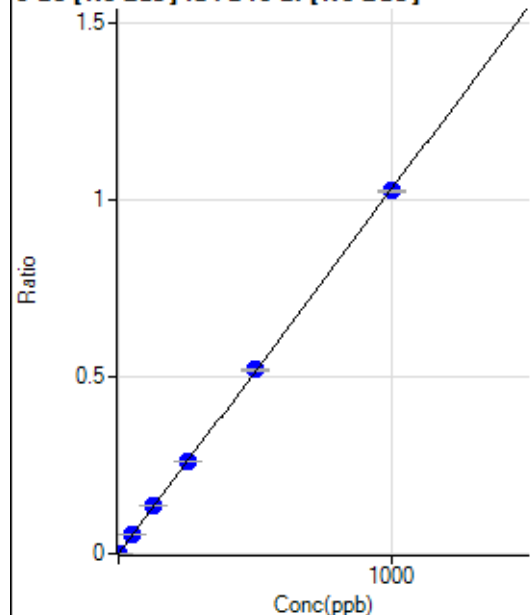


Batch Folder: D:\P8030818 MS.b\
Analysis File: P8030818 MS.batch.bin
DA Date-Time: 2018-03-09 00:09:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-03-08 16:13:41
2			
3	006CALS.d	S02	2018-03-08 16:21:15
4	007CALS.d	S03	2018-03-08 16:25:01
5	008CALS.d	S04	2018-03-08 16:28:46
6	009CALS.d	S05	2018-03-08 16:32:26
7	010CALS.d	S06	2018-03-08 16:36:00
8	011CALS.d	S07	2018-03-08 16:39:31
9	012CALS.d	S08	2018-03-08 16:42:59

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	0.937	751.89	0.0011	P	9.7
4	☐	50.000	53.360	38286.64	0.0551	P	1.0
5	☐	125.000	130.267	93107.00	0.1344	P	0.3
6	☐	250.000	254.310	180971.04	0.2623	P	0.5
7	☐	500.000	504.846	352038.35	0.5206	P	0.4
8	☐	1000.000	995.673	678546.30	1.0267	P	0.3
9	☐			401.87	0.0006	P	9.0

$$y = 0.0010 * x + 8.5848E-005$$

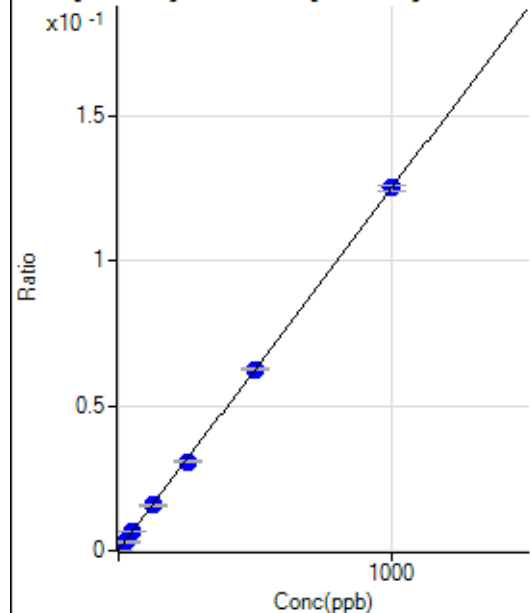
$$R = 1.0000$$

$$DL = 0.04039$$

$$BEC = 0.08326$$

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	133.34	0.0002	P	38.5
2	☐	2.500					
3	☐	25.000	23.040	2191.92	0.0031	P	8.1
4	☐	50.000	51.145	4567.61	0.0066	P	6.5
5	☐	125.000	125.176	10957.37	0.0158	P	2.8
6	☐	250.000	244.098	21158.03	0.0307	P	1.8
7	☐	500.000	499.894	42335.76	0.0626	P	1.5
8	☐	1000.000	1001.498	82772.06	0.1252	P	1.5
9	☐			3758.99	0.0057	P	9.9

$$y = 1.2486E-004 * x + 1.8742E-004$$

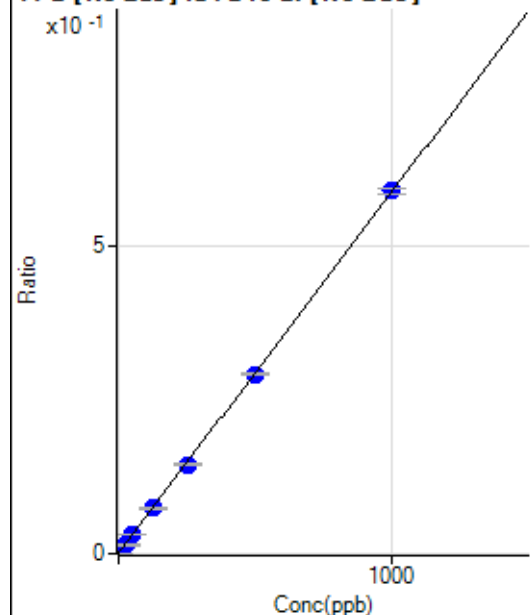
$$R = 1.0000$$

$$DL = 1.732$$

$$BEC = 1.501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	591.70	0.0008	P	16.1
2	☐	2.500					
3	☐	25.000	22.639	10090.13	0.0141	P	1.9
4	☐	50.000	50.941	21333.24	0.0307	P	2.3
5	☐	125.000	124.648	51211.88	0.0739	P	1.6
6	☐	250.000	245.216	99784.82	0.1446	P	3.0
7	☐	500.000	495.505	197050.57	0.2914	P	1.5
8	☐	1000.000	1003.500	389471.17	0.5893	P	1.4
9	☐			18156.55	0.0276	P	8.8

$$y = 5.8641\text{E-}004 * x + 8.3102\text{E-}004$$

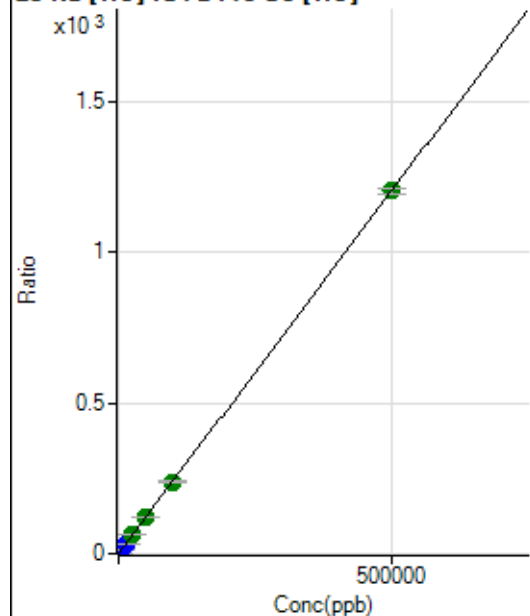
$$R = 1.0000$$

$$DL = 0.6829$$

$$BEC = 1.417$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4356.41	0.2268	P	5.6
2	☐	50.000					
3	☐	500.000	460.898	25523.64	1.3373	P	3.7
4	☐	5000.000	5036.888	232692.20	12.3630	P	4.0
5	☐	12500.000	12531.882	553217.78	30.4219	P	1.5
6	☐	25000.000	26043.657	1101235.51	62.9780	A	0.9
7	☐	50000.000	50472.084	2150664.35	121.8374	A	2.0
8	☐	100000.00	99192.378	4161836.51	239.2271	A	1.7
9	☐	500000.00	500061.00	20403906.01	1,205.105	A	1.7

$$y = 0.0024 * x + 0.2268$$

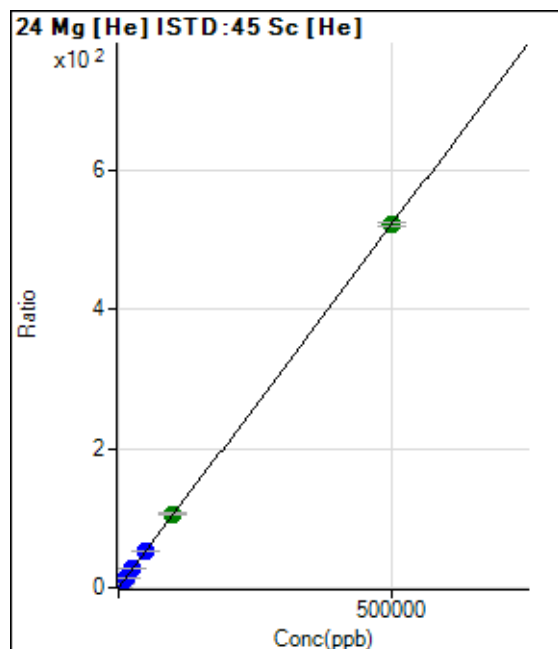
$$R = 1.0000$$

$$DL = 15.75$$

$$BEC = 94.11$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0140	P	5.6
2	☐	50.000					
3	☐	500.000	478.019	9801.06	0.5131	P	1.6
4	☐	5000.000	5168.838	101835.74	5.4108	P	4.3
5	☐	12500.000	12815.481	243584.66	13.3946	P	1.2
6	☐	25000.000	25830.701	471794.48	26.9837	P	0.9
7	☐	50000.000	49906.762	920074.62	52.1213	P	1.7
8	☐	100000.00	101180.84	1837852.21	105.6562	A	2.7
9	☐	500000.00	499722.06	8834881.71	521.7703	A	1.1

$$y = 0.0010 * x + 0.0140$$

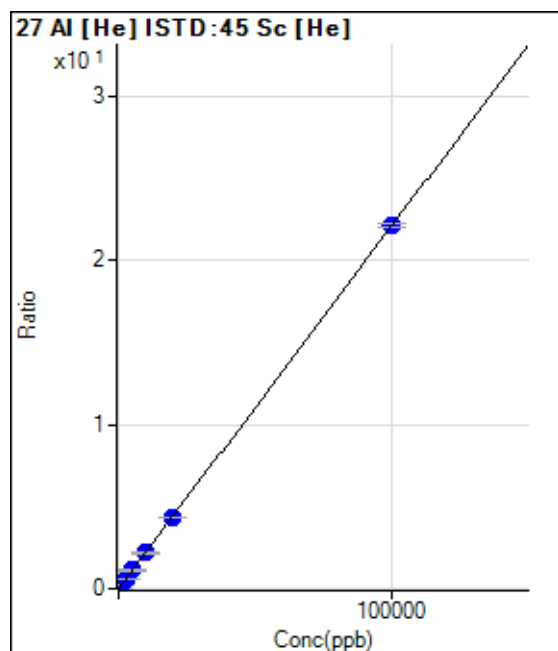
$$R = 1.0000$$

$$DL = 2.252$$

$$BEC = 13.45$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0012	P	22.0
2	☐	2.000					
3	☐	20.000	24.623	125.01	0.0066	P	55.2
4	☐	1000.000	967.554	4050.77	0.2150	P	2.6
5	☐	2500.000	2457.344	9898.33	0.5443	P	0.7
6	☐	5000.000	5063.671	19586.49	1.1203	P	1.8
7	☐	10000.000	9819.961	38336.18	2.1715	P	1.0
8	☐	20000.000	19588.735	75336.10	4.3305	P	1.8
9	☐	100000.00	100098.46	374615.07	22.1239	P	1.2

