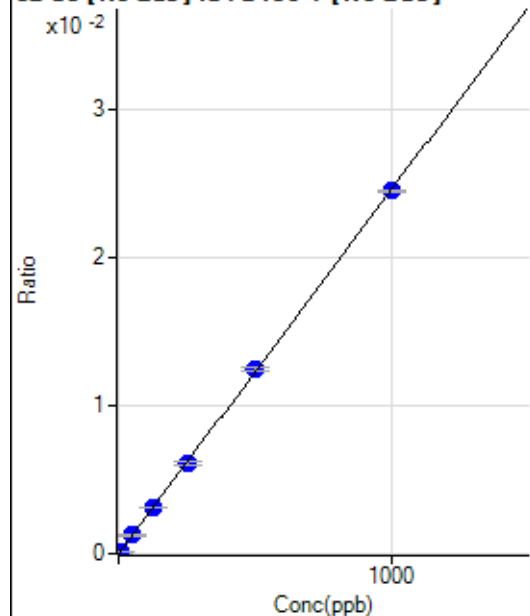
$$R = 0.9996$$

$$DL = 3.013$$

$$BEC = 1.009$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-97.14	0.0000	P	-26.2
2	☐	0.500					
3	☐	5.000	5.651	333.64	0.0001	P	28.5
4	☐	50.000	50.677	3729.64	0.0012	P	6.5
5	☐	125.000	129.116	9963.03	0.0031	P	0.3
6	☐	250.000	246.970	19868.26	0.0060	P	4.6
7	☐	500.000	506.738	40013.78	0.0124	P	1.2
8	☐	1000.000	996.837	80477.49	0.0245	P	0.7
9	☐			-22.56	0.0000	P	-243.

$$y = 2.4612\text{E-}005 * x - 3.1026\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.9899$$

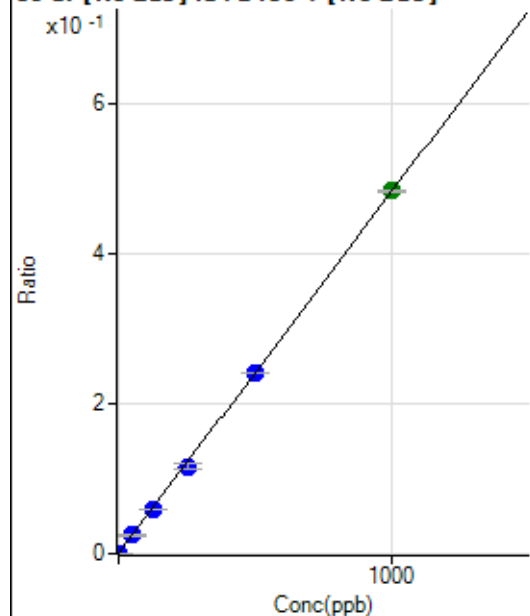
$$BEC = -1.261$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			888.94		P	5.0
2	☐						
3	☐			943.38		P	5.6
4	☐			904.49		P	6.0
5	☐			873.38		P	11.9
6	☐			888.93		P	7.1
7	☐			876.71		P	4.6
8	☐			854.49		P	9.2
9	☐			948.94		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1255.67	0.0004	P	6.7
2	☐	0.100					
3	☐	1.000	0.915	2603.15	0.0008	P	5.6
4	☐	50.000	50.255	75693.67	0.0247	P	4.6
5	☐	125.000	123.820	190568.95	0.0602	P	0.4
6	☐	250.000	241.152	383873.06	0.1168	P	4.7
7	☐	500.000	498.667	775795.00	0.2412	P	0.3
8	☐	1000.000	1003.013	1592035.52	0.4847	A	0.4
9	☐			6952.09	0.0022	P	1.0

$$y = 4.8286E-004 * x + 4.0067E-004$$

$$R = 1.0000$$

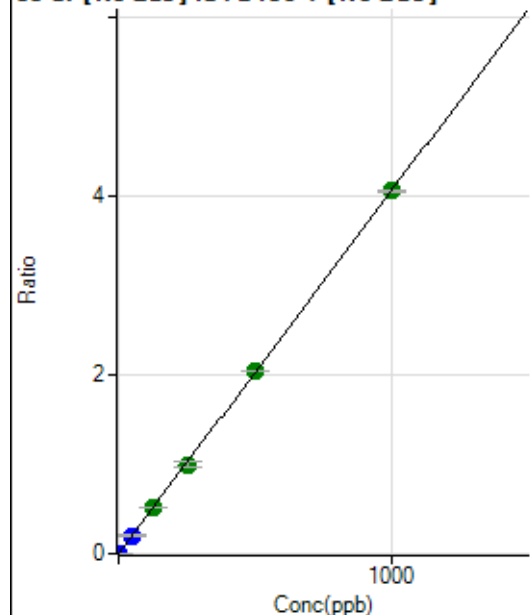
$$DL = 0.1661$$

$$BEC = 0.8298$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.827	10451.68	0.0034	P	1.5
4	☐	50.000	50.142	624152.84	0.2035	P	6.0
5	☐	125.000	128.054	1645292.56	0.5197	A	1.3
6	☐	250.000	246.016	3279885.71	0.9984	A	4.7
7	☐	500.000	501.843	6550511.26	2.0365	A	0.4
8	☐	1000.000	999.686	13324145.96	4.0568	A	0.4
9	☐			47762.62	0.0149	P	4.4

$$y = 0.0041 * x + 2.5693E-005$$

$$R = 1.0000$$

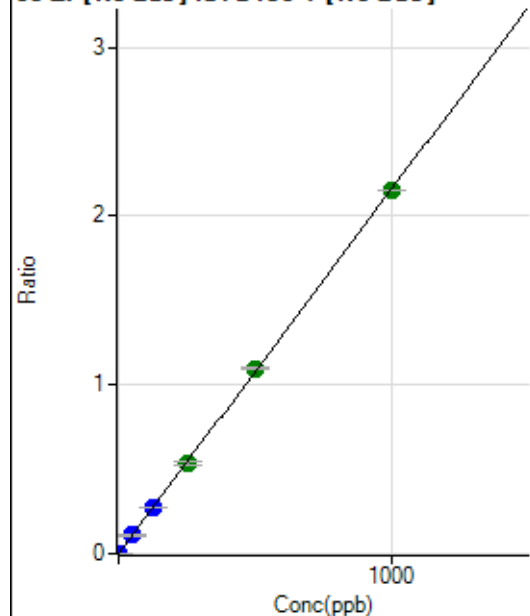
$$DL = 0.004869$$

$$BEC = 0.006331$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.91	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.899	6248.93	0.0020	P	2.4
4	☐	50.000	50.828	336654.95	0.1097	P	5.6
5	☐	125.000	127.229	869357.68	0.2746	P	0.7
6	☐	250.000	248.848	1764345.24	0.5370	A	4.4
7	☐	500.000	508.564	3529504.85	1.0973	A	0.7
8	☐	1000.000	995.686	7056046.69	2.1483	A	0.1
9	☐			1616.84	0.0005	P	3.9

$$y = 0.0022 * x + 8.4215E-005$$

$$R = 0.9999$$

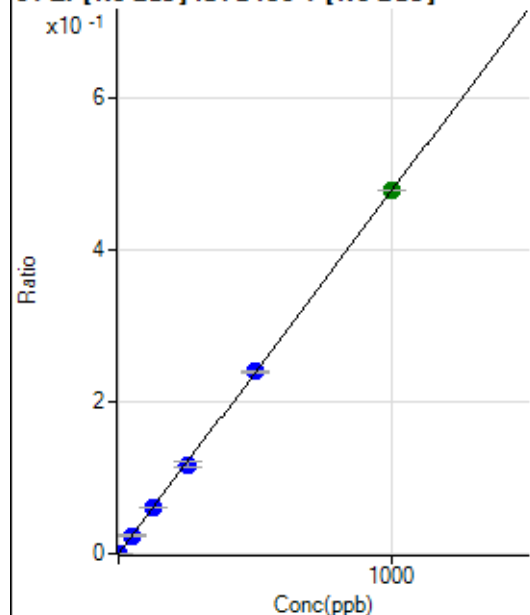
$$DL = 0.007323$$

$$BEC = 0.03903$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	21.6
2	☐	0.100					
3	☐	1.000	0.922	1439.04	0.0005	P	7.4
4	☐	50.000	50.208	73641.44	0.0240	P	5.5
5	☐	125.000	125.890	190451.45	0.0602	P	0.4
6	☐	250.000	245.493	385229.06	0.1173	P	5.2
7	☐	500.000	501.229	770085.86	0.2394	P	1.0
8	☐	1000.000	1000.390	1569422.62	0.4778	A	0.1
9	☐			419.47	0.0001	P	9.6

$$y = 4.7762\text{E-}004 * x + 2.5715\text{E-}005$$

$$R = 1.0000$$

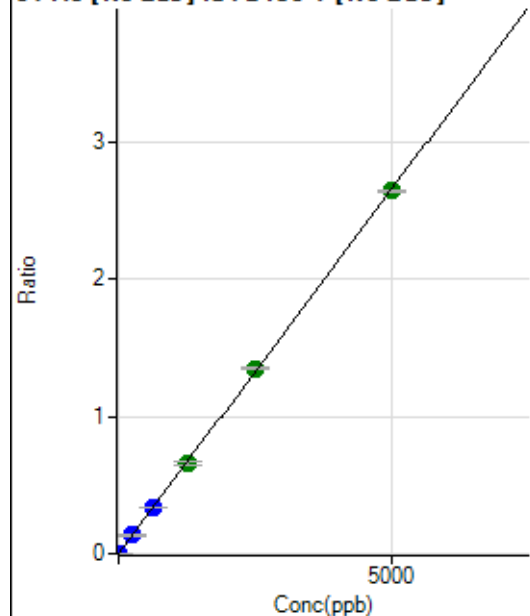
$$DL = 0.0349$$

$$BEC = 0.05384$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	26.3
2	☐	0.500					
3	☐	5.000	4.675	7777.58	0.0025	P	7.0
4	☐	250.000	250.767	407982.68	0.1330	P	5.8
5	☐	625.000	632.854	1062535.91	0.3356	P	1.4
6	☐	1250.000	1245.407	2169659.56	0.6604	A	4.7
7	☐	2500.000	2540.682	4333351.49	1.3472	A	0.7
8	☐	5000.000	4979.787	8672821.11	2.6406	A	0.2
9	☐			2933.79	0.0009	P	10.5

$$y = 5.3025\text{E-}004 * x + 4.0782\text{E-}005$$

$$R = 0.9999$$

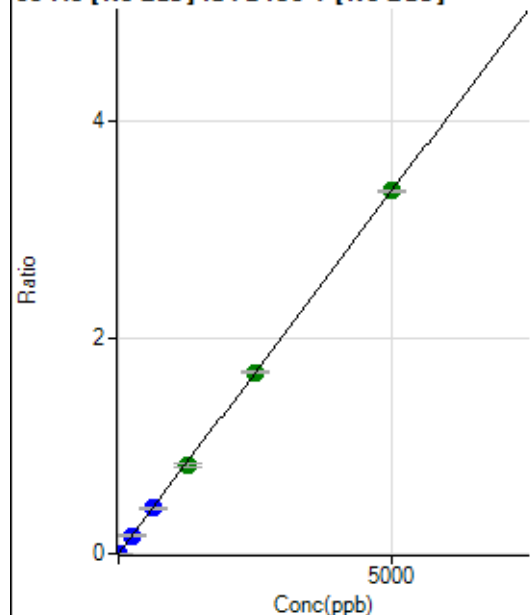
$$DL = 0.0608$$

$$BEC = 0.07691$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	42.0
2	☐	0.500					
3	☐	5.000	4.594	9542.68	0.0031	P	2.4
4	☐	250.000	247.093	508236.21	0.1657	P	5.5
5	☐	625.000	625.555	1327933.69	0.4194	P	0.8
6	☐	1250.000	1224.625	2698033.37	0.8211	A	4.2
7	☐	2500.000	2505.928	5404219.61	1.6802	A	0.6
8	☐	5000.000	5003.456	11018617.35	3.3547	A	0.7
9	☐			3984.11	0.0012	P	3.0

$$y = 6.7048\text{E-}004 * x + 9.7649\text{E-}006$$

$$R = 1.0000$$

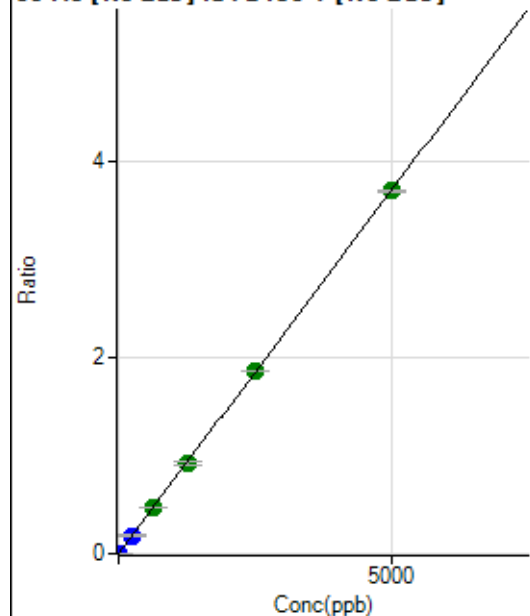
$$DL = 0.01835$$

$$BEC = 0.01456$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.5
2	☐	0.500					
3	☐	5.000	4.606	10607.45	0.0034	P	6.7
4	☐	250.000	248.028	564251.24	0.1840	P	6.9
5	☐	625.000	644.046	1512919.25	0.4779	A	0.6
6	☐	1250.000	1236.198	3013417.41	0.9172	A	4.6
7	☐	2500.000	2517.565	6007894.36	1.8679	A	0.6
8	☐	5000.000	4992.386	12165689.51	3.7040	A	0.8
9	☐			5062.30	0.0016	P	5.8

$$y = 7.4192\text{E-}004 * x + 1.8622\text{E-}005$$

$$R = 1.0000$$

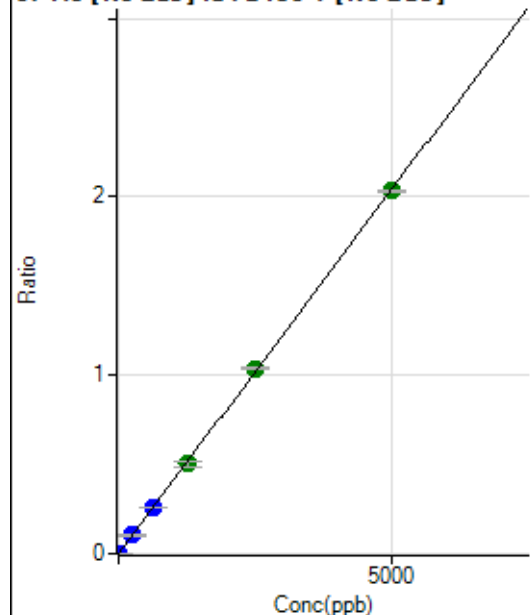
$$DL = 0.01095$$

$$BEC = 0.0251$$

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	138.90	0.0000	P	25.1
2	☐	0.500					
3	☐	5.000	4.776	6157.27	0.0020	P	3.4
4	☐	250.000	251.045	314249.50	0.1025	P	7.1
5	☐	625.000	633.988	819345.46	0.2588	P	0.9
6	☐	1250.000	1229.297	1648171.76	0.5018	A	5.2
7	☐	2500.000	2541.114	3335867.17	1.0371	A	1.1
8	☐	5000.000	4983.443	6680305.01	2.0339	A	0.2
9	☐			2508.69	0.0008	P	9.9

$$y = 4.0813E-004 * x + 4.4338E-005$$

$$R = 0.9999$$

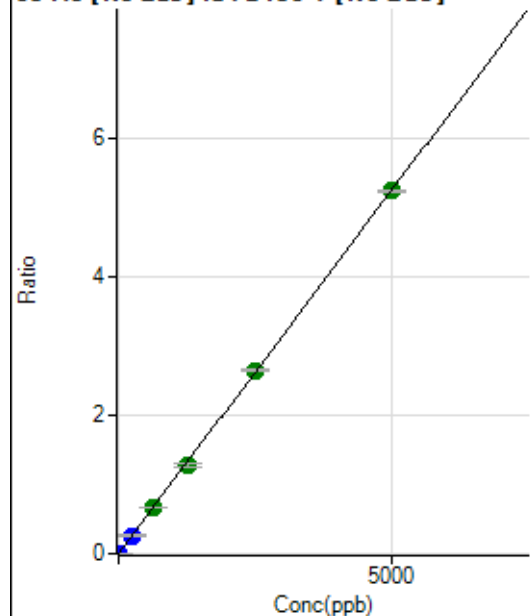
$$DL = 0.08186$$

$$BEC = 0.1086$$

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	55.56	0.0000	P	38.0
2	☐	0.500					
3	☐	5.000	4.670	15198.07	0.0049	P	6.0
4	☐	250.000	248.805	801550.79	0.2614	P	6.4
5	☐	625.000	638.538	2123737.42	0.6708	A	0.8
6	☐	1250.000	1220.095	4212368.97	1.2817	A	3.6
7	☐	2500.000	2521.947	8521436.74	2.6493	A	0.9
8	☐	5000.000	4994.871	17233561.32	5.2470	A	0.6
9	☐			6107.19	0.0019	P	2.7

$$y = 0.0011 * x + 1.7739E-005$$

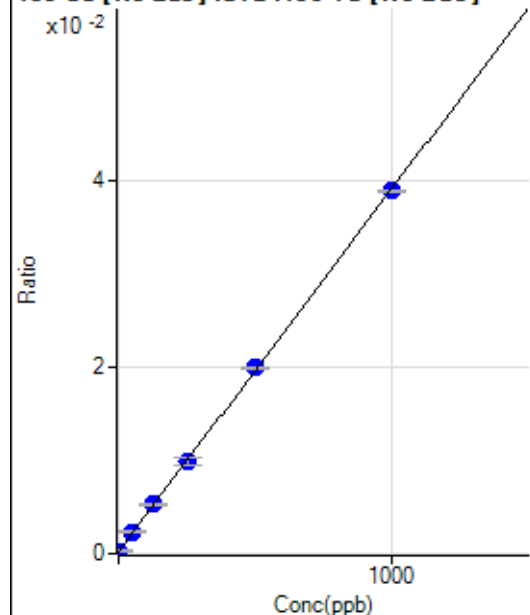
$$R = 1.0000$$

$$DL = 0.01924$$

$$BEC = 0.01689$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	619.49	0.0002	P	14.4
2	☐	0.100					
3	☐	1.000	1.776	791.73	0.0003	P	8.2
4	☐	50.000	54.010	6168.38	0.0023	P	5.6
5	☐	125.000	129.972	14461.13	0.0053	P	1.2
6	☐	250.000	248.942	28433.75	0.0099	P	6.6
7	☐	500.000	507.826	56519.59	0.0200	P	1.2
8	☐	1000.000	995.529	112422.22	0.0390	P	0.4
9	☐			755.61	0.0003	P	6.0

$$y = 3.8909\text{E-}005 * x + 2.3262\text{E-}004$$

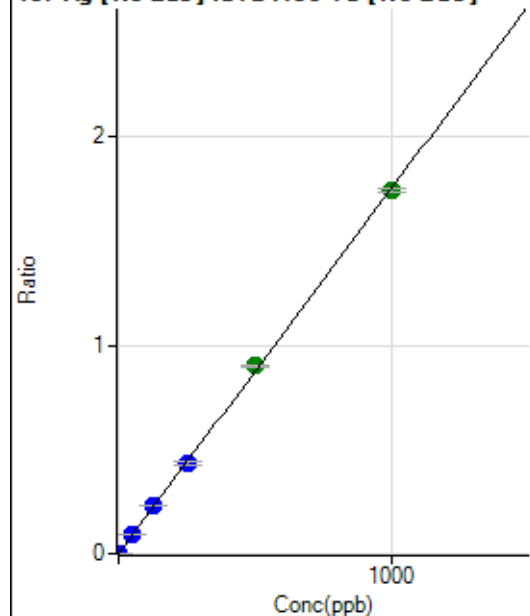
$$R = 0.9999$$

$$DL = 2.584$$

$$BEC = 5.979$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0001	P	36.4
2	☐	0.100					
3	☐	1.000	0.977	4645.44	0.0018	P	1.3
4	☐	50.000	51.777	239556.94	0.0907	P	4.7
5	☐	125.000	129.835	621583.93	0.2274	P	1.0
6	☐	250.000	247.579	1242996.21	0.4335	P	5.1
7	☐	500.000	513.307	2540834.43	0.8987	A	1.3
8	☐	1000.000	993.259	5016795.86	1.7390	A	1.2
9	☐			902.85	0.0003	P	19.3

$$y = 0.0018 * x + 6.0509\text{E-}005$$

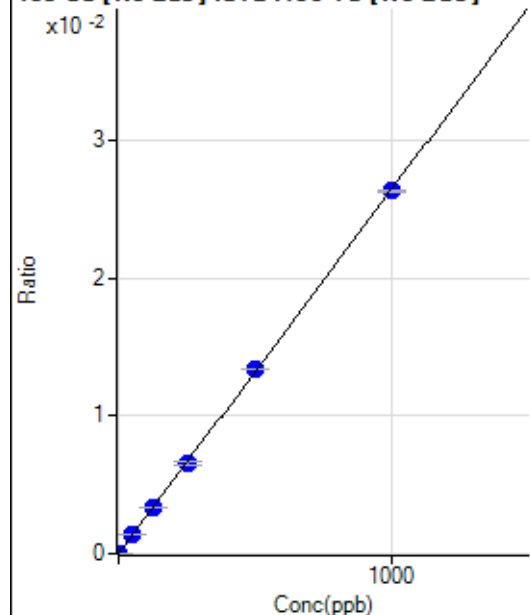
$$R = 0.9999$$

$$DL = 0.03777$$

$$BEC = 0.03456$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	0.924	75.00	0.0000	P	11.7
4	☐	50.000	53.507	3750.62	0.0014	P	3.2
5	☐	125.000	126.505	9157.45	0.0033	P	1.9
6	☐	250.000	247.507	18786.97	0.0065	P	4.0
7	☐	500.000	508.282	38014.96	0.0134	P	0.3
8	☐	1000.000	996.119	76011.66	0.0263	P	0.8
9	☐			18.06	0.0000	P	54.0

$$y = 2.6445E-005 * x + 4.1663E-006$$

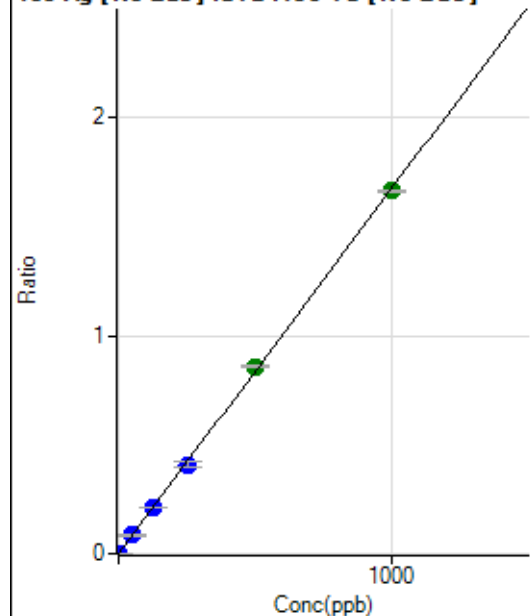
$$R = 0.9999$$

$$DL = 0.2701$$

$$BEC = 0.1575$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0001	P	18.8
2	☐	0.100					
3	☐	1.000	0.883	4050.79	0.0015	P	4.5
4	☐	50.000	51.306	227139.63	0.0860	P	5.2
5	☐	125.000	127.991	586392.47	0.2145	P	1.0
6	☐	250.000	244.908	1176610.92	0.4104	P	5.2
7	☐	500.000	513.408	2432012.10	0.8602	A	0.9
8	☐	1000.000	994.130	4805089.60	1.6656	A	0.7
9	☐			869.52	0.0003	P	12.4

$$y = 0.0017 * x + 6.3619E-005$$

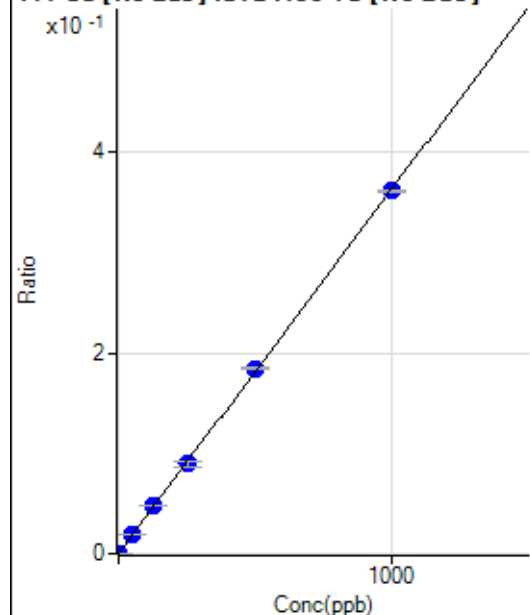
$$R = 0.9998$$

$$DL = 0.02136$$

$$BEC = 0.03797$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	431.42	0.0002	P	16.0
2	☐	0.100					
3	☐	1.000	1.066	1440.65	0.0005	P	2.5
4	☐	50.000	52.438	50660.62	0.0192	P	5.4
5	☐	125.000	129.801	129190.73	0.0473	P	0.3
6	☐	250.000	246.951	257299.31	0.0898	P	5.8
7	☐	500.000	507.921	521459.40	0.1844	P	0.6
8	☐	1000.000	996.080	1043051.47	0.3616	P	0.4
9	☐			560.74	0.0002	P	7.7

$$y = 3.6281\text{E-}004 * x + 1.6201\text{E-}004$$

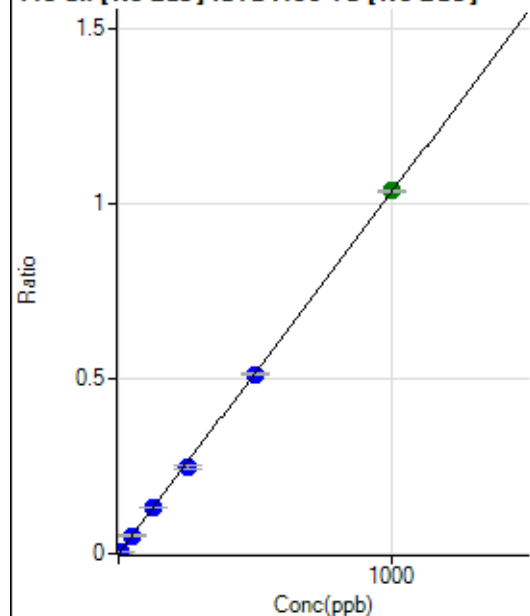
$$R = 0.9999$$

$$DL = 0.215$$

$$BEC = 0.4465$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0001	P	5.5
2	☐	0.500					
3	☐	5.000	4.768	13223.73	0.0050	P	3.4
4	☐	50.000	49.533	135312.68	0.0513	P	6.1
5	☐	125.000	126.348	356975.54	0.1306	P	1.1
6	☐	250.000	240.642	712732.18	0.2486	P	5.3
7	☐	500.000	497.123	1451588.87	0.5134	P	0.9
8	☐	1000.000	1003.634	2990097.89	1.0364	A	0.5
9	☐			1750.19	0.0006	P	8.1

$$y = 0.0010 * x + 1.1470\text{E-}004$$

$$R = 0.9999$$

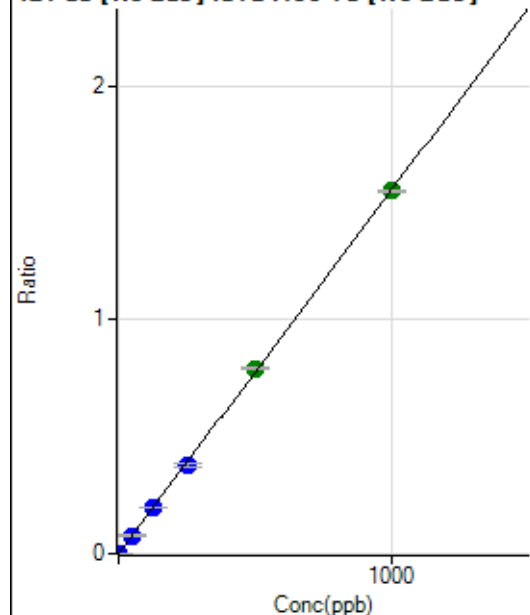
$$DL = 0.01842$$

$$BEC = 0.1111$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	26.2
2	☐	0.200					
3	☐	2.000	1.904	7888.83	0.0030	P	2.2
4	☐	50.000	50.212	206375.44	0.0782	P	5.8
5	☐	125.000	126.314	537446.85	0.1966	P	0.7
6	☐	250.000	241.593	1078147.23	0.3760	P	4.7
7	☐	500.000	508.124	2235452.50	0.7907	A	1.0
8	☐	1000.000	997.865	4479553.79	1.5527	A	0.4
9	☐			5306.88	0.0019	P	1.2

$$y = 0.0016 * x + 4.3824E-005$$

$$R = 0.9999$$

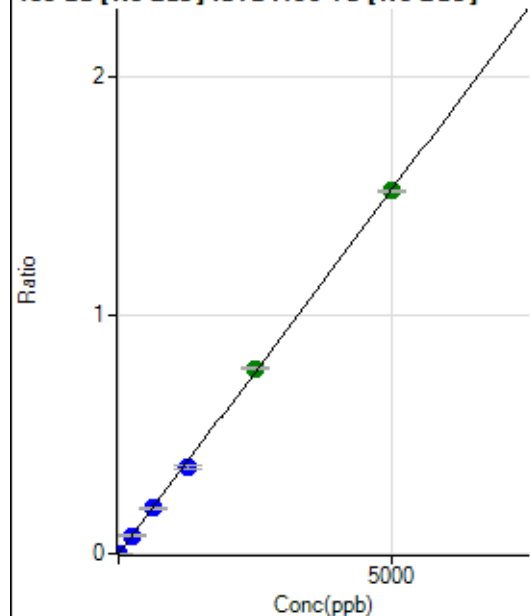
$$DL = 0.02211$$

$$BEC = 0.02816$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.2
2	☐	1.000					
3	☐	10.000	9.617	7722.11	0.0029	P	0.9
4	☐	250.000	249.000	200454.46	0.0759	P	6.6
5	☐	625.000	623.740	520081.71	0.1902	P	1.1
6	☐	1250.000	1195.793	1045693.32	0.3647	P	5.2
7	☐	2500.000	2548.473	2197397.03	0.7772	A	1.4
8	☐	5000.000	4989.524	4390121.76	1.5217	A	0.3
9	☐			391.69	0.0001	P	11.5

$$y = 3.0498E-004 * x + 9.4010E-006$$

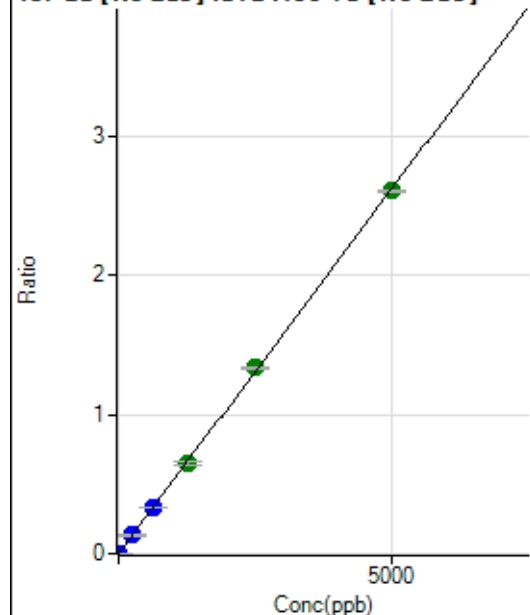
$$R = 0.9999$$

$$DL = 0.05381$$

$$BEC = 0.03082$$

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	47.22	0.0000	P	10.5
2	☐	1.000					
3	☐	10.000	9.872	13590.95	0.0052	P	2.5
4	☐	250.000	251.583	347328.53	0.1316	P	5.6
5	☐	625.000	635.588	908549.23	0.3323	P	1.0
6	☐	1250.000	1235.595	1852053.21	0.6460	A	5.6
7	☐	2500.000	2548.832	3767673.70	1.3327	A	1.3
8	☐	5000.000	4977.783	7508446.35	2.6026	A	0.6
9	☐			716.72	0.0003	P	2.5

$$y = 5.2285E-004 * x + 1.7731E-005$$

$$R = 0.9999$$

$$DL = 0.0107$$

$$BEC = 0.03391$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			24.45		P	41.7
4	☐			8.89		P	43.3
5	☐			17.78		P	43.3
6	☐			51.11		P	30.1
7	☐			108.89		P	19.7
8	☐			204.45		P	5.0
9	☐			73.34		P	18.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			6.67		P	50.0
8	☐			6.67		P	50.0
9	☐			12.22		P	15.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			16.67		P	50.0
4	☐			8.33		P	173.2
5	☐			22.22		P	78.1
6	☐			25.00		P	88.2
7	☐			36.11		P	58.1
8	☐			75.00		P	29.4
9	☐			36.11		P	53.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			5.55		P	124.9
6	☐			2.22		P	86.6
7	☐			5.56		P	34.7
8	☐			6.67		P	50.0
9	☐			13.33		P	NaN

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			19.45		P	65.5
4	☐			16.67		P	NaN
5	☐			27.78		P	69.3
6	☐			22.22		P	78.1
7	☐			22.22		P	57.3
8	☐			38.89		P	86.6
9	☐			36.11		P	48.0