$$y = 2.2101E-004 * x + 0.0012$$

$$R = 1.0000$$

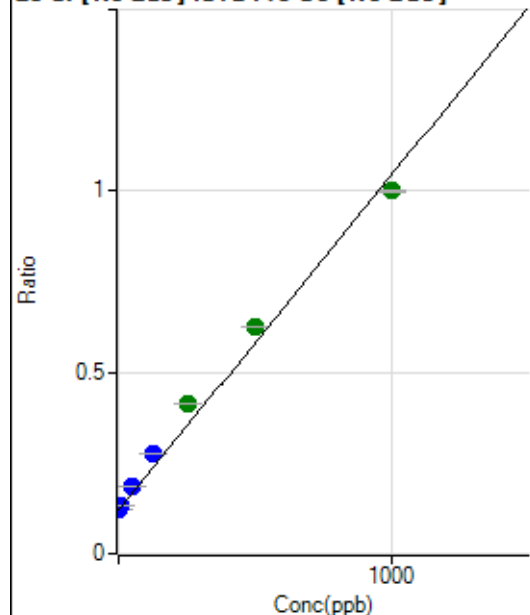
$$DL = 3.463$$

$$BEC = 5.242$$

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	313351.57	0.1198	P	0.8
2	☐	1.000					
3	☐	10.000	15.948	353567.10	0.1345	P	0.6
4	☐	50.000	69.266	468004.90	0.1838	P	0.6
5	☐	125.000	167.587	699454.77	0.2747	P	0.9
6	☐	250.000	317.426	1042533.25	0.4133	A	0.9
7	☐	500.000	548.735	1567438.35	0.6272	A	0.3
8	☐	1000.000	952.430	2480071.74	1.0004	A	0.2
9	☐			640085.75	0.2638	P	1.4

$$y = 9.2462\text{E-}004 * x + 0.1198$$

$$R = 0.9952$$

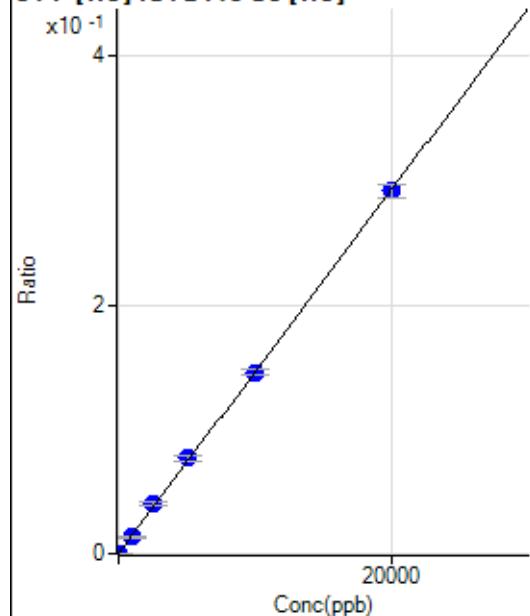
$$DL = 3.014$$

$$BEC = 129.5$$

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	-9.965	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	9.965	5.55	0.0003	P	86.7
4	☐	1000.000	889.224	247.24	0.0131	P	5.1
5	☐	2500.000	2740.967	730.62	0.0402	P	5.0
6	☐	5000.000	5265.347	1347.35	0.0771	P	6.2
7	☐	10000.000	9940.707	2567.02	0.1453	P	3.4
8	☐	20000.000	19938.728	5067.81	0.2914	P	3.9
9	☐			0.00	0.0000	P	

$$y = 1.4607\text{E-}005 * x + 1.4556\text{E-}004$$

$$R = 0.9998$$

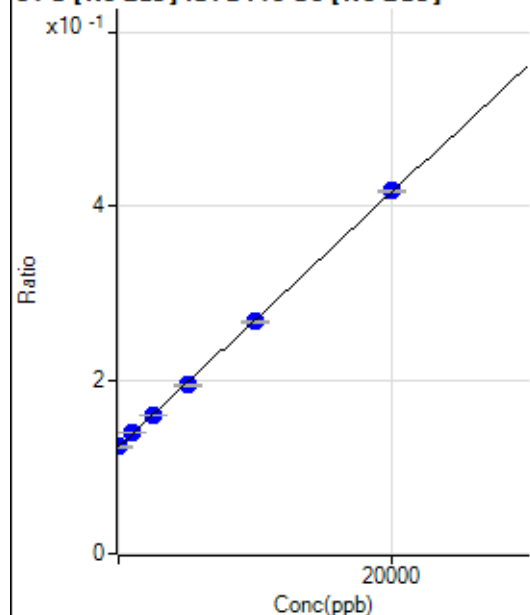
$$DL = 25.91$$

$$BEC = 9.965$$

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	-5.665	321814.00	0.1230	P	0.1
2	☐	0.000					
3	☐	0.000	5.665	323730.47	0.1232	P	1.3
4	☐	1000.000	1128.723	355441.89	0.1396	P	0.3
5	☐	2500.000	2511.830	406974.49	0.1598	P	0.6
6	☐	5000.000	4843.568	489306.63	0.1940	P	0.7
7	☐	10000.000	9856.131	668100.66	0.2673	P	0.6
8	☐	20000.000	20103.128	1034417.41	0.4173	P	0.5
9	☐			276809.44	0.1141	P	0.9

$$y = 1.4633\text{E-}005 * x + 0.1231$$

$$R = 0.9999$$

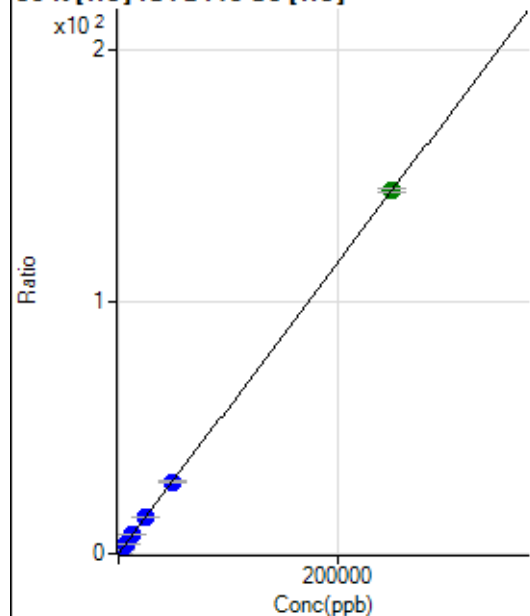
$$DL = 178.3$$

$$BEC = 8412$$

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	1780.76	0.0928	P	7.1
2	☐	50.000					
3	☐	500.000	487.956	7135.43	0.3739	P	4.0
4	☐	2500.000	2576.661	29696.22	1.5772	P	2.5
5	☐	6250.000	6237.276	67032.54	3.6862	P	1.6
6	☐	12500.000	12856.254	131127.97	7.4994	P	1.0
7	☐	25000.000	24683.057	252676.43	14.3130	P	1.5
8	☐	50000.000	49173.107	494433.05	28.4221	P	2.1
9	☐	250000.00	250178.83	2442097.69	144.2242	A	1.1

$$y = 5.7611\text{E-}004 * x + 0.0928$$

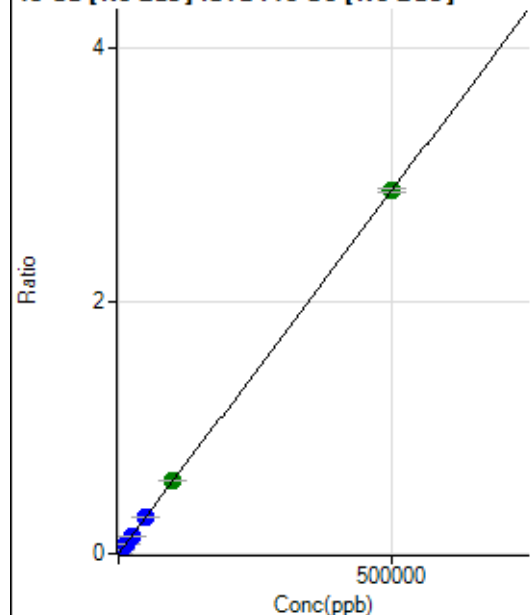
$$R = 1.0000$$

$$DL = 34.15$$

$$BEC = 161$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	758.39	0.0003	P	11.1
2	☐	50.000					
3	☐	500.000	444.388	7468.99	0.0028	P	5.4
4	☐	5000.000	5097.632	75277.26	0.0296	P	1.0
5	☐	12500.000	12498.177	183494.71	0.0721	P	0.3
6	☐	25000.000	24970.071	362495.46	0.1437	P	0.6
7	☐	50000.000	49739.330	714694.95	0.2860	P	0.2
8	☐	100000.00	100017.18	1424766.09	0.5747	A	0.2
9	☐	500000.00	500023.25	6967330.45	2.8721	A	0.9

$$y = 5.7433\text{E-}006 * x + 2.8980\text{E-}004$$

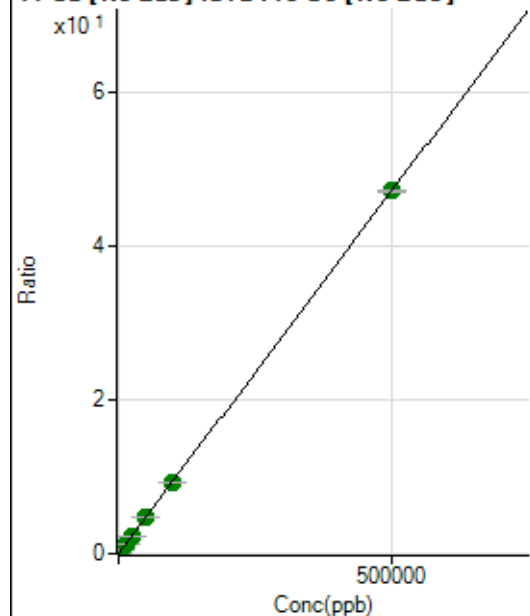
$$R = 1.0000$$

$$DL = 16.82$$

$$BEC = 50.46$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10529.35	0.0040	P	1.6
2	☐	50.000					
3	☐	500.000	457.586	123971.40	0.0472	P	1.5
4	☐	5000.000	5159.141	1248742.65	0.4905	A	0.8
5	☐	12500.000	12422.150	2992356.34	1.1753	A	0.3
6	☐	25000.000	24736.708	5893827.26	2.3364	A	0.7
7	☐	50000.000	49484.304	11671424.39	4.6699	A	0.3
8	☐	100000.00	98469.219	23026943.22	9.2887	A	0.8
9	☐	500000.00	500371.28	114464931.7	47.1841	A	0.8