160 Gd [He] No available calibration points

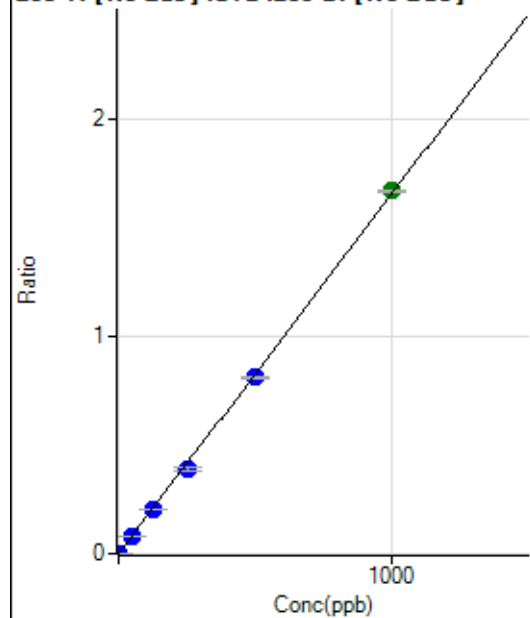
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			3.33		P	100.1
4	☐			3.33		P	173.2
5	☐			5.55		P	69.3
6	☐			5.55		P	69.3
7	☐			11.11		P	45.8
8	☐			4.44		P	114.6
9	☐			17.78		P	57.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			13.89		P	91.6
4	☐			25.00		P	33.3
5	☐			16.67		P	NaN
6	☐			25.00		P	33.3
7	☐			5.56		P	173.2
8	☐			11.11		P	43.3
9	☐			47.23		P	40.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	173.2
5	☐			3.33		P	100.1
6	☐			3.33		P	173.2
7	☐			6.67		P	50.0
8	☐			7.78		P	65.5
9	☐			4.44		P	114.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	49.4
2	☐	0.100					
3	☐	1.000	0.874	2072.50	0.0015	P	9.3
4	☐	50.000	48.478	112476.15	0.0803	P	7.3
5	☐	125.000	121.866	293814.98	0.2018	P	1.4
6	☐	250.000	235.476	603056.07	0.3900	P	6.4
7	☐	500.000	489.952	1219072.22	0.8113	P	1.4
8	☐	1000.000	1009.123	2556422.15	1.6710	A	0.5
9	☐			188.90	0.0001	P	29.5

$$y = 0.0017 * x + 2.7641E-005$$

$$R = 0.9998$$

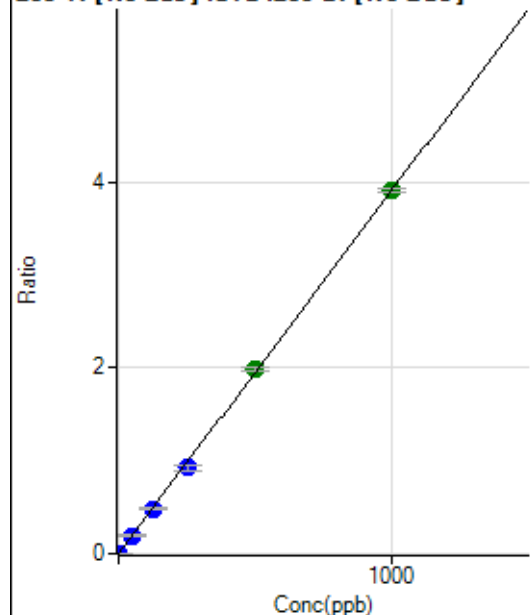
$$DL = 0.02474$$

$$BEC = 0.01669$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.948	5287.48	0.0038	P	2.2
4	☐	50.000	48.945	267649.30	0.1910	P	6.7
5	☐	125.000	124.145	705291.49	0.4845	P	0.9
6	☐	250.000	237.647	1434133.02	0.9273	P	6.4
7	☐	500.000	507.069	2972874.89	1.9786	A	2.0
8	☐	1000.000	999.714	5967662.50	3.9009	A	1.0
9	☐			361.14	0.0002	P	11.7

$$y = 0.0039 * x + 6.1245E-005$$

$$R = 0.9999$$

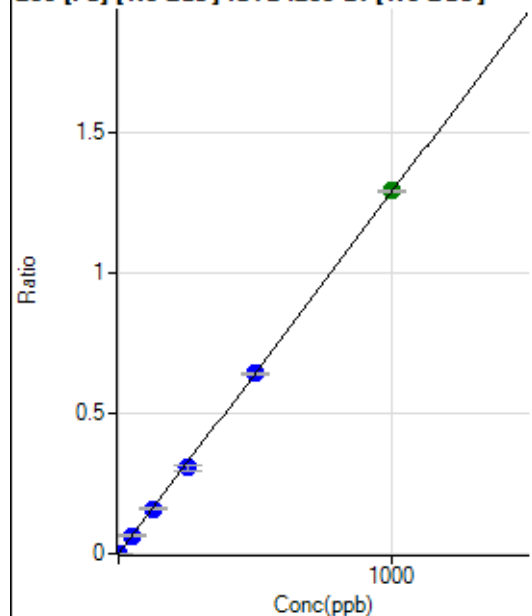
$$DL = 0.005371$$

$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	129.63	0.0001	P	24.2
2	☐	0.100					
3	☐	1.000	0.955	1859.46	0.0013	P	2.6
4	☐	50.000	49.356	89176.37	0.0637	P	7.8
5	☐	125.000	124.980	234549.97	0.1611	P	0.5
6	☐	250.000	237.608	473613.37	0.3062	P	6.1
7	☐	500.000	497.720	963660.74	0.6413	P	0.8
8	☐	1000.000	1004.272	1979552.65	1.2939	A	0.4
9	☐			4102.64	0.0028	P	7.6

$$y = 0.0013 * x + 9.2151E-005$$

$$R = 0.9999$$

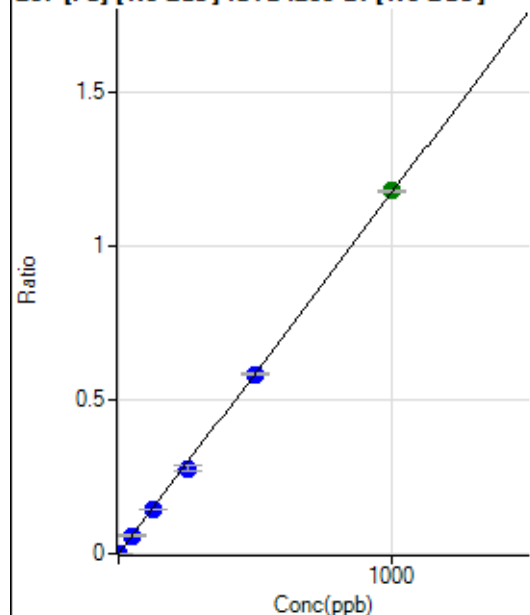
$$DL = 0.0519$$

$$BEC = 0.07153$$

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	124.08	0.0001	P	16.9
2	☐	0.100					
3	☐	1.000	0.877	1570.51	0.0011	P	5.3
4	☐	50.000	48.998	80634.64	0.0576	P	8.3
5	☐	125.000	123.950	211910.02	0.1456	P	0.2
6	☐	250.000	235.718	428074.15	0.2767	P	5.8
7	☐	500.000	496.976	876553.09	0.5833	P	1.1
8	☐	1000.000	1005.264	1805000.95	1.1799	A	0.3
9	☐			3537.65	0.0024	P	4.8

$$y = 0.0012 * x + 8.8217E-005$$

$$R = 0.9999$$

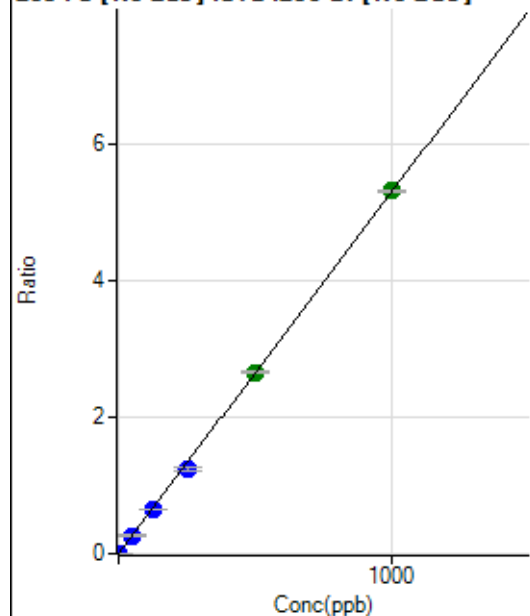
$$DL = 0.03803$$

$$BEC = 0.07517$$

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	531.50	0.0004	P	9.1
2	☐	0.100					
3	☐	1.000	0.893	7191.76	0.0051	P	1.2
4	☐	50.000	48.681	362061.99	0.2586	P	7.8
5	☐	125.000	122.472	946123.95	0.6499	P	0.4
6	☐	250.000	234.353	1922974.14	1.2432	P	6.0
7	☐	500.000	501.513	3997128.81	2.6601	A	0.5
8	☐	1000.000	1003.538	8142497.07	5.3225	A	0.4
9	☐			16291.64	0.0113	P	4.4

$$y = 0.0053 * x + 3.7788E-004$$

$$R = 0.9999$$

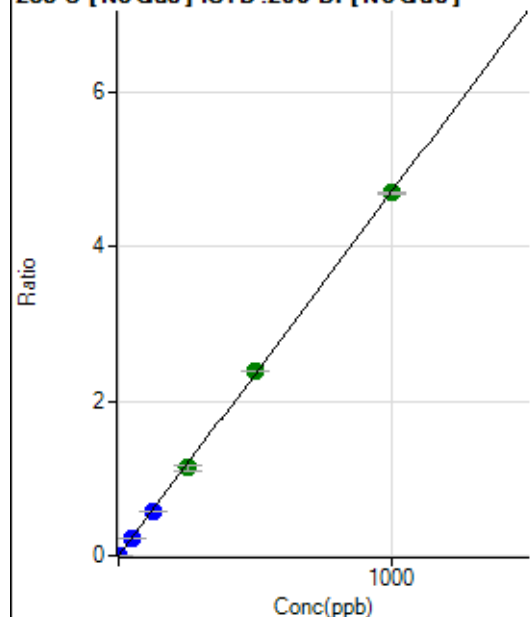
$$DL = 0.01947$$

$$BEC = 0.07125$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	53.5
2	☐	0.100					
3	☐	1.000	0.860	5729.36	0.0041	P	7.8
4	☐	50.000	48.185	317979.92	0.2269	P	5.5
5	☐	125.000	122.660	840636.05	0.5774	P	0.8
6	☐	250.000	242.702	1766898.54	1.1425	A	6.4
7	☐	500.000	509.155	3601522.09	2.3968	A	0.4
8	☐	1000.000	997.630	7184277.16	4.6963	A	0.7
9	☐			169.45	0.0001	P	21.8

$$y = 0.0047 * x + 2.5692E-005$$

$$R = 0.9999$$

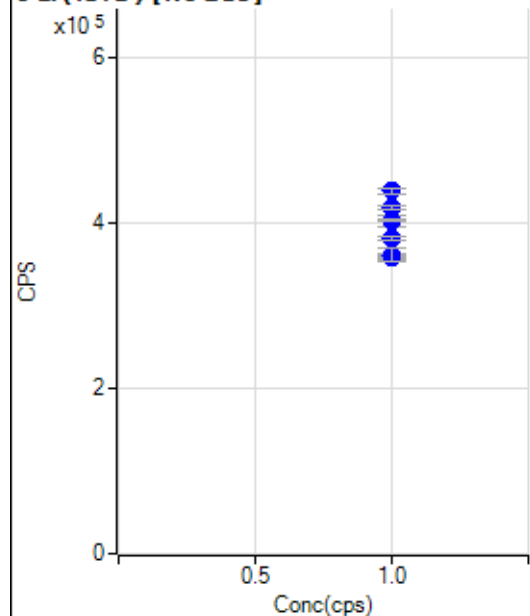
$$DL = 0.008753$$

$$BEC = 0.005458$$

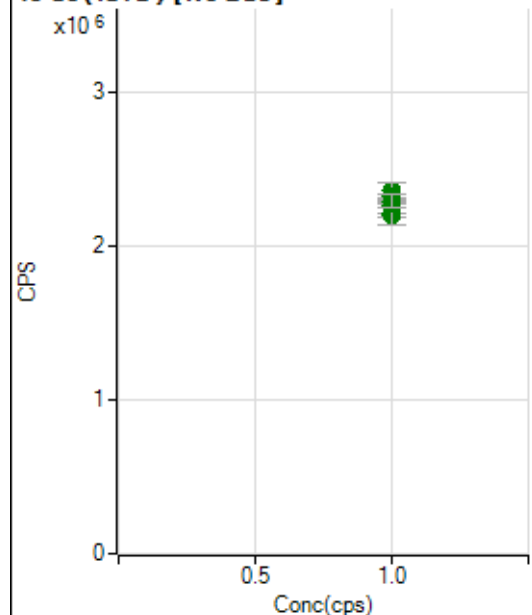
Weight: <None>

Min Conc: 0

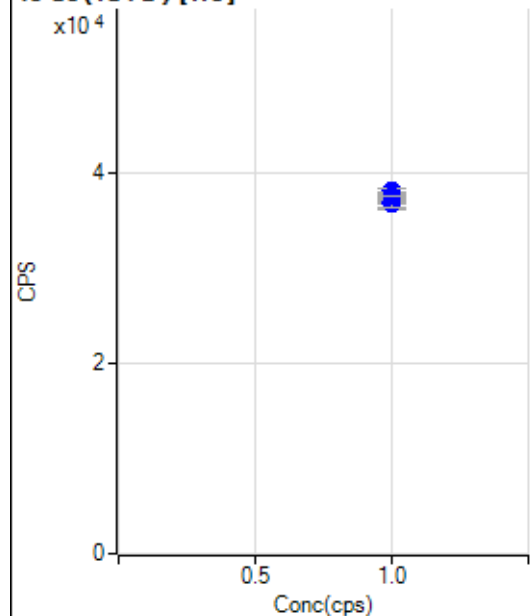
6 Li (ISTD) [No Gas]



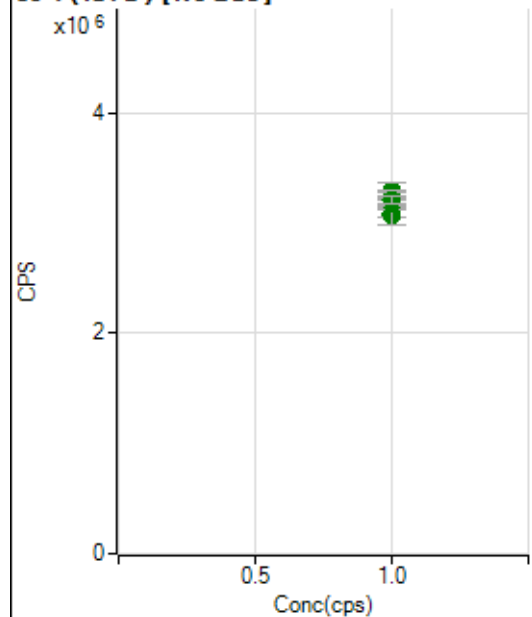
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		361615.67		P	0.6
2	☐	1.000					
3	☐	1.000		357457.61		P	0.9
4	☐	1.000		361071.31		P	4.6
5	☐	1.000		380661.85		P	1.1
6	☐	1.000		402507.62		P	3.9
7	☐	1.000		402820.69		P	0.3
8	☐	1.000		418148.07		P	1.1
9	☐	1.000		438753.59		P	1.6

45 Sc (ISTD) [No Gas]

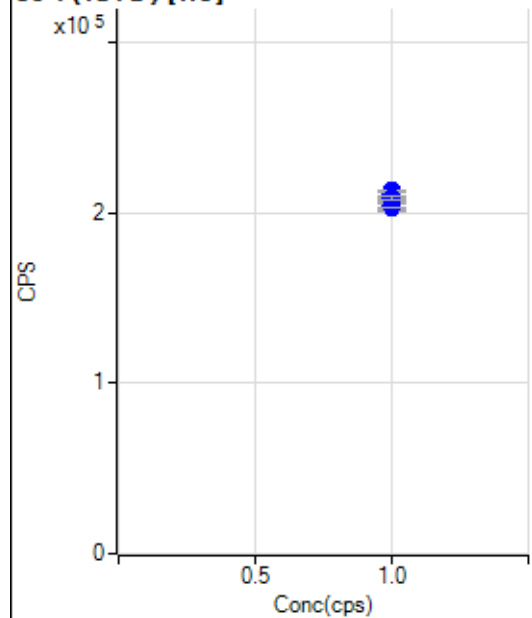
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2259663.11		A	1.2
2	☐	1.000					
3	☐	1.000		2199259.86		A	1.0
4	☐	1.000		2208899.14		A	6.8
5	☐	1.000		2276891.57		A	0.8
6	☐	1.000		2355148.90		A	4.3
7	☐	1.000		2292763.70		A	0.5
8	☐	1.000		2324544.89		A	0.8
9	☐	1.000		2289001.85		A	3.6

45 Sc (ISTD) [He]

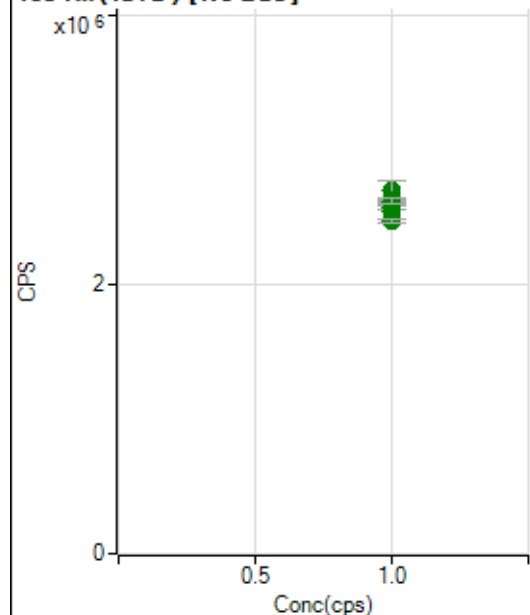
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		36917.59		P	0.6
2	☐	1.000					
3	☐	1.000		37341.89		P	1.0
4	☐	1.000		36916.54		P	4.1
5	☐	1.000		37560.29		P	0.7
6	☐	1.000		36834.05		P	2.9
7	☐	1.000		38039.26		P	1.4
8	☐	1.000		38082.80		P	1.0
9	☐	1.000		37474.49		P	0.1

89 Y (ISTD) [No Gas]

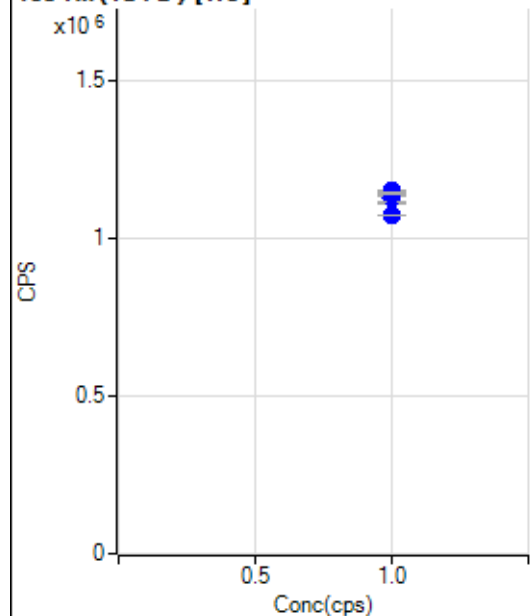
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3133335.44		A	0.4
2	☐	1.000					
3	☐	1.000		3089345.34		A	1.9
4	☐	1.000		3073805.09		A	5.5
5	☐	1.000		3166149.92		A	0.6
6	☐	1.000		3290349.19		A	4.9
7	☐	1.000		3216554.78		A	0.8
8	☐	1.000		3284461.27		A	0.4
9	☐	1.000		3209115.44		A	2.7

89 Y (ISTD) [He]

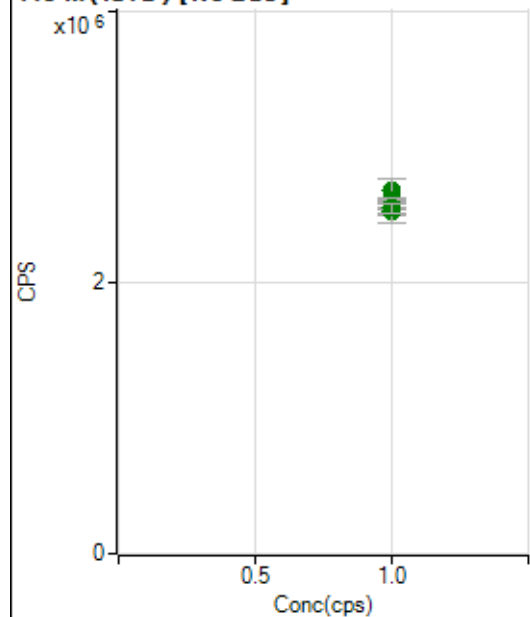
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		202928.96		P	0.7
2	☐	1.000					
3	☐	1.000		204494.25		P	1.5
4	☐	1.000		203139.97		P	2.4
5	☐	1.000		207032.08		P	0.7
6	☐	1.000		204652.78		P	1.9
7	☐	1.000		210593.70		P	1.8
8	☐	1.000		212903.59		P	0.4
9	☐	1.000		208524.72		P	1.0

103 Rh (ISTD) [No Gas]

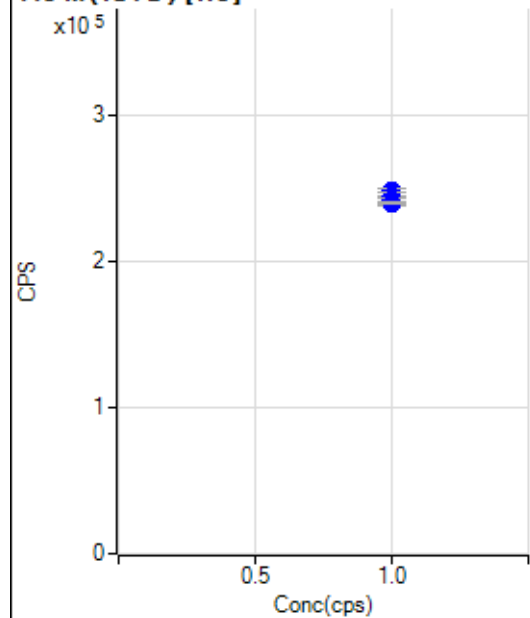
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2622019.70		A	0.4
2	☐	1.000					
3	☐	1.000		2570218.65		A	1.0
4	☐	1.000		2533955.53		A	5.8
5	☐	1.000		2600469.22		A	1.6
6	☐	1.000		2692592.79		A	6.1
7	☐	1.000		2620615.38		A	0.7
8	☐	1.000		2616509.72		A	1.6
9	☐	1.000		2469456.48		A	1.5

103 Rh (ISTD) [He]

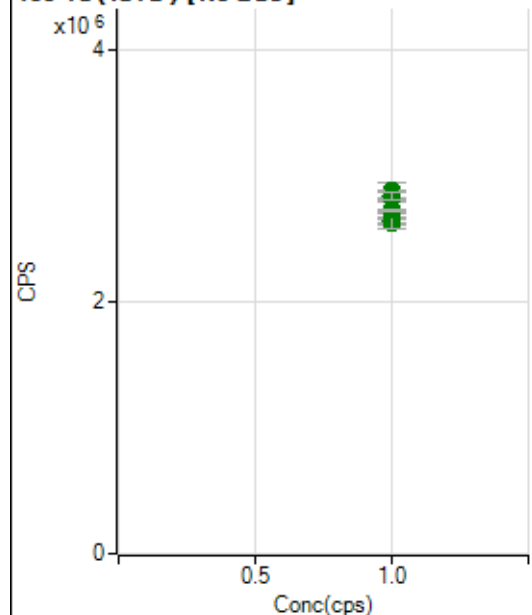
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1137752.14		P	0.6
2	☐	1.000					
3	☐	1.000		1140954.08		P	1.0
4	☐	1.000		1127172.53		P	2.9
5	☐	1.000		1152343.54		P	0.5
6	☐	1.000		1129601.01		P	2.5
7	☐	1.000		1148232.36		P	1.3
8	☐	1.000		1144747.99		P	0.2
9	☐	1.000		1075854.97		P	0.3

115 In (ISTD) [No Gas]

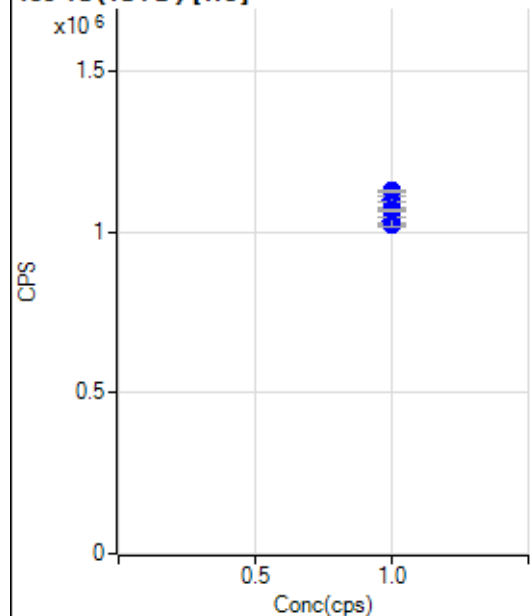
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2545884.64		A	0.4
2	☐	1.000					
3	☐	1.000		2516196.97		A	1.6
4	☐	1.000		2520523.92		A	7.0
5	☐	1.000		2578324.29		A	0.3
6	☐	1.000		2672843.66		A	7.1
7	☐	1.000		2605744.26		A	0.8
8	☐	1.000		2607171.87		A	0.6
9	☐	1.000		2547110.94		A	2.8

115 In (ISTD) [He]

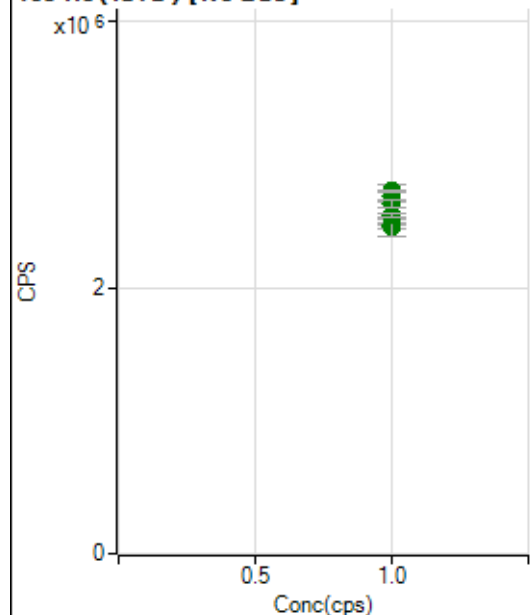
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		241406.98		P	1.0
2	☐	1.000					
3	☐	1.000		242443.94		P	1.2
4	☐	1.000		240827.81		P	2.4
5	☐	1.000		247893.27		P	0.9
6	☐	1.000		241930.58		P	2.2
7	☐	1.000		244830.47		P	1.5
8	☐	1.000		242132.51		P	0.9
9	☐	1.000		239722.89		P	0.5

159 Tb (ISTD) [No Gas]

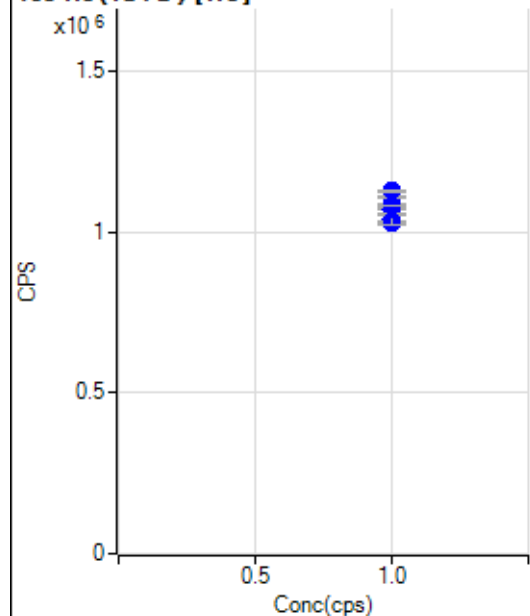
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2664002.18		A	0.5
2	☐	1.000					
3	☐	1.000		2624382.34		A	0.7
4	☐	1.000		2644966.36		A	4.9
5	☐	1.000		2733925.55		A	0.5
6	☐	1.000		2872529.26		A	5.4
7	☐	1.000		2827288.19		A	0.6
8	☐	1.000		2884981.59		A	0.6
9	☐	1.000		2842815.13		A	1.7

159 Tb (ISTD) [He]

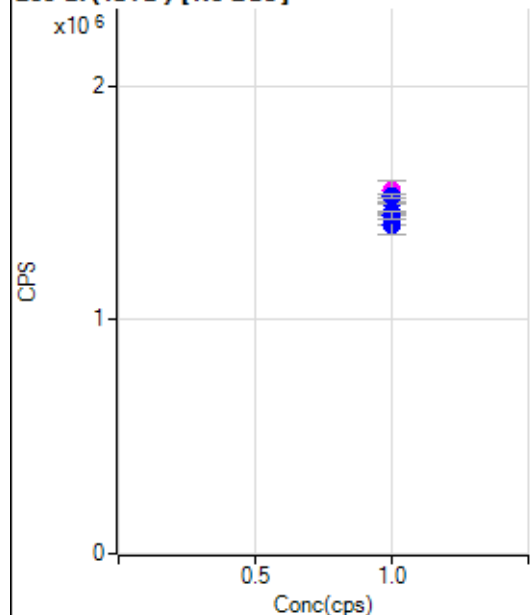
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1026594.48		P	1.2
2	☐	1.000					
3	☐	1.000		1026010.04		P	0.8
4	☐	1.000		1033234.03		P	3.1
5	☐	1.000		1067396.32		P	0.6
6	☐	1.000		1063768.68		P	3.0
7	☐	1.000		1103714.32		P	1.4
8	☐	1.000		1129729.78		P	0.4
9	☐	1.000		1068916.41		P	0.5

165 Ho (ISTD) [No Gas]

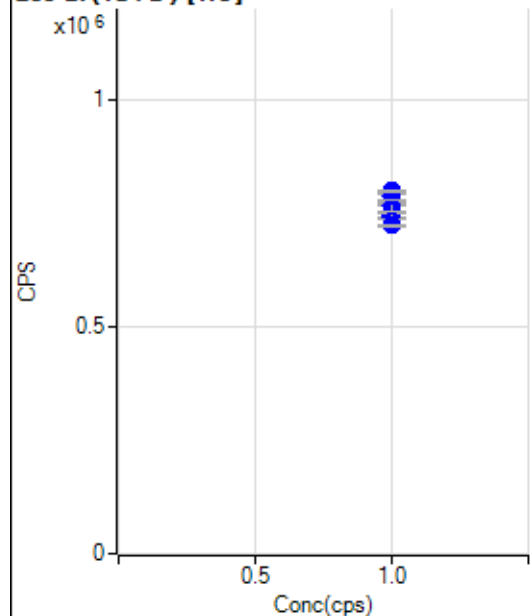
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2473192.78		A	0.4
2	☐	1.000					
3	☐	1.000		2466139.32		A	2.0
4	☐	1.000		2449946.43		A	5.3
5	☐	1.000		2545258.28		A	1.2
6	☐	1.000		2690906.63		A	6.4
7	☐	1.000		2655900.91		A	0.5
8	☐	1.000		2726404.64		A	0.7
9	☐	1.000		2633025.95		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1028827.88		P	0.5
2	☐	1.000					
3	☐	1.000		1030692.65		P	0.7
4	☐	1.000		1038564.03		P	2.7
5	☐	1.000		1071461.34		P	0.7
6	☐	1.000		1070584.37		P	2.8
7	☐	1.000		1106762.27		P	0.8
8	☐	1.000		1127096.59		P	0.4
9	☐	1.000		1082824.42		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1406317.89		P	0.2
2	☐	1.000					
3	☐	1.000		1406002.48		P	0.4
4	☐	1.000		1404812.11		P	6.1
5	☐	1.000		1455845.26		P	0.4
6	☐	1.000		1550586.73		M	6.2
7	☐	1.000		1502640.86		P	0.7
8	☐	1.000		1529837.77		P	0.8
9	☐	1.000		1447930.62		P	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		740338.97		P	0.2
2	☐	1.000					
3	☐	1.000		743769.42		P	1.5
4	☐	1.000		744517.38		P	2.1
5	☐	1.000		769992.47		P	0.7
6	☐	1.000		765444.54		P	2.4
7	☐	1.000		787923.29		P	1.5
8	☐	1.000		799590.10		P	0.6
9	☐	1.000		724476.82		P	0.5

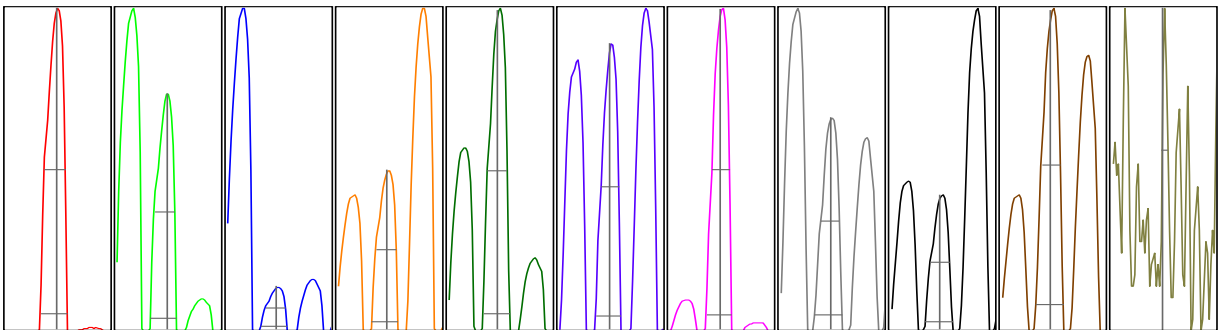
US EPA Tune Check Sample Report

Batch Folder D:\P8022819 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3086	0.30	5.00	
24	38766	0.41	5.00	
25	5279	0.64	5.00	
26	6249	0.14	5.00	
59	30749	0.20	5.00	
113	3333	0.75	5.00	
115	39388	0.43	5.00	
206	6545	0.54	5.00	
207	5985	0.50	5.00	
208	14102	0.34	5.00	
220	1	21.93		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3079	3097	3076	3094	3082
24	38623	38749	38599	38919	38941
25	5230	5285	5278	5277	5325
26	6243	6253	6263	6247	6240
59	30766	30779	30650	30742	30808
113	3367	3323	3301	3325	3348
115	39650	39211	39389	39264	39428
206	6536	6494	6545	6590	6561
207	5948	6025	5965	5985	6001
208	14083	14075	14065	14183	14103
220	1	2	2	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	5564	9.00	8.9 - 9.1		0.776	0.900	
24	70926	24.00	23.9 - 24.1		0.737	0.900	
25	9518	24.95	24.9 - 25.1		0.741	0.900	
26	11244	25.95	25.9 - 26.1		0.737	0.900	
59	57365	58.95	58.9 - 59.1		0.770	0.900	
113	6628	113.00	112.9 - 113.1		0.722	0.900	
115	76797	115.00	114.9 - 115.1		0.726	0.900	
206	12264	206.00	205.9 - 206.1		0.780	0.900	
207	11065	206.95	206.9 - 207.1		0.773	0.900	
208	26143	207.95	207.9 - 208.1		0.779	0.900	
220	2	220.00	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	15.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6494	0.59	
89	2923	0.49	
205	5785	0.52	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6555	6483	6463	6462	6506
89	2911	2944	2923	2908	2928
205	5798	5825	5779	5743	5781

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.51	-0.78	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.45	-0.05	0.51	0.00	N/A	ppb
Boron	11-1	-0.02	-0.09	0.11	0.00	N/A	ppb
Cadmium	111-1	-0.06	-0.02	0.08	0.00	N/A	ppb
Cadmium	106-1	-0.68	-0.29	0.97	0.00	N/A	ppb
Cadmium	108-1	0.08	0.02	-0.10	0.00	N/A	ppb
Calcium	43-1	-0.44	3.32	-2.88	0.00	N/A	ppb
Calcium	44-1	-1.40	0.26	1.14	0.00	N/A	ppb
Chromium	52-2	-0.15	-0.02	0.16	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.09	-0.32	0.24	0.00	N/A	ppb
Iron	57-2	-2.56	1.49	1.07	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.28	0.84	-2.11	0.00	N/A	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.05	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.03	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-30.43	-40.72	-10.14	-27.10		ppb
Potassium	39-2	7.73	-0.42	-7.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.10	1.04	1.06	0.00	N/A	ppb
Selenium	78-2	1.00	-1.01	0.01	0.00	N/A	ppb
Selenium	82-1	0.34	-0.02	-0.32	0.00	N/A	ppb
Silicon	28-1	-0.70	-1.32	2.02	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	4.70	-3.85	-0.85	0.00	N/A	ppb
Strontium	86-1	0.05	0.01	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-480.31	-655.05	-371.32	-502.23		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.08	0.05	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.05	0.01	0.00	N/A	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

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

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.31	16.49	15.67	16.49	4.98	ppb
Antimony	121-1	1.95	1.91	1.86	1.90	2.28	ppb
Arsenic	75-2	0.96	0.91	0.99	0.95	4.31	ppb
Barium	135-1	9.70	9.52	9.63	9.62	0.90	ppb
Barium	137-1	9.62	9.88	10.12	9.87	2.54	ppb
Beryllium	9-1	0.93	0.96	0.91	0.94	2.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	25.17	24.19	24.94	24.76	2.07	ppb
Boron	11-1	25.55	24.45	24.28	24.76	2.78	ppb
Cadmium	111-1	1.07	1.10	1.03	1.07	3.52	ppb
Cadmium	106-1	1.63	2.47	1.23	1.78	35.62	ppb
Cadmium	108-1	0.79	0.93	1.05	0.92	13.68	ppb
Calcium	43-1	493.38	459.30	465.88	472.85	3.82	ppb
Calcium	44-1	464.18	486.78	472.89	474.61	2.40	ppb
Chromium	52-2	1.84	2.02	1.55	1.80	13.24	ppb
Cobalt	59-2	1.04	0.93	0.85	0.94	10.22	ppb
Copper	63-2	2.02	1.96	1.94	1.97	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	50.48	51.29	49.94	50.57	1.34	ppb
Iron	57-2	48.64	51.79	48.58	49.67	3.70	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.93	0.96	0.95	2.78	ppb
Lead	207-1	0.88	0.82	0.92	0.88	5.76	ppb
Lead	208-1	0.90	0.88	0.90	0.89	1.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	484.59	508.86	482.91	492.12	2.95	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.81	1.19	1.00	1.00	18.89	ppb
Molybdenum	94-1	4.37	5.03	4.63	4.68	7.12	ppb
Molybdenum	95-1	4.47	4.66	4.65	4.59	2.40	ppb
Molybdenum	96-1	4.25	4.80	4.77	4.61	6.77	ppb
Molybdenum	97-1	4.60	4.79	4.93	4.78	3.44	ppb
Molybdenum	98-1	4.44	4.98	4.59	4.67	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.92	1.10	0.95	14.51	ppb
Phosphorus	31-2	41.02	50.90	-10.63	27.10	121.94	ppb
Potassium	39-2	459.06	454.27	481.55	464.96	3.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	10.53	-2.10	7.10	5.18	126.06	ppb
Selenium	78-2	7.65	3.51	7.40	6.19	37.57	ppb
Selenium	82-1	4.51	5.46	6.99	5.65	22.13	ppb
Silicon	28-1	12.20	14.52	12.75	13.15	9.20	ppb
Silver	109-1	0.90	0.92	0.84	0.88	4.66	ppb
Silver	107-1	0.96	0.98	0.99	0.98	1.38	ppb
Sodium	23-2	459.69	463.74	449.82	457.75	1.56	ppb
Strontium	86-1	0.88	0.84	1.03	0.91	10.75	ppb
Strontium	88-1	0.81	0.83	0.84	0.83	1.51	ppb
Sulfur	34-1	296.40	878.46	331.82	502.23	64.97	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.94	0.78	0.87	9.50	ppb
Thallium	205-1	0.94	0.97	0.93	0.95	2.28	ppb
Tin	118-1	4.89	4.84	4.58	4.77	3.46	ppb
Titanium	47-1	4.81	4.28	4.91	4.67	7.26	ppb
Uranium	238-1	0.87	0.79	0.92	0.86	7.84	ppb
Vanadium	51-2	4.90	4.80	4.73	4.81	1.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1.69	2.11	2.03	1.94	11.33	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.92	0.88	0.90	2.48	ppb
Zirconium	91-1	0.85	0.93	0.99	0.92	7.85	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	949.50	966.05	999.53	971.69	2.62	ppb
Antimony	121-1	47.66	49.58	53.40	50.21	5.82	ppb
Arsenic	75-2	49.69	51.27	51.22	50.73	1.77	ppb
Barium	135-1	235.39	244.37	267.24	249.00	6.60	ppb
Barium	137-1	239.69	247.80	267.26	251.58	5.63	ppb
Beryllium	9-1	50.33	50.79	56.39	52.50	6.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	49.24	49.82	57.53	52.20	8.87	ppb
Boron	11-1	48.07	49.93	55.06	51.02	7.10	ppb
Cadmium	111-1	49.67	52.28	55.36	52.44	5.44	ppb
Cadmium	106-1	50.42	57.02	54.59	54.01	6.19	ppb
Cadmium	108-1	51.50	54.50	54.53	53.51	3.25	ppb
Calcium	43-1	4751.73	4854.00	5360.26	4988.66	6.53	ppb
Calcium	44-1	4657.89	4877.95	5398.66	4978.17	7.64	ppb
Chromium	52-2	48.82	49.52	53.96	50.77	5.49	ppb
Cobalt	59-2	48.96	50.20	53.27	50.81	4.37	ppb
Copper	63-2	98.89	99.23	107.03	101.71	4.53	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				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2497.00	2554.38	2754.59	2601.99	5.20	ppb
Iron	57-2	2442.00	2555.14	2703.92	2567.02	5.12	ppb
Krypton	83-1						cps
Lead	206-1	46.36	48.02	53.69	49.36	7.78	ppb
Lead	207-1	45.30	48.31	53.39	49.00	8.34	ppb
Lead	208-1	45.41	47.77	52.86	48.68	7.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	4948.05	4943.15	5319.91	5070.37	4.26	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.27	98.48	104.78	99.84	4.42	ppb
Molybdenum	94-1	239.62	245.61	267.07	250.77	5.76	ppb
Molybdenum	95-1	236.33	242.56	262.38	247.09	5.50	ppb
Molybdenum	96-1	234.52	242.20	267.37	248.03	6.93	ppb
Molybdenum	97-1	237.02	244.98	271.14	251.04	7.11	ppb
Molybdenum	98-1	237.70	241.67	267.04	248.80	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.84	51.46	54.69	51.66	5.67	ppb
Phosphorus	31-2	968.73	903.76	961.33	944.61	3.77	ppb
Potassium	39-2	2446.11	2471.38	2633.00	2516.83	4.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	34.72	47.74	30.05	37.50	24.45	ppb
Selenium	78-2	48.98	42.72	51.38	47.69	9.38	ppb
Selenium	82-1	48.66	49.00	54.38	50.68	6.33	ppb
Silicon	28-1	55.65	62.03	81.11	66.26	20.00	ppb
Silver	109-1	49.25	50.37	54.29	51.31	5.16	ppb
Silver	107-1	49.64	51.27	54.42	51.78	4.69	ppb
Sodium	23-2	4846.43	4914.41	5245.80	5002.21	4.27	ppb
Strontium	86-1	48.34	49.56	52.87	50.26	4.66	ppb
Strontium	88-1	47.55	49.41	53.47	50.14	6.03	ppb
Sulfur	34-1	78.50	895.11	3111.93	1361.85	115.26	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	45.61	47.40	52.42	48.48	7.28	ppb
Thallium	205-1	46.24	48.02	52.57	48.94	6.66	ppb
Tin	118-1	46.72	49.11	52.77	49.53	6.15	ppb
Titanium	47-1	235.08	239.98	270.66	248.58	7.76	ppb
Uranium	238-1	45.99	47.47	51.10	48.19	5.45	ppb
Vanadium	51-2	48.81	49.79	52.76	50.45	4.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	95.97	99.00	107.80	100.93	6.09	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.40	50.15	53.94	50.83	5.57	ppb
Zirconium	91-1	48.14	49.14	53.34	50.21	5.50	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2352.68	2419.70	2344.73	2372.37	1.74	ppb
Antimony	121-1	126.90	126.72	125.33	126.31	0.68	ppb
Arsenic	75-2	126.77	127.93	128.02	127.57	0.55	ppb
Barium	135-1	631.74	619.51	619.97	623.74	1.11	ppb
Barium	137-1	643.07	633.03	630.66	635.59	1.04	ppb
Beryllium	9-1	130.76	130.75	130.97	130.83	0.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	126.01	129.30	131.42	128.91	2.11	ppb
Boron	11-1	126.46	126.89	129.93	127.76	1.48	ppb
Cadmium	111-1	130.29	129.53	129.58	129.80	0.33	ppb
Cadmium	106-1	131.85	129.23	128.84	129.97	1.26	ppb
Cadmium	108-1	126.65	128.87	123.99	126.50	1.93	ppb
Calcium	43-1	12394.19	12309.61	12426.62	12376.81	0.49	ppb
Calcium	44-1	12416.20	12540.95	12626.66	12527.94	0.84	ppb
Chromium	52-2	127.42	126.24	128.33	127.33	0.82	ppb
Cobalt	59-2	126.43	126.05	127.28	126.59	0.49	ppb
Copper	63-2	254.52	250.78	257.07	254.12	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	6398.49	6425.13	6544.45	6456.02	1.20	ppb
Iron	57-2	6472.16	6387.14	6435.29	6431.53	0.66	ppb
Krypton	83-1						cps
Lead	206-1	124.31	125.19	125.44	124.98	0.47	ppb
Lead	207-1	124.29	123.77	123.79	123.95	0.24	ppb
Lead	208-1	122.71	121.88	122.83	122.47	0.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	12506.38	12447.20	12687.31	12546.96	1.00	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.69	250.04	254.79	252.84	0.98	ppb
Molybdenum	94-1	642.76	625.71	630.09	632.85	1.40	ppb
Molybdenum	95-1	630.83	620.98	624.86	625.56	0.79	ppb
Molybdenum	96-1	646.26	639.50	646.37	644.05	0.61	ppb
Molybdenum	97-1	638.57	627.50	635.89	633.99	0.91	ppb
Molybdenum	98-1	644.25	634.19	637.17	638.54	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.80	127.23	129.84	128.63	1.02	ppb
Phosphorus	31-2	2654.32	2222.72	2739.37	2538.81	10.91	ppb
Potassium	39-2	6213.85	6278.92	6229.91	6240.89	0.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	131.12	166.40	107.94	135.15	21.78	ppb
Selenium	78-2	129.95	133.93	124.26	129.38	3.76	ppb
Selenium	82-1	129.12	128.75	129.47	129.12	0.28	ppb
Silicon	28-1	153.54	155.64	160.27	156.48	2.20	ppb
Silver	109-1	129.24	128.10	126.63	127.99	1.02	ppb
Silver	107-1	131.22	129.67	128.62	129.83	1.01	ppb
Sodium	23-2	12786.93	12677.10	12766.94	12743.66	0.46	ppb
Strontium	86-1	123.34	124.41	123.71	123.82	0.44	ppb
Strontium	88-1	128.65	126.20	129.31	128.05	1.28	ppb
Sulfur	34-1	1741.28	1738.64	2019.20	1833.04	8.80	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	121.39	120.45	123.75	121.87	1.39	ppb
Thallium	205-1	123.54	123.43	125.47	124.15	0.93	ppb
Tin	118-1	127.98	125.76	125.30	126.35	1.14	ppb
Titanium	47-1	622.73	617.65	627.84	622.74	0.82	ppb
Uranium	238-1	122.15	122.10	123.73	122.66	0.76	ppb
Vanadium	51-2	126.87	124.43	126.04	125.78	0.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	252.48	254.48	257.38	254.78	0.97	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.20	126.87	126.62	127.23	0.67	ppb
Zirconium	91-1	126.41	125.69	125.56	125.89	0.36	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4865.79	4886.46	5059.07	4937.11	2.15	ppb
Antimony	121-1	240.76	253.34	230.68	241.59	4.70	ppb
Arsenic	75-2	255.51	260.16	262.94	259.54	1.45	ppb
Barium	135-1	1199.58	1256.01	1131.78	1195.79	5.20	ppb
Barium	137-1	1230.87	1307.61	1168.31	1235.60	5.65	ppb
Beryllium	9-1	252.47	254.69	241.17	249.44	2.90	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	239.04	240.21	239.36	239.54	0.25	ppb
Boron	11-1	246.62	254.42	240.45	247.16	2.83	ppb
Cadmium	111-1	244.21	262.58	234.06	246.95	5.85	ppb
Cadmium	106-1	238.01	268.42	240.40	248.94	6.79	ppb
Cadmium	108-1	248.07	257.17	237.29	247.51	4.02	ppb
Calcium	43-1	24070.77	24931.06	23003.33	24001.72	4.02	ppb
Calcium	44-1	23601.78	25097.39	22850.09	23849.76	4.80	ppb
Chromium	52-2	254.90	257.64	272.44	261.66	3.61	ppb
Cobalt	59-2	254.09	256.54	269.69	260.11	3.22	ppb
Copper	63-2	511.51	517.49	541.72	523.58	3.06	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				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	12909.16	12941.32	13539.63	13130.04	2.70	ppb
Iron	57-2	13086.80	12963.37	13643.56	13231.24	2.74	ppb
Krypton	83-1						cps
Lead	206-1	239.06	251.43	222.34	237.61	6.15	ppb
Lead	207-1	235.54	249.54	222.07	235.72	5.83	ppb
Lead	208-1	235.97	247.55	219.54	234.35	6.01	ppb
Lithium	6-1				111		%
Magnesium	24-2	25383.03	25735.97	26713.16	25944.05	2.66	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	514.87	508.65	534.46	519.33	2.59	ppb
Molybdenum	94-1	1243.48	1305.42	1187.31	1245.41	4.74	ppb
Molybdenum	95-1	1230.69	1272.24	1170.95	1224.62	4.16	ppb
Molybdenum	96-1	1252.21	1283.60	1172.79	1236.20	4.62	ppb
Molybdenum	97-1	1228.79	1293.04	1166.07	1229.30	5.16	ppb
Molybdenum	98-1	1216.67	1265.20	1178.41	1220.10	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.80	264.04	272.21	264.02	3.11	ppb
Phosphorus	31-2	5260.65	5539.40	6166.36	5655.47	8.20	ppb
Potassium	39-2	12816.09	12861.39	13349.72	13009.06	2.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	266.12	256.60	317.31	280.01	11.66	ppb
Selenium	78-2	250.29	273.08	295.95	273.11	8.36	ppb
Selenium	82-1	245.09	259.20	236.62	246.97	4.62	ppb
Silicon	28-1	264.56	289.52	259.58	271.22	5.91	ppb
Silver	109-1	243.26	258.45	233.01	244.91	5.23	ppb
Silver	107-1	247.31	260.32	235.11	247.58	5.09	ppb
Sodium	23-2	25546.66	25560.20	26765.25	25957.37	2.70	ppb
Strontium	86-1	241.24	252.40	229.82	241.15	4.68	ppb
Strontium	88-1	247.15	257.08	233.82	246.02	4.75	ppb
Sulfur	34-1	3564.16	4420.40	2390.21	3458.25	29.47	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	237.34	249.61	219.48	235.48	6.43	ppb
Thallium	205-1	240.17	251.47	221.30	237.65	6.41	ppb
Tin	118-1	240.55	253.56	227.82	240.64	5.35	ppb
Titanium	47-1	1196.18	1263.99	1147.69	1202.62	4.86	ppb
Uranium	238-1	243.70	257.77	226.63	242.70	6.43	ppb
Vanadium	51-2	251.68	252.17	268.55	257.46	3.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	512.27	513.12	540.64	522.01	3.09	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	247.28	260.60	238.67	248.85	4.44	ppb
Zirconium	91-1	245.99	258.08	232.40	245.49	5.23	ppb

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 14:39:52 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9659.81	9514.51	9376.35	9516.89	1.49	ppb
Antimony	121-1	508.00	503.28	513.09	508.12	0.97	ppb
Arsenic	75-2	518.53	499.23	495.97	504.58	2.42	ppb
Barium	135-1	2519.43	2538.03	2587.96	2548.47	1.39	ppb
Barium	137-1	2519.68	2540.79	2586.02	2548.83	1.33	ppb
Beryllium	9-1	505.74	503.91	507.12	505.59	0.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	503.35	498.09	504.36	501.93	0.67	ppb
Boron	11-1	500.90	513.14	509.98	508.01	1.25	ppb
Cadmium	111-1	504.60	510.84	508.32	507.92	0.62	ppb
Cadmium	106-1	501.39	508.88	513.21	507.83	1.18	ppb
Cadmium	108-1	507.13	510.30	507.42	508.28	0.34	ppb
Calcium	43-1	50044.75	48946.92	50007.57	49666.41	1.26	ppb
Calcium	44-1	49629.92	48822.97	49474.23	49309.04	0.87	ppb
Chromium	52-2	503.58	501.82	494.86	500.09	0.92	ppb
Cobalt	59-2	502.90	498.31	491.48	497.57	1.15	ppb
Copper	63-2	1004.96	998.71	986.14	996.60	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	25319.88	25061.90	24781.95	25054.58	1.07	ppb
Iron	57-2	25681.82	25249.21	25100.31	25343.78	1.19	ppb
Krypton	83-1						cps
Lead	206-1	497.95	493.62	501.60	497.72	0.80	ppb
Lead	207-1	501.06	491.09	498.77	496.98	1.05	ppb
Lead	208-1	504.04	498.98	501.51	501.51	0.50	ppb
Lithium	6-1				111		%
Magnesium	24-2	50675.71	51394.00	50038.24	50702.65	1.34	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:39:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.17	1002.71	984.02	998.97	1.35	ppb
Molybdenum	94-1	2559.50	2527.43	2535.12	2540.68	0.66	ppb
Molybdenum	95-1	2513.68	2488.91	2515.19	2505.93	0.59	ppb
Molybdenum	96-1	2530.59	2501.73	2520.38	2517.57	0.58	ppb
Molybdenum	97-1	2573.29	2517.69	2532.36	2541.11	1.13	ppb
Molybdenum	98-1	2545.26	2522.35	2498.23	2521.95	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.40	506.03	496.95	504.46	1.36	ppb
Phosphorus	31-2	9845.40	9636.78	9847.81	9776.66	1.24	ppb
Potassium	39-2	24749.27	24971.06	24661.86	24794.06	0.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	528.42	471.75	480.77	493.65	6.17	ppb
Selenium	78-2	548.42	490.15	490.51	509.70	6.58	ppb
Selenium	82-1	511.38	499.79	509.05	506.74	1.21	ppb
Silicon	28-1	539.06	534.29	535.29	536.21	0.47	ppb
Silver	109-1	509.75	518.63	511.84	513.41	0.90	ppb
Silver	107-1	505.53	518.09	516.31	513.31	1.32	ppb
Sodium	23-2	50019.07	49510.69	49374.95	49634.90	0.68	ppb
Strontium	86-1	499.83	498.88	497.30	498.67	0.26	ppb
Strontium	88-1	500.38	501.12	504.03	501.84	0.38	ppb
Sulfur	34-1	9969.97	9471.15	9735.76	9725.63	2.57	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	485.43	486.54	497.88	489.95	1.41	ppb
Thallium	205-1	503.66	499.24	518.30	507.07	1.97	ppb
Tin	118-1	496.85	492.69	501.83	497.12	0.92	ppb
Titanium	47-1	2533.66	2526.53	2529.37	2529.85	0.14	ppb
Uranium	238-1	510.24	506.86	510.36	509.16	0.39	ppb
Vanadium	51-2	506.13	495.81	494.29	498.74	1.29	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1019.76	1007.55	994.51	1007.28	1.25	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:39:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.11	504.54	510.04	508.56	0.69	ppb
Zirconium	91-1	501.32	496.28	506.08	501.23	0.98	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19214.06	18987.39	18780.71	18994.05	1.14	ppb
Antimony	121-1	997.86	1001.64	994.09	997.87	0.38	ppb
Arsenic	75-2	998.98	987.53	998.39	994.97	0.65	ppb
Barium	135-1	4999.63	4996.46	4972.49	4989.52	0.30	ppb
Barium	137-1	5009.15	4969.22	4954.98	4977.78	0.56	ppb
Beryllium	9-1	1001.58	1006.49	981.40	996.49	1.33	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	1000.21	988.12	1014.84	1001.06	1.34	ppb
Boron	11-1	996.28	988.40	1004.27	996.32	0.80	ppb
Cadmium	111-1	1000.35	992.08	995.81	996.08	0.42	ppb
Cadmium	106-1	993.04	1000.49	993.06	995.53	0.43	ppb
Cadmium	108-1	988.43	995.97	1003.96	996.12	0.78	ppb
Calcium	43-1	100671.81	99554.19	98895.01	99707.00	0.90	ppb
Calcium	44-1	98505.18	97489.41	96584.60	97526.40	0.99	ppb
Chromium	52-2	996.70	1004.95	988.48	996.71	0.83	ppb
Cobalt	59-2	1009.32	1000.93	985.11	998.45	1.23	ppb
Copper	63-2	1988.98	2007.74	1988.89	1995.20	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	50531.25	50722.28	49811.04	50354.86	0.95	ppb
Iron	57-2	51339.49	50886.63	49992.80	50739.64	1.35	ppb
Krypton	83-1						cps
Lead	206-1	1004.83	1007.77	1000.22	1004.27	0.38	ppb
Lead	207-1	1007.83	1002.64	1005.32	1005.26	0.26	ppb
Lead	208-1	1006.75	1004.56	999.30	1003.54	0.38	ppb
Lithium	6-1				116		%
Magnesium	24-2	98576.46	99342.65	97875.40	98598.17	0.74	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2011.14	2001.60	1973.28	1995.34	0.99	ppb
Molybdenum	94-1	4991.16	4981.53	4966.67	4979.79	0.25	ppb
Molybdenum	95-1	4993.99	4972.56	5043.81	5003.46	0.73	ppb
Molybdenum	96-1	4948.16	5009.85	5019.15	4992.39	0.77	ppb
Molybdenum	97-1	4979.08	4996.30	4974.95	4983.44	0.23	ppb
Molybdenum	98-1	5030.72	4971.98	4981.92	4994.87	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.97	998.96	988.26	993.73	0.54	ppb
Phosphorus	31-2	19829.46	20838.54	19169.15	19945.72	4.22	ppb
Potassium	39-2	50166.86	50504.18	50117.52	50262.85	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	1033.32	911.94	1039.83	995.03	7.24	ppb
Selenium	78-2	968.03	1004.52	994.26	988.94	1.90	ppb
Selenium	82-1	997.17	1003.57	989.77	996.84	0.69	ppb
Silicon	28-1	981.11	960.86	973.46	971.81	1.05	ppb
Silver	109-1	999.68	986.10	996.61	994.13	0.72	ppb
Silver	107-1	1002.95	979.94	996.88	993.26	1.20	ppb
Sodium	23-2	98916.64	98531.16	96960.19	98135.99	1.06	ppb
Strontium	86-1	999.05	1006.57	1003.43	1003.01	0.38	ppb
Strontium	88-1	1001.83	1001.62	995.61	999.69	0.35	ppb
Sulfur	34-1	21126.31	20372.31	20265.08	20587.90	2.28	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	1004.36	1007.91	1015.10	1009.12	0.54	ppb
Thallium	205-1	1008.06	1001.78	989.30	999.71	0.96	ppb
Tin	118-1	1003.18	1008.48	999.23	1003.63	0.46	ppb
Titanium	47-1	5046.15	4954.19	4991.47	4997.27	0.93	ppb
Uranium	238-1	999.28	989.95	1003.66	997.63	0.70	ppb
Vanadium	51-2	1001.07	1006.64	988.22	998.64	0.95	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1998.66	2003.34	1968.64	1990.22	0.95	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	995.64	996.62	994.80	995.69	0.09	ppb
Zirconium	91-1	999.55	1000.05	1001.57	1000.39	0.11	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100588.22	99986.27	100193.87	100256.12	0.30	ppb
Antimony	121-1	1.19	1.17	1.16	1.17	1.26	ppb
Arsenic	75-2	1.40	1.33	1.21	1.31	7.37	ppb
Barium	135-1	0.47	0.42	0.37	0.42	12.39	ppb
Barium	137-1	0.45	0.46	0.44	0.45	2.67	ppb
Beryllium	9-1	0.15	0.11	0.12	0.13	19.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	21.34	21.25	18.83	20.47	6.94	ppb
Boron	11-1	22.89	19.54	19.53	20.65	9.38	ppb
Cadmium	111-1	0.15	0.07	0.07	0.10	42.86	ppb
Cadmium	106-1	1.31	0.75	0.51	0.85	48.05	ppb
Cadmium	108-1	0.23	0.01	0.01	0.08	156.19	ppb
Calcium	43-1	511022.26	482610.24	506802.78	500145.09	3.07	ppb
Calcium	44-1	512288.42	481558.05	508016.15	500620.87	3.33	ppb
Chromium	52-2	6.50	6.40	6.51	6.47	0.96	ppb
Cobalt	59-2	11.43	11.32	11.28	11.35	0.67	ppb
Copper	63-2	11.92	11.73	12.14	11.93	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	249285.85	250955.81	249416.03	249885.90	0.37	ppb
Iron	57-2	249680.19	248918.60	250728.98	249775.92	0.36	ppb
Krypton	83-1						cps
Lead	206-1	2.32	2.02	2.04	2.13	7.86	ppb
Lead	207-1	2.10	1.90	2.03	2.01	5.00	ppb
Lead	208-1	2.14	1.95	2.07	2.05	4.59	ppb
Lithium	6-1				121		%
Magnesium	24-2	504625.50	498791.64	497065.95	500161.03	0.79	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.25	7.11	7.64	7.33	3.73	ppb
Molybdenum	94-1	1.86	1.53	1.56	1.65	10.97	ppb
Molybdenum	95-1	1.90	1.83	1.79	1.84	3.01	ppb
Molybdenum	96-1	2.17	2.17	1.96	2.10	5.86	ppb
Molybdenum	97-1	2.03	1.67	1.74	1.81	10.53	ppb
Molybdenum	98-1	1.80	1.84	1.74	1.79	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.74	12.62	12.01	12.45	3.16	ppb
Phosphorus	31-2	-20.48	-10.41	-0.34	-10.41		ppb
Potassium	39-2	249801.47	249637.07	250389.56	249942.70	0.16	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	7.16	-2.10	-2.10	0.99	539.97	ppb
Selenium	78-2	-0.01	-0.52	1.43	0.30	338.21	ppb
Selenium	82-1	0.13	1.46	1.30	0.96	75.15	ppb
Silicon	28-1	54.11	42.33	55.06	50.50	14.05	ppb
Silver	109-1	0.17	0.14	0.12	0.14	15.60	ppb
Silver	107-1	0.18	0.11	0.16	0.15	23.78	ppb
Sodium	23-2	500252.11	501300.24	499513.76	500355.37	0.18	ppb
Strontium	86-1	3.70	3.66	3.61	3.66	1.25	ppb
Strontium	88-1	3.84	3.52	3.63	3.66	4.40	ppb
Sulfur	34-1	160.37	-1276.47	-250.34	-455.48		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.07	0.04	0.06	37.46	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	15.46	ppb
Tin	118-1	0.53	0.49	0.44	0.49	10.01	ppb
Titanium	47-1	0.82	0.81	0.83	0.82	1.29	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	27.93	ppb
Vanadium	51-2	0.13	0.13	0.16	0.14	13.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	16.16	15.21	16.63	16.00	4.52	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.18	0.20	0.19	4.63	ppb
Zirconium	91-1	0.25	0.19	0.22	0.22	11.99	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.93	515.70	532.45	521.36	1.84	ppb
Antimony	121-1	196.39	196.88	196.07	196.45	0.21	ppb
Arsenic	75-2	199.07	202.64	207.82	203.18	2.17	ppb
Barium	135-1	99.15	97.92	100.59	99.22	1.35	ppb
Barium	137-1	100.56	100.19	100.27	100.34	0.19	ppb
Beryllium	9-1	101.41	100.01	100.51	100.64	0.70	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	3.62	2.95	2.64	3.07	16.33	ppb
Boron	11-1	2.90	2.66	2.49	2.68	7.83	ppb
Cadmium	111-1	101.10	100.65	102.03	101.26	0.69	ppb
Cadmium	106-1	84.13	86.62	88.14	86.30	2.34	ppb
Cadmium	108-1	92.70	91.72	91.83	92.08	0.59	ppb
Calcium	43-1	2005.55	1952.02	1965.80	1974.46	1.41	ppb
Calcium	44-1	1990.81	1965.92	1974.95	1977.23	0.64	ppb
Chromium	52-2	99.13	98.16	101.72	99.67	1.84	ppb
Cobalt	59-2	102.37	101.87	102.76	102.33	0.44	ppb
Copper	63-2	102.73	102.68	105.26	103.56	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				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	1024.88	1034.43	1036.07	1031.79	0.59	ppb
Iron	57-2	1025.98	1007.42	994.10	1009.17	1.59	ppb
Krypton	83-1						cps
Lead	206-1	204.12	201.68	202.33	202.71	0.62	ppb
Lead	207-1	195.85	191.32	194.28	193.82	1.19	ppb
Lead	208-1	196.64	193.84	195.80	195.43	0.74	ppb
Lithium	6-1				117		%
Magnesium	24-2	1222.96	1235.27	1244.54	1234.26	0.88	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.61	100.40	100.81	100.61	0.21	ppb
Molybdenum	94-1	0.29	0.27	0.33	0.30	10.86	ppb
Molybdenum	95-1	0.35	0.34	0.38	0.36	5.48	ppb
Molybdenum	96-1	0.32	0.40	0.33	0.35	13.83	ppb
Molybdenum	97-1	0.39	0.30	0.31	0.33	14.13	ppb
Molybdenum	98-1	0.34	0.41	0.32	0.36	13.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.97	104.14	104.68	104.26	0.36	ppb
Phosphorus	31-2	-40.72	-11.36	-20.61	-24.23		ppb
Potassium	39-2	2016.29	1932.29	2072.97	2007.19	3.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	226.67	232.12	204.55	221.11	6.60	ppb
Selenium	78-2	198.41	193.27	191.20	194.29	1.91	ppb
Selenium	82-1	207.73	206.15	203.64	205.84	1.00	ppb
Silicon	28-1	3.10	1.26	2.29	2.22	41.61	ppb
Silver	109-1	101.73	99.46	99.71	100.30	1.24	ppb
Silver	107-1	100.96	100.92	102.37	101.42	0.81	ppb
Sodium	23-2	2061.62	2067.23	2106.26	2078.37	1.17	ppb
Strontium	86-1	2.05	2.11	1.82	2.00	7.62	ppb
Strontium	88-1	2.07	2.01	2.04	2.04	1.44	ppb
Sulfur	34-1	-764.34	-1087.66	-1045.99	-966.00		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	199.56	199.69	198.94	199.40	0.20	ppb
Thallium	205-1	201.06	201.75	202.33	201.71	0.31	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	814.82	ppb
Titanium	47-1	0.07	0.08	0.10	0.08	19.73	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	11.13	ppb
Vanadium	51-2	98.11	99.12	100.01	99.08	0.96	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	204.19	205.89	209.71	206.60	1.37	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.03	0.02	74.84	ppb
Zirconium	91-1	0.08	0.08	0.07	0.07	7.29	ppb

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:09:15 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	-0.76	0.88	-0.06		ppb
Antimony	121-1	0.05	0.06	0.08	0.07	23.82	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	117.37	ppb
Barium	135-1	-0.01	0.05	0.02	0.02	155.78	ppb
Barium	137-1	0.01	0.00	0.02	0.01	93.11	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	62.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	1.61	1.62	1.33	1.52	11.07	ppb
Boron	11-1	2.05	1.71	2.04	1.93	10.15	ppb
Cadmium	111-1	0.14	0.10	0.11	0.12	17.80	ppb
Cadmium	106-1	1.84	1.38	1.32	1.51	18.64	ppb
Cadmium	108-1	-0.04	0.02	-0.16	-0.06		ppb
Calcium	43-1	3.18	-4.01	1.86	0.35	1108.38	ppb
Calcium	44-1	6.30	7.13	5.86	6.43	10.03	ppb
Chromium	52-2	-0.19	-0.26	-0.11	-0.19		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.06	0.03	0.06	0.05	40.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	-0.26	0.11	-0.20	-0.12		ppb
Iron	57-2	0.06	0.10	0.31	0.16	88.34	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.08	0.07	26.63	ppb
Lead	207-1	0.06	0.08	0.09	0.07	22.70	ppb
Lead	208-1	0.06	0.07	0.07	0.07	8.94	ppb
Lithium	6-1				111		%
Magnesium	24-2	-0.70	-3.69	-3.42	-2.60		ppb

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:09:15 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.04	-0.01	-0.02		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	42.77	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	132.22	ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	38.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.08	0.01	0.02	206.61	ppb
Phosphorus	31-2	-10.15	-20.25	-40.72	-23.71		ppb
Potassium	39-2	5.10	8.09	-3.13	3.35	173.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.96	3.98	-2.10	0.95	319.74	ppb
Selenium	78-2	-0.02	0.46	1.45	0.63	118.98	ppb
Selenium	82-1	-0.81	0.41	0.61	0.07	1101.96	ppb
Silicon	28-1	2.74	2.57	1.40	2.24	32.69	ppb
Silver	109-1	0.03	0.04	0.03	0.03	7.67	ppb
Silver	107-1	0.03	0.04	0.04	0.04	14.01	ppb
Sodium	23-2	49.42	45.01	45.40	46.61	5.23	ppb
Strontium	86-1	0.01	0.04	0.08	0.04	81.22	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-126.12	86.19	-281.74	-107.23		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.00	0.00	170.55	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	135.30	ppb
Tin	118-1	0.01	-0.02	-0.03	-0.01		ppb
Titanium	47-1	-0.08	-0.04	-0.05	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	0.15	0.33	0.20	55.75	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:09:15	DataFile Name :	013CCBE.d

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

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:12:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85320.81	85789.76	85167.68	85426.08	0.38	ppb
Antimony	121-1	1.14	1.07	1.15	1.12	3.61	ppb
Arsenic	75-2	0.35	0.28	0.25	0.29	18.54	ppb
Barium	135-1	1.57	1.39	1.35	1.44	8.14	ppb
Barium	137-1	1.49	1.55	1.32	1.45	8.42	ppb
Beryllium	9-1	0.29	0.30	0.20	0.26	19.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	2.28	2.63	2.31	2.40	8.01	ppb
Boron	11-1	2.23	2.13	2.41	2.26	6.28	ppb
Cadmium	111-1	0.45	0.31	0.31	0.36	22.75	ppb
Cadmium	106-1	0.41	0.53	0.24	0.40	36.57	ppb
Cadmium	108-1	9.46	8.99	9.98	9.48	5.24	ppb
Calcium	43-1	95695.94	96114.75	96779.70	96196.79	0.57	ppb
Calcium	44-1	94721.77	94190.97	94231.19	94381.31	0.31	ppb
Chromium	52-2	19.06	19.42	19.41	19.30	1.06	ppb
Cobalt	59-2	1.15	1.17	1.13	1.15	1.72	ppb
Copper	63-2	8.54	8.31	8.25	8.37	1.86	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	96615.15	97838.91	97059.70	97171.25	0.64	ppb
Iron	57-2	98948.37	100662.48	99437.33	99682.72	0.89	ppb
Krypton	83-1						cps
Lead	206-1	4.62	4.64	4.57	4.61	0.78	ppb
Lead	207-1	4.02	4.20	3.90	4.04	3.78	ppb
Lead	208-1	4.12	4.24	4.19	4.18	1.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	97613.19	97212.80	96538.83	97121.61	0.56	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:12:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.37	7.64	8.09	7.70	4.75	ppb
Molybdenum	94-1	1273.03	1323.63	1274.91	1290.52	2.22	ppb
Molybdenum	95-1	1774.58	1849.60	1780.57	1801.58	2.31	ppb
Molybdenum	96-1	1717.85	1767.85	1722.98	1736.23	1.58	ppb
Molybdenum	97-1	1786.30	1851.60	1784.55	1807.48	2.11	ppb
Molybdenum	98-1	1769.60	1830.55	1756.84	1785.66	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.36	5.33	5.35	0.38	ppb
Phosphorus	31-2	98686.67	97754.70	96430.23	97623.87	1.16	ppb
Potassium	39-2	96413.65	98377.90	97166.65	97319.40	1.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.87	-2.10	-2.10	-1.11		ppb
Selenium	78-2	-0.05	1.39	-0.53	0.27	368.87	ppb
Selenium	82-1	1.85	1.33	2.71	1.96	35.29	ppb
Silicon	28-1	28.86	27.70	28.87	28.47	2.36	ppb
Silver	109-1	0.43	0.43	0.50	0.45	8.46	ppb
Silver	107-1	0.42	0.44	0.46	0.44	5.08	ppb
Sodium	23-2	96765.40	96721.30	96180.56	96555.75	0.34	ppb
Strontium	86-1	28.62	29.04	27.73	28.46	2.35	ppb
Strontium	88-1	28.58	28.96	28.02	28.52	1.67	ppb
Sulfur	34-1	76696.77	75591.98	76941.20	76409.98	0.94	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.08	0.05	0.08	38.04	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	14.06	ppb
Tin	118-1	0.13	0.14	0.15	0.14	8.89	ppb
Titanium	47-1	1929.89	1906.67	1914.52	1917.03	0.62	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	23.95	ppb
Vanadium	51-2	0.12	0.11	0.11	0.11	1.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	11.13	12.67	11.95	11.92	6.47	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:12:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.02	20.99	ppb
Zirconium	91-1	0.03	-0.02	0.01	0.01	243.01	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82745.73	86963.34	88004.92	85904.66	3.24	ppb
Antimony	121-1	20.13	20.70	20.12	20.32	1.63	ppb
Arsenic	75-2	18.69	19.37	20.01	19.35	3.39	ppb
Barium	135-1	21.26	21.20	20.81	21.09	1.17	ppb
Barium	137-1	20.82	21.74	20.77	21.11	2.59	ppb
Beryllium	9-1	20.17	20.55	20.16	20.29	1.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	63.11	62.18	67.04	64.11	4.02	ppb
Boron	11-1	62.26	64.74	63.76	63.59	1.97	ppb
Cadmium	111-1	19.77	20.50	19.48	19.92	2.63	ppb
Cadmium	106-1	24.49	27.94	25.50	25.97	6.82	ppb
Cadmium	108-1	33.00	30.87	31.24	31.71	3.58	ppb
Calcium	43-1	96197.11	98390.90	97423.02	97337.01	1.13	ppb
Calcium	44-1	94795.49	97814.32	95661.28	96090.37	1.62	ppb
Chromium	52-2	38.13	39.62	39.79	39.18	2.33	ppb
Cobalt	59-2	20.00	21.37	21.48	20.95	3.94	ppb
Copper	63-2	27.55	29.46	28.76	28.59	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	93444.75	99848.91	101007.40	98100.35	4.15	ppb
Iron	57-2	95320.39	102529.89	102981.82	100277.37	4.29	ppb
Krypton	83-1						cps
Lead	206-1	24.67	25.94	24.51	25.04	3.12	ppb
Lead	207-1	22.68	23.57	22.27	22.84	2.91	ppb
Lead	208-1	23.29	23.82	23.09	23.40	1.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	94265.55	98850.31	100368.17	97828.01	3.25	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.94	27.93	27.43	26.77	5.98	ppb
Molybdenum	94-1	1472.85	1491.83	1448.85	1471.17	1.46	ppb
Molybdenum	95-1	1905.41	1937.13	1880.27	1907.60	1.49	ppb
Molybdenum	96-1	1842.46	1903.05	1812.42	1852.64	2.49	ppb
Molybdenum	97-1	1911.79	1951.30	1897.53	1920.21	1.45	ppb
Molybdenum	98-1	1875.00	1936.22	1848.84	1886.68	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.57	26.10	26.04	25.57	3.39	ppb
Phosphorus	31-2	93864.41	98182.37	101311.48	97786.09	3.82	ppb
Potassium	39-2	94063.39	99166.50	100445.66	97891.85	3.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	9.51	28.30	19.45	19.09	49.26	ppb
Selenium	78-2	12.10	18.12	26.30	18.84	37.83	ppb
Selenium	82-1	17.09	19.63	20.70	19.14	9.69	ppb
Silicon	28-1	93.77	98.38	94.77	95.64	2.54	ppb
Silver	109-1	18.40	19.07	18.71	18.73	1.78	ppb
Silver	107-1	19.05	19.41	18.65	19.04	1.98	ppb
Sodium	23-2	93160.12	99839.82	99221.20	97407.05	3.79	ppb
Strontium	86-1	81.80	83.63	81.41	82.28	1.44	ppb
Strontium	88-1	83.63	84.87	82.05	83.52	1.69	ppb
Sulfur	34-1	76658.80	79176.27	76725.21	77520.10	1.85	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	19.19	20.25	19.11	19.52	3.25	ppb
Thallium	205-1	19.94	20.18	19.32	19.81	2.25	ppb
Tin	118-1	59.09	60.99	59.23	59.77	1.77	ppb
Titanium	47-1	2009.03	2051.89	1997.57	2019.49	1.42	ppb
Uranium	238-1	61.20	63.60	61.44	62.08	2.13	ppb
Vanadium	51-2	18.56	19.79	20.55	19.63	5.11	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	29.59	32.89	32.91	31.79	6.00	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	64.17	65.87	63.10	64.38	2.17	ppb
Zirconium	91-1	64.52	65.83	62.81	64.38	2.36	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51820.15	52461.54	51813.34	52031.68	0.72	ppb
Antimony	121-1	494.46	512.67	505.33	504.15	1.82	ppb
Arsenic	75-2	505.07	505.64	516.19	508.97	1.23	ppb
Barium	135-1	2493.00	2549.73	2560.70	2534.48	1.43	ppb
Barium	137-1	2489.03	2576.21	2553.86	2539.70	1.78	ppb
Beryllium	9-1	515.47	525.60	517.32	519.46	1.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	498.72	508.39	509.53	505.55	1.18	ppb
Boron	11-1	497.91	521.17	512.96	510.68	2.31	ppb
Cadmium	111-1	492.39	499.21	498.80	496.80	0.77	ppb
Cadmium	106-1	506.12	502.72	502.00	503.61	0.44	ppb
Cadmium	108-1	502.12	489.49	506.24	499.29	1.75	ppb
Calcium	43-1	245204.61	240796.27	243001.53	243000.80	0.91	ppb
Calcium	44-1	242669.33	240963.90	241457.68	241696.97	0.36	ppb
Chromium	52-2	509.52	512.73	508.61	510.29	0.42	ppb
Cobalt	59-2	499.39	508.11	499.49	502.33	1.00	ppb
Copper	63-2	981.67	987.79	969.88	979.78	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	126633.31	128101.65	126070.54	126935.17	0.83	ppb
Iron	57-2	130520.79	131959.94	130445.05	130975.26	0.65	ppb
Krypton	83-1						cps
Lead	206-1	509.26	505.05	509.18	507.83	0.47	ppb
Lead	207-1	508.69	505.48	505.52	506.56	0.36	ppb
Lead	208-1	510.85	511.85	516.16	512.96	0.55	ppb
Lithium	6-1				110		%
Magnesium	24-2	247341.94	248816.31	246068.12	247408.79	0.56	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.41	1008.23	986.74	997.79	1.08	ppb
Molybdenum	94-1	2589.85	2577.54	2513.84	2560.41	1.59	ppb
Molybdenum	95-1	2557.31	2536.66	2480.96	2524.97	1.56	ppb
Molybdenum	96-1	2577.64	2544.16	2514.28	2545.36	1.25	ppb
Molybdenum	97-1	2559.75	2569.62	2497.69	2542.35	1.53	ppb
Molybdenum	98-1	2568.13	2554.36	2514.67	2545.72	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.92	506.69	497.80	503.80	1.03	ppb
Phosphorus	31-2	10323.38	10654.17	10149.38	10375.64	2.47	ppb
Potassium	39-2	126511.27	127054.15	126582.30	126715.91	0.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	531.28	517.05	544.31	530.88	2.57	ppb
Selenium	78-2	488.44	512.30	516.23	505.65	2.97	ppb
Selenium	82-1	507.89	507.14	499.63	504.89	0.90	ppb
Silicon	28-1	516.50	518.12	520.60	518.41	0.40	ppb
Silver	109-1	497.16	505.16	500.23	500.85	0.81	ppb
Silver	107-1	500.74	499.37	500.39	500.16	0.14	ppb
Sodium	23-2	245129.70	247419.64	246279.39	246276.24	0.46	ppb
Strontium	86-1	502.73	506.62	496.65	502.00	1.00	ppb
Strontium	88-1	509.26	509.95	508.04	509.08	0.19	ppb
Sulfur	34-1	9649.95	9103.33	9563.83	9439.04	3.11	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	499.56	498.92	504.56	501.01	0.62	ppb
Thallium	205-1	523.46	517.74	528.11	523.11	0.99	ppb
Tin	118-1	490.46	500.23	497.02	495.90	1.00	ppb
Titanium	47-1	2599.85	2542.93	2585.85	2576.21	1.15	ppb
Uranium	238-1	543.61	527.66	540.52	537.26	1.57	ppb
Vanadium	51-2	506.68	513.01	507.99	509.22	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	994.19	997.38	985.64	992.41	0.61	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	527.64	524.49	521.13	524.42	0.62	ppb
Zirconium	91-1	516.52	513.34	510.85	513.57	0.55	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:24:53	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.16	-0.18	-0.11	-0.49		ppb
Antimony	121-1	0.15	0.15	0.11	0.14	16.80	ppb
Arsenic	75-2	0.01	0.01	0.09	0.04	123.33	ppb
Barium	135-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.02	0.01	0.01	0.00		ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	37.53	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	5.19	4.91	5.33	5.14	4.12	ppb
Boron	11-1	5.44	4.78	4.42	4.88	10.61	ppb
Cadmium	111-1	0.03	0.12	0.03	0.06	86.56	ppb
Cadmium	106-1	0.27	1.55	0.37	0.73	97.37	ppb
Cadmium	108-1	-0.04	0.07	-0.05	-0.01		ppb
Calcium	43-1	-4.54	-3.01	-0.55	-2.70		ppb
Calcium	44-1	20.53	16.33	13.77	16.88	20.21	ppb
Chromium	52-2	0.06	-0.19	-0.05	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	399.42	ppb
Copper	63-2	0.33	0.26	0.35	0.31	15.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	0.85	0.64	0.80	0.76	14.20	ppb
Iron	57-2	2.45	-1.13	-0.38	0.31	601.92	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.22	0.23	5.32	ppb
Lead	207-1	0.17	0.26	0.20	0.21	20.89	ppb
Lead	208-1	0.21	0.23	0.20	0.21	8.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.44	2.75	-0.26	0.69	261.88	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:24:53	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.12	-0.05	-0.06		ppb
Molybdenum	94-1	0.12	0.18	0.10	0.13	31.32	ppb
Molybdenum	95-1	0.14	0.12	0.06	0.10	42.15	ppb
Molybdenum	96-1	0.11	0.07	0.07	0.08	23.90	ppb
Molybdenum	97-1	0.16	0.00	0.06	0.07	109.35	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.00	0.05	79.22	ppb
Phosphorus	31-2	8.95	-40.72	-20.57	-17.45		ppb
Potassium	39-2	45.70	46.94	59.35	50.67	14.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	3.92	-2.10	3.96	1.93	180.73	ppb
Selenium	78-2	-0.52	-1.01	0.95	-0.20		ppb
Selenium	82-1	0.97	2.40	0.61	1.33	71.21	ppb
Silicon	28-1	12.97	-1.44	-1.65	3.29	254.48	ppb
Silver	109-1	0.04	0.08	0.05	0.06	35.75	ppb
Silver	107-1	0.05	0.06	0.08	0.06	19.47	ppb
Sodium	23-2	109.76	108.36	105.63	107.92	1.94	ppb
Strontium	86-1	0.00	-0.05	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	773.60	ppb
Sulfur	34-1	-1271.19	-1422.69	-1474.39	-1389.42		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.03	0.04	0.04	24.71	ppb
Thallium	205-1	0.05	0.07	0.06	0.06	13.26	ppb
Tin	118-1	0.04	0.01	0.02	0.02	55.48	ppb
Titanium	47-1	-0.04	-0.07	-0.04	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.14	0.03	-0.12	0.02	829.74	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:24:53	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.03	0.03	25.96	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BL	Instrumnet Name :	P8
Client Sample ID :	PBW412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:28:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.01	-1.01	-0.68	0.10	1591.41	ppb
Antimony	121-1	0.02	0.05	0.02	0.03	57.26	ppb
Arsenic	75-2	-0.02	0.07	0.00	0.02	282.23	ppb
Barium	135-1	0.00	0.01	0.00	0.00	344.56	ppb
Barium	137-1	-0.02	0.01	-0.02	-0.01		ppb
Beryllium	9-1	-0.01	0.06	0.00	0.02	239.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	3.25	2.53	3.68	3.15	18.44	ppb
Boron	11-1	4.24	3.01	3.24	3.50	18.68	ppb
Cadmium	111-1	0.07	-0.06	0.06	0.02	345.78	ppb
Cadmium	106-1	0.77	-0.84	0.76	0.23	401.54	ppb
Cadmium	108-1	0.07	0.12	-0.10	0.03	383.03	ppb
Calcium	43-1	0.31	-1.37	-2.70	-1.25		ppb
Calcium	44-1	18.10	11.46	9.45	13.00	34.81	ppb
Chromium	52-2	-0.07	-0.21	-0.06	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.25	0.17	0.18	0.20	22.20	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				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	-0.07	1.10	-0.10	0.31	220.77	ppb
Iron	57-2	0.86	-3.96	-4.76	-2.62		ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.18	0.10	0.14	27.60	ppb
Lead	207-1	0.11	0.16	0.15	0.14	19.01	ppb
Lead	208-1	0.14	0.16	0.13	0.14	10.85	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.18	2.59	-0.25	0.72	225.68	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BL	Instrumnet Name :	P8
Client Sample ID :	PBW412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:28:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	-0.10	0.06	-0.05		ppb
Molybdenum	94-1	0.01	0.09	0.01	0.03	127.89	ppb
Molybdenum	95-1	0.03	0.00	0.02	0.02	82.22	ppb
Molybdenum	96-1	0.05	0.01	0.03	0.03	63.18	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	45.72	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	-10.78	-10.04	-10.93	-10.58		ppb
Potassium	39-2	25.17	56.84	47.69	43.24	37.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.94	-2.10	0.89	-0.09		ppb
Selenium	78-2	0.46	-0.52	-0.05	-0.03		ppb
Selenium	82-1	1.22	0.72	1.13	1.02	26.16	ppb
Silicon	28-1	1.59	0.00	-3.85	-0.75		ppb
Silver	109-1	0.03	0.04	0.04	0.03	16.82	ppb
Silver	107-1	0.04	0.03	0.05	0.04	18.21	ppb
Sodium	23-2	85.77	89.84	80.13	85.25	5.72	ppb
Strontium	86-1	0.05	-0.04	0.09	0.04	180.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	789.60	ppb
Sulfur	34-1	-577.97	-1187.34	-1677.20	-1147.50		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.04	0.04	0.05	29.01	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.85	ppb
Tin	118-1	0.31	0.00	0.02	0.11	154.95	ppb
Titanium	47-1	0.03	0.02	-0.02	0.01	307.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.18	0.26	0.02	0.04	630.45	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BL	Instrumnet Name :	P8
Client Sample ID :	PBW412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:28:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	57.03	ppb
Zirconium	91-1	-0.01	-0.03	0.02	-0.01		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.86	36.74	38.58	37.73	2.45	ppb
Antimony	121-1	3.55	3.60	3.71	3.62	2.22	ppb
Arsenic	75-2	2.04	2.24	1.93	2.07	7.56	ppb
Barium	135-1	18.75	18.08	18.87	18.57	2.30	ppb
Barium	137-1	18.24	19.60	18.70	18.85	3.67	ppb
Beryllium	9-1	1.88	1.93	1.83	1.88	2.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	46.11	48.82	48.45	47.79	3.08	ppb
Boron	11-1	46.13	48.20	48.17	47.50	2.50	ppb
Cadmium	111-1	1.98	2.14	2.00	2.04	4.38	ppb
Cadmium	106-1	3.38	3.73	2.19	3.10	25.94	ppb
Cadmium	108-1	1.95	1.94	2.01	1.97	2.02	ppb
Calcium	43-1	895.80	907.98	907.81	903.86	0.77	ppb
Calcium	44-1	905.83	936.35	915.64	919.27	1.70	ppb
Chromium	52-2	3.40	3.72	4.10	3.74	9.48	ppb
Cobalt	59-2	1.92	2.01	1.97	1.96	2.20	ppb
Copper	63-2	3.96	4.19	4.05	4.06	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	368.98	379.84	378.88	375.90	1.60	ppb
Iron	57-2	347.08	354.93	379.89	360.63	4.75	ppb
Krypton	83-1						cps
Lead	206-1	2.04	1.83	2.00	1.95	5.75	ppb
Lead	207-1	1.91	1.70	1.82	1.81	5.73	ppb
Lead	208-1	1.92	1.84	1.87	1.87	2.26	ppb
Lithium	6-1				113		%
Magnesium	24-2	962.93	966.46	962.81	964.07	0.22	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.76	1.60	2.33	1.90	20.12	ppb
Molybdenum	94-1	8.97	9.19	8.94	9.03	1.50	ppb
Molybdenum	95-1	8.98	9.47	9.09	9.18	2.79	ppb
Molybdenum	96-1	9.03	9.09	9.14	9.09	0.61	ppb
Molybdenum	97-1	9.26	9.27	9.08	9.20	1.15	ppb
Molybdenum	98-1	9.09	9.27	8.99	9.12	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.94	1.97	1.96	0.77	ppb
Phosphorus	31-2	39.64	62.91	52.71	51.75	22.54	ppb
Potassium	39-2	962.53	980.13	951.38	964.68	1.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.92	6.99	13.26	7.06	87.39	ppb
Selenium	78-2	9.72	9.25	11.38	10.12	11.04	ppb
Selenium	82-1	10.42	11.79	10.26	10.82	7.75	ppb
Silicon	28-1	18.88	21.54	19.14	19.85	7.39	ppb
Silver	109-1	1.85	1.85	1.77	1.83	2.42	ppb
Silver	107-1	1.80	2.07	1.96	1.94	7.06	ppb
Sodium	23-2	990.19	1016.82	1035.94	1014.31	2.27	ppb
Strontium	86-1	1.55	1.65	1.47	1.56	5.81	ppb
Strontium	88-1	1.59	1.62	1.63	1.61	1.36	ppb
Sulfur	34-1	-1082.81	-759.66	-1132.53	-991.67		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.72	1.80	1.64	1.72	4.67	ppb
Thallium	205-1	1.90	1.93	1.83	1.89	2.78	ppb
Tin	118-1	9.41	9.63	9.57	9.54	1.18	ppb
Titanium	47-1	9.82	9.34	9.58	9.58	2.53	ppb
Uranium	238-1	1.78	1.77	1.70	1.75	2.59	ppb
Vanadium	51-2	9.33	10.16	10.19	9.89	4.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	3.70	4.40	4.46	4.19	10.06	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.73	1.86	1.80	1.80	3.63	ppb
Zirconium	91-1	1.64	1.85	1.66	1.72	6.86	ppb