$$y = 9.4290\text{E-}005 * x + 0.0040$$

$$R = 1.0000$$

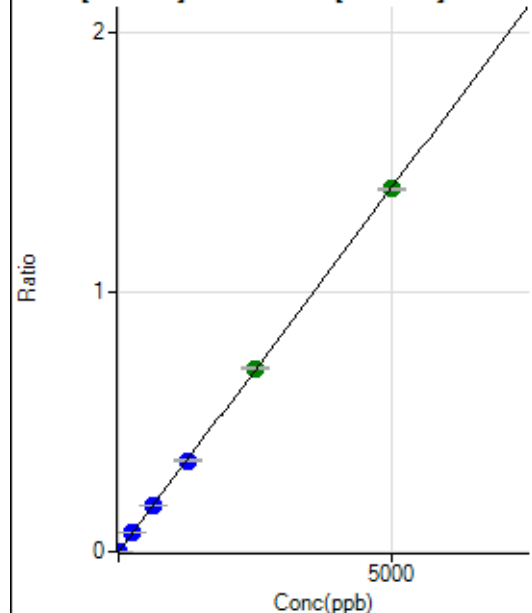
$$DL = 2.079$$

$$BEC = 42.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	62.3
2	☐	0.500					
3	☐	5.000	4.744	3581.19	0.0014	P	4.8
4	☐	250.000	257.707	184144.37	0.0723	P	1.0
5	☐	625.000	626.641	447658.07	0.1758	P	0.4
6	☐	1250.000	1250.639	885119.23	0.3509	P	1.0
7	☐	2500.000	2522.951	1769001.47	0.7078	A	1.0
8	☐	5000.000	4987.775	3468861.80	1.3993	A	0.7
9	☐			972.30	0.0004	P	6.6

$$y = 2.8054\text{E-}004 * x + 3.1807\text{E-}005$$

$$R = 1.0000$$

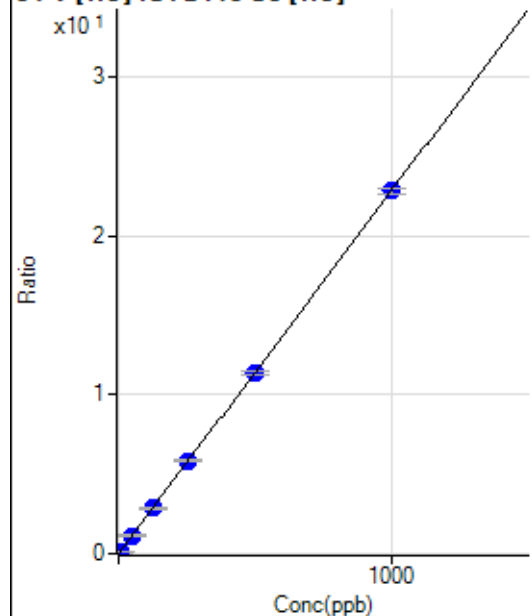
$$DL = 0.2121$$

$$BEC = 0.1134$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0011	P	87.3
2	☐	0.500					
3	☐	5.000	4.659	2056.86	0.1076	P	4.6
4	☐	50.000	50.153	21613.53	1.1481	P	2.8
5	☐	125.000	124.794	51920.47	2.8551	P	1.1
6	☐	250.000	255.192	102054.79	5.8372	P	1.6
7	☐	500.000	498.049	201096.63	11.3911	P	1.3
8	☐	1000.000	999.697	397754.32	22.8635	P	1.7
9	☐			111.11	0.0066	P	15.6

$$y = 0.0229 * x + 0.0011$$

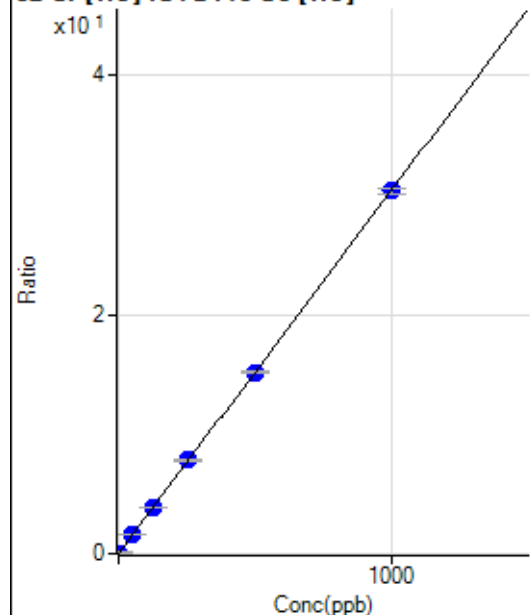
$$R = 1.0000$$

$$DL = 0.1264$$

$$BEC = 0.04823$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	324.46	0.0169	P	16.1
2	☐	0.200					
3	☐	2.000	2.067	1520.11	0.0796	P	4.0
4	☐	50.000	50.897	29386.81	1.5612	P	3.5
5	☐	125.000	127.212	70497.63	3.8766	P	1.3
6	☐	250.000	257.606	136948.12	7.8329	P	1.5
7	☐	500.000	498.617	267358.00	15.1454	P	1.6
8	☐	1000.000	998.469	527322.69	30.3113	P	1.8
9	☐			12663.67	0.7480	P	2.3

$$y = 0.0303 * x + 0.0169$$

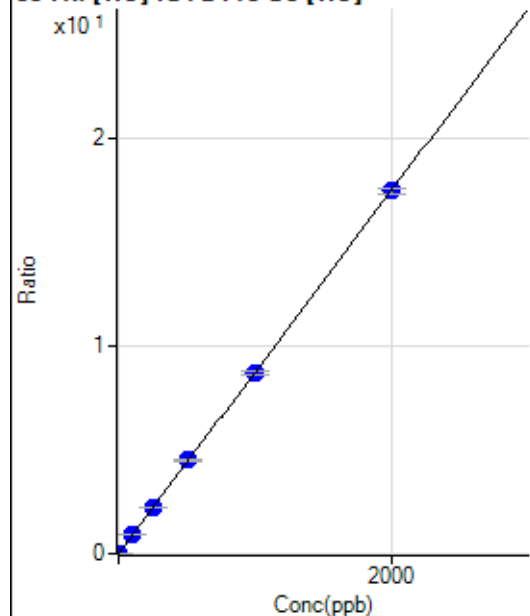
$$R = 1.0000$$

$$DL = 0.2684$$

$$BEC = 0.5573$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0009	P	49.3
2	☐	0.100					
3	☐	1.000	1.086	198.89	0.0104	P	14.9
4	☐	100.000	101.917	16771.37	0.8907	P	1.9
5	☐	250.000	253.310	40233.50	2.2125	P	2.0
6	☐	500.000	514.048	78487.90	4.4889	P	0.7
7	☐	1000.000	997.578	153761.55	8.7104	P	1.7
8	☐	2000.000	1997.189	303357.42	17.4376	P	1.8
9	☐			1057.84	0.0625	P	0.2

$$y = 0.0087 * x + 9.3302E-004$$

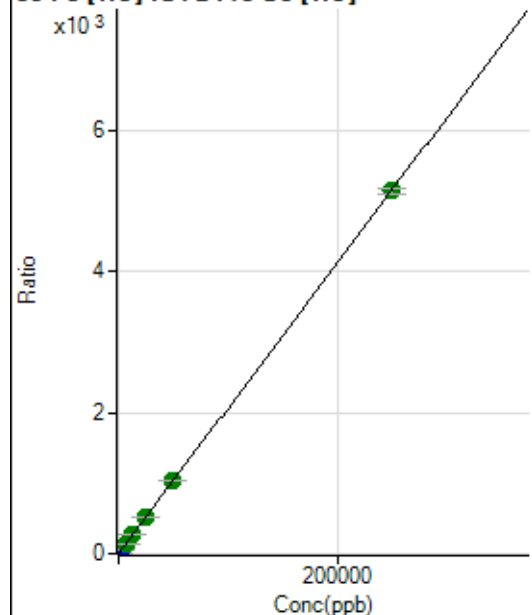
$$R = 1.0000$$

$$DL = 0.1581$$

$$BEC = 0.1069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1094.52	0.0571	P	13.2
2	☐	5.000					
3	☐	50.000	47.665	19814.54	1.0377	P	2.0
4	☐	2500.000	2561.875	993306.47	52.7596	P	2.4
5	☐	6250.000	6495.540	2430953.53	133.6824	A	1.8
6	☐	12500.000	13090.165	4709256.24	269.3461	A	1.3
7	☐	25000.000	25179.359	9144855.65	518.0433	A	1.7
8	☐	50000.000	50326.461	18010600.40	1,035.365	A	2.4
9	☐	250000.00	249880.50	87034655.65	5,140.563	A	1.9

$$y = 0.0206 * x + 0.0571$$

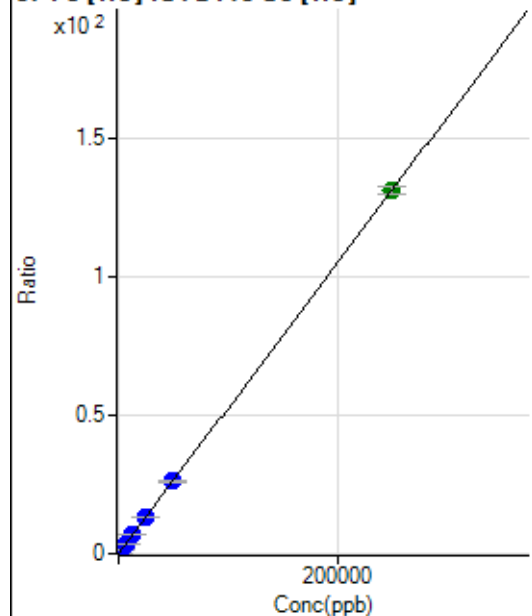
$$R = 1.0000$$

$$DL = 1.102$$

$$BEC = 2.776$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0009	P	66.5
2	☐	5.000					
3	☐	50.000	45.158	468.54	0.0246	P	14.3
4	☐	2500.000	2497.531	24700.16	1.3125	P	4.8
5	☐	6250.000	6322.882	60397.30	3.3215	P	2.4
6	☐	12500.000	12812.979	117666.30	6.7299	P	1.1
7	☐	25000.000	24850.765	230388.53	13.0517	P	2.0
8	☐	50000.000	49747.679	454521.87	26.1268	P	1.8
9	☐	250000.00	250047.94	2223315.70	131.3184	A	1.9