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : PB117366BL Instrumnet Name : P8
 Client Sample ID : PBS366 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:35:37 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.01	0.60	-0.24	-0.21		ppb
Antimony	121-1	0.02	0.03	0.01	0.02	26.29	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	5.57	ppb
Barium	135-1	0.02	0.00	0.00	0.00	249.79	ppb
Barium	137-1	-0.01	0.02	-0.02	0.00		ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	90.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	2.28	1.80	1.35	1.81	25.63	ppb
Boron	11-1	2.78	2.36	2.43	2.52	8.87	ppb
Cadmium	111-1	0.00	0.15	0.12	0.09	86.61	ppb
Cadmium	106-1	-0.01	1.95	1.63	1.19	88.06	ppb
Cadmium	108-1	-0.16	-0.05	-0.05	-0.08		ppb
Calcium	43-1	1.96	-1.94	-4.10	-1.36		ppb
Calcium	44-1	8.12	9.70	8.10	8.64	10.60	ppb
Chromium	52-2	-0.22	-0.27	-0.29	-0.26		ppb
Cobalt	59-2	0.00	0.00	-0.02	0.00		ppb
Copper	63-2	0.06	0.08	0.07	0.07	14.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	-0.02	0.05	-0.17	-0.05		ppb
Iron	57-2	-1.25	-1.39	-0.23	-0.96		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.08	0.07	12.24	ppb
Lead	207-1	0.07	0.06	0.09	0.07	26.07	ppb
Lead	208-1	0.06	0.06	0.08	0.07	19.70	ppb
Lithium	6-1				113		%
Magnesium	24-2	0.58	-0.68	-1.31	-0.47		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:35:37	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.08	-0.03	-0.04		ppb
Molybdenum	94-1	0.00	0.03	0.01	0.01	80.67	ppb
Molybdenum	95-1	0.03	0.00	0.01	0.01	103.58	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	148.10	ppb
Molybdenum	97-1	-0.05	-0.04	-0.02	-0.04		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	1273.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.00	0.00		ppb
Phosphorus	31-2	-40.72	-20.62	-40.72	-34.02		ppb
Potassium	39-2	29.93	20.43	16.52	22.29	30.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-2.10	0.90	-2.10	-1.10		ppb
Selenium	78-2	-0.53	-0.04	0.48	-0.03		ppb
Selenium	82-1	-0.19	1.00	-1.49	-0.23		ppb
Silicon	28-1	1.12	0.21	-0.41	0.31	249.91	ppb
Silver	109-1	0.02	0.03	0.02	0.02	26.27	ppb
Silver	107-1	0.03	0.03	0.02	0.02	25.09	ppb
Sodium	23-2	58.53	49.18	42.19	49.96	16.41	ppb
Strontium	86-1	-0.05	0.07	0.04	0.02	302.27	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-631.42	-538.12	-673.12	-614.22		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.03	0.03	0.04	32.95	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	6.53	ppb
Tin	118-1	0.02	0.00	-0.04	0.00		ppb
Titanium	47-1	-0.03	0.05	0.00	0.01	517.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	-0.02	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-0.05	0.11	-0.06	0.00	4219.24	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:35:37	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	152.92	ppb
Zirconium	91-1	-0.03	0.02	0.01	0.00		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.99	35.93	38.70	37.54	3.84	ppb
Antimony	121-1	3.71	3.50	3.42	3.55	4.25	ppb
Arsenic	75-2	1.79	1.84	2.17	1.93	10.62	ppb
Barium	135-1	17.96	18.40	17.95	18.10	1.43	ppb
Barium	137-1	18.49	18.77	19.22	18.83	1.96	ppb
Beryllium	9-1	1.72	1.92	1.87	1.84	5.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	42.24	46.53	45.54	44.77	5.02	ppb
Boron	11-1	45.53	45.73	47.83	46.36	2.76	ppb
Cadmium	111-1	1.92	1.88	1.82	1.87	2.57	ppb
Cadmium	106-1	2.08	3.54	2.57	2.73	27.15	ppb
Cadmium	108-1	1.65	1.95	1.40	1.67	16.59	ppb
Calcium	43-1	913.00	902.91	898.33	904.75	0.83	ppb
Calcium	44-1	908.61	916.70	924.15	916.48	0.85	ppb
Chromium	52-2	3.74	3.66	3.59	3.66	2.03	ppb
Cobalt	59-2	1.89	2.00	1.87	1.92	3.66	ppb
Copper	63-2	3.88	3.95	3.76	3.86	2.39	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				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	374.80	370.21	363.40	369.47	1.55	ppb
Iron	57-2	387.47	359.35	350.96	365.92	5.23	ppb
Krypton	83-1						cps
Lead	206-1	1.82	1.88	1.89	1.86	1.87	ppb
Lead	207-1	1.88	1.75	1.87	1.83	4.09	ppb
Lead	208-1	1.81	1.82	1.86	1.83	1.62	ppb
Lithium	6-1				115		%
Magnesium	24-2	968.85	985.73	959.15	971.24	1.38	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.81	2.16	1.83	1.94	10.22	ppb
Molybdenum	94-1	9.19	9.09	8.83	9.04	2.09	ppb
Molybdenum	95-1	9.00	8.71	9.04	8.92	2.02	ppb
Molybdenum	96-1	9.16	9.04	8.90	9.03	1.45	ppb
Molybdenum	97-1	9.05	9.27	9.15	9.16	1.18	ppb
Molybdenum	98-1	8.96	9.48	9.12	9.19	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.00	2.03	2.04	2.34	ppb
Phosphorus	31-2	216.83	72.42	59.99	116.41	74.89	ppb
Potassium	39-2	994.23	960.11	949.82	968.05	2.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	13.27	7.10	10.09	10.15	30.41	ppb
Selenium	78-2	14.36	10.86	8.33	11.19	27.07	ppb
Selenium	82-1	11.29	10.62	10.09	10.67	5.64	ppb
Silicon	28-1	19.67	19.60	22.64	20.64	8.40	ppb
Silver	109-1	1.96	1.87	2.01	1.95	3.81	ppb
Silver	107-1	1.96	1.86	1.90	1.91	2.62	ppb
Sodium	23-2	996.37	1013.55	975.41	995.11	1.92	ppb
Strontium	86-1	1.53	1.73	1.51	1.59	7.68	ppb
Strontium	88-1	1.62	1.60	1.53	1.58	2.98	ppb
Sulfur	34-1	-496.07	-393.92	103.35	-262.21		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.73	1.79	1.65	1.72	4.14	ppb
Thallium	205-1	1.86	1.79	1.80	1.82	1.96	ppb
Tin	118-1	9.28	9.52	9.26	9.35	1.57	ppb
Titanium	47-1	9.28	9.89	9.67	9.62	3.19	ppb
Uranium	238-1	1.69	1.72	1.80	1.74	3.45	ppb
Vanadium	51-2	9.82	10.21	9.78	9.94	2.39	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4.09	4.10	3.83	4.01	3.88	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.81	1.92	1.74	1.82	5.07	ppb
Zirconium	91-1	1.75	1.94	1.82	1.83	5.06	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	360.12	370.35	374.45	368.31	2.00	ppb
Antimony	121-1	8.71	8.40	8.52	8.54	1.81	ppb
Arsenic	75-2	0.00	-0.02	0.01	0.00		ppb
Barium	135-1	34.64	34.36	33.77	34.26	1.29	ppb
Barium	137-1	36.01	35.58	35.52	35.70	0.75	ppb
Beryllium	9-1	7.11	6.94	7.06	7.04	1.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	1.61	1.87	1.49	1.66	11.88	ppb
Boron	11-1	1.74	1.88	1.57	1.73	9.08	ppb
Cadmium	111-1	5.30	5.24	4.54	5.03	8.41	ppb
Cadmium	106-1	5.85	4.48	3.30	4.54	28.14	ppb
Cadmium	108-1	3.75	4.16	4.25	4.05	6.56	ppb
Calcium	43-1	546.45	570.60	554.37	557.14	2.21	ppb
Calcium	44-1	575.92	577.39	576.76	576.69	0.13	ppb
Chromium	52-2	8.74	9.02	8.99	8.92	1.76	ppb
Cobalt	59-2	7.18	7.32	7.17	7.22	1.19	ppb
Copper	63-2	25.66	26.23	25.34	25.74	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	339.67	351.37	344.70	345.25	1.70	ppb
Iron	57-2	325.88	362.05	357.15	348.36	5.63	ppb
Krypton	83-1						cps
Lead	206-1	4.78	5.05	4.85	4.90	2.82	ppb
Lead	207-1	5.09	4.85	4.63	4.86	4.76	ppb
Lead	208-1	5.00	4.91	4.76	4.89	2.45	ppb
Lithium	6-1				114		%
Magnesium	24-2	491.19	509.80	488.86	496.62	2.31	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.07	5.50	5.04	5.21	4.90	ppb
Molybdenum	94-1	0.00	0.02	0.00	0.01	113.91	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.01	38.46	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.01	149.31	ppb
Molybdenum	97-1	-0.03	-0.06	-0.03	-0.04		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.23	14.81	14.40	14.48	2.07	ppb
Phosphorus	31-2	-40.72	-40.72	0.22	-27.08		ppb
Potassium	39-2	410.98	414.92	425.42	417.11	1.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	41.25	19.35	24.69	28.43	40.16	ppb
Selenium	78-2	23.96	22.23	15.80	20.66	20.81	ppb
Selenium	82-1	21.89	20.99	20.22	21.04	3.97	ppb
Silicon	28-1	-0.70	0.08	0.41	-0.07		ppb
Silver	109-1	4.11	3.96	3.70	3.92	5.32	ppb
Silver	107-1	4.13	3.99	3.81	3.98	4.04	ppb
Sodium	23-2	42.68	44.23	36.19	41.03	10.40	ppb
Strontium	86-1	0.06	-0.01	0.14	0.06	120.23	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	11.77	ppb
Sulfur	34-1	-526.24	-412.83	-463.20	-467.42		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	7.69	7.73	8.04	7.82	2.44	ppb
Thallium	205-1	7.85	7.84	7.72	7.80	0.95	ppb
Tin	118-1	-0.01	-0.02	0.01	0.00		ppb
Titanium	47-1	-0.04	-0.01	0.06	0.00	1221.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	8.80	8.90	8.99	8.90	1.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	6.75	6.23	6.09	6.36	5.45	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.01	0.00	204.50	ppb
Zirconium	91-1	-0.03	-0.04	-0.02	-0.03		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	346.28	364.35	354.57	355.07	2.55	ppb
Antimony	121-1	8.50	8.63	8.61	8.58	0.79	ppb
Arsenic	75-2	-0.04	-0.04	0.04	-0.02		ppb
Barium	135-1	32.96	33.17	35.37	33.83	3.94	ppb
Barium	137-1	34.95	33.54	35.76	34.75	3.23	ppb
Beryllium	9-1	7.11	7.09	6.79	7.00	2.53	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	1.41	1.01	0.88	1.10	25.38	ppb
Boron	11-1	1.06	1.37	1.09	1.17	14.86	ppb
Cadmium	111-1	4.72	4.97	4.86	4.85	2.59	ppb
Cadmium	106-1	3.84	6.02	3.62	4.49	29.56	ppb
Cadmium	108-1	5.27	3.85	4.55	4.56	15.67	ppb
Calcium	43-1	536.02	562.94	544.16	547.71	2.52	ppb
Calcium	44-1	562.13	559.34	569.44	563.64	0.92	ppb
Chromium	52-2	8.34	8.72	8.85	8.64	3.09	ppb
Cobalt	59-2	6.79	6.98	7.07	6.95	2.06	ppb
Copper	63-2	24.34	25.27	25.13	24.91	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	322.15	335.68	339.97	332.60	2.80	ppb
Iron	57-2	314.04	331.88	330.13	325.35	3.02	ppb
Krypton	83-1						cps
Lead	206-1	5.01	5.11	4.97	5.03	1.48	ppb
Lead	207-1	4.59	4.52	4.78	4.63	2.94	ppb
Lead	208-1	4.77	4.77	4.81	4.78	0.46	ppb
Lithium	6-1				113		%
Magnesium	24-2	451.73	475.57	484.57	470.62	3.61	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.87	4.70	5.11	4.89	4.27	ppb
Molybdenum	94-1	0.06	0.01	-0.02	0.01	304.16	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	110.62	ppb
Molybdenum	97-1	-0.05	-0.06	-0.04	-0.05		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.58	14.22	14.45	14.08	3.23	ppb
Phosphorus	31-2	-21.45	-30.72	-40.72	-30.97		ppb
Potassium	39-2	388.05	415.96	395.72	399.91	3.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	18.16	16.24	10.05	14.82	28.60	ppb
Selenium	78-2	17.20	21.18	16.63	18.34	13.51	ppb
Selenium	82-1	20.31	20.64	21.29	20.75	2.40	ppb
Silicon	28-1	-1.58	-3.90	-2.24	-2.58		ppb
Silver	109-1	3.89	3.94	3.78	3.87	2.07	ppb
Silver	107-1	3.87	3.94	4.00	3.93	1.64	ppb
Sodium	23-2	23.56	35.04	32.74	30.45	19.95	ppb
Strontium	86-1	-0.06	0.10	0.15	0.06	178.75	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	30.90	ppb
Sulfur	34-1	-1011.08	-1095.08	-1050.49	-1052.22		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	7.61	7.56	7.82	7.66	1.81	ppb
Thallium	205-1	7.64	7.86	7.73	7.74	1.43	ppb
Tin	118-1	-0.02	-0.04	-0.05	-0.03		ppb
Titanium	47-1	0.02	-0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	8.72	8.56	9.04	8.77	2.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	5.87	6.42	6.99	6.43	8.71	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00	1408.01	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.66	71.66	79.67	73.66	7.19	ppb
Antimony	121-1	1.72	1.74	1.79	1.75	1.89	ppb
Arsenic	75-2	0.01	-0.04	-0.04	-0.02		ppb
Barium	135-1	6.93	6.99	7.30	7.07	2.84	ppb
Barium	137-1	7.13	7.15	7.00	7.09	1.19	ppb
Beryllium	9-1	1.38	1.34	1.41	1.38	2.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	0.67	0.84	0.68	0.73	13.16	ppb
Boron	11-1	0.54	1.04	1.17	0.92	36.48	ppb
Cadmium	111-1	1.01	1.01	0.95	0.99	3.57	ppb
Cadmium	106-1	0.66	1.37	1.35	1.13	35.66	ppb
Cadmium	108-1	0.60	0.54	1.22	0.79	47.89	ppb
Calcium	43-1	111.19	122.12	120.25	117.85	4.96	ppb
Calcium	44-1	128.01	129.19	125.73	127.64	1.38	ppb
Chromium	52-2	1.82	1.72	1.79	1.78	2.95	ppb
Cobalt	59-2	1.43	1.52	1.50	1.48	3.03	ppb
Copper	63-2	5.02	5.40	5.29	5.24	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	67.99	68.92	69.32	68.74	0.99	ppb
Iron	57-2	68.78	62.68	64.13	65.20	4.89	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.00	1.04	1.04	3.57	ppb
Lead	207-1	0.87	0.96	0.92	0.92	5.13	ppb
Lead	208-1	0.96	0.97	0.98	0.97	1.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	101.82	98.21	105.74	101.92	3.70	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.88	1.01	0.91	9.07	ppb
Molybdenum	94-1	-0.04	0.02	0.02	0.00	10389.15	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	127.96	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	554.01	ppb
Molybdenum	97-1	-0.05	-0.02	-0.04	-0.04		ppb
Molybdenum	98-1	0.00	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	2.78	2.80	2.87	4.98	ppb
Phosphorus	31-2	-20.13	11.26	-30.12	-13.00		ppb
Potassium	39-2	80.05	90.76	99.97	90.26	11.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-2.10	-2.10	-2.10	-2.10		ppb
Selenium	78-2	6.54	4.05	4.52	5.04	26.29	ppb
Selenium	82-1	3.95	4.04	5.76	4.58	22.28	ppb
Silicon	28-1	4.63	4.70	4.23	4.52	5.64	ppb
Silver	109-1	0.80	0.82	0.78	0.80	2.39	ppb
Silver	107-1	0.82	0.79	0.70	0.77	8.55	ppb
Sodium	23-2	32.21	35.52	45.16	37.63	17.88	ppb
Strontium	86-1	-0.05	0.06	0.04	0.01	429.31	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	34.07	ppb
Sulfur	34-1	298.02	220.76	36.52	185.10	72.58	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.50	1.50	1.48	1.50	0.74	ppb
Thallium	205-1	1.58	1.57	1.58	1.58	0.41	ppb
Tin	118-1	-0.02	0.00	-0.02	-0.01		ppb
Titanium	47-1	-0.01	-0.11	0.08	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	2.00	1.81	1.95	1.92	5.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.17	1.62	1.39	1.39	16.27	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

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

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2122.29	2140.51	2124.12	2128.98	0.47	ppb
Antimony	121-1	101.38	103.66	100.78	101.94	1.49	ppb
Arsenic	75-2	38.51	35.47	38.49	37.49	4.66	ppb
Barium	135-1	1965.71	2015.11	1918.56	1966.46	2.46	ppb
Barium	137-1	1967.10	2019.33	1931.71	1972.71	2.23	ppb
Beryllium	9-1	54.90	55.36	55.31	55.19	0.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	0.24	0.88	0.48	0.53	61.19	ppb
Boron	11-1	0.73	0.70	0.61	0.68	9.13	ppb
Cadmium	111-1	52.81	54.11	51.88	52.93	2.12	ppb
Cadmium	106-1	43.65	45.44	44.73	44.60	2.02	ppb
Cadmium	108-1	49.83	48.29	47.31	48.48	2.63	ppb
Calcium	43-1	558.03	550.24	564.14	557.47	1.25	ppb
Calcium	44-1	573.74	570.37	577.03	573.71	0.58	ppb
Chromium	52-2	202.54	205.43	204.45	204.14	0.72	ppb
Cobalt	59-2	504.76	506.77	503.47	505.00	0.33	ppb
Copper	63-2	273.93	274.25	274.29	274.16	0.07	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				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	1340.55	1325.96	1339.78	1335.43	0.61	ppb
Iron	57-2	1400.65	1343.93	1352.66	1365.74	2.24	ppb
Krypton	83-1						cps
Lead	206-1	24.16	23.78	23.69	23.88	1.03	ppb
Lead	207-1	23.78	23.16	23.54	23.49	1.31	ppb
Lead	208-1	23.17	23.00	23.13	23.10	0.38	ppb
Lithium	6-1				111		%
Magnesium	24-2	494.53	481.05	486.19	487.26	1.40	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.79	488.30	485.23	489.78	1.11	ppb
Molybdenum	94-1	0.01	0.06	0.05	0.04	65.11	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	302.09	ppb
Molybdenum	96-1	0.02	0.02	0.05	0.03	60.23	ppb
Molybdenum	97-1	-0.07	-0.05	-0.03	-0.05		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	256.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.21	514.68	519.57	517.82	0.53	ppb
Phosphorus	31-2	-40.72	-30.60	-30.57	-33.96		ppb
Potassium	39-2	419.09	428.18	420.70	422.66	1.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	170.31	121.22	130.26	140.60	18.58	ppb
Selenium	78-2	132.71	134.87	132.94	133.51	0.89	ppb
Selenium	82-1	135.53	138.00	141.12	138.22	2.03	ppb
Silicon	28-1	-0.14	-2.28	-0.38	-0.93		ppb
Silver	109-1	51.11	52.90	51.64	51.89	1.77	ppb
Silver	107-1	51.96	52.75	52.10	52.27	0.81	ppb
Sodium	23-2	29.25	31.02	28.01	29.43	5.14	ppb
Strontium	86-1	0.07	0.07	0.14	0.09	44.97	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	1.84	ppb
Sulfur	34-1	-1096.82	-1284.92	-1189.06	-1190.27		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	53.95	54.35	54.70	54.33	0.69	ppb
Thallium	205-1	54.40	54.46	55.56	54.81	1.19	ppb
Tin	118-1	-0.03	0.00	-0.04	-0.02		ppb
Titanium	47-1	0.06	-0.05	0.00	0.00	3485.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	489.58	489.40	488.48	489.15	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	508.29	509.85	513.32	510.48	0.50	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00	313.89	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	84.71	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	153.17	168.19	159.64	160.33	4.70	ppb
Antimony	121-1	11.99	11.73	11.67	11.79	1.44	ppb
Arsenic	75-2	9.94	10.15	9.56	9.88	3.02	ppb
Barium	135-1	1.13	1.07	1.20	1.14	5.69	ppb
Barium	137-1	1.36	1.08	1.19	1.21	11.80	ppb
Beryllium	9-1	6.86	7.10	6.90	6.95	1.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	1.67	1.08	1.59	1.45	22.11	ppb
Boron	11-1	1.31	1.85	1.28	1.48	21.77	ppb
Cadmium	111-1	14.86	14.08	13.74	14.23	4.04	ppb
Cadmium	106-1	13.52	12.44	11.95	12.64	6.36	ppb
Cadmium	108-1	12.27	14.43	12.11	12.94	10.00	ppb
Calcium	43-1	206.87	225.46	218.31	216.88	4.32	ppb
Calcium	44-1	213.38	212.23	208.74	211.45	1.14	ppb
Chromium	52-2	14.63	14.63	14.64	14.63	0.06	ppb
Cobalt	59-2	0.09	0.05	0.07	0.07	25.20	ppb
Copper	63-2	13.29	13.04	13.39	13.24	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	121.68	122.12	121.37	121.72	0.31	ppb
Iron	57-2	123.96	127.50	112.23	121.23	6.60	ppb
Krypton	83-1						cps
Lead	206-1	10.27	9.93	9.92	10.04	1.97	ppb
Lead	207-1	9.61	10.08	9.84	9.85	2.42	ppb
Lead	208-1	9.76	9.82	9.83	9.80	0.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	63.73	62.62	61.00	62.45	2.20	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.48	15.19	14.58	14.75	2.61	ppb
Molybdenum	94-1	1.09	1.04	0.86	1.00	11.93	ppb
Molybdenum	95-1	0.02	0.02	0.05	0.03	52.56	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	11.96	ppb
Molybdenum	97-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.04	0.02	0.02	104.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.08	9.25	9.85	9.73	4.35	ppb
Phosphorus	31-2	-19.95	-40.72	-40.72	-33.80		ppb
Potassium	39-2	303.56	263.71	253.07	273.44	9.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	50.76	29.52	35.30	38.53	28.51	ppb
Selenium	78-2	27.59	31.13	18.10	25.60	26.31	ppb
Selenium	82-1	30.54	29.39	26.88	28.94	6.47	ppb
Silicon	28-1	105.97	108.92	106.46	107.12	1.48	ppb
Silver	109-1	9.59	9.25	9.09	9.31	2.76	ppb
Silver	107-1	9.38	8.99	9.32	9.23	2.27	ppb
Sodium	23-2	277.64	271.25	259.84	269.58	3.35	ppb
Strontium	86-1	1.68	1.84	1.48	1.67	10.91	ppb
Strontium	88-1	1.68	1.68	1.71	1.69	1.12	ppb
Sulfur	34-1	-2856.58	-3005.63	-3001.33	-2954.51		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	6.56	6.87	6.41	6.61	3.49	ppb
Thallium	205-1	6.53	6.74	6.54	6.61	1.79	ppb
Tin	118-1	0.16	0.09	0.13	0.13	26.59	ppb
Titanium	47-1	1.84	1.48	2.02	1.78	15.52	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	11.73	ppb
Vanadium	51-2	31.04	30.83	31.55	31.14	1.18	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	24.68	22.85	24.61	24.05	4.31	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.60	0.66	0.61	0.62	5.24	ppb
Zirconium	91-1	0.63	0.55	0.68	0.62	10.99	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	149.05	173.40	164.24	162.23	7.58	ppb
Antimony	121-1	12.09	12.00	11.94	12.01	0.62	ppb
Arsenic	75-2	10.35	10.34	9.85	10.18	2.82	ppb
Barium	135-1	1.09	1.19	1.16	1.15	4.46	ppb
Barium	137-1	1.19	1.18	1.16	1.17	1.25	ppb
Beryllium	9-1	7.10	7.35	6.77	7.07	4.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	2.05	2.19	1.98	2.07	5.23	ppb
Boron	11-1	1.59	1.54	1.51	1.55	2.51	ppb
Cadmium	111-1	13.98	14.21	14.11	14.10	0.82	ppb
Cadmium	106-1	14.42	15.34	12.04	13.93	12.20	ppb
Cadmium	108-1	12.25	11.90	12.03	12.06	1.47	ppb
Calcium	43-1	233.55	208.42	212.23	218.06	6.21	ppb
Calcium	44-1	204.82	212.20	207.90	208.31	1.78	ppb
Chromium	52-2	15.25	15.41	14.97	15.21	1.47	ppb
Cobalt	59-2	0.07	0.07	0.11	0.08	25.49	ppb
Copper	63-2	13.28	13.64	13.09	13.34	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	124.68	122.11	125.01	123.93	1.28	ppb
Iron	57-2	137.97	129.00	118.87	128.61	7.43	ppb
Krypton	83-1						cps
Lead	206-1	10.37	10.25	10.35	10.33	0.62	ppb
Lead	207-1	9.78	10.13	9.83	9.91	1.95	ppb
Lead	208-1	9.98	9.96	9.79	9.91	1.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	66.81	61.32	60.00	62.71	5.75	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.59	15.94	15.89	15.80	1.19	ppb
Molybdenum	94-1	1.00	0.89	1.04	0.97	7.95	ppb
Molybdenum	95-1	0.06	0.06	0.01	0.04	61.40	ppb
Molybdenum	96-1	0.19	0.14	0.16	0.17	16.04	ppb
Molybdenum	97-1	0.00	-0.02	0.07	0.02	295.82	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	76.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.72	10.18	9.46	9.79	3.75	ppb
Phosphorus	31-2	-40.72	-19.70	-19.54	-26.66		ppb
Potassium	39-2	220.80	242.39	228.09	230.43	4.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	29.23	41.43	35.60	35.42	17.23	ppb
Selenium	78-2	32.86	33.60	22.81	29.76	20.25	ppb
Selenium	82-1	27.33	28.89	29.58	28.60	4.04	ppb
Silicon	28-1	107.22	109.10	107.46	107.93	0.95	ppb
Silver	109-1	9.19	9.31	9.41	9.31	1.20	ppb
Silver	107-1	9.58	9.05	9.41	9.35	2.90	ppb
Sodium	23-2	239.84	228.90	242.44	237.06	3.03	ppb
Strontium	86-1	1.81	1.76	1.67	1.75	3.97	ppb
Strontium	88-1	1.66	1.66	1.64	1.65	0.79	ppb
Sulfur	34-1	-2843.57	-2615.58	-2920.20	-2793.12		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	6.72	6.45	6.37	6.52	2.76	ppb
Thallium	205-1	6.95	6.53	6.60	6.69	3.39	ppb
Tin	118-1	0.19	0.14	0.14	0.16	18.21	ppb
Titanium	47-1	1.85	1.74	2.05	1.88	8.37	ppb
Uranium	238-1	0.03	0.05	0.03	0.03	30.42	ppb
Vanadium	51-2	32.51	31.22	31.33	31.69	2.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	25.71	24.09	24.80	24.87	3.27	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.67	0.65	0.63	0.65	3.06	ppb
Zirconium	91-1	0.60	0.63	0.63	0.62	2.75	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.41	27.97	29.62	29.00	3.09	ppb
Antimony	121-1	2.28	2.21	2.31	2.27	2.13	ppb
Arsenic	75-2	2.02	1.81	1.89	1.91	5.72	ppb
Barium	135-1	0.20	0.26	0.18	0.22	19.75	ppb
Barium	137-1	0.23	0.27	0.24	0.25	8.14	ppb
Beryllium	9-1	1.39	1.20	1.42	1.34	8.72	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	0.12	0.89	1.46	0.82	82.31	ppb
Boron	11-1	0.65	0.58	0.98	0.74	28.88	ppb
Cadmium	111-1	2.66	2.88	2.66	2.73	4.60	ppb
Cadmium	106-1	2.93	4.98	2.92	3.61	32.77	ppb
Cadmium	108-1	2.39	1.69	2.21	2.10	17.19	ppb
Calcium	43-1	47.59	42.12	50.68	46.80	9.27	ppb
Calcium	44-1	37.32	33.75	37.34	36.14	5.72	ppb
Chromium	52-2	2.74	3.00	2.65	2.80	6.59	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	178.96	ppb
Copper	63-2	2.76	2.83	2.73	2.77	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	23.11	23.65	22.48	23.08	2.53	ppb
Iron	57-2	18.26	25.97	22.95	22.39	17.35	ppb
Krypton	83-1						cps
Lead	206-1	2.09	2.14	2.06	2.10	1.90	ppb
Lead	207-1	1.85	2.09	1.98	1.97	6.14	ppb
Lead	208-1	2.00	2.03	2.02	2.02	0.93	ppb
Lithium	6-1				105		%
Magnesium	24-2	11.85	9.62	11.70	11.06	11.24	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.76	2.73	2.47	2.65	6.14	ppb
Molybdenum	94-1	0.20	0.16	0.17	0.18	12.21	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	136.88	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.03	47.21	ppb
Molybdenum	97-1	-0.02	0.01	0.02	0.00	567.09	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	1.87	1.78	1.92	9.24	ppb
Phosphorus	31-2	-20.31	-30.43	-40.72	-30.49		ppb
Potassium	39-2	54.86	63.00	53.17	57.01	9.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	13.26	4.10	-2.10	5.09	151.79	ppb
Selenium	78-2	7.41	6.49	5.22	6.38	17.23	ppb
Selenium	82-1	5.74	6.49	6.24	6.16	6.19	ppb
Silicon	28-1	16.55	14.92	17.12	16.20	7.04	ppb
Silver	109-1	1.69	1.69	1.81	1.73	3.98	ppb
Silver	107-1	1.70	1.73	1.67	1.70	1.60	ppb
Sodium	23-2	60.22	66.83	63.45	63.50	5.21	ppb
Strontium	86-1	0.38	0.66	0.28	0.44	45.03	ppb
Strontium	88-1	0.32	0.32	0.31	0.32	2.82	ppb
Sulfur	34-1	-2324.73	-2452.59	-2106.23	-2294.52		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1.22	1.34	1.19	1.25	6.18	ppb
Thallium	205-1	1.29	1.38	1.29	1.32	4.03	ppb
Tin	118-1	0.01	-0.02	-0.02	-0.01		ppb
Titanium	47-1	0.48	0.37	0.44	0.43	13.77	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	609.22	ppb
Vanadium	51-2	5.89	5.90	5.51	5.77	3.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5.92	6.33	5.95	6.07	3.78	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.14	0.14	0.13	2.65	ppb
Zirconium	91-1	0.10	0.14	0.10	0.11	17.69	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.53	502.07	478.05	486.21	2.82	ppb
Antimony	121-1	27.97	28.91	28.39	28.42	1.66	ppb
Arsenic	75-2	16.98	17.64	17.68	17.43	2.26	ppb
Barium	135-1	355.89	371.61	368.36	365.28	2.27	ppb
Barium	137-1	365.29	383.17	375.11	374.52	2.39	ppb
Beryllium	9-1	15.42	15.71	15.13	15.42	1.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	1.39	2.15	1.04	1.53	37.08	ppb
Boron	11-1	1.22	0.93	1.50	1.22	23.67	ppb
Cadmium	111-1	21.34	21.92	20.89	21.39	2.42	ppb
Cadmium	106-1	16.71	19.02	18.84	18.19	7.08	ppb
Cadmium	108-1	19.46	18.73	21.59	19.93	7.46	ppb
Calcium	43-1	189.60	192.52	184.25	188.79	2.22	ppb
Calcium	44-1	173.08	177.97	177.22	176.09	1.50	ppb
Chromium	52-2	53.88	52.54	52.50	52.97	1.48	ppb
Cobalt	59-2	102.25	101.41	101.20	101.62	0.54	ppb
Copper	63-2	62.89	63.46	62.85	63.07	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	327.83	333.71	329.86	330.47	0.90	ppb
Iron	57-2	345.65	327.39	331.54	334.86	2.86	ppb
Krypton	83-1						cps
Lead	206-1	14.51	14.27	14.23	14.34	1.06	ppb
Lead	207-1	13.71	13.77	13.72	13.73	0.23	ppb
Lead	208-1	13.66	13.89	13.85	13.80	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	51.86	58.80	55.34	55.33	6.27	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	110.45	111.67	109.13	110.42	1.15	ppb
Molybdenum	94-1	1.03	0.80	0.87	0.90	12.87	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.03	45.90	ppb
Molybdenum	96-1	0.12	0.17	0.14	0.14	15.11	ppb
Molybdenum	97-1	0.00	0.04	0.02	0.02	127.25	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	32.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.41	112.30	112.69	112.13	0.58	ppb
Phosphorus	31-2	-19.73	-30.25	-19.94	-23.31		ppb
Potassium	39-2	161.96	178.86	172.72	171.18	5.00	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	40.69	72.62	50.73	54.68	29.86	ppb
Selenium	78-2	40.90	46.71	55.64	47.75	15.55	ppb
Selenium	82-1	46.29	49.30	47.30	47.63	3.22	ppb
Silicon	28-1	93.91	93.44	94.72	94.03	0.69	ppb
Silver	109-1	16.72	17.36	17.29	17.12	2.04	ppb
Silver	107-1	17.03	17.79	17.37	17.40	2.20	ppb
Sodium	23-2	178.70	180.65	184.32	181.22	1.58	ppb
Strontium	86-1	1.50	1.41	1.50	1.47	3.68	ppb
Strontium	88-1	1.39	1.40	1.43	1.41	1.36	ppb
Sulfur	34-1	-2984.62	-2762.66	-2673.10	-2806.79		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	14.70	15.33	14.55	14.86	2.81	ppb
Thallium	205-1	14.58	15.09	15.27	14.98	2.40	ppb
Tin	118-1	0.10	0.14	0.17	0.13	26.06	ppb
Titanium	47-1	1.79	1.43	1.57	1.60	11.41	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	25.46	ppb
Vanadium	51-2	124.19	125.02	121.62	123.61	1.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	122.18	123.63	120.48	122.10	1.29	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.68	0.57	0.60	12.21	ppb
Zirconium	91-1	0.61	0.64	0.50	0.58	12.74	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	481.92	487.96	470.84	480.24	1.81	ppb
Antimony	121-1	29.35	28.82	27.69	28.62	2.96	ppb
Arsenic	75-2	16.18	17.38	16.22	16.59	4.09	ppb
Barium	135-1	372.56	374.31	366.62	371.16	1.09	ppb
Barium	137-1	376.55	380.13	371.60	376.09	1.14	ppb
Beryllium	9-1	15.12	15.54	15.31	15.33	1.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	0.51	1.80	1.68	1.33	53.70	ppb
Boron	11-1	0.84	1.20	1.17	1.07	18.83	ppb
Cadmium	111-1	27.07	26.97	26.88	26.97	0.36	ppb
Cadmium	106-1	22.97	24.65	23.56	23.73	3.58	ppb
Cadmium	108-1	23.42	23.04	26.50	24.32	7.80	ppb
Calcium	43-1	184.06	167.71	188.95	180.24	6.17	ppb
Calcium	44-1	174.99	174.60	173.33	174.31	0.50	ppb
Chromium	52-2	51.41	51.13	51.42	51.32	0.31	ppb
Cobalt	59-2	99.09	98.38	98.64	98.70	0.37	ppb
Copper	63-2	61.13	61.24	60.86	61.08	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	320.26	319.82	320.34	320.14	0.09	ppb
Iron	57-2	321.82	314.75	328.14	321.57	2.08	ppb
Krypton	83-1						cps
Lead	206-1	14.35	14.52	14.28	14.38	0.86	ppb
Lead	207-1	14.17	14.26	14.04	14.16	0.75	ppb
Lead	208-1	14.09	14.03	13.96	14.03	0.48	ppb
Lithium	6-1				105		%
Magnesium	24-2	57.30	46.42	53.63	52.45	10.55	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.98	108.76	109.28	108.34	1.11	ppb
Molybdenum	94-1	0.98	0.89	0.87	0.91	6.22	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	41.40	ppb
Molybdenum	96-1	0.15	0.14	0.16	0.15	7.77	ppb
Molybdenum	97-1	0.00	0.02	0.05	0.03	104.86	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	37.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.24	107.83	110.47	108.51	1.59	ppb
Phosphorus	31-2	-30.35	-30.17	11.83	-16.23		ppb
Potassium	39-2	146.68	155.25	138.77	146.90	5.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	56.79	39.05	38.69	44.84	23.07	ppb
Selenium	78-2	53.00	49.04	52.15	51.40	4.05	ppb
Selenium	82-1	48.60	47.80	45.23	47.21	3.72	ppb
Silicon	28-1	100.08	95.63	95.68	97.13	2.63	ppb
Silver	109-1	17.35	17.15	16.88	17.13	1.37	ppb
Silver	107-1	17.25	17.71	16.83	17.27	2.55	ppb
Sodium	23-2	171.29	158.64	155.45	161.79	5.18	ppb
Strontium	86-1	1.47	1.48	1.63	1.53	6.10	ppb
Strontium	88-1	1.46	1.35	1.41	1.41	3.76	ppb
Sulfur	34-1	-1862.03	-2542.83	-2404.92	-2269.93		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	14.91	14.62	14.56	14.70	1.29	ppb
Thallium	205-1	14.91	14.94	15.17	15.01	0.93	ppb
Tin	118-1	0.08	0.14	0.10	0.11	25.64	ppb
Titanium	47-1	1.86	1.51	1.65	1.67	10.71	ppb
Uranium	238-1	0.05	0.02	0.03	0.03	45.35	ppb
Vanadium	51-2	121.61	123.20	123.32	122.71	0.78	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	116.42	119.57	118.62	118.20	1.37	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.65	0.63	0.55	0.61	8.32	ppb
Zirconium	91-1	0.57	0.50	0.57	0.55	7.10	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.58	466.49	490.99	484.36	3.23	ppb
Antimony	121-1	28.83	29.11	29.57	29.17	1.28	ppb
Arsenic	75-2	15.44	15.91	16.86	16.07	4.51	ppb
Barium	135-1	377.62	370.52	369.25	372.46	1.21	ppb
Barium	137-1	385.10	378.71	378.78	380.86	0.96	ppb
Beryllium	9-1	14.97	14.66	15.00	14.88	1.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	0.63	0.49	0.86	0.66	28.23	ppb
Boron	11-1	0.85	0.89	0.93	0.89	4.67	ppb
Cadmium	111-1	25.64	26.45	25.83	25.97	1.63	ppb
Cadmium	106-1	24.24	22.66	22.46	23.12	4.20	ppb
Cadmium	108-1	26.47	25.40	23.04	24.97	7.03	ppb
Calcium	43-1	191.06	195.72	191.17	192.65	1.38	ppb
Calcium	44-1	179.05	179.19	178.25	178.83	0.28	ppb
Chromium	52-2	52.49	52.18	52.61	52.43	0.43	ppb
Cobalt	59-2	98.01	99.44	101.75	99.73	1.89	ppb
Copper	63-2	62.14	62.56	62.79	62.50	0.53	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				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	323.78	326.23	333.01	327.68	1.46	ppb
Iron	57-2	315.81	331.89	341.34	329.68	3.91	ppb
Krypton	83-1						cps
Lead	206-1	14.54	14.70	14.80	14.68	0.90	ppb
Lead	207-1	14.13	14.01	13.58	13.90	2.08	ppb
Lead	208-1	14.11	14.04	14.10	14.08	0.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	56.65	58.39	50.43	55.16	7.59	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.97	107.94	111.28	109.40	1.56	ppb
Molybdenum	94-1	0.83	0.86	0.92	0.87	5.58	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	44.42	ppb
Molybdenum	96-1	0.14	0.10	0.12	0.12	17.07	ppb
Molybdenum	97-1	0.01	0.08	-0.02	0.02	206.25	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	21.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.78	110.47	111.40	110.22	1.21	ppb
Phosphorus	31-2	43.49	-19.77	-18.04	1.89	1904.16	ppb
Potassium	39-2	166.50	163.45	147.61	159.19	6.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	38.58	47.67	34.44	40.23	16.83	ppb
Selenium	78-2	45.95	48.68	48.82	47.82	3.39	ppb
Selenium	82-1	45.17	47.91	47.99	47.02	3.41	ppb
Silicon	28-1	113.67	103.85	105.08	107.53	4.98	ppb
Silver	109-1	17.07	17.16	17.20	17.15	0.41	ppb
Silver	107-1	17.58	17.15	17.38	17.37	1.25	ppb
Sodium	23-2	144.04	146.18	171.21	153.81	9.82	ppb
Strontium	86-1	1.43	1.43	1.43	1.43	0.14	ppb
Strontium	88-1	1.42	1.48	1.36	1.42	4.30	ppb
Sulfur	34-1	-2086.70	-2124.90	-2250.72	-2154.11		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	14.87	14.73	14.70	14.77	0.63	ppb
Thallium	205-1	15.16	14.81	14.95	14.97	1.16	ppb
Tin	118-1	0.11	0.13	0.09	0.11	19.33	ppb
Titanium	47-1	1.52	1.67	1.47	1.55	6.36	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	25.40	ppb
Vanadium	51-2	123.18	122.75	124.37	123.43	0.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	122.12	121.77	121.71	121.86	0.18	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.62	0.59	0.61	0.61	2.57	ppb
Zirconium	91-1	0.52	0.62	0.61	0.58	8.71	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51661.06	52646.20	52673.69	52326.98	1.10	ppb
Antimony	121-1	504.10	532.55	510.07	515.57	2.91	ppb
Arsenic	75-2	510.93	510.45	517.63	513.00	0.78	ppb
Barium	135-1	2514.08	2646.40	2548.42	2569.63	2.67	ppb
Barium	137-1	2519.24	2713.33	2591.81	2608.12	3.76	ppb
Beryllium	9-1	521.00	538.21	516.48	525.23	2.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	491.53	521.33	516.84	509.90	3.15	ppb
Boron	11-1	504.99	523.49	514.05	514.18	1.80	ppb
Cadmium	111-1	479.91	514.73	493.75	496.13	3.53	ppb
Cadmium	106-1	500.68	511.30	498.64	503.54	1.35	ppb
Cadmium	108-1	484.34	522.89	504.94	504.06	3.83	ppb
Calcium	43-1	246181.39	254835.63	252849.48	251288.83	1.80	ppb
Calcium	44-1	240520.30	252646.07	245375.05	246180.47	2.48	ppb
Chromium	52-2	516.56	524.10	531.45	524.04	1.42	ppb
Cobalt	59-2	506.98	518.63	516.67	514.09	1.21	ppb
Copper	63-2	992.43	1014.67	1010.10	1005.73	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	127794.96	130700.54	130100.35	129531.95	1.18	ppb
Iron	57-2	131975.36	135122.15	133977.86	133691.79	1.19	ppb
Krypton	83-1						cps
Lead	206-1	503.80	534.89	513.60	517.43	3.07	ppb
Lead	207-1	500.64	530.02	513.20	514.62	2.86	ppb
Lead	208-1	512.22	540.72	524.02	525.65	2.72	ppb
Lithium	6-1				117		%
Magnesium	24-2	247980.44	251910.17	251621.82	250504.15	0.87	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.54	1022.11	1012.16	1011.94	1.02	ppb
Molybdenum	94-1	2585.09	2713.32	2660.01	2652.81	2.43	ppb
Molybdenum	95-1	2577.33	2691.68	2619.56	2629.52	2.20	ppb
Molybdenum	96-1	2595.29	2712.78	2624.39	2644.15	2.31	ppb
Molybdenum	97-1	2595.64	2686.65	2648.52	2643.60	1.73	ppb
Molybdenum	98-1	2561.74	2676.06	2599.32	2612.37	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.90	521.81	518.80	516.50	1.31	ppb
Phosphorus	31-2	10567.42	10670.21	10394.89	10544.18	1.32	ppb
Potassium	39-2	125208.58	128461.13	128927.22	127532.31	1.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	557.51	480.14	532.82	523.49	7.55	ppb
Selenium	78-2	499.46	500.92	508.57	502.98	0.97	ppb
Selenium	82-1	499.00	524.80	510.71	511.50	2.53	ppb
Silicon	28-1	497.58	520.69	515.11	511.13	2.36	ppb
Silver	109-1	485.32	519.30	500.83	501.82	3.39	ppb
Silver	107-1	490.09	527.62	499.29	505.67	3.87	ppb
Sodium	23-2	247218.17	249463.50	250739.15	249140.28	0.72	ppb
Strontium	86-1	500.29	524.80	510.04	511.71	2.41	ppb
Strontium	88-1	505.72	536.59	519.56	520.62	2.97	ppb
Sulfur	34-1	10328.66	11334.33	10681.92	10781.64	4.73	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	499.76	519.31	504.58	507.88	2.01	ppb
Thallium	205-1	523.54	549.21	526.72	533.16	2.62	ppb
Tin	118-1	489.84	520.75	505.94	505.51	3.06	ppb
Titanium	47-1	2593.56	2695.75	2638.47	2642.59	1.94	ppb
Uranium	238-1	536.92	568.65	547.90	551.16	2.92	ppb
Vanadium	51-2	512.54	523.82	530.54	522.30	1.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1008.11	1019.69	1021.47	1016.42	0.71	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	528.64	553.00	537.47	539.70	2.29	ppb
Zirconium	91-1	516.96	539.42	524.63	527.00	2.17	ppb

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : CCB015 Instrumnet Name : P8
 Client Sample ID : CCB015 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 16:36:20 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-1.37	-0.25	-0.72		ppb
Antimony	121-1	0.08	0.12	0.08	0.09	24.79	ppb
Arsenic	75-2	-0.04	-0.02	-0.02	-0.03		ppb
Barium	135-1	0.02	0.01	0.01	0.01	60.54	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.01	0.03	0.03	0.02	135.35	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	2.92	3.51	2.96	3.13	10.47	ppb
Boron	11-1	3.08	3.15	2.48	2.90	12.64	ppb
Cadmium	111-1	0.10	-0.03	0.00	0.02	278.82	ppb
Cadmium	106-1	1.39	-0.39	0.04	0.35	266.62	ppb
Cadmium	108-1	0.11	0.00	-0.05	0.02	385.08	ppb
Calcium	43-1	-0.71	-0.68	-0.55	-0.64		ppb
Calcium	44-1	-4.14	-6.79	-8.87	-6.60		ppb
Chromium	52-2	-0.01	-0.08	0.02	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	0.27	0.27	0.25	0.26	5.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	-0.02	-0.48	-0.52	-0.34		ppb
Iron	57-2	-0.27	1.20	-1.57	-0.21		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.17	0.13	24.91	ppb
Lead	207-1	0.13	0.16	0.12	0.14	15.34	ppb
Lead	208-1	0.12	0.13	0.14	0.13	7.94	ppb
Lithium	6-1				115		%
Magnesium	24-2	-1.70	-3.53	-3.46	-2.90		ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:36:20	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.11	-0.02	-0.05		ppb
Molybdenum	94-1	0.02	0.07	0.13	0.07	76.38	ppb
Molybdenum	95-1	0.04	0.05	0.07	0.05	25.42	ppb
Molybdenum	96-1	0.07	0.08	0.06	0.07	12.15	ppb
Molybdenum	97-1	0.00	0.03	0.04	0.02	87.07	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	8.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-30.52	-30.73	-20.20	-27.15		ppb
Potassium	39-2	14.17	3.80	21.43	13.14	67.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-2.10	-2.10	-2.10	-2.10		ppb
Selenium	78-2	-0.52	-1.01	0.45	-0.36		ppb
Selenium	82-1	0.67	1.37	0.84	0.96	38.04	ppb
Silicon	28-1	2.27	2.71	2.69	2.56	9.66	ppb
Silver	109-1	0.02	0.03	0.02	0.02	30.07	ppb
Silver	107-1	0.01	0.00	0.03	0.02	79.98	ppb
Sodium	23-2	30.47	18.69	23.87	24.34	24.25	ppb
Strontium	86-1	0.12	0.06	-0.10	0.02	452.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	344.53	ppb
Sulfur	34-1	-585.51	-694.63	-617.66	-632.60		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.05	0.04	0.05	9.52	ppb
Thallium	205-1	0.04	0.04	0.06	0.04	21.02	ppb
Tin	118-1	0.01	0.01	0.01	0.01	35.85	ppb
Titanium	47-1	-0.02	0.01	-0.06	-0.02		ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.36	0.18	0.01	0.18	93.59	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:36:20	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.05	0.03	47.99	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	76.20	ppb