$$y = 5.2517E-004 * x + 8.7199E-004$$

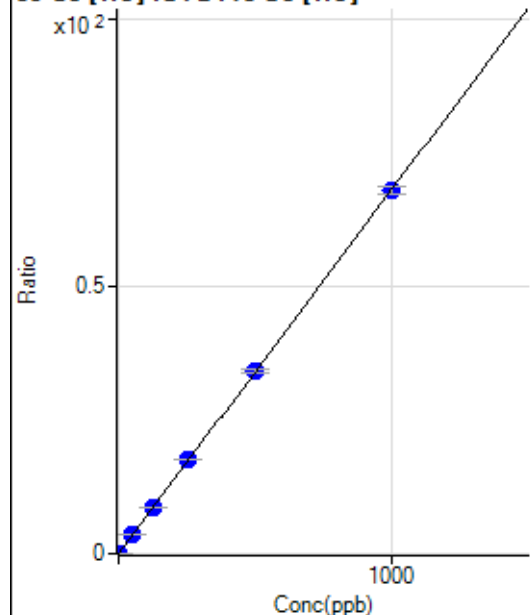
$$R = 1.0000$$

$$DL = 3.312$$

$$BEC = 1.66$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0037	P	26.4
2	☐	0.100					
3	☐	1.000	0.963	1320.09	0.0691	P	3.6
4	☐	50.000	51.201	65538.66	3.4816	P	3.3
5	☐	125.000	126.730	156609.49	8.6121	P	1.9
6	☐	250.000	259.170	307868.48	17.6083	P	1.1
7	☐	500.000	500.342	599992.37	33.9904	P	2.1
8	☐	1000.000	997.260	1178458.78	67.7446	P	2.3
9	☐			1574.56	0.0930	P	7.8

$$y = 0.0679 * x + 0.0037$$

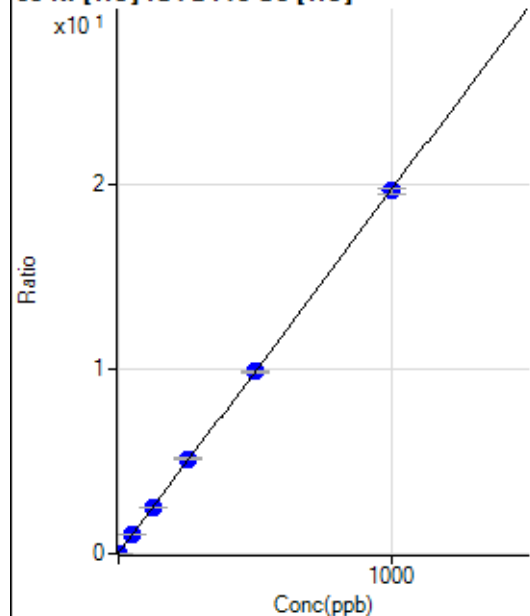
$$R = 1.0000$$

$$DL = 0.04327$$

$$BEC = 0.0546$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	386.68	0.0201	P	8.9
2	☐	0.100					
3	☐	1.000	0.961	745.59	0.0390	P	10.6
4	☐	50.000	51.325	19377.01	1.0297	P	5.5
5	☐	125.000	127.212	45869.87	2.5223	P	1.2
6	☐	250.000	260.126	89812.63	5.1367	P	0.9
7	☐	500.000	500.938	174304.17	9.8734	P	1.0
8	☐	1000.000	996.656	341391.25	19.6240	P	1.9
9	☐			5231.07	0.3091	P	5.8

$$y = 0.0197 * x + 0.0201$$

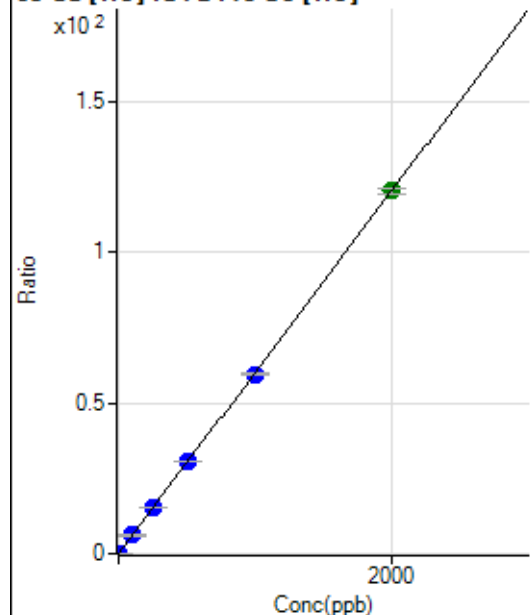
$$R = 0.9999$$

$$DL = 0.2722$$

$$BEC = 1.023$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	148.89	0.0078	P	14.5
2	☐	0.200					
3	☐	2.000	1.833	2254.67	0.1181	P	7.2
4	☐	100.000	100.757	114334.36	6.0731	P	2.7
5	☐	250.000	252.739	276811.61	15.2219	P	1.3
6	☐	500.000	511.654	538656.48	30.8078	P	0.9
7	☐	1000.000	991.524	1053816.31	59.6945	P	1.2
8	☐	2000.000	2000.944	2095551.70	120.4585	A	1.9
9	☐			3105.96	0.1835	P	3.8

$$y = 0.0602 * x + 0.0078$$

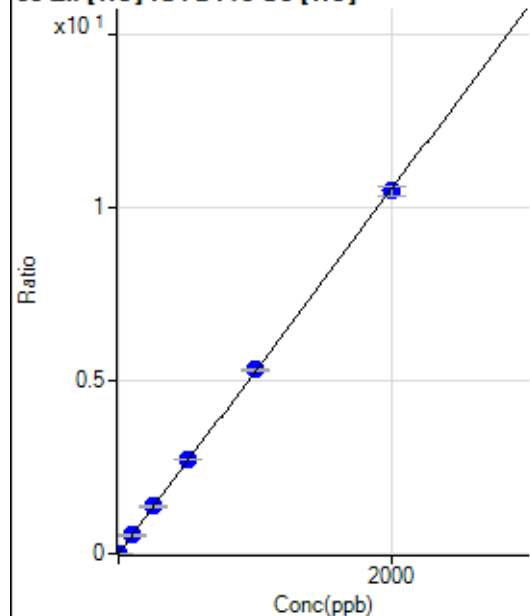
$$R = 1.0000$$

$$DL = 0.05629$$

$$BEC = 0.1291$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0010	P	35.0
2	☐	0.200					
3	☐	2.000	2.177	238.90	0.0125	P	9.0
4	☐	100.000	101.213	10062.69	0.5347	P	4.8
5	☐	250.000	259.786	24928.13	1.3708	P	2.0
6	☐	500.000	516.152	47599.26	2.7225	P	1.8
7	☐	1000.000	1009.128	93950.83	5.3218	P	1.0
8	☐	2000.000	1990.114	182537.07	10.4942	P	2.9
9	☐			611.14	0.0361	P	8.9

$$y = 0.0053 * x + 0.0010$$

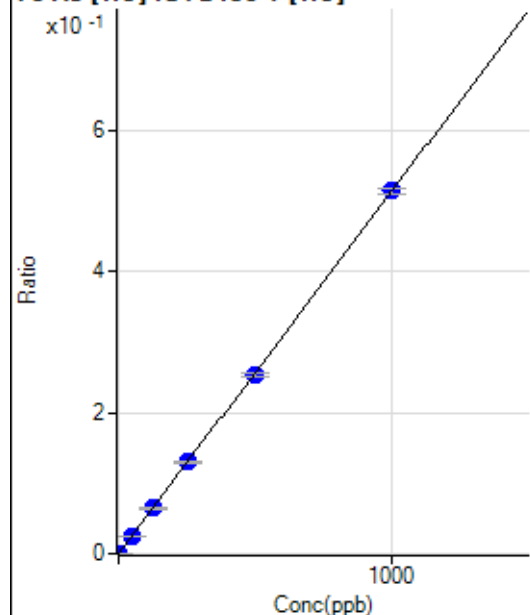
$$R = 0.9999$$

$$DL = 0.2082$$

$$BEC = 0.1982$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	1.6
2	☐	0.100					
3	☐	1.000	0.894	71.61	0.0005	P	15.2
4	☐	50.000	50.102	3743.75	0.0258	P	0.8
5	☐	125.000	125.057	9087.02	0.0643	P	1.3
6	☐	250.000	252.837	17819.58	0.1299	P	2.0
7	☐	500.000	494.838	35217.56	0.2542	P	1.6
8	☐	1000.000	1001.860	69501.16	0.5147	P	1.7
9	☐			23.46	0.0002	P	12.4

$$y = 5.1372\text{E-}004 * x + 2.5127\text{E-}005$$

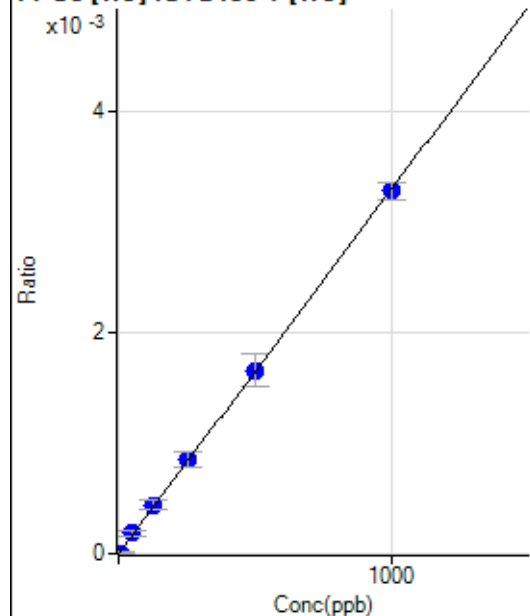
$$R = 1.0000$$

$$DL = 0.002376$$

$$BEC = 0.04891$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.273	1.11	0.0000	P	173.2
4	☐	50.000	55.812	26.67	0.0002	P	33.4
5	☐	125.000	133.604	62.22	0.0004	P	18.3
6	☐	250.000	258.913	116.67	0.0009	P	15.3
7	☐	500.000	502.171	228.90	0.0017	P	18.2
8	☐	1000.000	995.334	442.24	0.0033	P	4.7
9	☐			1.11	0.0000	P	173.2

$$y = 3.2916\text{E-}006 * x + 0.0000\text{E+}000$$

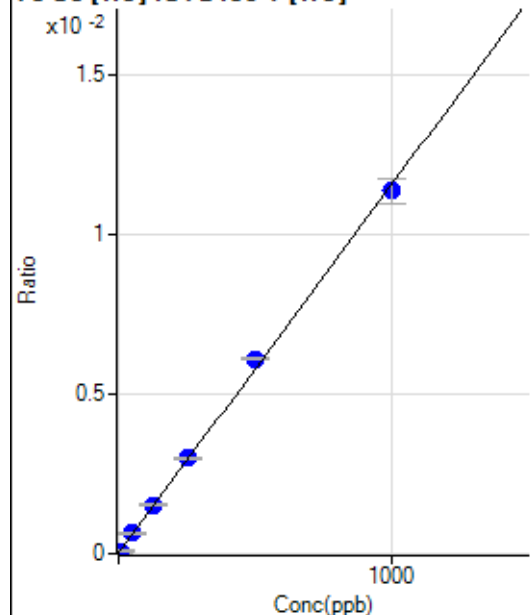
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	92.3
2	☐	0.500					
3	☐	5.000	4.668	11.11	0.0001	P	72.6
4	☐	50.000	53.425	92.60	0.0006	P	12.8
5	☐	125.000	130.349	215.44	0.0015	P	4.2
6	☐	250.000	257.603	410.51	0.0030	P	2.0
7	☐	500.000	527.709	845.72	0.0061	P	0.8
8	☐	1000.000	983.406	1532.82	0.0114	P	7.0
9	☐			3.70	0.0000	P	100.1

$$y = 1.1529\text{E-}005 * x + 2.1145\text{E-}005$$

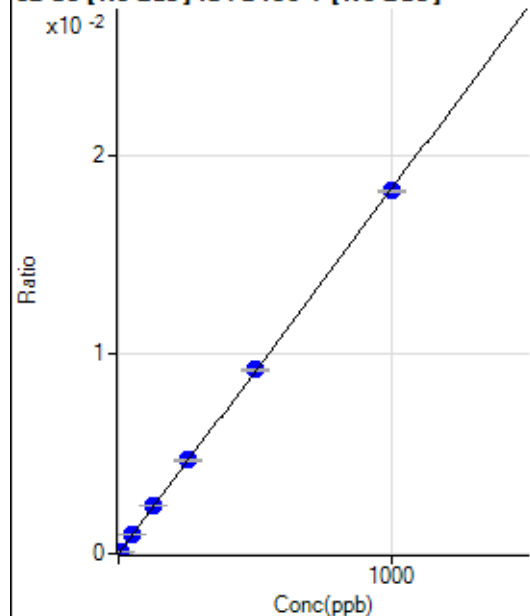
$$R = 0.9994$$

$$DL = 5.077$$

$$BEC = 1.834$$

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	-7.95	0.0000	P	-498.
2	☐	0.500					
3	☐	5.000	5.128	486.73	0.0001	P	7.3
4	☐	50.000	52.297	4920.47	0.0010	P	1.5
5	☐	125.000	129.707	12167.03	0.0024	P	0.6
6	☐	250.000	256.594	24089.16	0.0047	P	0.7
7	☐	500.000	505.360	47854.94	0.0093	P	0.7
8	☐	1000.000	994.968	93720.84	0.0182	P	0.3
9	☐			74.11	0.0000	P	57.7

$$y = 1.8307\text{E-}005 * x - 1.5265\text{E-}006$$

$$R = 1.0000$$

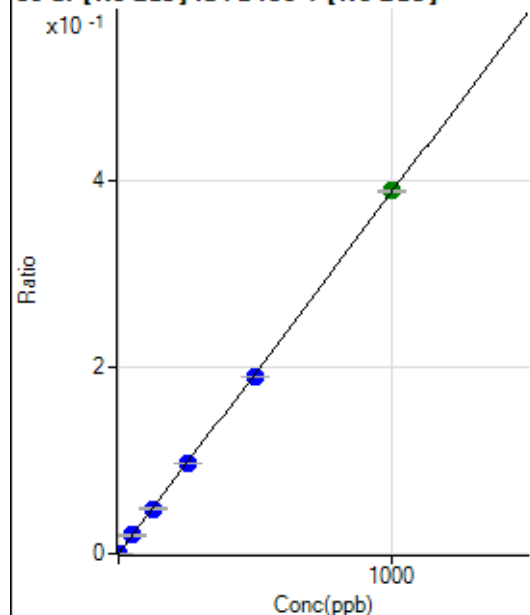
$$DL = 1.246$$

$$BEC = -0.08338$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0001	P	10.4
2	☐	0.100					
3	☐	1.000	0.888	2266.96	0.0004	P	2.9
4	☐	50.000	50.464	100975.17	0.0196	P	1.7
5	☐	125.000	124.190	246838.41	0.0481	P	2.1
6	☐	250.000	248.841	494441.13	0.0964	P	0.8
7	☐	500.000	491.040	983547.39	0.1901	P	0.2
8	☐	1000.000	1004.848	2001468.12	0.3890	A	0.4
9	☐			64963.58	0.0131	P	0.8

$$y = 3.8700\text{E-}004 * x + 8.6407\text{E-}005$$

$$R = 0.9999$$

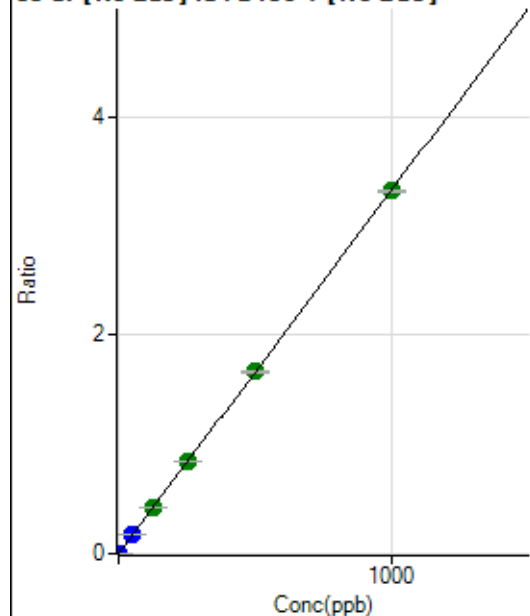
$$DL = 0.06946$$

$$BEC = 0.2233$$

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	169.45	0.0000	P	7.9
2	☐	0.100					
3	☐	1.000	0.953	16891.70	0.0032	P	2.8
4	☐	50.000	51.584	884363.73	0.1718	P	0.4
5	☐	125.000	129.170	2205559.53	0.4302	A	0.6
6	☐	250.000	254.214	4342631.26	0.8466	A	0.5
7	☐	500.000	500.323	8619231.88	1.6661	A	0.4
8	☐	1000.000	998.184	17103792.40	3.3239	A	0.6
9	☐			562797.21	0.1133	P	1.0

$$y = 0.0033 * x + 3.1972\text{E-}005$$

$$R = 1.0000$$

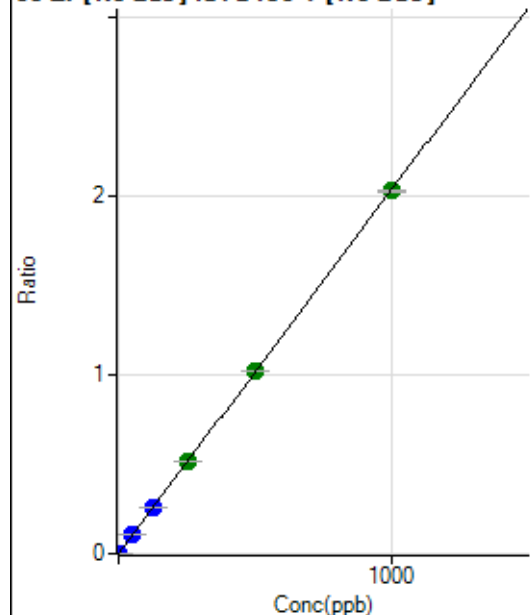
$$DL = 0.002284$$

$$BEC = 0.009601$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	0.924	10229.33	0.0019	P	3.0
4	☐	50.000	51.529	540585.21	0.1050	P	0.3
5	☐	125.000	127.033	1326956.02	0.2588	P	0.3
6	☐	250.000	254.834	2663073.89	0.5191	A	0.8
7	☐	500.000	502.731	5297900.64	1.0241	A	0.5
8	☐	1000.000	997.096	10451108.74	2.0310	A	0.8
9	☐			2989.36	0.0006	P	6.9

$$y = 0.0020 * x + 5.8630E-005$$

$$R = 1.0000$$

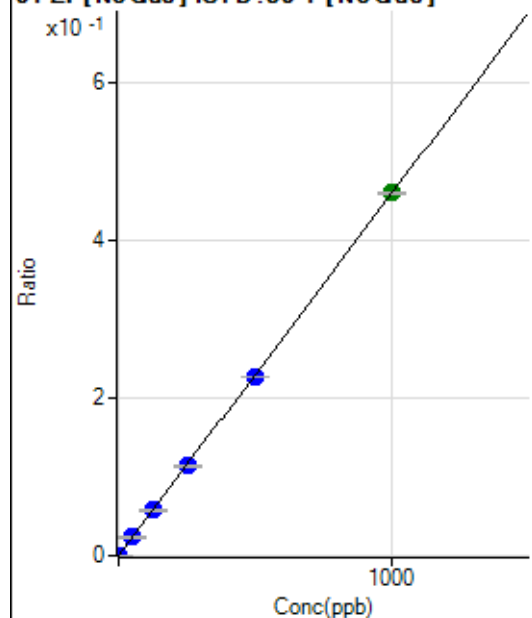
$$DL = 0.01788$$

$$BEC = 0.02878$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	39.1
2	☐	0.100					
3	☐	1.000	0.899	2269.74	0.0004	P	3.1
4	☐	50.000	50.639	119919.64	0.0233	P	1.2
5	☐	125.000	124.869	294403.46	0.0574	P	0.3
6	☐	250.000	247.987	584878.68	0.1140	P	1.4
7	☐	500.000	495.792	1179204.83	0.2279	P	0.2
8	☐	1000.000	1002.592	2371721.12	0.4609	A	0.6
9	☐			655.60	0.0001	P	13.2

$$y = 4.5971E-004 * x + 1.7261E-005$$

$$R = 1.0000$$

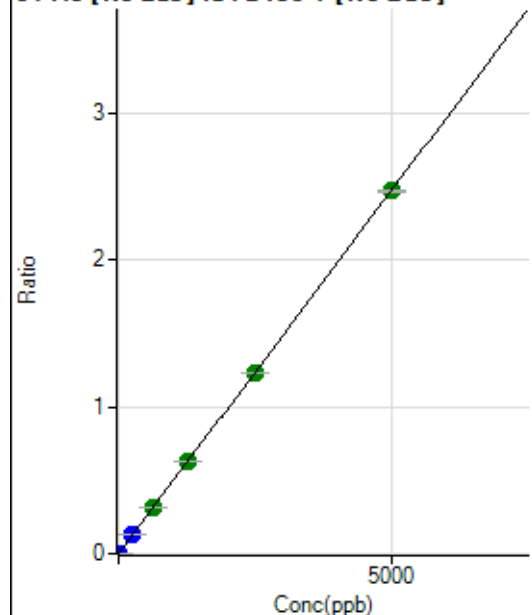
$$DL = 0.04405$$

$$BEC = 0.03755$$

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	197.24	0.0000	P	17.2
2	☐	0.500					
3	☐	5.000	4.718	12478.46	0.0024	P	3.1
4	☐	250.000	255.303	649395.89	0.1262	P	0.4
5	☐	625.000	641.067	1623946.16	0.3167	A	0.8
6	☐	1250.000	1269.329	3216708.75	0.6271	A	1.5
7	☐	2500.000	2497.879	6383854.40	1.2340	A	0.2
8	☐	5000.000	4993.955	12694612.52	2.4670	A	0.7
9	☐			9097.91	0.0018	P	2.8