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	68	55	63	10.59	cps
Antimony	121-1	92	108	150	117	25.76	cps
Arsenic	75-2	6	15	7	9	52.86	cps
Barium	135-1	17	17	42	25	57.73	cps
Barium	137-1	50	42	50	47	10.18	cps
Beryllium	9-1	40	73	50	54	31.42	cps
Bismuth	209-1	1404029	1404565	1410360	1406318	0.25	cps
Bismuth	209-2	741425	740483	739109	740339	0.16	cps
Boron	10-1	67	108	167	114	44.11	cps
Boron	11-1	517	475	575	522	9.62	cps
Cadmium	111-1	378	410	507	431	15.64	cps
Cadmium	106-1	550	592	717	619	14.00	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	310	367	270	316	15.39	cps
Calcium	44-1	40565	41197	40468	40743	0.97	cps
Chromium	52-2	1997	2124	2317	2146	7.51	cps
Cobalt	59-2	120	113	83	106	18.51	cps
Copper	63-2	430	423	400	418	3.77	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	2483858	2471371	2464349	2473193	0.40	cps
Holmium	165-2	1035222	1026090	1025172	1028828	0.54	cps
Indium	115-1	2535923	2548628	2553102	2545885	0.35	cps
Indium	115-2	242146	243477	238598	241407	1.04	cps
Iron	56-2	4590	4329	4734	4551	4.52	cps
Iron	57-2	106	172	167	148	24.97	cps
Krypton	83-1	857	870	940	889	5.04	cps
Lead	206-1	94	139	156	130	24.37	cps
Lead	207-1	100	139	133	124	16.95	cps
Lead	208-1	500	506	589	532	9.37	cps
Lithium	6-1	363900	361696	359251	361616	0.64	cps
Magnesium	24-2	617	600	483	567	12.82	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	90	110	106	13.15	cps
Molybdenum	94-1	108	167	108	128	26.35	cps
Molybdenum	95-1	17	33	42	31	41.65	cps
Molybdenum	96-1	58	50	67	58	14.29	cps
Molybdenum	97-1	150	100	167	139	24.98	cps
Molybdenum	98-1	58	33	75	56	37.75	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	100	113	106	6.58	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	7261	7060	6935	7085	2.32	cps
Rhodium	103-1	2620113	2613637	2632309	2622020	0.36	cps
Rhodium	103-2	1145297	1135432	1132528	1137752	0.59	cps
Scandium	45-1	2267893	2281353	2229743	2259663	1.18	cps
Scandium	45-2	36762	36842	37149	36918	0.55	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	0	4	4	100.05	cps
Selenium	82-1	-72	-98	-122	-97	-25.76	cps
Silicon	28-1	342069	342137	344690	342966	0.44	cps
Silver	109-1	133	183	192	169	18.62	cps
Silver	107-1	217	100	167	161	36.33	cps
Sodium	23-2	13298	12514	12906	12906	3.04	cps
Strontium	86-1	1333	1275	1158	1256	7.10	cps
Strontium	88-1	100	83	58	81	26.03	cps
Sulfur	34-1	485316	484328	479510	483052	0.64	cps
Terbium	159-1	2665981	2674940	2651086	2664002	0.45	cps
Terbium	159-2	1035954	1031378	1012452	1026594	1.21	cps
Thallium	203-1	17	50	50	39	49.48	cps
Thallium	205-1	92	92	75	86	11.18	cps
Tin	118-1	325	300	292	306	5.68	cps
Titanium	47-1	83	175	150	136	34.81	cps
Uranium	238-1	58	25	25	36	53.30	cps
Vanadium	51-2	33	20	13	22	45.83	cps
Yttrium	89-1	3146968	3133572	3119466	3133335	0.44	cps
Yttrium	89-2	204437	202935	201415	202929	0.74	cps
Zinc	66-2	133	153	147	144	7.05	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:16:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	250	258	264	6.57	cps
Zirconium	91-1	67	100	75	81	21.54	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238	230	225	231	2.72	cps
Antimony	121-1	8128	7861	7678	7889	2.87	cps
Arsenic	75-2	135	131	144	137	4.87	cps
Barium	135-1	7853	7611	7703	7722	1.58	cps
Barium	137-1	13357	13532	13883	13591	1.97	cps
Beryllium	9-1	763	767	743	758	1.67	cps
Bismuth	209-1	1412172	1400014	1405821	1406002	0.43	cps
Bismuth	209-2	737572	736879	756857	743769	1.52	cps
Boron	10-1	2759	2609	2717	2695	2.87	cps
Boron	11-1	14016	13198	13265	13493	3.36	cps
Cadmium	111-1	1460	1465	1397	1441	2.64	cps
Cadmium	106-1	783	858	733	792	7.95	cps
Cadmium	108-1	67	75	83	75	11.11	cps
Calcium	43-1	7275	6682	6895	6951	4.33	cps
Calcium	44-1	146022	148689	148188	147633	0.96	cps
Chromium	52-2	3924	4104	3704	3911	5.12	cps
Cobalt	59-2	2024	1837	1700	1853	8.76	cps
Copper	63-2	3384	3320	3330	3345	1.02	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	8	33	17	19	65.48	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	2464970	2416513	2516935	2466139	2.04	cps
Holmium	165-2	1024532	1028228	1039318	1030693	0.75	cps
Indium	115-1	2560019	2478953	2509618	2516197	1.63	cps
Indium	115-2	240534	240947	245851	242444	1.22	cps
Iron	56-2	37829	38498	38164	38164	0.88	cps
Iron	57-2	950	1006	967	974	2.93	cps
Krypton	83-1	980	967	883	943	5.55	cps
Lead	206-1	1911	1800	1867	1859	3.01	cps
Lead	207-1	1583	1478	1650	1571	5.53	cps
Lead	208-1	7273	7062	7240	7192	1.58	cps
Lithium	6-1	360313	353985	358074	357458	0.90	cps
Magnesium	24-2	20524	21601	20833	20986	2.64	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	480	427	422	14.24	cps
Molybdenum	94-1	7394	8186	7753	7778	5.10	cps
Molybdenum	95-1	9429	9487	9712	9543	1.57	cps
Molybdenum	96-1	9946	10821	11055	10607	5.51	cps
Molybdenum	97-1	6035	6052	6385	6157	3.21	cps
Molybdenum	98-1	14684	15877	15034	15198	4.03	cps
Neodymium	150-1	33	27	13	24	41.68	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	587	693	607	12.96	cps
Phosphorus	31-2	67	75	25	56	48.22	cps
Potassium	39-2	19347	19289	20315	19651	2.93	cps
Rhodium	103-1	2593668	2540951	2576037	2570219	1.04	cps
Rhodium	103-2	1134574	1134487	1153802	1140954	0.98	cps
Scandium	45-1	2210585	2174007	2213187	2199260	1.00	cps
Scandium	45-2	37069	37203	37754	37342	0.97	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	31	17	31	27	32.21	cps
Selenium	82-1	251	312	438	334	28.53	cps
Silicon	28-1	372794	373572	374901	373756	0.29	cps
Silver	109-1	4142	4176	3834	4051	4.65	cps
Silver	107-1	4618	4634	4684	4645	0.75	cps
Sodium	23-2	56915	57509	57006	57144	0.56	cps
Strontium	86-1	2584	2442	2784	2603	6.60	cps
Strontium	88-1	10446	10263	10646	10452	1.84	cps
Sulfur	34-1	489712	493887	491049	491549	0.43	cps
Terbium	159-1	2646665	2611625	2614857	2624382	0.74	cps
Terbium	159-2	1020185	1021917	1035927	1026010	0.84	cps
Thallium	203-1	2134	2225	1859	2073	9.21	cps
Thallium	205-1	5251	5401	5210	5287	1.91	cps
Tin	118-1	13658	13349	12665	13224	3.84	cps
Titanium	47-1	3459	3042	3534	3345	7.92	cps
Uranium	238-1	5810	5235	6143	5729	8.02	cps
Vanadium	51-2	3651	3587	3591	3609	0.99	cps
Yttrium	89-1	3138427	3024287	3105322	3089345	1.90	cps
Yttrium	89-2	201441	204602	207440	204494	1.47	cps
Zinc	66-2	437	510	503	483	8.39	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:24:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6285	6285	6177	6249	1.00	cps
Zirconium	91-1	1350	1417	1550	1439	7.08	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9863	9981	9628	9824	1.83	cps
Antimony	121-1	204645	206292	208190	206375	0.86	cps
Arsenic	75-2	6748	6855	6637	6747	1.62	cps
Barium	135-1	198017	199220	204126	200454	1.61	cps
Barium	137-1	345672	346341	349973	347329	0.67	cps
Beryllium	9-1	39718	39264	40691	39891	1.83	cps
Bismuth	209-1	1475787	1428964	1309685	1404812	6.10	cps
Bismuth	209-2	750985	755718	726849	744517	2.08	cps
Boron	10-1	5493	5443	5851	5596	3.98	cps
Boron	11-1	26918	27369	28129	27472	2.23	cps
Cadmium	111-1	50145	51131	50706	50661	0.98	cps
Cadmium	106-1	6052	6552	5902	6168	5.52	cps
Cadmium	108-1	3767	3863	3621	3751	3.25	cps
Calcium	43-1	71192	70060	70224	70492	0.87	cps
Calcium	44-1	1167225	1175784	1177718	1173576	0.48	cps
Chromium	52-2	50096	50508	51147	50583	1.05	cps
Cobalt	59-2	92574	94404	93421	93466	0.98	cps
Copper	63-2	149102	148813	149652	149189	0.29	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	2545508	2502057	2302275	2449946	5.29	cps
Holmium	165-2	1052552	1057012	1006128	1038564	2.71	cps
Indium	115-1	2630800	2612904	2317867	2520524	6.97	cps
Indium	115-2	244196	244237	234050	240828	2.44	cps
Iron	56-2	1686671	1716189	1725511	1709457	1.19	cps
Iron	57-2	41289	42967	42393	42216	2.02	cps
Krypton	83-1	877	967	870	904	5.97	cps
Lead	206-1	88277	88546	90706	89176	1.49	cps
Lead	207-1	78587	81141	82176	80635	2.29	cps
Lead	208-1	355970	362560	367656	362062	1.62	cps
Lithium	6-1	374259	366651	342304	361071	4.62	cps
Magnesium	24-2	208890	207578	208288	208252	0.32	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31005	31546	31292	31281	0.87	cps
Molybdenum	94-1	407262	408413	408273	407983	0.15	cps
Molybdenum	95-1	507767	509881	507061	508236	0.29	cps
Molybdenum	96-1	557589	563381	571784	564251	1.26	cps
Molybdenum	97-1	310106	313579	319064	314250	1.44	cps
Molybdenum	98-1	800158	795935	808560	801551	0.80	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26151	27401	27150	26901	2.46	cps
Phosphorus	31-2	842	783	775	800	4.54	cps
Potassium	39-2	73911	74205	73283	73800	0.64	cps
Rhodium	103-1	2633558	2603495	2364814	2533956	5.81	cps
Rhodium	103-2	1142474	1149026	1090017	1127173	2.87	cps
Scandium	45-1	2334719	2249398	2042580	2208899	6.80	cps
Scandium	45-2	37898	37697	35154	36917	4.14	cps
Selenium	77-2	40	53	33	42	24.12	cps
Selenium	78-2	187	161	187	178	8.39	cps
Selenium	82-1	3738	3683	3768	3730	1.15	cps
Silicon	28-1	533763	534067	538777	535536	0.52	cps
Silver	109-1	227749	225723	227947	227140	0.54	cps
Silver	107-1	239867	240069	238734	239557	0.30	cps
Sodium	23-2	487030	491061	487983	488692	0.43	cps
Strontium	86-1	76079	76271	74730	75694	1.11	cps
Strontium	88-1	618435	628626	625397	624153	0.83	cps
Sulfur	34-1	512275	511378	508295	510649	0.41	cps
Terbium	159-1	2757929	2672763	2504208	2644966	4.88	cps
Terbium	159-2	1042588	1059234	997880	1033234	3.07	cps
Thallium	203-1	111496	112210	113723	112476	1.01	cps
Thallium	205-1	266386	267852	268709	267649	0.44	cps
Tin	118-1	133368	135843	136727	135313	1.29	cps
Titanium	47-1	171765	168932	172998	171232	1.22	cps
Uranium	238-1	319540	319347	315054	317980	0.80	cps
Vanadium	51-2	36969	37510	37069	37183	0.78	cps
Yttrium	89-1	3204269	3134964	2882182	3073805	5.52	cps
Yttrium	89-2	207356	204197	197867	203140	2.38	cps
Zinc	66-2	17057	17498	17755	17437	2.02	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:28:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	334855	339460	335650	336655	0.73	cps
Zirconium	91-1	73759	73658	73508	73641	0.17	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24106	24986	23901	24331	2.37	cps
Antimony	121-1	537081	540115	535145	537447	0.47	cps
Arsenic	75-2	17033	17381	17433	17282	1.26	cps
Barium	135-1	523981	517476	518788	520082	0.66	cps
Barium	137-1	914416	906506	904726	908549	0.57	cps
Beryllium	9-1	103845	106111	104771	104909	1.09	cps
Bismuth	209-1	1457341	1461076	1449119	1455845	0.42	cps
Bismuth	209-2	763366	773196	773416	769992	0.75	cps
Boron	10-1	13974	14650	14675	14433	2.75	cps
Boron	11-1	70441	72225	72886	71851	1.76	cps
Cadmium	111-1	128992	129148	129432	129191	0.17	cps
Cadmium	106-1	14584	14408	14392	14461	0.74	cps
Cadmium	108-1	9120	9345	9007	9157	1.88	cps
Calcium	43-1	181431	180167	179387	180328	0.57	cps
Calcium	44-1	2979841	3008906	2987714	2992154	0.50	cps
Chromium	52-2	125947	125780	126173	125966	0.16	cps
Cobalt	59-2	236525	237670	236876	237024	0.25	cps
Copper	63-2	379321	376689	381145	379051	0.59	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	50	17	28	69.27	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	2546192	2515284	2574298	2545258	1.16	cps
Holmium	165-2	1063369	1078848	1072167	1071461	0.72	cps
Indium	115-1	2570743	2579283	2584947	2578324	0.28	cps
Indium	115-2	245421	249843	248416	247893	0.91	cps
Iron	56-2	4272492	4323894	4347265	4314550	0.89	cps
Iron	57-2	108111	107529	106941	107527	0.54	cps
Krypton	83-1	933	933	753	873	11.90	cps
Lead	206-1	233534	235797	234319	234550	0.49	cps
Lead	207-1	212713	212356	210662	211910	0.52	cps
Lead	208-1	948910	944977	944485	946124	0.26	cps
Lithium	6-1	376989	385255	379742	380662	1.11	cps
Magnesium	24-2	521925	523530	526732	524062	0.47	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80725	80189	80655	80523	0.36	cps
Molybdenum	94-1	1071871	1056525	1059211	1062536	0.77	cps
Molybdenum	95-1	1330038	1325704	1328059	1327934	0.16	cps
Molybdenum	96-1	1507796	1510757	1520205	1512919	0.43	cps
Molybdenum	97-1	819668	815571	822797	819345	0.44	cps
Molybdenum	98-1	2128183	2121260	2121770	2123737	0.18	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	68116	67811	68310	68079	0.37	cps
Phosphorus	31-2	2225	1884	2284	2131	10.14	cps
Potassium	39-2	174823	177962	174350	175712	1.12	cps
Rhodium	103-1	2554258	2635287	2611862	2600469	1.60	cps
Rhodium	103-2	1149239	1159598	1148193	1152344	0.55	cps
Scandium	45-1	2287563	2287213	2255898	2276892	0.80	cps
Scandium	45-2	37527	37821	37333	37560	0.65	cps
Selenium	77-2	143	183	120	149	21.51	cps
Selenium	78-2	485	506	470	487	3.63	cps
Selenium	82-1	9896	9991	10003	9963	0.59	cps
Silicon	28-1	832148	838630	841590	837456	0.58	cps
Silver	109-1	589003	587960	582215	586392	0.62	cps
Silver	107-1	624912	621888	617952	621584	0.56	cps
Sodium	23-2	1250909	1249999	1242520	1247809	0.37	cps
Strontium	86-1	188536	192548	190622	190569	1.05	cps
Strontium	88-1	1641793	1630663	1663422	1645293	1.01	cps
Sulfur	34-1	538836	538695	537460	538330	0.14	cps
Terbium	159-1	2719462	2738717	2743598	2733926	0.47	cps
Terbium	159-2	1059837	1073461	1068891	1067396	0.65	cps
Thallium	203-1	292990	291463	296993	293815	0.97	cps
Thallium	205-1	702572	703748	709554	705291	0.53	cps
Tin	118-1	359696	355953	355277	356976	0.67	cps
Titanium	47-1	445582	441881	443022	443495	0.43	cps
Uranium	238-1	837991	839845	844071	840636	0.37	cps
Vanadium	51-2	95117	94026	94009	94384	0.67	cps
Yttrium	89-1	3144550	3184016	3169884	3166150	0.63	cps
Yttrium	89-2	205335	207650	208112	207032	0.72	cps
Zinc	66-2	44194	44893	44816	44634	0.86	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:32:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	870008	871797	866269	869358	0.32	cps
Zirconium	91-1	189943	191225	190186	190451	0.36	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49962	49568	49164	49565	0.80	cps
Antimony	121-1	1080216	1069868	1084357	1078147	0.69	cps
Arsenic	75-2	34885	34732	34599	34739	0.41	cps
Barium	135-1	1054838	1039554	1042687	1045693	0.77	cps
Barium	137-1	1855537	1855385	1845237	1852053	0.32	cps
Beryllium	9-1	211792	208859	213233	211295	1.05	cps
Bismuth	209-1	1538779	1461398	1651583	1550587	6.17	cps
Bismuth	209-2	781581	769096	745656	765445	2.38	cps
Boron	10-1	27895	27402	29439	28245	3.76	cps
Boron	11-1	144598	145810	148605	146337	1.40	cps
Cadmium	111-1	255921	258971	257006	257299	0.60	cps
Cadmium	106-1	27371	28974	28957	28434	3.24	cps
Cadmium	108-1	18926	18467	18968	18787	1.48	cps
Calcium	43-1	364658	358075	360283	361005	0.93	cps
Calcium	44-1	5828601	5873669	5835136	5845802	0.42	cps
Chromium	52-2	250646	250259	253410	251438	0.68	cps
Cobalt	59-2	476897	475685	479077	477220	0.36	cps
Copper	63-2	764554	764154	766352	765020	0.15	cps
Dysprosium	156-1	8	50	17	25	88.19	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	17	25	33.34	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	17	8	42	22	78.07	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	2656096	2538579	2878044	2690907	6.41	cps
Holmium	165-2	1094871	1079362	1037519	1070584	2.77	cps
Indium	115-1	2657523	2492432	2868577	2672844	7.05	cps
Indium	115-2	245961	243979	235852	241931	2.21	cps
Iron	56-2	8645149	8562039	8581880	8596356	0.50	cps
Iron	57-2	219208	214521	216297	216675	1.09	cps
Krypton	83-1	943	903	820	889	7.08	cps
Lead	206-1	474067	473531	473241	473613	0.09	cps
Lead	207-1	425512	428117	430594	428074	0.59	cps
Lead	208-1	1926285	1919129	1923508	1922974	0.19	cps
Lithium	6-1	398326	389388	419809	402508	3.88	cps
Magnesium	24-2	1062391	1064151	1058197	1061579	0.29	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164294	160349	161414	162019	1.26	cps
Molybdenum	94-1	2165789	2168635	2174554	2169660	0.21	cps
Molybdenum	95-1	2710224	2672303	2711573	2698033	0.83	cps
Molybdenum	96-1	3051498	2983491	3005262	3013417	1.15	cps
Molybdenum	97-1	1647320	1653376	1643819	1648172	0.29	cps
Molybdenum	98-1	4197926	4163694	4275487	4212369	1.36	cps
Neodymium	150-1	33	60	60	51	30.11	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	135639	138316	136609	136855	0.99	cps
Phosphorus	31-2	4393	4568	4868	4609	5.21	cps
Potassium	39-2	354147	351082	348865	351365	0.75	cps
Rhodium	103-1	2687629	2532167	2857983	2692593	6.05	cps
Rhodium	103-2	1156283	1131882	1100638	1129601	2.47	cps
Scandium	45-1	2369446	2246455	2449546	2355149	4.34	cps
Scandium	45-2	37657	37203	35642	36834	2.87	cps
Selenium	77-2	293	277	337	302	10.25	cps
Selenium	78-2	946	1009	1078	1011	6.50	cps
Selenium	82-1	19710	19888	20007	19868	0.75	cps
Silicon	28-1	1225075	1238901	1249660	1237879	1.00	cps
Silver	109-1	1175205	1175225	1179403	1176611	0.21	cps
Silver	107-1	1248524	1236934	1243531	1242996	0.47	cps
Sodium	23-2	2494712	2465892	2473234	2477946	0.60	cps
Strontium	86-1	383905	383056	384658	383873	0.21	cps
Strontium	88-1	3294155	3268348	3277154	3279886	0.40	cps
Sulfur	34-1	600032	587549	592414	593332	1.06	cps
Terbium	159-1	2883168	2713740	3020680	2872529	5.35	cps
Terbium	159-2	1090188	1073265	1027854	1063769	3.03	cps
Thallium	203-1	604791	604075	600302	603056	0.40	cps
Thallium	205-1	1442103	1434047	1426249	1434133	0.55	cps
Tin	118-1	716452	710818	710926	712732	0.45	cps
Titanium	47-1	886414	888036	879240	884563	0.53	cps
Uranium	238-1	1765331	1773355	1762010	1766899	0.33	cps
Vanadium	51-2	189327	187405	191206	189313	1.00	cps
Yttrium	89-1	3284491	3132771	3453786	3290349	4.88	cps
Yttrium	89-2	208711	204091	201156	204653	1.86	cps
Zinc	66-2	89829	88890	89721	89480	0.57	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:36:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1752603	1761677	1778755	1764345	0.75	cps
Zirconium	91-1	385982	386246	383460	385229	0.40	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:39:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98658	98864	98386	98636	0.24	cps
Antimony	121-1	2249457	2210842	2246058	2235453	0.96	cps
Arsenic	75-2	69948	69261	69233	69481	0.58	cps
Barium	135-1	2186562	2185203	2220426	2197397	0.91	cps
Barium	137-1	3748939	3750312	3803770	3767674	0.83	cps
Beryllium	9-1	430229	427753	428594	428859	0.29	cps
Bismuth	209-1	1509811	1507556	1490556	1502641	0.70	cps
Bismuth	209-2	777205	785620	800945	787923	1.53	cps
Boron	10-1	59433	58688	59165	59095	0.64	cps
Boron	11-1	297265	303860	300673	300599	1.10	cps
Cadmium	111-1	521428	523669	519281	521459	0.42	cps
Cadmium	106-1	56176	56553	56830	56520	0.58	cps
Cadmium	108-1	38175	38108	37762	38015	0.58	cps
Calcium	43-1	732409	721195	729488	727697	0.80	cps
Calcium	44-1	11800330	11687664	11725234	11737743	0.49	cps
Chromium	52-2	490718	497506	495459	494561	0.70	cps
Cobalt	59-2	939333	946937	943133	943134	0.40	cps
Copper	63-2	1494623	1511157	1506794	1504191	0.57	cps
Dysprosium	156-1	58	17	33	36	58.08	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	2669769	2645443	2652491	2655901	0.47	cps
Holmium	165-2	1099478	1104332	1116477	1106762	0.79	cps
Indium	115-1	2630621	2589504	2597108	2605744	0.84	cps
Indium	115-2	240993	245305	248194	244830	1.48	cps
Iron	56-2	16872187	16990722	16965880	16942930	0.37	cps
Iron	57-2	428008	428118	429771	428633	0.23	cps
Krypton	83-1	837	877	917	877	4.56	cps
Lead	206-1	968725	958868	963389	963661	0.51	cps
Lead	207-1	887984	869020	872656	876553	1.15	cps
Lead	208-1	4036465	3989973	3964949	3997129	0.91	cps
Lithium	6-1	403985	403121	401356	402821	0.33	cps
Magnesium	24-2	2110437	2177561	2140941	2142980	1.57	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:39:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320719	323889	320973	321861	0.55	cps
Molybdenum	94-1	4341256	4347950	4310848	4333351	0.46	cps
Molybdenum	95-1	5390927	5413837	5407895	5404220	0.22	cps
Molybdenum	96-1	6005528	6021631	5996525	6007894	0.21	cps
Molybdenum	97-1	3359456	3333704	3314442	3335867	0.68	cps
Molybdenum	98-1	8552411	8596168	8415731	8521437	1.10	cps
Neodymium	150-1	100	93	133	109	19.68	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	269262	271599	269344	270068	0.49	cps
Phosphorus	31-2	8153	8119	8378	8217	1.71	cps
Potassium	39-2	673977	691776	690006	685253	1.43	cps
Rhodium	103-1	2638737	2601181	2621928	2620615	0.72	cps
Rhodium	103-2	1132817	1148898	1162982	1148232	1.31	cps
Scandium	45-1	2290079	2305571	2282641	2292764	0.51	cps
Scandium	45-2	37480	38132	38506	38039	1.36	cps
Selenium	77-2	573	527	540	547	4.40	cps
Selenium	78-2	2045	1880	1893	1939	4.73	cps
Selenium	82-1	40159	39805	40077	40014	0.46	cps
Silicon	28-1	2051913	2050611	2033369	2045298	0.51	cps
Silver	109-1	2430388	2453105	2412544	2432012	0.84	cps
Silver	107-1	2518679	2560757	2543067	2540834	0.83	cps
Sodium	23-2	4848961	4883274	4917717	4883317	0.70	cps
Strontium	86-1	773268	782796	771321	775795	0.79	cps
Strontium	88-1	6495111	6597346	6559077	6550511	0.79	cps
Sulfur	34-1	722272	715999	714739	717670	0.56	cps
Terbium	159-1	2845638	2823032	2813194	2827288	0.59	cps
Terbium	159-2	1092051	1097249	1121843	1103714	1.44	cps
Thallium	203-1	1213676	1214616	1228925	1219072	0.70	cps
Thallium	205-1	2967257	2936824	3014543	2972875	1.32	cps
Tin	118-1	1460224	1436491	1458052	1451589	0.90	cps
Titanium	47-1	1814493	1821620	1805535	1813882	0.44	cps
Uranium	238-1	3626472	3597026	3581069	3601522	0.64	cps
Vanadium	51-2	378926	377657	380196	378927	0.34	cps
Yttrium	89-1	3198653	3244222	3206790	3216555	0.76	cps
Yttrium	89-2	206246	212113	213422	210594	1.81	cps
Zinc	66-2	177830	178758	178179	178256	0.26	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:39:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3527540	3531844	3529130	3529505	0.06	cps
Zirconium	91-1	765970	769075	775212	770086	0.61	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197661	196316	197121	197033	0.34	cps
Antimony	121-1	4450867	4512955	4474840	4479554	0.70	cps
Arsenic	75-2	138486	137998	139135	138540	0.41	cps
Barium	135-1	4370887	4412334	4387145	4390122	0.48	cps
Barium	137-1	7507559	7523099	7494682	7508446	0.19	cps
Beryllium	9-1	876439	880437	874946	877274	0.32	cps
Bismuth	209-1	1519054	1543955	1526505	1529838	0.84	cps
Bismuth	209-2	795081	804640	799049	799590	0.60	cps
Boron	10-1	121362	119855	125454	122224	2.37	cps
Boron	11-1	607638	602631	624032	611434	1.83	cps
Cadmium	111-1	1040831	1042680	1045644	1043051	0.23	cps
Cadmium	106-1	111424	113391	112451	112422	0.88	cps
Cadmium	108-1	74940	76277	76818	76012	1.27	cps
Calcium	43-1	1481768	1484464	1476146	1480793	0.29	cps
Calcium	44-1	23519472	23581463	23386900	23495945	0.42	cps
Chromium	52-2	976443	989483	988044	984657	0.73	cps
Cobalt	59-2	1899395	1893122	1891426	1894648	0.22	cps
Copper	63-2	2980113	3023398	3040386	3014632	1.03	cps
Dysprosium	156-1	58	67	100	75	29.39	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	8	75	33	39	86.61	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	2716489	2747245	2715479	2726405	0.66	cps
Holmium	165-2	1128676	1122156	1130458	1127097	0.39	cps
Indium	115-1	2594395	2623747	2603374	2607172	0.58	cps
Indium	115-2	244253	240020	242124	242133	0.87	cps
Iron	56-2	33922589	34222713	34117124	34087475	0.45	cps
Iron	57-2	861946	858657	856357	858987	0.33	cps
Krypton	83-1	777	933	853	854	9.17	cps
Lead	206-1	1966658	2004761	1967239	1979553	1.10	cps
Lead	207-1	1796880	1816926	1801197	1805001	0.58	cps
Lead	208-1	8110989	8226015	8090487	8142497	0.90	cps
Lithium	6-1	415588	415446	423410	418148	1.09	cps
Magnesium	24-2	4135869	4189052	4189716	4171546	0.74	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	643250	643431	643942	643541	0.06	cps
Molybdenum	94-1	8681570	8649837	8687057	8672821	0.23	cps
Molybdenum	95-1	10983513	10917498	11154841	11018617	1.11	cps
Molybdenum	96-1	12042410	12171484	12283174	12165690	0.99	cps
Molybdenum	97-1	6665953	6677457	6697506	6680305	0.24	cps
Molybdenum	98-1	17335091	17103086	17262507	17233561	0.69	cps
Neodymium	150-1	207	193	213	204	4.98	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	528239	533568	535854	532554	0.73	cps
Phosphorus	31-2	16510	17436	16285	16744	3.64	cps
Potassium	39-2	1369061	1385175	1395451	1383229	0.96	cps
Rhodium	103-1	2589448	2664360	2595721	2616510	1.59	cps
Rhodium	103-2	1142487	1144144	1147613	1144748	0.23	cps
Scandium	45-1	2303685	2333780	2336169	2324545	0.78	cps
Scandium	45-2	37764	37955	38530	38083	1.05	cps
Selenium	77-2	1150	1023	1163	1112	6.95	cps
Selenium	78-2	3706	3877	3827	3803	2.30	cps
Selenium	82-1	80403	80780	80250	80477	0.34	cps
Silicon	28-1	3470000	3450059	3494236	3471432	0.64	cps
Silver	109-1	4801095	4783805	4830370	4805090	0.49	cps
Silver	107-1	5033491	4967829	5049067	5016796	0.86	cps
Sodium	23-2	9648958	9659928	9650137	9653008	0.06	cps
Strontium	86-1	1583719	1592878	1599509	1592036	0.50	cps
Strontium	88-1	13335747	13309981	13326711	13324146	0.10	cps
Sulfur	34-1	975934	971609	970173	972572	0.31	cps
Terbium	159-1	2866520	2895538	2892887	2884982	0.56	cps
Terbium	159-2	1131321	1124803	1133066	1129730	0.39	cps
Thallium	203-1	2526421	2576901	2565945	2556422	1.04	cps
Thallium	205-1	5975121	6035222	5892645	5967663	1.20	cps
Tin	118-1	2969621	3015530	2985143	2990098	0.78	cps
Titanium	47-1	3635148	3615534	3646466	3632383	0.43	cps
Uranium	238-1	7145635	7195008	7212188	7184277	0.48	cps
Vanadium	51-2	755134	763166	760558	759620	0.54	cps
Yttrium	89-1	3280264	3274597	3298523	3284461	0.38	cps
Yttrium	89-2	211963	213664	213083	212904	0.41	cps
Zinc	66-2	351034	353631	352774	352480	0.38	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:43:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7046705	7041471	7079964	7056047	0.30	cps
Zirconium	91-1	1566095	1564178	1577995	1569423	0.48	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1024987	1020772	1023799	1023186	0.21	cps
Antimony	121-1	5335	5410	5176	5307	2.25	cps
Arsenic	75-2	198	191	176	188	6.01	cps
Barium	135-1	433	400	342	392	11.85	cps
Barium	137-1	708	750	692	717	4.19	cps
Beryllium	9-1	207	167	177	183	11.35	cps
Bismuth	209-1	1419555	1479871	1444366	1447931	2.09	cps
Bismuth	209-2	728142	724879	720409	724477	0.54	cps
Boron	10-1	2834	2909	2534	2759	7.19	cps
Boron	11-1	15167	13440	13123	13910	7.91	cps
Cadmium	111-1	606	547	529	561	7.22	cps
Cadmium	106-1	800	758	708	756	6.07	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Calcium	43-1	7228652	7327867	7367922	7308147	0.98	cps
Calcium	44-1	117404275	118464948	119656562	118508595	0.95	cps
Chromium	52-2	8473	8386	8499	8453	0.70	cps
Cobalt	59-2	21417	21256	21203	21292	0.52	cps
Copper	63-2	18115	17872	18489	18159	1.71	cps
Dysprosium	156-1	58	25	25	36	53.30	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	20	27	7	18	57.27	cps
Holmium	165-1	2577535	2678859	2642684	2633026	1.95	cps
Holmium	165-2	1080318	1083803	1084352	1082824	0.20	cps
Indium	115-1	2475976	2616661	2548696	2547111	2.76	cps
Indium	115-2	240627	238441	240101	239723	0.48	cps
Iron	56-2	165791776	167216632	166338176	166448861	0.43	cps
Iron	57-2	4152751	4147880	4181754	4160795	0.44	cps
Krypton	83-1	963	980	903	949	4.25	cps
Lead	206-1	4379	3995	3934	4103	5.87	cps
Lead	207-1	3617	3428	3567	3538	2.77	cps
Lead	208-1	16627	15871	16377	16292	2.36	cps
Lithium	6-1	433318	446700	436243	438754	1.60	cps
Magnesium	24-2	20974794	20771352	20717861	20821336	0.65	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2404	2364	2534	2434	3.65	cps
Molybdenum	94-1	3209	2809	2784	2934	8.13	cps
Molybdenum	95-1	4009	4076	3867	3984	2.67	cps
Molybdenum	96-1	5101	5376	4709	5062	6.62	cps
Molybdenum	97-1	2725	2392	2409	2509	7.49	cps
Molybdenum	98-1	5977	6435	5910	6107	4.68	cps
Neodymium	150-1	73	60	87	73	18.18	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	6812	6765	6445	6674	2.99	cps
Phosphorus	31-2	17	25	33	25	33.34	cps
Potassium	39-2	6725789	6734023	6760294	6740035	0.27	cps
Rhodium	103-1	2436340	2507877	2464152	2469456	1.46	cps
Rhodium	103-2	1074062	1074532	1078971	1075855	0.25	cps
Scandium	45-1	2214339	2376876	2275791	2289002	3.59	cps
Scandium	45-2	37416	37487	37520	37474	0.14	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	4	2	9	5	78.12	cps
Selenium	82-1	-87	16	3	-23	-248.39	cps
Silicon	28-1	501552	499706	518463	506573	2.04	cps
Silver	109-1	975	875	758	870	12.47	cps
Silver	107-1	1042	725	942	903	17.93	cps
Sodium	23-2	48295526	48487812	48357943	48380427	0.20	cps
Strontium	86-1	6844	7152	6860	6952	2.50	cps
Strontium	88-1	48805	47242	47241	47763	1.89	cps
Sulfur	34-1	487621	490276	492084	489994	0.46	cps
Terbium	159-1	2822914	2898328	2807203	2842815	1.71	cps
Terbium	159-2	1075511	1065001	1066238	1068916	0.54	cps
Thallium	203-1	225	217	125	189	29.37	cps
Thallium	205-1	400	358	325	361	10.41	cps
Tin	118-1	1875	1792	1583	1750	8.59	cps
Titanium	47-1	700	742	725	722	2.90	cps
Uranium	238-1	200	133	175	169	19.88	cps
Vanadium	51-2	120	117	143	127	11.47	cps
Yttrium	89-1	3127630	3300130	3199586	3209115	2.70	cps
Yttrium	89-2	206190	208886	210499	208525	1.04	cps
Zinc	66-2	2957	2797	3047	2934	4.32	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 14:47:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1625	1592	1634	1617	1.36	cps
Zirconium	91-1	450	392	417	419	6.98	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5500	5500	5525	5508	0.26	cps
Antimony	121-1	866260	869874	859998	865377	0.58	cps
Arsenic	75-2	27884	28084	28459	28142	1.04	cps
Barium	135-1	85735	84813	86491	85680	0.98	cps
Barium	137-1	149074	148772	147810	148552	0.44	cps
Beryllium	9-1	89627	89594	89493	89571	0.08	cps
Bismuth	209-1	1504872	1510732	1507587	1507730	0.19	cps
Bismuth	209-2	798382	790632	775316	788110	1.49	cps
Boron	10-1	575	500	458	511	11.57	cps
Boron	11-1	2392	2275	2150	2273	5.32	cps
Cadmium	111-1	104424	104135	104786	104448	0.31	cps
Cadmium	106-1	9938	10229	10321	10163	1.97	cps
Cadmium	108-1	6960	6898	6856	6905	0.76	cps
Calcium	43-1	30467	29972	30179	30206	0.82	cps
Calcium	44-1	526969	526354	528541	527288	0.21	cps
Chromium	52-2	101492	100571	101350	101138	0.49	cps
Cobalt	59-2	197415	196542	192970	195642	1.20	cps
Copper	63-2	158068	158061	157703	157944	0.13	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	33	0	31	95.79	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	2647017	2660766	2669107	2658963	0.42	cps
Holmium	165-2	1096940	1094057	1072224	1087741	1.24	cps
Indium	115-1	2675030	2705409	2680819	2687086	0.60	cps
Indium	115-2	257791	250876	250805	253157	1.59	cps
Iron	56-2	709377	716255	698236	707956	1.28	cps
Iron	57-2	17795	17484	16794	17358	2.95	cps
Krypton	83-1	933	913	870	906	3.57	cps
Lead	206-1	395880	392687	393126	393898	0.44	cps
Lead	207-1	346038	339339	343879	343085	1.00	cps
Lead	208-1	1569941	1553605	1566054	1563200	0.55	cps
Lithium	6-1	419492	425184	422608	422428	0.67	cps
Magnesium	24-2	53142	53694	52648	53161	0.98	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33066	33009	32261	32779	1.37	cps
Molybdenum	94-1	625	600	708	644	8.80	cps
Molybdenum	95-1	792	775	858	808	5.46	cps
Molybdenum	96-1	825	1042	850	906	13.09	cps
Molybdenum	97-1	658	550	558	589	10.24	cps
Molybdenum	98-1	1217	1467	1158	1281	12.79	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	56692	56809	55581	56360	1.20	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	63486	61176	63352	62671	2.07	cps
Rhodium	103-1	2728915	2733240	2723392	2728516	0.18	cps
Rhodium	103-2	1197393	1179544	1165958	1180965	1.33	cps
Scandium	45-1	2352504	2377089	2376935	2368843	0.60	cps
Scandium	45-2	38680	38697	37664	38347	1.54	cps
Selenium	77-2	257	260	227	248	7.41	cps
Selenium	78-2	770	743	726	746	3.01	cps
Selenium	82-1	16496	16475	16293	16421	0.68	cps
Silicon	28-1	367168	364965	368341	366824	0.47	cps
Silver	109-1	483243	473273	471017	475844	1.37	cps
Silver	107-1	501186	501803	505284	502758	0.44	cps
Sodium	23-2	219222	219877	217800	218967	0.48	cps
Strontium	86-1	4518	4643	4193	4451	5.22	cps
Strontium	88-1	27320	26719	27211	27083	1.18	cps
Sulfur	34-1	496939	494675	495604	495739	0.23	cps
Terbium	159-1	2834400	2839065	2818431	2830632	0.38	cps
Terbium	159-2	1094977	1075761	1080640	1083793	0.92	cps
Thallium	203-1	497333	499602	496674	497869	0.31	cps
Thallium	205-1	1180704	1189337	1190280	1186773	0.44	cps
Tin	118-1	275	358	358	331	14.56	cps
Titanium	47-1	192	200	217	203	6.28	cps
Uranium	238-1	217	192	183	197	8.80	cps
Vanadium	51-2	75824	76639	75264	75909	0.91	cps
Yttrium	89-1	3246216	3267105	3271025	3261449	0.41	cps
Yttrium	89-2	214108	211851	209324	211761	1.13	cps
Zinc	66-2	36869	37190	36866	36975	0.50	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:03:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	317	475	383	21.41	cps
Zirconium	91-1	200	208	192	200	4.16	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:09:15 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	55	73	63	14.43	cps
Antimony	121-1	325	392	467	394	17.97	cps
Arsenic	75-2	11	9	13	11	16.65	cps
Barium	135-1	17	67	42	42	60.00	cps
Barium	137-1	58	50	75	61	20.83	cps
Beryllium	9-1	67	77	87	77	13.04	cps
Bismuth	209-1	1454594	1469054	1453887	1459178	0.59	cps
Bismuth	209-2	772264	764080	772193	769512	0.61	cps
Boron	10-1	317	317	283	306	6.30	cps
Boron	11-1	1792	1583	1792	1722	6.98	cps
Cadmium	111-1	574	538	561	558	3.29	cps
Cadmium	106-1	817	775	783	792	2.78	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	363	257	347	322	17.81	cps
Calcium	44-1	42468	42294	42685	42482	0.46	cps
Chromium	52-2	1980	1900	2070	1984	4.29	cps
Cobalt	59-2	110	93	110	104	9.21	cps
Copper	63-2	510	457	510	492	6.26	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	25	25	33.34	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	8	8	17	86.62	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	2533377	2561099	2544411	2546296	0.55	cps
Holmium	165-2	1072464	1059366	1066202	1066011	0.61	cps
Indium	115-1	2610679	2615360	2646761	2624267	0.75	cps
Indium	115-2	250816	246468	245554	247613	1.14	cps
Iron	56-2	4406	4634	4490	4510	2.56	cps
Iron	57-2	150	150	156	152	2.11	cps
Krypton	83-1	973	917	867	919	5.81	cps
Lead	206-1	283	228	289	267	12.67	cps
Lead	207-1	222	261	278	254	11.24	cps
Lead	208-1	1033	1139	1095	1089	4.87	cps
Lithium	6-1	403116	401355	403436	402636	0.28	cps
Magnesium	24-2	542	417	433	464	14.63	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:09:15 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	93	103	99	5.15	cps
Molybdenum	94-1	108	125	150	128	16.41	cps
Molybdenum	95-1	58	42	58	53	18.23	cps
Molybdenum	96-1	67	92	58	72	24.02	cps
Molybdenum	97-1	108	108	125	114	8.45	cps
Molybdenum	98-1	75	92	100	89	14.33	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	147	113	119	21.41	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	7269	7319	7111	7233	1.50	cps
Rhodium	103-1	2675208	2617844	2670008	2654353	1.20	cps
Rhodium	103-2	1156201	1160157	1151372	1155910	0.38	cps
Scandium	45-1	2273079	2253339	2290199	2272206	0.81	cps
Scandium	45-2	37159	37009	37484	37217	0.65	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	4	6	9	6	45.85	cps
Selenium	82-1	-161	-66	-51	-93	-64.57	cps
Silicon	28-1	353645	350058	352066	351923	0.51	cps
Silver	109-1	317	333	317	322	2.99	cps
Silver	107-1	317	358	375	350	8.58	cps
Sodium	23-2	17728	17236	17495	17486	1.41	cps
Strontium	86-1	1283	1317	1400	1333	4.51	cps
Strontium	88-1	50	58	58	56	8.67	cps
Sulfur	34-1	494237	494587	494502	494442	0.04	cps
Terbium	159-1	2685628	2706435	2758037	2716700	1.37	cps
Terbium	159-2	1066874	1065746	1066399	1066339	0.05	cps
Thallium	203-1	33	67	50	50	33.34	cps
Thallium	205-1	83	108	142	111	26.34	cps
Tin	118-1	342	258	217	272	23.38	cps
Titanium	47-1	83	108	100	97	13.09	cps
Uranium	238-1	33	25	42	33	25.00	cps
Vanadium	51-2	23	7	20	17	52.90	cps
Yttrium	89-1	3160140	3139052	3177506	3158899	0.61	cps
Yttrium	89-2	207714	209388	208769	208624	0.41	cps
Zinc	66-2	167	170	203	180	11.27	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:09:15	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	242	250	242	3.45	cps
Zirconium	91-1	92	50	67	69	30.20	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:12:50 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	879522	874046	869804	874457	0.56	cps
Antimony	121-1	5160	4959	5293	5137	3.27	cps
Arsenic	75-2	59	48	44	51	15.24	cps
Barium	135-1	1392	1258	1217	1289	7.09	cps
Barium	137-1	2275	2400	2042	2239	8.12	cps
Beryllium	9-1	303	313	230	282	16.12	cps
Bismuth	209-1	1491012	1478518	1496149	1488560	0.61	cps
Bismuth	209-2	779545	774393	767572	773837	0.78	cps
Boron	10-1	392	433	392	406	5.93	cps
Boron	11-1	1884	1834	1975	1897	3.79	cps
Cadmium	111-1	930	794	798	841	9.22	cps
Cadmium	106-1	708	733	700	714	2.43	cps
Cadmium	108-1	725	700	775	733	5.21	cps
Calcium	43-1	1425115	1438999	1433049	1432388	0.49	cps
Calcium	44-1	22883804	22877395	22635941	22799047	0.62	cps
Chromium	52-2	20876	20979	21023	20959	0.36	cps
Cobalt	59-2	2270	2294	2227	2264	1.49	cps
Copper	63-2	13257	12749	12699	12902	2.39	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	23	13	3	13	75.02	cps
Gadolinium	160-1	8	42	8	19	99.00	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	2683333	2662645	2727849	2691276	1.24	cps
Holmium	165-2	1113587	1114672	1110440	1112900	0.20	cps
Indium	115-1	2659185	2624135	2659529	2647616	0.77	cps
Indium	115-2	251173	252086	252802	252020	0.32	cps
Iron	56-2	65004772	65060657	64698400	64921276	0.30	cps
Iron	57-2	1664945	1674039	1657659	1665548	0.49	cps
Krypton	83-1	800	863	740	801	7.70	cps
Lead	206-1	9009	8970	8942	8974	0.37	cps
Lead	207-1	7169	7425	6980	7191	3.10	cps
Lead	208-1	33140	33774	33802	33572	1.12	cps
Lithium	6-1	399664	400829	396355	398949	0.58	cps
Magnesium	24-2	4104897	4040403	4022084	4055794	1.07	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:12:50 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2470	2527	2677	2558	4.18	cps
Molybdenum	94-1	2236901	2258956	2243526	2246461	0.50	cps
Molybdenum	95-1	3942630	3991157	3961775	3965188	0.62	cps
Molybdenum	96-1	4223302	4221279	4242189	4228923	0.27	cps
Molybdenum	97-1	2415892	2432214	2417102	2421736	0.38	cps
Molybdenum	98-1	6159805	6188791	6124456	6157684	0.52	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2960	2930	2917	2936	0.76	cps
Phosphorus	31-2	82222	80497	79598	80772	1.65	cps
Potassium	39-2	2630507	2652661	2626417	2636529	0.54	cps
Rhodium	103-1	2602077	2634016	2608142	2614745	0.65	cps
Rhodium	103-2	1145031	1155076	1152507	1150872	0.45	cps
Scandium	45-1	2330786	2343241	2317522	2330516	0.55	cps
Scandium	45-2	37851	37410	37500	37587	0.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	9	2	5	78.12	cps
Selenium	82-1	48	6	118	57	98.88	cps
Silicon	28-1	446663	445293	444146	445367	0.28	cps
Silver	109-1	2250	2275	2600	2375	8.22	cps
Silver	107-1	2250	2417	2509	2392	5.48	cps
Sodium	23-2	9461149	9346595	9316858	9374867	0.81	cps
Strontium	86-1	47124	46413	45761	46433	1.47	cps
Strontium	88-1	384419	378364	377419	380067	1.00	cps
Sulfur	34-1	2244157	2231030	2236882	2237356	0.29	cps
Terbium	159-1	2849539	2894751	2891228	2878506	0.87	cps
Terbium	159-2	1102944	1105288	1100541	1102924	0.22	cps
Thallium	203-1	317	233	167	239	31.46	cps
Thallium	205-1	492	500	408	467	10.86	cps
Tin	118-1	700	742	783	742	5.62	cps
Titanium	47-1	1406696	1397201	1387557	1397151	0.68	cps
Uranium	238-1	167	117	158	147	18.20	cps
Vanadium	51-2	110	107	107	108	1.78	cps
Yttrium	89-1	3313617	3218361	3318519	3283499	1.72	cps
Yttrium	89-2	214300	213514	213233	213682	0.26	cps
Zinc	66-2	2107	2350	2230	2229	5.46	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:12:50	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	458	408	444	7.10	cps
Zirconium	91-1	133	58	108	100	38.19	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	890568	883316	888282	887389	0.42	cps
Antimony	121-1	90616	91865	90472	90984	0.84	cps
Arsenic	75-2	2689	2660	2713	2687	1.00	cps
Barium	135-1	18764	18447	18339	18517	1.19	cps
Barium	137-1	31513	32432	31380	31775	1.80	cps
Beryllium	9-1	16944	17084	17050	17026	0.43	cps
Bismuth	209-1	1495669	1457317	1498828	1483938	1.56	cps
Bismuth	209-2	794731	763690	750453	769625	2.95	cps
Boron	10-1	7444	7260	7953	7552	4.75	cps
Boron	11-1	36865	37918	37993	37592	1.68	cps
Cadmium	111-1	21199	21644	20858	21234	1.86	cps
Cadmium	106-1	3426	3759	3534	3573	4.76	cps
Cadmium	108-1	2534	2338	2396	2422	4.15	cps
Calcium	43-1	1438350	1436207	1444585	1439714	0.30	cps
Calcium	44-1	22993862	23161354	23010896	23055371	0.40	cps
Chromium	52-2	41301	40412	40328	40680	1.33	cps
Cobalt	59-2	39493	39817	39777	39696	0.45	cps
Copper	63-2	43645	44003	42699	43449	1.55	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	25	33	42	33	25.00	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	2705933	2667054	2638709	2670566	1.26	cps
Holmium	165-2	1139831	1084305	1085613	1103250	2.87	cps
Indium	115-1	2645721	2601625	2654779	2634042	1.08	cps
Indium	115-2	257452	244760	247105	249772	2.70	cps
Iron	56-2	65642446	66195882	66543418	66127249	0.69	cps
Iron	57-2	1674586	1699922	1696694	1690401	0.82	cps
Krypton	83-1	997	973	860	943	7.75	cps
Lead	206-1	47685	48833	47472	47997	1.53	cps
Lead	207-1	39936	40443	39312	39897	1.42	cps
Lead	208-1	185294	184610	184082	184662	0.33	cps
Lithium	6-1	397587	393493	400255	397112	0.86	cps
Magnesium	24-2	4138831	4095997	4132771	4122533	0.56	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8459	8926	8716	8701	2.69	cps
Molybdenum	94-1	2546888	2540499	2523381	2536923	0.48	cps
Molybdenum	95-1	4166051	4171025	4140594	4159223	0.39	cps
Molybdenum	96-1	4457697	4534316	4416518	4469510	1.34	cps
Molybdenum	97-1	2544532	2557639	2543696	2548622	0.31	cps
Molybdenum	98-1	6423020	6531911	6378894	6444608	1.22	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	13774	13804	13684	13754	0.45	cps
Phosphorus	31-2	81653	80604	82649	81635	1.25	cps
Potassium	39-2	2679664	2665762	2683102	2676176	0.34	cps
Rhodium	103-1	2624929	2561499	2606600	2597676	1.26	cps
Rhodium	103-2	1188200	1122349	1113881	1141477	3.56	cps
Scandium	45-1	2340178	2284603	2320755	2315179	1.22	cps
Scandium	45-2	39519	37296	37062	37959	3.57	cps
Selenium	77-2	13	33	23	23	42.86	cps
Selenium	78-2	52	72	102	75	33.39	cps
Selenium	82-1	1270	1452	1571	1431	10.59	cps
Silicon	28-1	658181	657090	655928	657066	0.17	cps
Silver	109-1	89280	91192	90655	90376	1.09	cps
Silver	107-1	96545	96965	94413	95974	1.43	cps
Sodium	23-2	9510561	9618282	9498751	9542531	0.69	cps
Strontium	86-1	130116	130973	130427	130505	0.33	cps
Strontium	88-1	1106803	1106166	1093664	1102211	0.67	cps
Sulfur	34-1	2252338	2254654	2235138	2247377	0.47	cps
Terbium	159-1	2889601	2848655	2885495	2874584	0.78	cps
Terbium	159-2	1129284	1084844	1070858	1094995	2.79	cps
Thallium	203-1	47566	48904	47482	47984	1.66	cps
Thallium	205-1	116439	114833	113053	114775	1.48	cps
Tin	118-1	176647	179717	176797	177720	0.97	cps
Titanium	47-1	1470277	1465977	1449758	1462004	0.74	cps
Uranium	238-1	430929	436337	433508	433592	0.62	cps
Vanadium	51-2	14675	14765	15235	14891	2.02	cps
Yttrium	89-1	3260982	3211414	3284402	3252266	1.15	cps
Yttrium	89-2	219182	209224	206671	211692	3.12	cps
Zinc	66-2	5591	5848	5815	5751	2.43	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:16:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	451729	456644	447401	451925	1.02	cps
Zirconium	91-1	100571	101058	98606	100078	1.30	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	538644	539576	539893	539371	0.12	cps
Antimony	121-1	2201867	2239918	2224599	2222128	0.86	cps
Arsenic	75-2	70525	69702	70750	70326	0.78	cps
Barium	135-1	2175858	2183416	2209461	2189579	0.81	cps
Barium	137-1	3724260	3782042	3777696	3761333	0.86	cps
Beryllium	9-1	428421	437822	436275	434172	1.16	cps
Bismuth	209-1	1443603	1448302	1434397	1442101	0.49	cps
Bismuth	209-2	762496	747304	749491	753097	1.09	cps
Boron	10-1	57533	58779	59642	58651	1.81	cps
Boron	11-1	288697	302838	301778	297771	2.65	cps
Cadmium	111-1	511694	508999	512445	511046	0.35	cps
Cadmium	106-1	57021	55574	55917	56171	1.35	cps
Cadmium	108-1	38012	36358	37887	37419	2.46	cps
Calcium	43-1	3576786	3560541	3578804	3572044	0.28	cps
Calcium	44-1	57368696	57745152	57632442	57582097	0.34	cps
Chromium	52-2	505558	503376	505886	504940	0.27	cps
Cobalt	59-2	949835	956241	952343	952806	0.34	cps
Copper	63-2	1486699	1480230	1472443	1479791	0.48	cps
Dysprosium	156-1	83	17	17	39	98.97	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	2653577	2659039	2685169	2665928	0.63	cps
Holmium	165-2	1104767	1092420	1096562	1097917	0.57	cps
Indium	115-1	2591018	2572415	2598811	2587415	0.52	cps
Indium	115-2	245682	239726	237335	240914	1.78	cps
Iron	56-2	85907644	85989863	85735388	85877632	0.15	cps
Iron	57-2	2214382	2215255	2218519	2216052	0.10	cps
Krypton	83-1	973	813	793	860	11.47	cps
Lead	206-1	947293	942511	941104	943636	0.34	cps
Lead	207-1	861970	859316	851134	857473	0.66	cps
Lead	208-1	3911550	3932010	3927032	3923530	0.27	cps
Lithium	6-1	394697	395588	400498	396927	0.79	cps
Magnesium	24-2	10486859	10438434	10458411	10461235	0.23	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322784	322530	319794	321703	0.52	cps
Molybdenum	94-1	4407784	4392394	4354379	4384852	0.63	cps
Molybdenum	95-1	5503271	5465750	5433761	5467594	0.64	cps
Molybdenum	96-1	6138137	6066104	6093563	6099268	0.60	cps
Molybdenum	97-1	3353231	3370429	3330017	3351226	0.61	cps
Molybdenum	98-1	8658818	8623309	8629094	8637073	0.22	cps
Neodymium	150-1	127	93	147	122	22.05	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	272314	269330	268071	269905	0.81	cps
Phosphorus	31-2	8703	8886	8578	8723	1.78	cps
Potassium	39-2	3478051	3456214	3488524	3474263	0.47	cps
Rhodium	103-1	2554529	2569910	2522976	2549138	0.94	cps
Rhodium	103-2	1122685	1103691	1110476	1112284	0.87	cps
Scandium	45-1	2283341	2314579	2305340	2301086	0.70	cps
Scandium	45-2	38165	37764	38259	38063	0.69	cps
Selenium	77-2	597	573	600	590	2.46	cps
Selenium	78-2	1885	1952	1956	1931	2.05	cps
Selenium	82-1	40021	40012	40067	40033	0.07	cps
Silicon	28-1	1974773	2006955	2006832	1996187	0.93	cps
Silver	109-1	2383779	2376444	2371163	2377128	0.27	cps
Silver	107-1	2508919	2454889	2478600	2480803	1.09	cps
Sodium	23-2	24145884	24115045	24318493	24193141	0.45	cps
Strontium	86-1	780415	787450	784674	784180	0.45	cps
Strontium	88-1	6632981	6650392	6734534	6672636	0.81	cps
Sulfur	34-1	713057	710536	718001	713865	0.53	cps
Terbium	159-1	2861725	2807774	2829098	2832866	0.96	cps
Terbium	159-2	1092750	1085830	1083022	1087201	0.46	cps
Thallium	203-1	1194222	1196567	1198482	1196424	0.18	cps
Thallium	205-1	2948666	2925920	2955890	2943492	0.53	cps
Tin	118-1	1449585	1450599	1452235	1450806	0.09	cps
Titanium	47-1	1856410	1840611	1864203	1853741	0.65	cps
Uranium	238-1	3694204	3597449	3649768	3647140	1.33	cps
Vanadium	51-2	386272	386986	388224	387161	0.26	cps
Yttrium	89-1	3209608	3213677	3266589	3229958	0.98	cps
Yttrium	89-2	213487	210761	209558	211269	0.95	cps
Zinc	66-2	176545	175249	175457	175750	0.40	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:19:47	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3654073	3636925	3673082	3654693	0.49	cps
Zirconium	91-1	791899	788018	797098	792338	0.57	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : CCB014 Instrumnet Name : P8
 Client Sample ID : CCB014 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:24:53 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	63	63	59	9.77	cps
Antimony	121-1	758	783	600	714	13.93	cps
Arsenic	75-2	11	11	22	15	43.30	cps
Barium	135-1	8	8	25	14	69.31	cps
Barium	137-1	25	58	58	47	40.76	cps
Beryllium	9-1	80	103	87	90	13.36	cps
Bismuth	209-1	1496492	1513194	1495038	1501575	0.67	cps
Bismuth	209-2	789920	789237	788569	789242	0.09	cps
Boron	10-1	717	692	733	714	2.94	cps
Boron	11-1	3692	3342	3109	3381	8.69	cps
Cadmium	111-1	479	583	487	516	11.16	cps
Cadmium	106-1	675	825	692	731	11.25	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	253	277	313	281	10.76	cps
Calcium	44-1	46203	45373	44839	45472	1.51	cps
Chromium	52-2	2274	2017	2137	2142	6.00	cps
Cobalt	59-2	113	100	120	111	9.17	cps
Copper	63-2	933	820	943	899	7.62	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	2612330	2638644	2610039	2620338	0.61	cps
Holmium	165-2	1097172	1084426	1092865	1091488	0.59	cps
Indium	115-1	2610135	2678859	2640042	2643012	1.30	cps
Indium	115-2	251159	252611	252993	252254	0.38	cps
Iron	56-2	5273	5118	5168	5186	1.53	cps
Iron	57-2	194	133	144	157	20.68	cps
Krypton	83-1	907	773	920	867	9.36	cps
Lead	206-1	600	600	556	585	4.38	cps
Lead	207-1	433	589	478	500	16.02	cps
Lead	208-1	2195	2439	2145	2259	6.97	cps
Lithium	6-1	391971	395719	392299	393330	0.53	cps
Magnesium	24-2	567	700	567	611	12.60	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:24:53	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	70	90	89	20.65	cps
Molybdenum	94-1	333	433	292	353	20.64	cps
Molybdenum	95-1	333	283	150	256	37.08	cps
Molybdenum	96-1	308	233	225	256	17.96	cps
Molybdenum	97-1	350	142	225	239	43.89	cps
Molybdenum	98-1	408	350	383	381	7.69	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	150	110	138	17.50	cps
Phosphorus	31-2	42	0	17	19	107.85	cps
Potassium	39-2	8570	8578	8820	8656	1.64	cps
Rhodium	103-1	2685608	2668758	2664558	2672975	0.42	cps
Rhodium	103-2	1177660	1177114	1165580	1173451	0.58	cps
Scandium	45-1	2292366	2300777	2304607	2299250	0.27	cps
Scandium	45-2	38122	38008	37594	37908	0.73	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-23	91	-51	6	1305.03	cps
Silicon	28-1	389016	344682	344577	359425	7.13	cps
Silver	109-1	367	558	417	447	22.23	cps
Silver	107-1	417	483	542	481	13.02	cps
Sodium	23-2	24121	23913	23387	23807	1.59	cps
Strontium	86-1	1283	1217	1208	1236	3.33	cps
Strontium	88-1	83	58	117	86	33.98	cps
Sulfur	34-1	472962	471315	470944	471740	0.23	cps
Terbium	159-1	2775859	2818442	2801083	2798461	0.77	cps
Terbium	159-2	1086485	1081886	1070838	1079736	0.74	cps
Thallium	203-1	175	125	142	147	17.29	cps
Thallium	205-1	400	500	450	450	11.11	cps
Tin	118-1	433	367	375	392	9.27	cps
Titanium	47-1	108	92	108	103	9.36	cps
Uranium	238-1	17	17	33	22	43.28	cps
Vanadium	51-2	23	13	17	18	28.64	cps
Yttrium	89-1	3193751	3240947	3187886	3207528	0.91	cps
Yttrium	89-2	211757	209098	210044	210300	0.64	cps
Zinc	66-2	173	153	127	151	15.49	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:24:53	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483	400	450	444	9.44	cps
Zirconium	91-1	75	50	83	69	24.98	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : PB117412BL Instrumnet Name : P8
 Client Sample ID : PBW412 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 15:28:28 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	53	58	65	26.92	cps
Antimony	121-1	200	350	233	261	30.16	cps
Arsenic	75-2	7	19	9	12	50.75	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	17	67	25	36	74.18	cps
Beryllium	9-1	50	107	60	72	41.88	cps
Bismuth	209-1	1496923	1504753	1518201	1506626	0.71	cps
Bismuth	209-2	792387	781272	806047	793235	1.56	cps
Boron	10-1	492	417	558	489	14.50	cps
Boron	11-1	2984	2317	2492	2598	13.31	cps
Cadmium	111-1	513	389	526	476	15.91	cps
Cadmium	106-1	725	558	750	678	15.37	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	317	300	287	301	4.99	cps
Calcium	44-1	44554	44103	44561	44406	0.59	cps
Chromium	52-2	2137	1954	2157	2082	5.38	cps
Cobalt	59-2	93	90	100	94	5.39	cps
Copper	63-2	807	670	700	726	9.90	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	2598690	2574276	2627415	2600127	1.02	cps
Holmium	165-2	1092206	1071812	1110852	1091623	1.79	cps
Indium	115-1	2593738	2633450	2641082	2622756	0.97	cps
Indium	115-2	252269	253280	254618	253389	0.46	cps
Iron	56-2	4629	5285	4634	4849	7.79	cps
Iron	57-2	167	83	72	107	48.06	cps
Krypton	83-1	813	873	840	842	3.57	cps
Lead	206-1	428	489	339	419	18.02	cps
Lead	207-1	328	422	394	381	12.72	cps
Lead	208-1	1700	1833	1600	1711	6.84	cps
Lithium	6-1	389509	395583	401952	395681	1.57	cps