$$y = 4.9400\text{E-}004 * x + 3.7208\text{E-}005$$

$$R = 1.0000$$

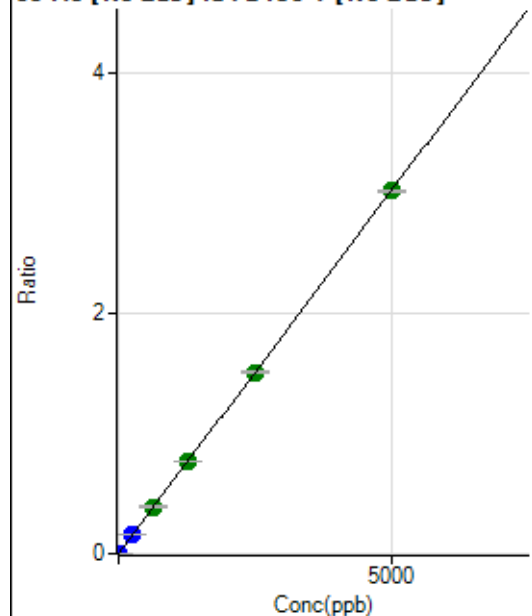
$$DL = 0.03887$$

$$BEC = 0.07532$$

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	133.34	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	4.603	14817.12	0.0028	P	3.3
4	☐	250.000	255.503	796144.02	0.1547	P	0.3
5	☐	625.000	647.049	2007923.68	0.3916	A	1.1
6	☐	1250.000	1265.454	3928999.05	0.7659	A	0.9
7	☐	2500.000	2497.097	7818771.44	1.5114	A	0.9
8	☐	5000.000	4994.557	15554853.30	3.0229	A	0.2
9	☐			14319.28	0.0029	P	1.1

$$y = 6.0524\text{E-}004 * x + 2.5192\text{E-}005$$

$$R = 1.0000$$

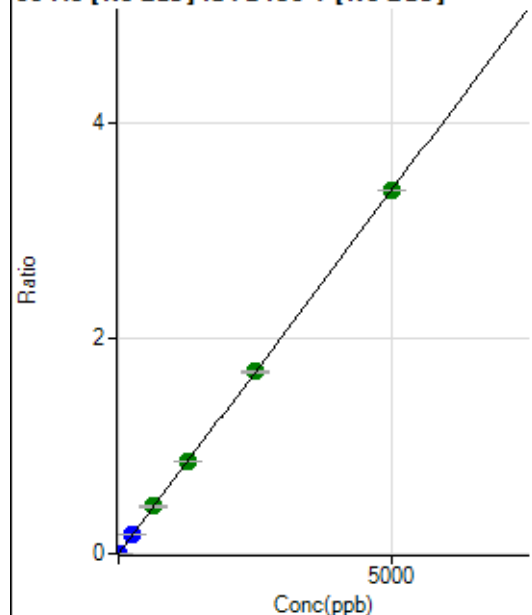
$$DL = 0.02921$$

$$BEC = 0.04162$$

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	225.01	0.0000	P	10.7
2	☐	0.500					
3	☐	5.000	4.635	16738.77	0.0032	P	3.0
4	☐	250.000	254.528	886075.33	0.1721	P	0.7
5	☐	625.000	649.515	2251780.22	0.4392	A	0.6
6	☐	1250.000	1266.631	4393325.53	0.8564	A	0.9
7	☐	2500.000	2501.780	8751085.96	1.6916	A	0.5
8	☐	5000.000	4991.662	17366792.05	3.3750	A	0.1
9	☐			16658.11	0.0034	P	2.0

$$y = 6.7613\text{E-}004 * x + 4.2475\text{E-}005$$

$$R = 1.0000$$

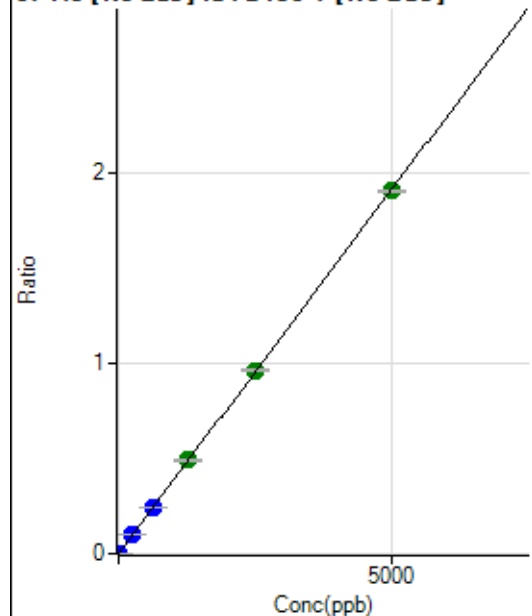
$$DL = 0.02026$$

$$BEC = 0.06282$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	12.8
2	☐	0.500					
3	☐	5.000	4.561	9309.15	0.0018	P	3.0
4	☐	250.000	252.355	497591.13	0.0967	P	0.4
5	☐	625.000	623.996	1225369.68	0.2390	P	0.4
6	☐	1250.000	1285.566	2525660.93	0.4924	A	1.1
7	☐	2500.000	2512.699	4978432.23	0.9623	A	0.9
8	☐	5000.000	4984.767	9823386.50	1.9091	A	0.6
9	☐			8225.13	0.0017	P	2.3

$$y = 3.8298\text{E-}004 * x + 1.9394\text{E-}005$$

$$R = 1.0000$$

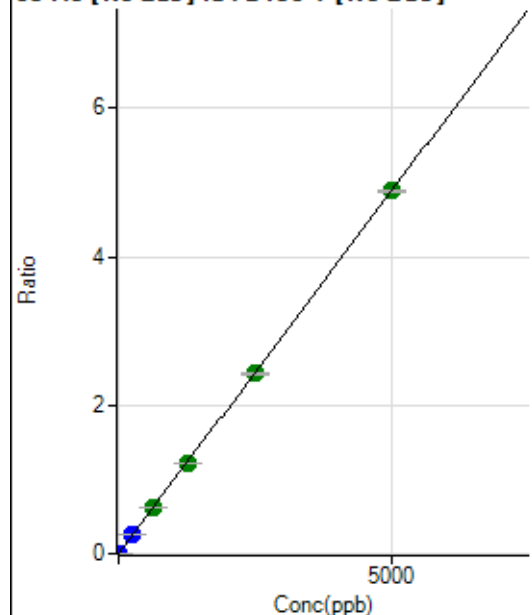
$$DL = 0.01946$$

$$BEC = 0.05064$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	9.6
2	☐	0.500					
3	☐	5.000	4.621	24011.08	0.0046	P	1.2
4	☐	250.000	257.040	1292602.75	0.2511	P	0.5
5	☐	625.000	640.892	3209875.07	0.6260	A	0.4
6	☐	1250.000	1254.252	6284786.95	1.2252	A	0.4
7	☐	2500.000	2491.242	12588804.80	2.4334	A	1.0
8	☐	5000.000	5000.978	25135575.74	4.8848	A	0.5
9	☐			21606.88	0.0043	P	2.4

$$y = 9.7677\text{E-}004 * x + 4.1948\text{E-}005$$

$$R = 1.0000$$

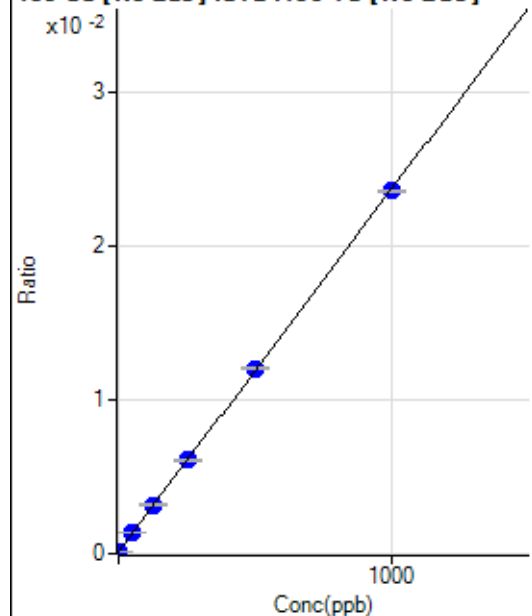
$$DL = 0.01237$$

$$BEC = 0.04295$$

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	961.19	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	0.724	1069.54	0.0002	P	2.2
4	☐	50.000	53.078	9400.94	0.0014	P	5.6
5	☐	125.000	128.823	21682.11	0.0032	P	2.5
6	☐	250.000	252.367	42172.52	0.0061	P	1.5
7	☐	500.000	506.387	84551.52	0.0120	P	0.9
8	☐	1000.000	995.583	165706.81	0.0236	P	0.9
9	☐			966.75	0.0001	P	14.1

$$y = 2.3519\text{E-}005 * x + 1.3554\text{E-}004$$

$$R = 1.0000$$

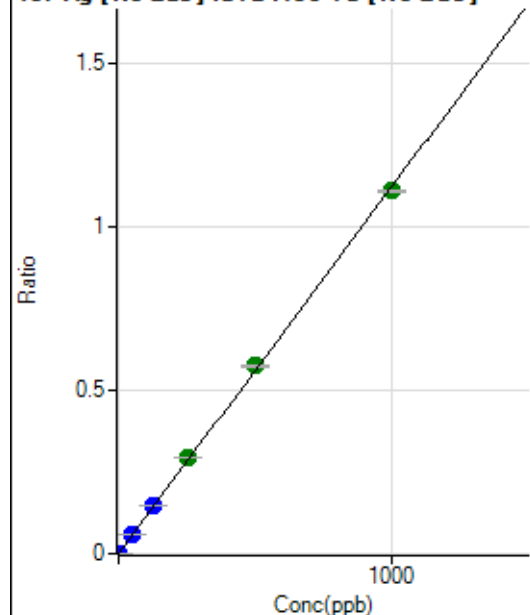
$$DL = 2.228$$

$$BEC = 5.763$$

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	66.67	0.0000	P	32.9
2	☐	0.100					
3	☐	1.000	0.952	7533.00	0.0011	P	2.9
4	☐	50.000	54.390	413597.67	0.0609	P	1.0
5	☐	125.000	131.689	1009862.84	0.1474	P	1.1
6	☐	250.000	262.346	2040192.19	0.2937	A	0.9
7	☐	500.000	512.173	4024844.66	0.5734	A	1.3
8	☐	1000.000	989.772	7796465.54	1.1081	A	0.6
9	☐			580.60	0.0001	P	9.1

$$y = 0.0011 * x + 9.3954E-006$$

$$R = 0.9998$$

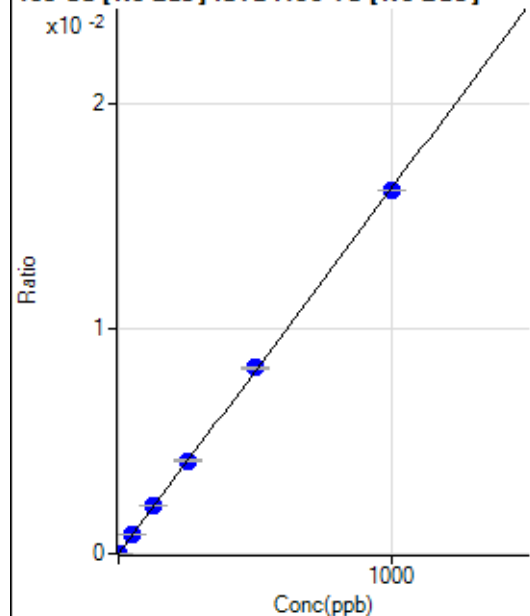
$$DL = 0.008289$$

$$BEC = 0.008392$$

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	12.50	0.0000	P	88.1
2	☐	0.100					
3	☐	1.000	0.918	116.67	0.0000	P	7.7
4	☐	50.000	52.519	5797.21	0.0009	P	3.6
5	☐	125.000	129.697	14423.27	0.0021	P	0.9
6	☐	250.000	253.755	28605.66	0.0041	P	1.3
7	☐	500.000	510.231	58112.22	0.0083	P	0.9
8	☐	1000.000	993.233	113381.19	0.0161	P	0.1
9	☐			23.61	0.0000	P	26.6

$$y = 1.6222E-005 * x + 1.7622E-006$$

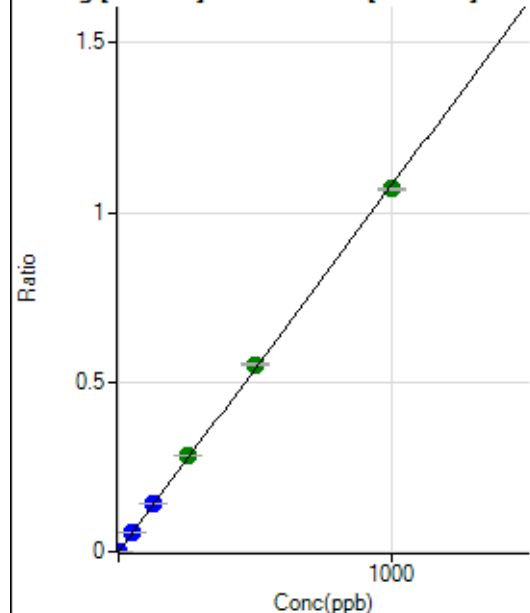
$$R = 0.9999$$

$$DL = 0.287$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.951	7249.50	0.0010	P	0.9
4	☐	50.000	53.841	394926.25	0.0582	P	0.6
5	☐	125.000	130.298	963832.16	0.1407	P	1.1
6	☐	250.000	262.947	1972503.06	0.2840	A	0.9
7	☐	500.000	510.957	3873298.39	0.5518	A	1.2
8	☐	1000.000	990.431	7525728.64	1.0696	A	0.2
9	☐			491.70	0.0001	P	12.6

$$y = 0.0011 * x + 7.4455E-006$$

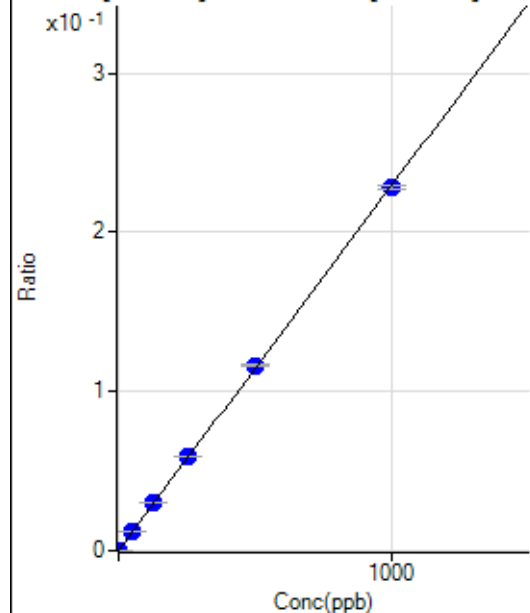
$$R = 0.9998$$

$$DL = 0.006836$$

$$BEC = 0.006895$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	722.42	0.0001	P	14.8
2	☐	0.100					
3	☐	1.000	0.938	2221.30	0.0003	P	4.8
4	☐	50.000	53.948	84671.45	0.0125	P	1.1
5	☐	125.000	130.696	205880.54	0.0301	P	0.7
6	☐	250.000	256.800	409559.71	0.0590	P	0.5
7	☐	500.000	506.905	816252.57	0.1163	P	0.7
8	☐	1000.000	993.938	1603575.33	0.2279	P	0.9
9	☐			871.31	0.0001	P	7.2

$$y = 2.2920E-004 * x + 1.0187E-004$$

$$R = 0.9999$$

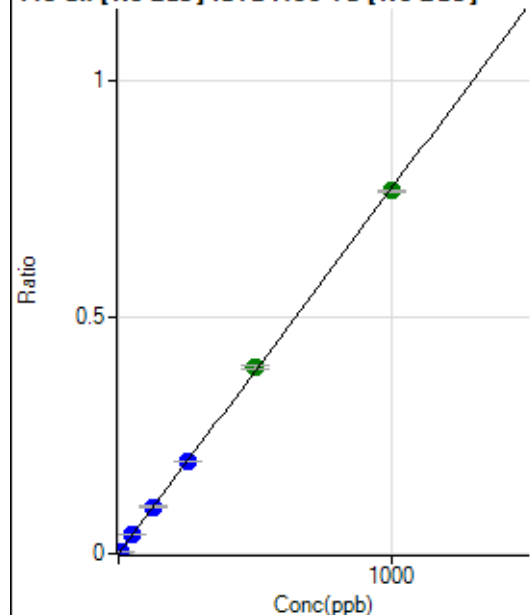
$$DL = 0.1976$$

$$BEC = 0.4445$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	966.75	0.0001	P	8.9
2	☐	0.500					
3	☐	5.000	4.592	25831.39	0.0037	P	2.2
4	☐	50.000	53.033	279244.20	0.0411	P	0.6
5	☐	125.000	128.244	679713.38	0.0992	P	1.0
6	☐	250.000	254.090	1364831.65	0.1965	P	0.2
7	☐	500.000	510.590	2770442.38	0.3947	A	1.3
8	☐	1000.000	993.127	5400743.52	0.7676	A	0.8
9	☐			7605.31	0.0011	P	4.2

$$y = 7.7273\text{E-}004 * x + 1.3628\text{E-}004$$

$$R = 0.9999$$

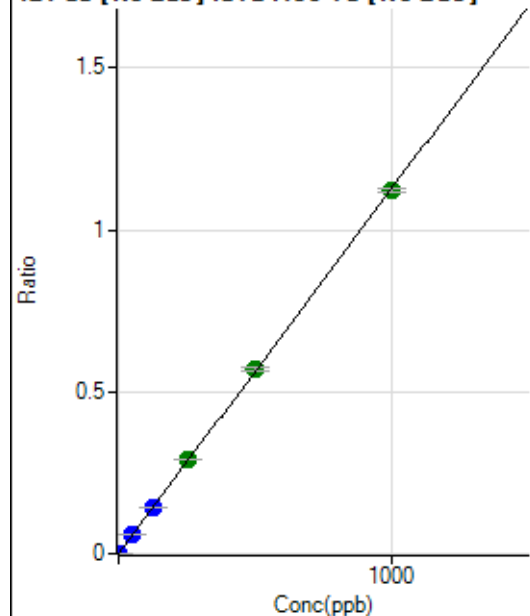
$$DL = 0.04694$$

$$BEC = 0.1764$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	23.9
2	☐	0.200					
3	☐	2.000	1.896	15059.20	0.0021	P	3.2
4	☐	50.000	52.554	402170.50	0.0592	P	0.7
5	☐	125.000	128.464	991375.30	0.1447	P	0.8
6	☐	250.000	256.915	2010557.27	0.2894	A	0.6
7	☐	500.000	506.344	4004052.60	0.5704	A	1.5
8	☐	1000.000	994.539	7883215.45	1.1204	A	1.0
9	☐			10165.41	0.0015	P	1.2

$$y = 0.0011 * x + 1.2132\text{E-}005$$

$$R = 0.9999$$

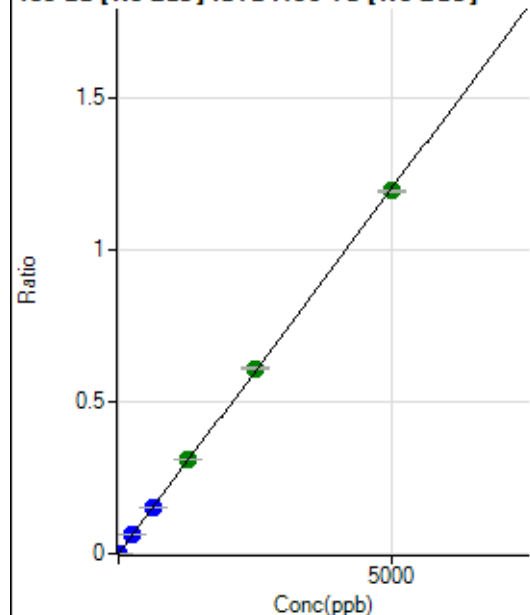
$$DL = 0.007722$$

$$BEC = 0.01077$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	45.9
2	☐	1.000					
3	☐	10.000	9.276	15696.09	0.0022	P	3.6
4	☐	250.000	263.154	429093.66	0.0632	P	0.7
5	☐	625.000	642.560	1056606.25	0.1543	P	0.9
6	☐	1250.000	1281.724	2137298.96	0.3077	A	0.6
7	☐	2500.000	2534.481	4270702.61	0.6084	A	1.0
8	☐	5000.000	4971.977	8397708.17	1.1935	A	0.7
9	☐			2400.34	0.0004	P	5.2

$$y = 2.4005E-004 * x + 1.2514E-005$$

$$R = 0.9999$$

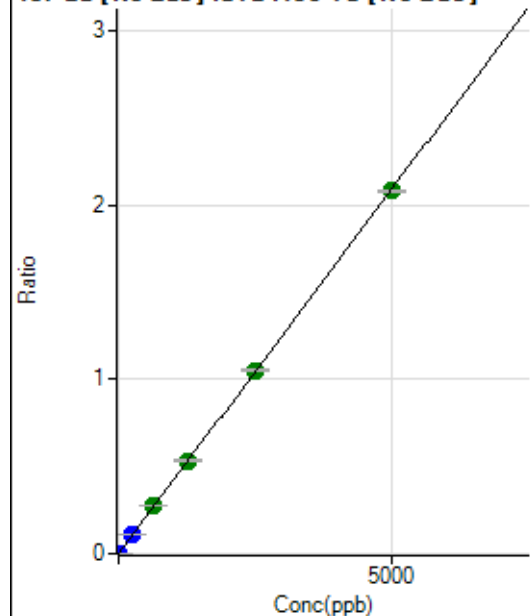
$$DL = 0.07186$$

$$BEC = 0.05213$$

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	219.46	0.0000	P	21.8
2	☐	1.000					
3	☐	10.000	9.378	27691.23	0.0040	P	1.0
4	☐	250.000	262.525	745370.83	0.1098	P	0.4
5	☐	625.000	650.288	1861809.52	0.2718	A	0.8
6	☐	1250.000	1278.088	3710745.22	0.5342	A	0.6
7	☐	2500.000	2516.876	7384131.15	1.0519	A	0.6
8	☐	5000.000	4980.754	14647218.21	2.0817	A	0.2
9	☐			4103.63	0.0006	P	3.5

$$y = 4.1794E-004 * x + 3.0949E-005$$

$$R = 1.0000$$

$$DL = 0.04849$$

$$BEC = 0.07405$$

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	☐			4.45		P	86.6
4	☐			17.78		P	108.2
5	☐			28.89		P	48.0
6	☐			73.34		P	18.2
7	☐			151.12		P	20.4
8	☐			362.24		P	12.5
9	☐			80.00		P	30.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			0.00		P	
7	☐			0.00		P	
8	☐			5.56		P	91.6
9	☐			10.00		P	0.0