Magnesium	24-2	575	675	575	608	9.49	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BL	Instrumnet Name :	P8
Client Sample ID :	PBW412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:28:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	73	130	91	37.01	cps
Molybdenum	94-1	150	275	142	189	39.54	cps
Molybdenum	95-1	92	33	83	69	45.44	cps
Molybdenum	96-1	183	92	125	133	34.80	cps
Molybdenum	97-1	175	158	158	164	5.87	cps
Molybdenum	98-1	175	133	158	156	13.48	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	90	117	99	15.57	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	7969	8620	8628	8406	4.50	cps
Rhodium	103-1	2644687	2696570	2682054	2674437	1.00	cps
Rhodium	103-2	1180256	1171010	1194911	1182059	1.02	cps
Scandium	45-1	2238488	2294925	2344222	2292545	2.31	cps
Scandium	45-2	37941	37026	38138	37702	1.58	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-3	-42	-10	-19	-110.91	cps
Silicon	28-1	344721	348375	343389	345495	0.75	cps
Silver	109-1	308	367	350	342	8.79	cps
Silver	107-1	342	325	400	356	11.08	cps
Sodium	23-2	21659	21526	21216	21467	1.06	cps
Strontium	86-1	1350	1217	1433	1333	8.20	cps
Strontium	88-1	125	67	67	86	39.11	cps
Sulfur	34-1	476902	475357	474426	475562	0.26	cps
Terbium	159-1	2760138	2793724	2859096	2804319	1.79	cps
Terbium	159-2	1085248	1085150	1097146	1089181	0.63	cps
Thallium	203-1	200	142	142	161	20.90	cps
Thallium	205-1	283	342	317	314	9.32	cps
Tin	118-1	1186	333	383	634	75.46	cps
Titanium	47-1	158	150	125	144	12.01	cps
Uranium	238-1	50	8	17	25	88.19	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	3172891	3173308	3215622	3187274	0.77	cps
Yttrium	89-2	209557	209261	212764	210527	0.92	cps
Zinc	66-2	117	190	153	153	23.91	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BL	Instrumnet Name :	P8
Client Sample ID :	PBW412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:28:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	375	333	392	17.42	cps
Zirconium	91-1	67	33	117	72	58.08	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	453	428	445	442	2.90	cps
Antimony	121-1	15810	15718	16461	15996	2.53	cps
Arsenic	75-2	291	317	270	293	7.93	cps
Barium	135-1	16261	15359	16319	15980	3.37	cps
Barium	137-1	27120	28548	27730	27800	2.58	cps
Beryllium	9-1	1680	1693	1647	1673	1.44	cps
Bismuth	209-1	1512512	1506879	1543790	1521060	1.31	cps
Bismuth	209-2	788313	775020	772389	778574	1.10	cps
Boron	10-1	5618	5860	5935	5804	2.85	cps
Boron	11-1	28196	29030	29607	28944	2.45	cps
Cadmium	111-1	2504	2615	2508	2542	2.47	cps
Cadmium	106-1	1033	1050	900	995	8.27	cps
Cadmium	108-1	158	154	163	158	2.63	cps
Calcium	43-1	13687	13477	13750	13638	1.05	cps
Calcium	44-1	260930	260722	261102	260918	0.07	cps
Chromium	52-2	5505	5641	5995	5713	4.43	cps
Cobalt	59-2	3714	3757	3677	3716	1.08	cps
Copper	63-2	6352	6482	6272	6368	1.67	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	2644889	2583203	2708866	2645653	2.38	cps
Holmium	165-2	1075415	1064185	1062607	1067402	0.65	cps
Indium	115-1	2683618	2610996	2711367	2668660	1.94	cps
Indium	115-2	250840	249144	248260	249415	0.53	cps
Iron	56-2	251925	251250	250192	251122	0.35	cps
Iron	57-2	5968	5913	6307	6063	3.52	cps
Krypton	83-1	873	817	900	863	4.93	cps
Lead	206-1	4112	3684	4112	3969	6.22	cps
Lead	207-1	3517	3139	3439	3365	5.93	cps
Lead	208-1	15966	15238	15860	15688	2.51	cps
Lithium	6-1	408182	402594	410828	407201	1.03	cps
Magnesium	24-2	40910	39798	39581	40096	1.78	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670	600	823	698	16.37	cps
Molybdenum	94-1	15752	15726	15676	15718	0.24	cps
Molybdenum	95-1	19807	20358	20016	20060	1.39	cps
Molybdenum	96-1	22061	21635	22302	21999	1.54	cps
Molybdenum	97-1	12556	12248	12298	12367	1.34	cps
Molybdenum	98-1	31404	31229	31037	31223	0.59	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1153	1103	1113	1123	2.36	cps
Phosphorus	31-2	67	83	75	75	11.11	cps
Potassium	39-2	33324	32764	31953	32681	2.11	cps
Rhodium	103-1	2712576	2643092	2712065	2689244	1.49	cps
Rhodium	103-2	1168982	1163104	1161896	1164661	0.33	cps
Scandium	45-1	2334958	2268976	2315457	2306463	1.47	cps
Scandium	45-2	37704	36548	36484	36912	1.86	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	41	39	46	42	9.19	cps
Selenium	82-1	740	829	726	765	7.30	cps
Silicon	28-1	415284	411899	412677	413287	0.43	cps
Silver	109-1	8987	8795	8595	8792	2.23	cps
Silver	107-1	9112	10254	9904	9757	6.00	cps
Sodium	23-2	109486	108638	110249	109457	0.74	cps
Strontium	86-1	3767	3834	3642	3748	2.60	cps
Strontium	88-1	21209	21151	21710	21356	1.44	cps
Sulfur	34-1	486017	479398	480841	482085	0.72	cps
Terbium	159-1	2838968	2781171	2831038	2817059	1.11	cps
Terbium	159-2	1071072	1059944	1072081	1067699	0.63	cps
Thallium	203-1	4351	4543	4243	4379	3.47	cps
Thallium	205-1	11281	11456	11114	11283	1.51	cps
Tin	118-1	27914	27972	28289	28058	0.72	cps
Titanium	47-1	7311	6760	7077	7049	3.92	cps
Uranium	238-1	12716	12590	12374	12560	1.38	cps
Vanadium	51-2	7052	7439	7445	7312	3.08	cps
Yttrium	89-1	3282566	3200409	3278537	3253837	1.42	cps
Yttrium	89-2	210404	210010	207125	209180	0.86	cps
Zinc	66-2	797	890	900	862	6.61	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117412BS	Instrumnet Name :	P8
Client Sample ID :	LCS412	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:32:02	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12523	13107	13032	12887	2.46	cps
Zirconium	91-1	2659	2917	2684	2753	5.18	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:35:37	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	70	63	62	14.24	cps
Antimony	121-1	225	233	192	217	10.18	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	33	75	25	44	60.28	cps
Beryllium	9-1	97	67	73	79	19.97	cps
Bismuth	209-1	1525998	1516514	1530681	1524398	0.47	cps
Bismuth	209-2	799115	796485	798437	798012	0.17	cps
Boron	10-1	400	342	292	344	15.74	cps
Boron	11-1	2250	1992	2059	2100	6.39	cps
Cadmium	111-1	461	613	593	556	14.91	cps
Cadmium	106-1	658	867	850	792	14.62	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	350	290	263	301	14.74	cps
Calcium	44-1	43457	43417	43859	43578	0.56	cps
Chromium	52-2	1937	1930	1937	1935	0.20	cps
Cobalt	59-2	107	117	77	100	20.82	cps
Copper	63-2	507	547	537	530	3.93	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	2620573	2664013	2681400	2655329	1.18	cps
Holmium	165-2	1105542	1093315	1095388	1098082	0.60	cps
Indium	115-1	2716322	2650005	2701959	2689429	1.30	cps
Indium	115-2	252873	250190	249435	250833	0.72	cps
Iron	56-2	4545	4679	4612	4612	1.45	cps
Iron	57-2	128	128	150	135	9.49	cps
Krypton	83-1	910	833	990	911	8.60	cps
Lead	206-1	267	294	300	287	6.22	cps
Lead	207-1	267	233	306	269	13.46	cps
Lead	208-1	1089	1039	1256	1128	10.06	cps
Lithium	6-1	407732	406173	410720	408208	0.57	cps
Magnesium	24-2	592	550	533	558	5.38	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:35:37	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	83	100	96	11.21	cps
Molybdenum	94-1	142	175	150	156	11.15	cps
Molybdenum	95-1	100	33	58	64	52.72	cps
Molybdenum	96-1	50	117	83	83	40.00	cps
Molybdenum	97-1	83	92	117	97	17.84	cps
Molybdenum	98-1	50	58	67	58	14.29	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	123	110	106	19.29	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	7894	7786	7819	7833	0.71	cps
Rhodium	103-1	2708449	2732062	2684732	2708415	0.87	cps
Rhodium	103-2	1178685	1176860	1176245	1177263	0.11	cps
Scandium	45-1	2302773	2280935	2324303	2302670	0.94	cps
Scandium	45-2	36982	37680	38362	37675	1.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-117	-21	-220	-119	-83.23	cps
Silicon	28-1	353121	346889	351519	350510	0.92	cps
Silver	109-1	283	317	267	289	8.81	cps
Silver	107-1	308	300	258	289	9.27	cps
Sodium	23-2	18513	17954	17587	18018	2.59	cps
Strontium	86-1	1233	1408	1367	1336	6.84	cps
Strontium	88-1	33	92	58	61	47.88	cps
Sulfur	34-1	489404	486827	493039	489757	0.64	cps
Terbium	159-1	2832967	2811201	2873018	2839062	1.10	cps
Terbium	159-2	1092995	1086407	1086148	1088516	0.36	cps
Thallium	203-1	167	125	108	133	22.54	cps
Thallium	205-1	308	325	300	311	4.09	cps
Tin	118-1	392	325	225	314	26.73	cps
Titanium	47-1	117	175	142	144	20.26	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	40	10	13	21	77.90	cps
Yttrium	89-1	3280611	3227322	3248687	3252207	0.82	cps
Yttrium	89-2	213247	212105	207580	210977	1.42	cps
Zinc	66-2	137	167	140	148	11.13	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BL	Instrumnet Name :	P8
Client Sample ID :	PBS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:35:37	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	292	367	308	16.88	cps
Zirconium	91-1	33	108	92	78	50.64	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443	423	460	442	4.25	cps
Antimony	121-1	16703	15551	15201	15818	4.97	cps
Arsenic	75-2	252	259	306	272	10.69	cps
Barium	135-1	15743	15935	15518	15732	1.33	cps
Barium	137-1	27789	27872	28498	28053	1.38	cps
Beryllium	9-1	1583	1753	1683	1673	5.11	cps
Bismuth	209-1	1547092	1534123	1523578	1534931	0.77	cps
Bismuth	209-2	784746	786914	791682	787781	0.45	cps
Boron	10-1	5301	5793	5610	5568	4.46	cps
Boron	11-1	28613	28571	29532	28905	1.88	cps
Cadmium	111-1	2459	2391	2328	2393	2.74	cps
Cadmium	106-1	900	1050	942	964	8.03	cps
Cadmium	108-1	138	158	117	138	15.15	cps
Calcium	43-1	13977	13667	13437	13694	1.98	cps
Calcium	44-1	262232	261147	259785	261055	0.47	cps
Chromium	52-2	5698	5625	5685	5669	0.69	cps
Cobalt	59-2	3574	3777	3611	3654	2.97	cps
Copper	63-2	6071	6181	6041	6098	1.21	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	8	33	25	57.75	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	2709941	2646453	2652969	2669787	1.31	cps
Holmium	165-2	1085698	1081603	1092621	1086640	0.51	cps
Indium	115-1	2689414	2676019	2608472	2657968	1.63	cps
Indium	115-2	251740	248077	247740	249186	0.89	cps
Iron	56-2	249448	246831	247571	247950	0.54	cps
Iron	57-2	6480	6029	6018	6176	4.26	cps
Krypton	83-1	823	867	923	871	5.76	cps
Lead	206-1	3778	3851	3851	3827	1.09	cps
Lead	207-1	3545	3278	3484	3436	4.07	cps
Lead	208-1	15410	15382	15632	15475	0.89	cps
Lithium	6-1	419597	417197	412597	416464	0.85	cps
Magnesium	24-2	40133	40885	40650	40556	0.95	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670	780	690	713	8.21	cps
Molybdenum	94-1	15960	15660	15376	15665	1.86	cps
Molybdenum	95-1	19632	18839	19765	19412	2.58	cps
Molybdenum	96-1	22127	21660	21560	21782	1.39	cps
Molybdenum	97-1	12139	12323	12306	12256	0.83	cps
Molybdenum	98-1	30611	32122	31246	31326	2.42	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1190	1143	1183	1172	2.15	cps
Phosphorus	31-2	208	92	83	128	54.69	cps
Potassium	39-2	33332	32480	32898	32903	1.29	cps
Rhodium	103-1	2729113	2745807	2713795	2729571	0.59	cps
Rhodium	103-2	1162455	1159777	1163465	1161899	0.16	cps
Scandium	45-1	2340588	2313615	2285934	2313379	1.18	cps
Scandium	45-2	36765	36822	37611	37066	1.28	cps
Selenium	77-2	17	10	13	13	25.01	cps
Selenium	78-2	57	44	35	46	24.43	cps
Selenium	82-1	801	742	708	750	6.33	cps
Silicon	28-1	418845	413811	418430	417029	0.67	cps
Silver	109-1	9587	9045	9729	9454	3.82	cps
Silver	107-1	10029	9420	9579	9676	3.26	cps
Sodium	23-2	107345	109142	107781	108089	0.87	cps
Strontium	86-1	3692	3976	3676	3781	4.46	cps
Strontium	88-1	21401	21034	20299	20911	2.68	cps
Sulfur	34-1	500514	497040	502122	499892	0.52	cps
Terbium	159-1	2868848	2834518	2830219	2844528	0.74	cps
Terbium	159-2	1083313	1068345	1080062	1077240	0.73	cps
Thallium	203-1	4468	4601	4209	4426	4.50	cps
Thallium	205-1	11297	10805	10797	10966	2.61	cps
Tin	118-1	27805	28189	27379	27791	1.46	cps
Titanium	47-1	6935	7294	7052	7094	2.58	cps
Uranium	238-1	12332	12448	12974	12585	2.72	cps
Vanadium	51-2	7235	7532	7369	7379	2.02	cps
Yttrium	89-1	3246673	3220097	3256199	3240990	0.58	cps
Yttrium	89-2	206975	207543	208739	207752	0.43	cps
Zinc	66-2	843	847	817	836	1.97	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	PB117366BS	Instrumnet Name :	P8
Client Sample ID :	LCS366	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:39:12	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12982	13607	12465	13018	4.40	cps
Zirconium	91-1	2800	3059	2909	2923	4.44	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3731	3714	3837	3761	1.76	cps
Antimony	121-1	38390	37345	38089	37941	1.42	cps
Arsenic	75-2	9	7	11	9	19.98	cps
Barium	135-1	29868	29868	29517	29751	0.68	cps
Barium	137-1	53225	53024	53217	53155	0.21	cps
Beryllium	9-1	6258	5995	6185	6146	2.21	cps
Bismuth	209-1	1538177	1517859	1548302	1534779	1.01	cps
Bismuth	209-2	781428	791557	800084	791023	1.18	cps
Boron	10-1	325	350	308	328	6.40	cps
Boron	11-1	1650	1709	1542	1634	5.18	cps
Cadmium	111-1	5886	5876	5178	5647	7.19	cps
Cadmium	106-1	1300	1158	1033	1164	11.46	cps
Cadmium	108-1	292	325	333	317	6.96	cps
Calcium	43-1	8376	8676	8466	8506	1.81	cps
Calcium	44-1	179088	178294	178725	178702	0.22	cps
Chromium	52-2	10631	10564	10761	10652	0.94	cps
Cobalt	59-2	13487	13317	13323	13375	0.72	cps
Copper	63-2	38494	38089	37621	38068	1.15	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	0	33	17	99.99	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	2647940	2665023	2654402	2655789	0.32	cps
Holmium	165-2	1075503	1093163	1095307	1087991	1.00	cps
Indium	115-1	2657683	2670482	2694992	2674386	0.71	cps
Indium	115-2	245817	244931	256277	249009	2.53	cps
Iron	56-2	230428	230650	231304	230794	0.20	cps
Iron	57-2	5568	5974	6024	5855	4.27	cps
Krypton	83-1	863	813	887	854	4.38	cps
Lead	206-1	9621	10015	9826	9821	2.01	cps
Lead	207-1	9331	8770	8553	8885	4.52	cps
Lead	208-1	41328	40076	39659	40354	2.15	cps
Lithium	6-1	413730	406237	411651	410539	0.94	cps
Magnesium	24-2	20983	21066	20666	20905	1.01	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1713	1790	1687	1730	3.10	cps
Molybdenum	94-1	133	167	142	147	11.78	cps
Molybdenum	95-1	42	50	42	44	10.82	cps
Molybdenum	96-1	92	67	58	72	24.02	cps
Molybdenum	97-1	100	58	100	86	27.94	cps
Molybdenum	98-1	25	50	50	42	34.64	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7596	7652	7606	7618	0.40	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	18229	17754	18421	18135	1.90	cps
Rhodium	103-1	2715170	2680564	2728582	2708105	0.91	cps
Rhodium	103-2	1154684	1159697	1194876	1169752	1.87	cps
Scandium	45-1	2307319	2292613	2300086	2300006	0.32	cps
Scandium	45-2	37403	36217	37009	36876	1.64	cps
Selenium	77-2	47	23	30	33	36.07	cps
Selenium	78-2	93	87	65	81	18.03	cps
Selenium	82-1	1627	1566	1528	1574	3.16	cps
Silicon	28-1	348016	348274	350461	348917	0.38	cps
Silver	109-1	19624	19056	17913	18864	4.62	cps
Silver	107-1	20608	20057	19281	19982	3.34	cps
Sodium	23-2	17194	16794	16393	16794	2.38	cps
Strontium	86-1	1375	1275	1534	1395	9.34	cps
Strontium	88-1	383	467	442	431	9.93	cps
Sulfur	34-1	492725	492107	492587	492473	0.07	cps
Terbium	159-1	2824411	2847610	2862997	2845006	0.68	cps
Terbium	159-2	1064120	1067759	1085008	1072296	1.04	cps
Thallium	203-1	19633	19466	20651	19917	3.22	cps
Thallium	205-1	47189	46553	46721	46821	0.70	cps
Tin	118-1	300	275	367	314	15.10	cps
Titanium	47-1	108	133	183	142	26.96	cps
Uranium	238-1	25	33	42	33	25.00	cps
Vanadium	51-2	6595	6462	6668	6575	1.59	cps
Yttrium	89-1	3203783	3224424	3274518	3234242	1.12	cps
Yttrium	89-2	205484	207595	213703	208928	2.04	cps
Zinc	66-2	1320	1190	1193	1235	6.00	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04	Instrumnet Name :	P8
Client Sample ID :	MX2G08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:42:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	233	358	303	21.02	cps
Zirconium	91-1	33	25	50	36	35.25	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3774	3819	3661	3751	2.16	cps
Antimony	121-1	38515	38716	37788	38339	1.27	cps
Arsenic	75-2	4	4	15	7	86.64	cps
Barium	135-1	29192	29100	30361	29551	2.38	cps
Barium	137-1	53066	50439	52622	52042	2.70	cps
Beryllium	9-1	6228	6175	5898	6100	2.91	cps
Bismuth	209-1	1559685	1549402	1524597	1544561	1.17	cps
Bismuth	209-2	823674	798382	793066	805041	2.03	cps
Boron	10-1	300	250	233	261	13.29	cps
Boron	11-1	1233	1417	1242	1297	7.98	cps
Cadmium	111-1	5435	5644	5416	5498	2.30	cps
Cadmium	106-1	1108	1342	1050	1167	13.23	cps
Cadmium	108-1	417	304	350	357	15.85	cps
Calcium	43-1	8363	8816	8413	8531	2.92	cps
Calcium	44-1	178796	179138	179040	178991	0.10	cps
Chromium	52-2	10768	10741	10701	10737	0.31	cps
Cobalt	59-2	13417	13263	13240	13307	0.72	cps
Copper	63-2	38413	38360	37578	38117	1.23	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	33	17	19	65.48	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	2678707	2686287	2670106	2678367	0.30	cps
Holmium	165-2	1143768	1103251	1086035	1111018	2.67	cps
Indium	115-1	2728962	2680727	2676591	2695427	1.08	cps
Indium	115-2	261640	252782	249866	254763	2.41	cps
Iron	56-2	229960	230458	229779	230066	0.15	cps
Iron	57-2	5646	5735	5618	5666	1.08	cps
Krypton	83-1	903	947	837	896	6.19	cps
Lead	206-1	10204	10343	9893	10147	2.27	cps
Lead	207-1	8542	8347	8687	8525	2.00	cps
Lead	208-1	40032	39803	39458	39764	0.73	cps
Lithium	6-1	412039	409661	408173	409958	0.48	cps
Magnesium	24-2	20332	20574	20632	20513	0.78	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1733	1613	1720	1689	3.89	cps
Molybdenum	94-1	242	142	92	158	48.24	cps
Molybdenum	95-1	17	17	17	17	0.00	cps
Molybdenum	96-1	75	75	58	69	13.85	cps
Molybdenum	97-1	75	67	92	78	16.37	cps
Molybdenum	98-1	58	25	17	33	66.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7622	7679	7686	7662	0.45	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	18513	18580	17753	18282	2.51	cps
Rhodium	103-1	2750350	2737637	2672843	2720276	1.53	cps
Rhodium	103-2	1231555	1187625	1187911	1202363	2.10	cps
Scandium	45-1	2346712	2360131	2326828	2344557	0.71	cps
Scandium	45-2	39315	37844	37266	38142	2.77	cps
Selenium	77-2	23	20	13	19	26.96	cps
Selenium	78-2	72	83	67	74	11.45	cps
Selenium	82-1	1552	1547	1606	1568	2.05	cps
Silicon	28-1	351100	345540	346006	347549	0.89	cps
Silver	109-1	19114	19148	18004	18756	3.47	cps
Silver	107-1	19815	19999	19840	19885	0.50	cps
Sodium	23-2	16135	16652	16176	16321	1.76	cps
Strontium	86-1	1225	1458	1542	1408	11.66	cps
Strontium	88-1	325	533	467	442	24.09	cps
Sulfur	34-1	490097	490976	485055	488709	0.65	cps
Terbium	159-1	2901324	2873686	2812052	2862354	1.60	cps
Terbium	159-2	1145715	1082863	1075319	1101299	3.51	cps
Thallium	203-1	19699	19432	19783	19638	0.93	cps
Thallium	205-1	46586	47616	46094	46765	1.66	cps
Tin	118-1	275	217	192	228	18.77	cps
Titanium	47-1	158	117	133	136	15.41	cps
Uranium	238-1	50	58	8	39	68.89	cps
Vanadium	51-2	6868	6495	6755	6706	2.86	cps
Yttrium	89-1	3311642	3243775	3257132	3270850	1.10	cps
Yttrium	89-2	219830	208148	209443	212474	3.01	cps
Zinc	66-2	1227	1277	1357	1287	5.10	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-05	Instrumnet Name :	P8
Client Sample ID :	MX2G08D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:46:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	258	325	275	16.04	cps
Zirconium	91-1	117	75	67	86	31.11	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760	773	835	789	5.09	cps
Antimony	121-1	7377	7452	7753	7528	2.64	cps
Arsenic	75-2	11	4	4	6	69.34	cps
Barium	135-1	5751	5802	6143	5899	3.62	cps
Barium	137-1	10146	10188	10096	10143	0.45	cps
Beryllium	9-1	1200	1147	1213	1187	2.97	cps
Bismuth	209-1	1472870	1454510	1470121	1465834	0.68	cps
Bismuth	209-2	770692	771168	766991	769617	0.30	cps
Boron	10-1	200	217	200	206	4.68	cps
Boron	11-1	875	1150	1233	1086	17.27	cps
Cadmium	111-1	1436	1428	1391	1418	1.69	cps
Cadmium	106-1	700	775	783	753	6.10	cps
Cadmium	108-1	54	50	100	68	40.76	cps
Calcium	43-1	1887	2024	2017	1976	3.90	cps
Calcium	44-1	69444	69089	68972	69168	0.36	cps
Chromium	52-2	3874	3741	3734	3783	2.09	cps
Cobalt	59-2	2730	2857	2774	2787	2.31	cps
Copper	63-2	7749	8216	7892	7952	3.01	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	3	20	0	8	137.80	cps
Holmium	165-1	2557454	2538775	2568716	2554982	0.59	cps
Holmium	165-2	1063863	1065285	1057988	1062379	0.36	cps
Indium	115-1	2582557	2559726	2570891	2571058	0.44	cps
Indium	115-2	244046	243071	245593	244237	0.52	cps
Iron	56-2	48992	49120	48396	48836	0.79	cps
Iron	57-2	1272	1161	1161	1198	5.35	cps
Krypton	83-1	900	853	830	861	4.14	cps
Lead	206-1	2184	2017	2111	2104	3.97	cps
Lead	207-1	1628	1767	1722	1706	4.16	cps
Lead	208-1	8062	8018	8235	8105	1.41	cps
Lithium	6-1	391441	386468	389549	389152	0.65	cps
Magnesium	24-2	4726	4534	4743	4668	2.48	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370	377	407	384	5.08	cps
Molybdenum	94-1	58	167	158	128	47.18	cps
Molybdenum	95-1	58	33	33	42	34.65	cps
Molybdenum	96-1	100	42	50	64	49.39	cps
Molybdenum	97-1	75	117	83	92	24.05	cps
Molybdenum	98-1	50	25	42	39	32.73	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1677	1530	1507	1571	5.87	cps
Phosphorus	31-2	17	42	8	22	78.07	cps
Potassium	39-2	9178	9370	9420	9323	1.37	cps
Rhodium	103-1	2596034	2627212	2591355	2604867	0.75	cps
Rhodium	103-2	1143399	1149486	1138542	1143809	0.48	cps
Scandium	45-1	2220404	2200443	2222033	2214293	0.54	cps
Scandium	45-2	36788	36434	35709	36310	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	19	20	22	22.05	cps
Selenium	82-1	207	212	347	255	30.94	cps
Silicon	28-1	351235	348296	350263	349931	0.43	cps
Silver	109-1	3817	3901	3776	3831	1.66	cps
Silver	107-1	4076	3901	3517	3831	7.46	cps
Sodium	23-2	15918	16076	16644	16213	2.35	cps
Strontium	86-1	1175	1333	1308	1272	6.69	cps
Strontium	88-1	133	183	183	167	17.32	cps
Sulfur	34-1	491922	485850	486645	488139	0.68	cps
Terbium	159-1	2708719	2711165	2746744	2722209	0.78	cps
Terbium	159-2	1067854	1043554	1062832	1058080	1.21	cps
Thallium	203-1	3709	3651	3651	3670	0.92	cps
Thallium	205-1	9162	8995	9162	9106	1.06	cps
Tin	118-1	267	317	250	278	12.49	cps
Titanium	47-1	125	58	192	125	53.33	cps
Uranium	238-1	25	17	25	22	21.64	cps
Vanadium	51-2	1490	1340	1410	1413	5.31	cps
Yttrium	89-1	3137703	3101948	3130498	3123383	0.61	cps
Yttrium	89-2	203831	202744	204269	203615	0.39	cps
Zinc	66-2	343	417	370	377	9.86	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G08L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 15:49:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	233	342	244	37.71	cps
Zirconium	91-1	67	50	42	53	24.12	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21649	21852	21637	21713	0.56	cps
Antimony	121-1	459106	445005	447331	450481	1.68	cps
Arsenic	75-2	5307	4916	5333	5185	4.50	cps
Barium	135-1	1744273	1695128	1668780	1702727	2.25	cps
Barium	137-1	2992436	2912149	2880504	2928363	1.97	cps
Beryllium	9-1	47592	45793	46977	46787	1.95	cps
Bismuth	209-1	1565408	1513979	1500775	1526721	2.24	cps
Bismuth	209-2	797196	802161	800579	799979	0.32	cps
Boron	10-1	158	225	183	189	17.83	cps
Boron	11-1	1033	967	942	981	4.83	cps
Cadmium	111-1	56215	54594	54140	54983	1.98	cps
Cadmium	106-1	5618	5518	5626	5588	1.08	cps
Cadmium	108-1	3846	3534	3580	3653	4.62	cps
Calcium	43-1	8469	8426	8493	8463	0.40	cps
Calcium	44-1	176951	177639	176363	176984	0.36	cps
Chromium	52-2	197973	200931	199535	199479	0.74	cps
Cobalt	59-2	939528	944026	935774	939776	0.44	cps
Copper	63-2	406299	407092	406242	406544	0.12	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	2759484	2622832	2637689	2673335	2.80	cps
Holmium	165-2	1094356	1104483	1104848	1101229	0.54	cps
Indium	115-1	2751180	2652377	2644119	2682559	2.22	cps
Indium	115-2	253842	253322	253400	253521	0.11	cps
Iron	56-2	894551	885571	892751	890958	0.53	cps
Iron	57-2	23403	22480	22574	22819	2.23	cps
Krypton	83-1	1073	897	907	959	10.35	cps
Lead	206-1	48862	46519	45950	47110	3.28	cps
Lead	207-1	43818	41290	41596	42235	3.27	cps
Lead	208-1	192951	185271	184644	187622	2.47	cps
Lithium	6-1	411190	392351	402888	402143	2.35	cps
Magnesium	24-2	21092	20549	20716	20785	1.34	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156917	154672	153358	154982	1.16	cps
Molybdenum	94-1	158	242	217	206	20.81	cps
Molybdenum	95-1	25	50	33	36	35.25	cps
Molybdenum	96-1	108	100	167	125	29.06	cps
Molybdenum	97-1	58	83	108	83	30.00	cps
Molybdenum	98-1	67	100	42	69	42.14	cps
Neodymium	150-1	73	53	93	73	27.27	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	272958	270791	272752	272167	0.44	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	18421	18680	18438	18513	0.78	cps
Rhodium	103-1	2785675	2684847	2722402	2730975	1.87	cps
Rhodium	103-2	1181506	1177425	1176790	1178573	0.22	cps
Scandium	45-1	2286454	2305733	2268882	2287023	0.81	cps
Scandium	45-2	37350	37380	37296	37342	0.11	cps
Selenium	77-2	190	137	147	158	17.97	cps
Selenium	78-2	507	519	511	512	1.10	cps
Selenium	82-1	11163	10838	10985	10995	1.48	cps
Silicon	28-1	346619	342745	343232	344199	0.61	cps
Silver	109-1	249332	244632	246921	246962	0.95	cps
Silver	107-1	264852	254904	260315	260024	1.92	cps
Sodium	23-2	15876	16060	15734	15890	1.03	cps
Strontium	86-1	1467	1400	1500	1456	3.50	cps
Strontium	88-1	975	900	900	925	4.68	cps
Sulfur	34-1	475611	475413	469925	473649	0.68	cps
Terbium	159-1	2909470	2758177	2851952	2839866	2.69	cps
Terbium	159-2	1109591	1091756	1098097	1099815	0.82	cps
Thallium	203-1	139884	136301	135982	137389	1.58	cps
Thallium	205-1	332368	321796	325452	326538	1.64	cps
Tin	118-1	250	325	217	264	21.03	cps
Titanium	47-1	183	100	133	139	30.20	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	365262	365422	363918	364867	0.23	cps
Yttrium	89-1	3377921	3220445	3191200	3263189	3.08	cps
Yttrium	89-2	210317	211496	211479	211097	0.32	cps
Zinc	66-2	88403	88745	89148	88765	0.42	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-06	Instrumnet Name :	P8
Client Sample ID :	MX2G08S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:53:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	350	300	294	19.88	cps
Zirconium	91-1	133	117	83	111	22.91	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583	1748	1653	1661	4.99	cps
Antimony	121-1	52362	52981	52822	52722	0.61	cps
Arsenic	75-2	1339	1345	1285	1323	2.47	cps
Barium	135-1	992	975	1092	1020	6.19	cps
Barium	137-1	2042	1684	1850	1859	9.65	cps
Beryllium	9-1	5601	5785	5645	5677	1.69	cps
Bismuth	209-1	1492162	1490671	1487950	1490261	0.14	cps
Bismuth	209-2	747678	746451	751514	748548	0.35	cps
Boron	10-1	308	242	300	283	12.82	cps
Boron	11-1	1292	1592	1275	1386	12.86	cps
Cadmium	111-1	15556	15258	14941	15252	2.01	cps
Cadmium	106-1	2125	2075	2025	2075	2.41	cps
Cadmium	108-1	921	1117	942	993	10.83	cps
Calcium	43-1	3377	3624	3504	3502	3.52	cps
Calcium	44-1	92713	91736	90512	91654	1.20	cps
Chromium	52-2	15926	16073	15996	15998	0.46	cps
Cobalt	59-2	263	203	223	230	13.28	cps
Copper	63-2	19634	19454	19854	19647	1.02	cps
Dysprosium	156-1	375	300	367	347	11.84	cps
Dysprosium	156-2	137	80	100	106	27.23	cps
Erbium	164-1	158	142	142	147	6.54	cps
Erbium	164-2	50	90	53	64	34.44	cps
Gadolinium	160-1	308	250	242	267	13.62	cps
Gadolinium	160-2	123	127	140	130	6.78	cps
Holmium	165-1	2698136	2672691	2662743	2677856	0.68	cps
Holmium	165-2	1062271	1063613	1067449	1064445	0.25	cps
Indium	115-1	2737693	2742398	2750190	2743427	0.23	cps
Indium	115-2	244657	249913	250947	248506	1.36	cps
Iron	56-2	83370	84427	83460	83752	0.70	cps
Iron	57-2	2156	2234	1972	2121	6.32	cps
Krypton	83-1	823	800	907	843	6.65	cps
Lead	206-1	19883	19215	19159	19419	2.07	cps
Lead	207-1	16956	17774	17323	17351	2.36	cps
Lead	208-1	77817	78173	78095	78028	0.24	cps
Lithium	6-1	384001	383045	384617	383888	0.21	cps
Magnesium	24-2	3142	3125	3042	3103	1.73	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4577	4841	4624	4681	3.00	cps
Molybdenum	94-1	2009	1909	1625	1847	10.76	cps
Molybdenum	95-1	75	83	142	100	36.32	cps
Molybdenum	96-1	383	342	317	347	9.70	cps
Molybdenum	97-1	125	117	142	128	9.96	cps
Molybdenum	98-1	50	183	133	122	55.11	cps
Neodymium	150-1	493	553	480	509	7.68	cps
Neodymium	150-2	107	110	110	109	1.77	cps
Nickel	60-2	5274	4898	5174	5115	3.82	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	14958	14041	13682	14227	4.63	cps
Rhodium	103-1	2682971	2747515	2719339	2716608	1.19	cps
Rhodium	103-2	1163499	1161865	1160750	1162038	0.12	cps
Scandium	45-1	2311601	2294029	2284023	2296551	0.61	cps
Scandium	45-2	36471	36805	36598	36624	0.46	cps
Selenium	77-2	57	33	40	43	27.74	cps
Selenium	78-2	106	117	70	98	24.78	cps
Selenium	82-1	2339	2237	2057	2211	6.46	cps
Silicon	28-1	689062	693178	682403	688214	0.79	cps
Silver	109-1	45177	45060	44374	44870	0.97	cps
Silver	107-1	46181	45762	47552	46498	2.01	cps
Sodium	23-2	38871	38620	37325	38272	2.17	cps
Strontium	86-1	3934	4168	3634	3912	6.84	cps
Strontium	88-1	22161	22169	22745	22358	1.50	cps
Sulfur	34-1	441372	434699	432898	436323	1.02	cps
Terbium	159-1	2801029	2895354	2903145	2866509	1.98	cps
Terbium	159-2	1060142	1066453	1062462	1063019	0.30	cps
Thallium	203-1	16245	16987	15844	16358	3.55	cps
Thallium	205-1	38125	39304	38075	38501	1.81	cps
Tin	118-1	783	608	717	703	12.57	cps
Titanium	47-1	1467	1200	1584	1417	13.87	cps
Uranium	238-1	317	258	283	286	10.23	cps
Vanadium	51-2	22635	22685	23083	22801	1.08	cps
Yttrium	89-1	3244946	3232006	3261240	3246064	0.45	cps
Yttrium	89-2	204601	201204	204116	203307	0.90	cps
Zinc	66-2	4327	4054	4331	4237	3.75	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16	Instrumnet Name :	P8
Client Sample ID :	MX2G12	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 15:57:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4451	4876	4601	4643	4.64	cps
Zirconium	91-1	1067	925	1142	1045	10.53	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1503	1763	1661	1642	7.98	cps
Antimony	121-1	53860	53809	52011	53227	1.98	cps
Arsenic	75-2	1383	1393	1313	1363	3.20	cps
Barium	135-1	975	1067	1017	1020	4.50	cps
Barium	137-1	1825	1817	1742	1795	2.56	cps
Beryllium	9-1	5641	5868	5381	5630	4.33	cps
Bismuth	209-1	1466527	1490354	1480630	1479170	0.81	cps
Bismuth	209-2	748807	748283	761121	752737	0.97	cps
Boron	10-1	342	358	333	344	3.70	cps
Boron	11-1	1408	1392	1367	1389	1.51	cps
Cadmium	111-1	14951	15281	14753	14995	1.78	cps
Cadmium	106-1	2267	2384	1959	2203	9.97	cps
Cadmium	108-1	938	917	900	918	2.05	cps
Calcium	43-1	3701	3280	3370	3450	6.41	cps
Calcium	44-1	88969	89180	89133	89094	0.12	cps
Chromium	52-2	16096	16467	15936	16166	1.68	cps
Cobalt	59-2	227	230	293	250	15.03	cps
Copper	63-2	19133	19918	18977	19343	2.61	cps
Dysprosium	156-1	325	350	283	319	10.54	cps
Dysprosium	156-2	77	100	110	96	17.90	cps
Erbium	164-1	200	158	175	178	11.80	cps
Erbium	164-2	100	103	53	86	32.68	cps
Gadolinium	160-1	258	275	300	278	7.55	cps
Gadolinium	160-2	167	110	150	142	20.48	cps
Holmium	165-1	2660277	2653164	2644498	2652646	0.30	cps
Holmium	165-2	1067328	1073379	1070969	1070559	0.28	cps
Indium	115-1	2696588	2746357	2721637	2721527	0.91	cps
Indium	115-2	246991	249115	247671	247926	0.44	cps
Iron	56-2	83152	82672	83896	83240	0.74	cps
Iron	57-2	2323	2211	2034	2189	6.66	cps
Krypton	83-1	897	897	843	879	3.50	cps
Lead	206-1	19727	19821	19888	19812	0.41	cps
Lead	207-1	16956	17857	17212	17342	2.68	cps
Lead	208-1	78185	79248	77449	78294	1.16	cps
Lithium	6-1	373509	375432	373716	374219	0.28	cps
Magnesium	24-2	3184	3009	2934	3042	4.22	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4794	4968	4914	4892	1.82	cps
Molybdenum	94-1	1842	1659	1892	1797	6.84	cps
Molybdenum	95-1	158	158	58	125	46.19	cps
Molybdenum	96-1	525	400	450	458	13.73	cps
Molybdenum	97-1	142	117	233	164	37.48	cps
Molybdenum	98-1	233	92	133	153	47.66	cps
Neodymium	150-1	513	453	407	458	11.68	cps
Neodymium	150-2	123	127	123	124	1.54	cps
Nickel	60-2	4961	5268	4864	5031	4.19	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	12464	13198	12731	12798	2.90	cps
Rhodium	103-1	2723944	2733635	2674114	2710565	1.18	cps
Rhodium	103-2	1165897	1173729	1162016	1167214	0.51	cps
Scandium	45-1	2268353	2230307	2254209	2250956	0.85	cps
Scandium	45-2	35545	36043	35772	35787	0.70	cps
Selenium	77-2	33	47	40	40	16.68	cps
Selenium	78-2	124	128	87	113	19.94	cps
Selenium	82-1	2069	2206	2236	2170	4.10	cps
Silicon	28-1	680084	674480	676609	677058	0.42	cps
Silver	109-1	44173	45035	44232	44480	1.08	cps
Silver	107-1	48096	45712	46188	46665	2.70	cps
Sodium	23-2	34418	33883	34877	34393	1.45	cps
Strontium	86-1	4109	4059	3876	4015	3.06	cps
Strontium	88-1	21785	21977	21409	21724	1.33	cps
Sulfur	34-1	433400	431065	429022	431162	0.51	cps
Terbium	159-1	2856887	2874181	2793250	2841439	1.50	cps
Terbium	159-2	1061665	1076887	1076896	1071816	0.82	cps
Thallium	203-1	16353	15969	15669	15997	2.14	cps
Thallium	205-1	39856	38041	38200	38699	2.60	cps
Tin	118-1	883	733	733	783	11.06	cps
Titanium	47-1	1450	1350	1583	1461	8.01	cps
Uranium	238-1	250	367	225	281	26.95	cps
Vanadium	51-2	23106	22498	22408	22671	1.67	cps
Yttrium	89-1	3224910	3244221	3207802	3225645	0.56	cps
Yttrium	89-2	203060	204607	202497	203388	0.54	cps
Zinc	66-2	4387	4177	4264	4276	2.47	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-17	Instrumnet Name :	P8
Client Sample ID :	MX2G12D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:00:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4918	4818	4618	4784	3.19	cps
Zirconium	91-1	1008	1058	1050	1039	2.58	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	343	370	358	3.89	cps
Antimony	121-1	10463	10096	10405	10321	1.91	cps
Arsenic	75-2	283	252	274	270	6.00	cps
Barium	135-1	208	258	183	217	17.63	cps
Barium	137-1	400	458	417	425	7.07	cps
Beryllium	9-1	1177	1013	1197	1129	8.91	cps
Bismuth	209-1	1519747	1509676	1509254	1512892	0.39	cps
Bismuth	209-2	778998	784352	802160	788503	1.54	cps
Boron	10-1	133	217	283	211	35.60	cps
Boron	11-1	917	867	1100	961	12.78	cps
Cadmium	111-1	3273	3490	3232	3331	4.16	cps
Cadmium	106-1	1008	1233	992	1078	12.52	cps
Cadmium	108-1	196	142	179	172	16.11	cps
Calcium	43-1	1017	937	1050	1001	5.82	cps
Calcium	44-1	50189	49350	49627	49722	0.86	cps
Chromium	52-2	4784	4998	4804	4862	2.42	cps
Cobalt	59-2	117	97	143	119	19.69	cps
Copper	63-2	4487	4541	4531	4520	0.63	cps
Dysprosium	156-1	83	75	67	75	11.11	cps
Dysprosium	156-2	20	27	27	24	15.75	cps
Erbium	164-1	33	58	0	31	95.79	cps
Erbium	164-2	23	17	17	19	20.36	cps
Gadolinium	160-1	108	58	108	92	31.49	cps
Gadolinium	160-2	43	33	30	36	19.51	cps
Holmium	165-1	2685049	2685929	2677958	2682979	0.16	cps
Holmium	165-2	1096054	1084925	1130897	1103959	2.17	cps
Indium	115-1	2740587	2694833	2699056	2711492	0.93	cps
Indium	115-2	250910	250786	258010	253235	1.63	cps
Iron	56-2	19815	19998	19826	19879	0.52	cps
Iron	57-2	450	572	539	520	12.14	cps
Krypton	83-1	893	783	793	823	7.39	cps
Lead	206-1	4240	4301	4145	4229	1.85	cps
Lead	207-1	3428	3834	3634	3632	5.58	cps
Lead	208-1	16672	16855	16761	16762	0.55	cps
Lithium	6-1	381854	377280	381580	380238	0.67	cps
Magnesium	24-2	1058	958	1075	1031	6.12	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	973	957	900	943	4.08	cps
Molybdenum	94-1	483	400	425	436	9.81	cps
Molybdenum	95-1	25	58	50	44	39.04	cps
Molybdenum	96-1	125	92	150	122	23.95	cps
Molybdenum	97-1	125	150	167	147	14.24	cps
Molybdenum	98-1	67	42	42	50	28.87	cps
Neodymium	150-1	153	120	147	140	12.60	cps
Neodymium	150-2	37	17	17	23	49.48	cps
Nickel	60-2	1213	1073	1057	1115	7.72	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	8586	8728	8728	8681	0.94	cps
Rhodium	103-1	2747505	2743170	2672186	2720954	1.55	cps
Rhodium	103-2	1178757	1174518	1210603	1187959	1.66	cps
Scandium	45-1	2292562	2292878	2266604	2284014	0.66	cps
Scandium	45-2	37109	36792	37921	37274	1.56	cps
Selenium	77-2	17	7	0	8	107.84	cps
Selenium	78-2	31	28	24	28	13.34	cps
Selenium	82-1	362	413	394	390	6.58	cps
Silicon	28-1	400372	395284	397629	397762	0.64	cps
Silver	109-1	8436	8378	8870	8561	3.14	cps
Silver	107-1	8845	8928	8561	8778	2.19	cps
Sodium	23-2	18738	19205	19464	19136	1.92	cps
Strontium	86-1	1925	2309	1717	1984	15.13	cps
Strontium	88-1	4351	4293	4084	4243	3.31	cps
Sulfur	34-1	449567	446784	449282	448544	0.34	cps
Terbium	159-1	2908479	2893361	2863008	2888282	0.80	cps
Terbium	159-2	1094816	1098228	1117258	1103434	1.10	cps
Thallium	203-1	3101	3384	3026	3170	5.96	cps
Thallium	205-1	7719	8228	7703	7883	3.79	cps
Tin	118-1	358	267	275	300	16.90	cps
Titanium	47-1	483	400	450	444	9.44	cps
Uranium	238-1	75	50	8	44	75.78	cps
Vanadium	51-2	4391	4361	4197	4316	2.41	cps
Yttrium	89-1	3282645	3207177	3215215	3235012	1.28	cps
Yttrium	89-2	207167	205344	214016	208842	2.19	cps
Zinc	66-2	1167	1227	1197	1197	2.51	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2G12L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-28 16:04:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1200	1217	1217	1211	0.79	cps
Zirconium	91-1	242	292	242	258	11.17	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4765	5005	4807	4859	2.64	cps
Antimony	121-1	128741	129606	127839	128729	0.69	cps
Arsenic	75-2	2321	2367	2376	2355	1.26	cps
Barium	135-1	320824	326281	324829	323978	0.87	cps
Barium	137-1	564553	576776	567076	569468	1.13	cps
Beryllium	9-1	12439	12352	12072	12288	1.56	cps
Bismuth	209-1	1550423	1505506	1504384	1520104	1.73	cps
Bismuth	209-2	770273	764715	766922	767303	0.36	cps
Boron	10-1	275	350	233	286	20.66	cps
Boron	11-1	1233	1042	1375	1217	13.75	cps
Cadmium	111-1	23364	23365	22383	23037	2.46	cps
Cadmium	106-1	2609	2800	2792	2734	3.96	cps
Cadmium	108-1	1533	1438	1663	1545	7.31	cps
Calcium	43-1	3137	3124	2967	3076	3.07	cps
Calcium	44-1	83473	83141	81964	82859	0.96	cps
Chromium	52-2	52435	51267	51655	51786	1.15	cps
Cobalt	59-2	183991	182805	183917	183571	0.36	cps
Copper	63-2	90456	91432	91294	91060	0.58	cps
Dysprosium	156-1	192	175	300	222	30.54	cps
Dysprosium	156-2	60	67	90	72	21.81	cps
Erbium	164-1	142	108	125	125	13.33	cps
Erbium	164-2	40	60	60	53	21.65	cps
Gadolinium	160-1	200	142	142	161	20.91	cps
Gadolinium	160-2	70	90	120	93	26.96	cps
Holmium	165-1	2754185	2693118	2696789	2714697	1.26	cps
Holmium	165-2	1093867	1068424	1083089	1081794	1.18	cps
Indium	115-1	2781896	2749193	2687203	2739431	1.76	cps
Indium	115-2	250375	247745	248317	248813	0.56	cps
Iron	56-2	214762	218914	218205	217294	1.02	cps
Iron	57-2	5690	5407	5518	5538	2.58	cps
Krypton	83-1	810	847	1003	887	11.58	cps
Lead	206-1	29128	27826	27714	28223	2.79	cps
Lead	207-1	25086	24463	24357	24636	1.60	cps
Lead	208-1	112940	111432	111098	111823	0.88	cps
Lithium	6-1	381393	371807	377195	376798	1.28	cps
Magnesium	24-2	2634	2917	2800	2784	5.12	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33861	34296	33788	33982	0.81	cps
Molybdenum	94-1	1950	1508	1634	1697	13.41	cps
Molybdenum	95-1	108	100	58	89	30.13	cps
Molybdenum	96-1	367	458	392	406	11.68	cps
Molybdenum	97-1	142	200	167	169	17.27	cps
Molybdenum	98-1	125	183	150	153	19.15	cps
Neodymium	150-1	493	400	340	411	18.79	cps
Neodymium	150-2	100	110	97	102	6.79	cps
Nickel	60-2	56681	57230	57897	57269	1.06	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	11130	11589	11522	11414	2.17	cps
Rhodium	103-1	2830473	2736512	2730655	2765880	2.03	cps
Rhodium	103-2	1185400	1157349	1166766	1169838	1.22	cps
Scandium	45-1	2322657	2281293	2253783	2285911	1.52	cps
Scandium	45-2	36093	36157	36451	36233	0.53	cps
Selenium	77-2	47	80	57	61	27.99	cps
Selenium	78-2	157	176	209	181	14.53	cps
Selenium	82-1	3689	3831	3678	3733	2.28	cps
Silicon	28-1	653702	640583	636850	643712	1.37	cps
Silver	109-1	82989	83903	83937	83610	0.64	cps
Silver	107-1	88306	89858	88104	88756	1.08	cps
Sodium	23-2	29256	29490	30075	29607	1.42	cps
Strontium	86-1	3751	3501	3651	3634	3.46	cps
Strontium	88-1	18922	18463	18906	18764	1.39	cps
Sulfur	34-1	440597	437664	434344	437535	0.71	cps
Terbium	159-1	2955598	2878707	2891152	2908486	1.42	cps
Terbium	159-2	1090793	1073118	1081841	1081917	0.82	cps
Thallium	203-1	37782	38267	36278	37442	2.77	cps
Thallium	205-1	88290	88727	89751	88923	0.84	cps
Tin	118-1	633	733	825	731	13.12	cps
Titanium	47-1	1442	1158	1242	1281	11.37	cps
Uranium	238-1	317	225	208	250	23.33	cps
Vanadium	51-2	89554	90312	88572	89479	0.98	cps
Yttrium	89-1	3329196	3239925	3245353	3271491	1.53	cps
Yttrium	89-2	208146	204329	204723	205733	1.02	cps
Zinc	66-2	20642	20923	20559	20708	0.92	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE2	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:07:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4176	5018	4243	4479	10.45	cps
Zirconium	91-1	1058	1075	858	997	12.09	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4852	4827	4682	4787	1.92	cps
Antimony	121-1	129532	127160	124166	126952	2.12	cps
Arsenic	75-2	2182	2293	2159	2211	3.23	cps
Barium	135-1	322005	323381	321886	322424	0.26	cps
Barium	137-1	557950	563001	559329	560094	0.47	cps
Beryllium	9-1	12082	12406	12405	12298	1.52	cps
Bismuth	209-1	1480797	1485314	1498797	1488303	0.63	cps
Bismuth	209-2	766945	756978	763949	762624	0.67	cps
Boron	10-1	175	317	308	267	29.81	cps
Boron	11-1	1008	1208	1208	1142	10.11	cps
Cadmium	111-1	28292	28178	28537	28336	0.65	cps
Cadmium	106-1	3192	3376	3309	3292	2.82	cps
Cadmium	108-1	1767	1738	2029	1845	8.71	cps
Calcium	43-1	2950	2774	3090	2938	5.40	cps
Calcium	44-1	81062	82685	82544	82097	1.10	cps
Chromium	52-2	50688	49557	50059	50102	1.13	cps
Cobalt	59-2	180333	175932	177242	177836	1.27	cps
Copper	63-2	88936	87550	87413	87966	0.96	cps
Dysprosium	156-1	242	267	200	236	14.26	cps
Dysprosium	156-2	77	67	87	77	13.04	cps
Erbium	164-1	125	75	108	103	24.77	cps
Erbium	164-2	60	57	50	56	9.17	cps
Gadolinium	160-1	208	192	167	189	11.11	cps
Gadolinium	160-2	110	77	90	92	18.19	cps
Holmium	165-1	2625373	2680629	2681900	2662634	1.21	cps
Holmium	165-2	1074160	1060022	1077286	1070489	0.86	cps
Indium	115-1	2686562	2704227	2734612	2708467	0.90	cps
Indium	115-2	246050	244812	247849	246237	0.62	cps
Iron	56-2	212275	208322	209647	210081	0.96	cps
Iron	57-2	5368	5162	5401	5310	2.44	cps
Krypton	83-1	867	833	920	873	5.01	cps
Lead	206-1	27519	27920	27709	27716	0.72	cps
Lead	207-1	24753	24981	24836	24856	0.46	cps
Lead	208-1	111242	111067	111521	111277	0.21	cps
Lithium	6-1	377640	377340	382976	379319	0.84	cps
Magnesium	24-2	2884	2400	2700	2661	9.17	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33173	33136	33453	33254	0.52	cps
Molybdenum	94-1	1784	1659	1634	1692	4.75	cps
Molybdenum	95-1	108	117	67	97	27.55	cps
Molybdenum	96-1	417	392	450	419	6.98	cps
Molybdenum	97-1	142	175	217	178	21.14	cps
Molybdenum	98-1	92	133	133	119	20.14	cps
Neodymium	150-1	460	260	353	358	27.97	cps
Neodymium	150-2	100	60	97	86	25.94	cps
Nickel	60-2	55179	54520	56120	55273	1.45	cps
Phosphorus	31-2	8	8	42	19	99.00	cps
Potassium	39-2	10855	10888	10513	10752	1.93	cps
Rhodium	103-1	2681043	2703104	2715837	2699995	0.65	cps
Rhodium	103-2	1164957	1153477	1159992	1159475	0.50	cps
Scandium	45-1	2243214	2290711	2295172	2276366	1.27	cps
Scandium	45-2	36501	35869	36040	36137	0.90	cps
Selenium	77-2	63	43	43	50	23.10	cps
Selenium	78-2	200	181	194	192	4.95	cps
Selenium	82-1	3724	3711	3525	3653	3.04	cps
Silicon	28-1	650438	650137	651577	650717	0.12	cps
Silver	109-1	82529	81580	81590	81900	0.67	cps
Silver	107-1	85764	88012	85010	86262	1.81	cps
Sodium	23-2	28889	27219	27051	27720	3.67	cps
Strontium	86-1	3542	3617	3876	3678	4.76	cps
Strontium	88-1	19031	17896	18713	18547	3.16	cps
Sulfur	34-1	449961	444357	448293	447537	0.64	cps
Terbium	159-1	2833742	2832482	2878556	2848260	0.92	cps
Terbium	159-2	1077171	1063435	1069178	1069928	0.64	cps
Thallium	203-1	36613	35994	36178	36261	0.88	cps
Thallium	205-1	86250	86696	88795	87247	1.56	cps
Tin	118-1	567	725	633	642	12.39	cps
Titanium	47-1	1442	1217	1325	1328	8.48	cps
Uranium	238-1	383	192	225	267	38.40	cps
Vanadium	51-2	88685	88286	88796	88589	0.30	cps
Yttrium	89-1	3196757	3239696	3257320	3231258	0.96	cps
Yttrium	89-2	205250	200965	202719	202978	1.06	cps
Zinc	66-2	19898	20078	20015	19997	0.46	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:20:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4743	4643	4151	4512	7.02	cps
Zirconium	91-1	950	858	967	925	6.31	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4917	4654	4522	4698	4.28	cps
Antimony	121-1	127007	128859	130744	128870	1.45	cps
Arsenic	75-2	2061	2137	2121	2106	1.89	cps
Barium	135-1	325803	321177	319775	322252	0.98	cps
Barium	137-1	569618	562786	562359	564921	0.72	cps
Beryllium	9-1	12162	11822	12129	12037	1.56	cps
Bismuth	209-1	1483904	1493014	1511710	1496209	0.95	cps
Bismuth	209-2	765616	774952	735929	758832	2.69	cps
Boron	10-1	192	175	217	194	10.79	cps
Boron	11-1	1033	1050	1075	1053	1.99	cps
Cadmium	111-1	26771	27729	27064	27188	1.80	cps
Cadmium	106-1	3326	3167	3142	3212	3.10	cps
Cadmium	108-1	1992	1921	1742	1885	6.84	cps
Calcium	43-1	3040	3090	3024	3051	1.14	cps
Calcium	44-1	81726	81323	81052	81367	0.42	cps
Chromium	52-2	50979	50932	47421	49777	4.10	cps
Cobalt	59-2	175832	179253	169420	174835	2.86	cps
Copper	63-2	89103	90140	83570	87604	4.03	cps
Dysprosium	156-1	192	258	225	225	14.81	cps
Dysprosium	156-2	87	73	87	82	9.37	cps
Erbium	164-1	100	150	150	133	21.65	cps
Erbium	164-2	50	50	50	50	0.00	cps
Gadolinium	160-1	217	225	83	175	45.42	cps
Gadolinium	160-2	63	73	70	69	7.40	cps
Holmium	165-1	2689057	2679000	2707714	2691924	0.54	cps
Holmium	165-2	1075935	1099621	1027209	1067588	3.46	cps
Indium	115-1	2641798	2678978	2672583	2664453	0.75	cps
Indium	115-2	243961	247698	234054	241904	2.91	cps
Iron	56-2	211516	214113	201792	209140	3.11	cps
Iron	57-2	5196	5479	5201	5292	3.06	cps
Krypton	83-1	967	960	873	933	5.58	cps
Lead	206-1	27926	28422	28956	28434	1.81	cps
Lead	207-1	24736	24675	24224	24545	1.14	cps
Lead	208-1	111576	111765	113623	112321	1.01	cps
Lithium	6-1	384082	381084	382209	382458	0.40	cps
Magnesium	24-2	2817	2900	2384	2700	10.27	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33307	33153	31566	32675	2.95	cps
Molybdenum	94-1	1525	1584	1700	1603	5.56	cps
Molybdenum	95-1	125	67	117	103	30.70	cps
Molybdenum	96-1	392	300	333	342	13.58	cps
Molybdenum	97-1	158	242	117	172	36.96	cps
Molybdenum	98-1	167	175	133	158	13.93	cps
Neodymium	150-1	387	347	353	362	5.92	cps
Neodymium	150-2	97	103	93	98	5.21	cps
Nickel	60-2	55176	56300	52442	54639	3.63	cps
Phosphorus	31-2	67	17	17	33	86.59	cps
Potassium	39-2	11213	11188	9954	10785	6.68	cps
Rhodium	103-1	2700426	2696435	2653127	2683329	0.98	cps
Rhodium	103-2	1162816	1166590	1095902	1141769	3.48	cps
Scandium	45-1	2235647	2223722	2222246	2227205	0.33	cps
Scandium	45-2	35983	36157	33397	35179	4.39	cps
Selenium	77-2	43	53	37	44	18.87	cps
Selenium	78-2	172	183	172	176	3.65	cps
Selenium	82-1	3427	3673	3683	3594	4.04	cps
Silicon	28-1	690215	656364	659699	668759	2.79	cps
Silver	109-1	81061	81908	82017	81662	0.64	cps
Silver	107-1	87224	85480	86562	86422	1.02	cps
Sodium	23-2	25949	26275	26425	26217	0.93	cps
Strontium	86-1	3459	3484	3492	3478	0.50	cps
Strontium	88-1	18346	19331	17762	18480	4.29	cps
Sulfur	34-1	443570	440379	437374	440441	0.70	cps
Terbium	159-1	2828732	2841985	2839302	2836673	0.25	cps
Terbium	159-2	1078290	1083794	1017585	1059890	3.47	cps
Thallium	203-1	36587	36462	36829	36626	0.51	cps
Thallium	205-1	87846	86385	88247	87493	1.12	cps
Tin	118-1	650	708	583	647	9.66	cps
Titanium	47-1	1200	1292	1158	1217	5.61	cps
Uranium	238-1	292	258	192	247	20.60	cps
Vanadium	51-2	88554	88675	82981	86737	3.75	cps
Yttrium	89-1	3170897	3199238	3202582	3190906	0.55	cps
Yttrium	89-2	203288	204485	191558	199777	3.58	cps
Zinc	66-2	20569	20609	19027	20068	4.50	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	K1554-18	Instrumnet Name :	P8
Client Sample ID :	MX2G12S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:24:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4526	4351	4468	4448	2.00	cps
Zirconium	91-1	875	1025	1008	970	8.48	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539716	540662	538547	539642	0.20	cps
Antimony	121-1	2403151	2400486	2375412	2393016	0.64	cps
Arsenic	75-2	71416	71346	71264	71342	0.11	cps
Barium	135-1	2349045	2337985	2326112	2337714	0.49	cps
Barium	137-1	4035388	4109519	4055689	4066866	0.94	cps
Beryllium	9-1	464566	470404	464620	466530	0.72	cps
Bismuth	209-1	1576756	1503246	1549864	1543289	2.41	cps
Bismuth	209-2	809848	803759	814969	809525	0.69	cps
Boron	10-1	60838	63240	64530	62869	2.98	cps
Boron	11-1	314131	319168	322588	318629	1.34	cps
Cadmium	111-1	533918	541433	536614	537322	0.71	cps
Cadmium	106-1	60394	58302	58762	59153	1.86	cps
Cadmium	108-1	39253	40068	39976	39766	1.12	cps
Calcium	43-1	3731723	3708956	3764806	3735162	0.75	cps
Calcium	44-1	59088739	59592142	59211289	59297390	0.44	cps
Chromium	52-2	515108	513712	518583	515801	0.49	cps
Cobalt	59-2	969162	974576	966595	970111	0.42	cps
Copper	63-2	1510619	1518212	1504684	1511172	0.45	cps
Dysprosium	156-1	50	58	42	50	16.67	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	33	17	50	33	49.99	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	27	17	3	16	75.27	cps
Holmium	165-1	2874330	2757106	2822310	2817915	2.08	cps
Holmium	165-2	1162879	1157124	1163059	1161021	0.29	cps
Indium	115-1	2694205	2632204	2670029	2665480	1.17	cps
Indium	115-2	248721	247930	244240	246964	0.97	cps
Iron	56-2	87135688	87602535	86813891	87184038	0.45	cps
Iron	57-2	2250423	2264929	2235799	2250384	0.65	cps
Krypton	83-1	933	860	953	916	5.37	cps
Lead	206-1	1023565	1036059	1025680	1028435	0.65	cps
Lead	207-1	926570	935211	933616	931799	0.49	cps
Lead	208-1	4283803	4311286	4307702	4300931	0.35	cps
Lithium	6-1	423460	415072	427208	421913	1.47	cps
Magnesium	24-2	10567293	10552349	10493567	10537736	0.37	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	325440	326479	321869	324596	0.75	cps
Molybdenum	94-1	4577678	4641065	4651175	4623306	0.86	cps
Molybdenum	95-1	5770745	5821460	5791628	5794611	0.44	cps
Molybdenum	96-1	6430204	6492333	6420631	6447723	0.60	cps
Molybdenum	97-1	3537799	3537101	3564534	3546478	0.44	cps
Molybdenum	98-1	8986677	9067919	9003982	9019526	0.47	cps
Neodymium	150-1	120	133	120	124	6.18	cps
Neodymium	150-2	13	13	0	9	86.60	cps
Nickel	60-2	274766	276947	274128	275281	0.54	cps
Phosphorus	31-2	8953	8886	8620	8820	2.00	cps
Potassium	39-2	3459785	3489159	3486276	3478407	0.47	cps
Rhodium	103-1	2700092	2582352	2618219	2633554	2.29	cps
Rhodium	103-2	1140831	1143510	1127035	1137125	0.78	cps
Scandium	45-1	2372798	2278239	2330709	2327249	2.04	cps
Scandium	45-2	38359	37707	37540	37869	1.14	cps
Selenium	77-2	627	540	590	586	7.43	cps
Selenium	78-2	1930	1935	1935	1933	0.17	cps
Selenium	82-1	40909	41564	41346	41273	0.81	cps
Silicon	28-1	1990159	1983514	2011250	1994974	0.73	cps
Silver	109-1	2491169	2520366	2511355	2507630	0.60	cps
Silver	107-1	2628799	2675945	2616275	2640340	1.19	cps
Sodium	23-2	24475086	24277625	24293580	24348764	0.45	cps
Strontium	86-1	808059	818706	813434	813399	0.65	cps
Strontium	88-1	6853379	7023947	6952448	6943258	1.23	cps
Sulfur	34-1	756619	748698	751187	752168	0.54	cps
Terbium	159-1	3063608	2896723	2992815	2984382	2.81	cps
Terbium	159-2	1160303	1151225	1148149	1153226	0.55	cps
Thallium	203-1	1304891	1292728	1295004	1297541	0.50	cps
Thallium	205-1	3221146	3221505	3185423	3209358	0.65	cps
Tin	118-1	1549885	1557918	1563837	1557213	0.45	cps
Titanium	47-1	1924471	1920578	1923071	1922707	0.10	cps
Uranium	238-1	3985239	4024037	3997438	4002238	0.50	cps
Vanadium	51-2	392724	394548	397838	395037	0.66	cps
Yttrium	89-1	3339457	3225694	3297511	3287554	1.75	cps
Yttrium	89-2	213708	213699	210492	212633	0.87	cps
Zinc	66-2	179924	178896	178414	179078	0.43	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:29:24	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3809105	3848898	3824121	3827375	0.53	cps
Zirconium	91-1	824636	831139	826351	827375	0.41	cps

LB Number : LB101093 Operator : Jaswal
 Lab Sample ID : CCB015 Instrumnet Name : P8
 Client Sample ID : CCB015 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-28 16:36:20 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	60	56	9.33	cps
Antimony	121-1	508	675	475	553	19.39	cps
Arsenic	75-2	4	7	7	6	34.70	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	58	58	33	50	28.88	cps
Beryllium	9-1	53	93	90	79	28.14	cps
Bismuth	209-1	1599043	1573749	1588659	1587150	0.80	cps
Bismuth	209-2	825812	830798	830733	829114	0.34	cps
Boron	10-1	483	558	492	511	8.04	cps
Boron	11-1	2467	2525	2117	2370	9.32	cps
Cadmium	111-1	577	445	483	501	13.61	cps
Cadmium	106-1	833	642	692	722	13.77	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	313	313	317	314	0.61	cps
Calcium	44-1	40859	40168	39846	40291	1.28	cps
Chromium	52-2	2144	2127	2160	2144	0.78	cps
Cobalt	59-2	100	97	117	104	10.26	cps
Copper	63-2	813	837	777	809	3.74	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.34	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	2769845	2786428	2796029	2784101	0.48	cps
Holmium	165-2	1134158	1136868	1132703	1134576	0.19	cps
Indium	115-1	2706026	2709458	2750278	2721921	0.90	cps
Indium	115-2	258558	255209	254996	256254	0.78	cps
Iron	56-2	4562	4345	4206	4371	4.10	cps
Iron	57-2	144	172	122	146	17.12	cps
Krypton	83-1	920	850	883	884	3.96	cps
Lead	206-1	356	411	489	419	16.00	cps
Lead	207-1	389	439	367	398	9.29	cps
Lead	208-1	1628	1645	1783	1685	5.07	cps
Lithium	6-1	413895	416914	416652	415820	0.40	cps
Magnesium	24-2	500	433	425	453	9.08	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:36:20	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	73	100	90	16.15	cps
Molybdenum	94-1	175	250	367	264	36.60	cps
Molybdenum	95-1	133	133	183	150	19.24	cps
Molybdenum	96-1	233	258	217	236	8.88	cps
Molybdenum	97-1	150	183	200	178	14.32	cps
Molybdenum	98-1	225	242	250	239	5.33	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	97	97	96	2.01	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	7502	7377	7652	7511	1.83	cps
Rhodium	103-1	2752788	2750089	2835443	2779440	1.75	cps
Rhodium	103-2	1204278	1196105	1195456	1198613	0.41	cps
Scandium	45-1	2321207	2317931	2328312	2322483	0.23	cps
Scandium	45-2	37116	37894	36905	37305	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-48	9	-34	-24	-123.09	cps
Silicon	28-1	359641	360531	362090	360754	0.34	cps
Silver	109-1	275	333	275	294	11.44	cps
Silver	107-1	250	200	333	261	25.80	cps
Sodium	23-2	15893	15075	15175	15381	2.90	cps
Strontium	86-1	1534	1408	1158	1367	13.97	cps
Strontium	88-1	75	92	100	89	14.32	cps
Sulfur	34-1	494356	491204	495143	493567	0.42	cps
Terbium	159-1	2905634	2951374	2951762	2936257	0.90	cps
Terbium	159-2	1141279	1124680	1106972	1124310	1.53	cps
Thallium	203-1	183	167	158	169	7.51	cps
Thallium	205-1	333	350	442	375	15.56	cps
Tin	118-1	350	367	375	364	3.50	cps
Titanium	47-1	125	150	100	125	20.00	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	20	17	30	22	31.22	cps
Yttrium	89-1	3350006	3294186	3285384	3309859	1.06	cps
Yttrium	89-2	211774	213632	211310	212239	0.58	cps
Zinc	66-2	207	180	147	178	16.91	cps

LB Number :	LB101093	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2019-02-28 16:36:20	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	417	608	494	20.39	cps
Zirconium	91-1	142	92	117	117	21.43	cps