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	100.0
5	☐			11.11		P	86.6
6	☐			30.56		P	83.3
7	☐			38.89		P	32.7
8	☐			91.67		P	24.1
9	☐			97.23		P	17.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			3.33		P	100.1
7	☐			2.22		P	86.6
8	☐			8.89		P	108.3
9	☐			5.56		P	34.7

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

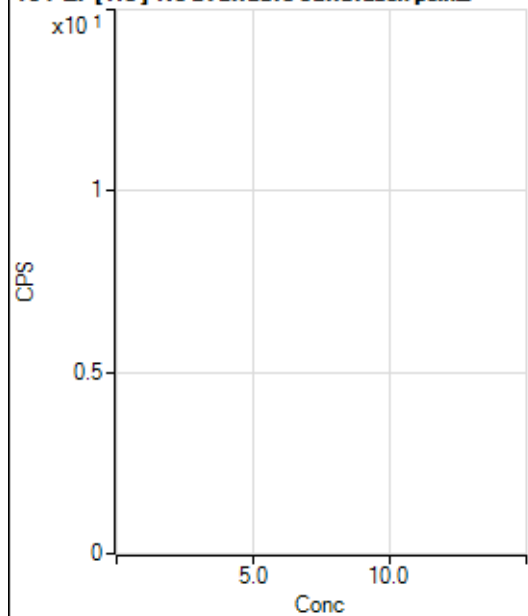
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐						
3	☐			27.78		P	96.4
4	☐			19.44		P	65.5
5	☐			52.78		P	18.2
6	☐			58.34		P	49.5
7	☐			47.23		P	71.3
8	☐			63.89		P	37.7
9	☐			66.67		P	12.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			2.22		P	173.2
4	☐			3.33		P	0.0
5	☐			3.33		P	100.1
6	☐			3.33		P	100.1
7	☐			4.45		P	86.6
8	☐			8.89		P	142.0
9	☐			11.11		P	17.3

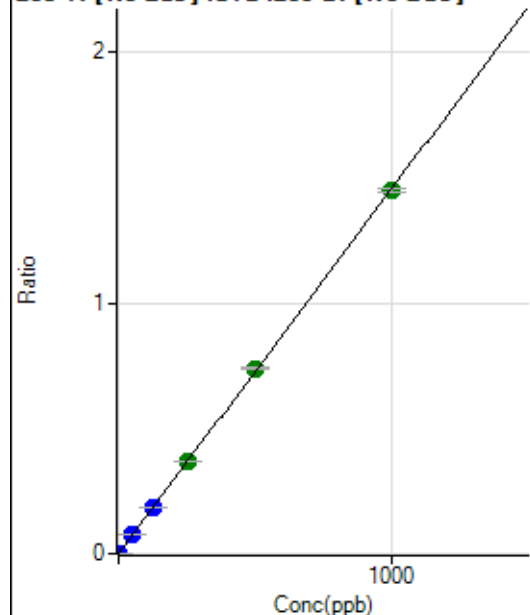
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			19.44		P	49.5
4	☐			36.11		P	35.3
5	☐			25.00		P	88.2
6	☐			47.22		P	88.8
7	☐			22.22		P	21.6
8	☐			44.44		P	60.3
9	☐			27.78		P	17.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			5.56		P	34.7
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			5.55		P	69.3
8	☐			3.33		P	100.1
9	☐			2.22		P	86.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	361.14	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.924	6810.47	0.0014	P	2.0
4	☐	50.000	50.837	345186.50	0.0740	P	1.1
5	☐	125.000	125.306	859550.43	0.1822	P	0.6
6	☐	250.000	254.719	1761969.98	0.3704	A	0.4
7	☐	500.000	507.498	3520385.58	0.7379	A	0.8
8	☐	1000.000	994.991	6864620.82	1.4466	A	0.9
9	☐			3534.01	0.0008	P	7.5

$$y = 0.0015 * x + 7.5711E-005$$

$$R = 0.9999$$

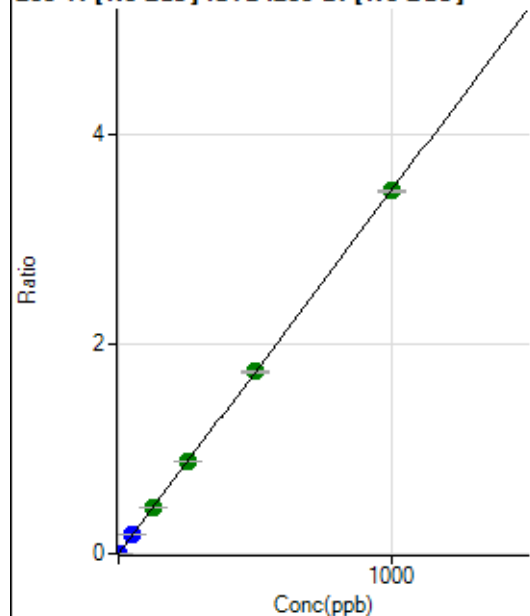
$$DL = 0.02121$$

$$BEC = 0.05208$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.18	0.0002	P	13.5
2	☐	0.100					
3	☐	1.000	0.910	15991.34	0.0033	P	1.4
4	☐	50.000	51.252	830542.50	0.1780	P	0.7
5	☐	125.000	127.298	2083857.88	0.4418	A	1.3
6	☐	250.000	253.410	4183424.75	0.8794	A	0.1
7	☐	500.000	500.686	8288885.60	1.7374	A	0.5
8	☐	1000.000	998.455	16439962.18	3.4644	A	0.5
9	☐			8016.81	0.0018	P	9.3

$$y = 0.0035 * x + 1.7503E-004$$

$$R = 1.0000$$

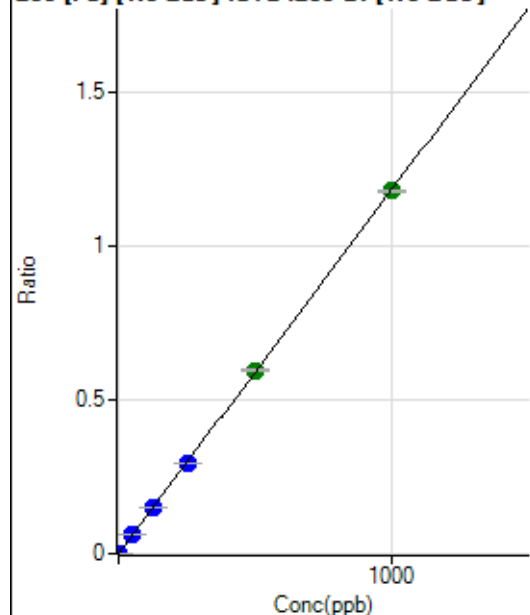
$$DL = 0.02044$$

$$BEC = 0.05045$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418.54	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.939	5751.50	0.0012	P	2.6
4	☐	50.000	50.943	281587.74	0.0603	P	0.2
5	☐	125.000	124.795	696642.51	0.1477	P	0.5
6	☐	250.000	249.678	1405364.35	0.2954	P	1.0
7	☐	500.000	504.827	2849457.91	0.5972	A	1.0
8	☐	1000.000	997.646	5600449.95	1.1802	A	0.5
9	☐			10052.44	0.0023	P	2.7

$$y = 0.0012 * x + 8.7704E-005$$

$$R = 1.0000$$

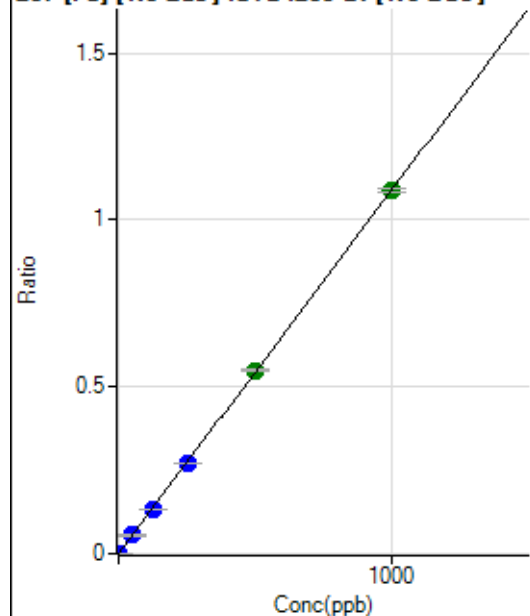
$$DL = 0.01232$$

$$BEC = 0.07414$$

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	374.09	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.922	5191.96	0.0011	P	4.6
4	☐	50.000	50.304	255888.41	0.0548	P	1.0
5	☐	125.000	123.645	635261.21	0.1347	P	0.8
6	☐	250.000	247.117	1280177.82	0.2691	P	0.7
7	☐	500.000	504.472	2620690.77	0.5493	A	0.5
8	☐	1000.000	998.639	5159658.56	1.0873	A	1.1
9	☐			8556.82	0.0019	P	1.7

$$y = 0.0011 * x + 7.8400E-005$$

$$R = 1.0000$$

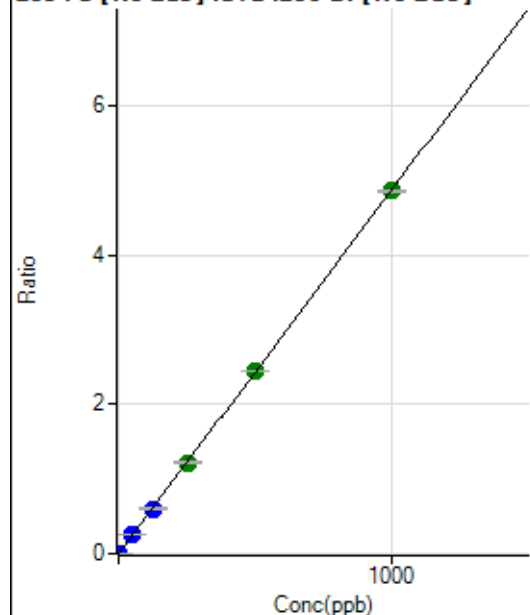
$$DL = 0.01827$$

$$BEC = 0.07201$$

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	1600.09	0.0003	P	4.0
2	☐	0.100					
3	☐	1.000	0.918	23069.95	0.0048	P	1.0
4	☐	50.000	50.544	1150728.39	0.2466	P	0.6
5	☐	125.000	124.188	2855668.24	0.6055	P	0.7
6	☐	250.000	250.620	5811007.23	1.2216	A	0.6
7	☐	500.000	503.189	11699956.45	2.4523	A	0.6
8	☐	1000.000	998.325	23086187.03	4.8650	A	0.3
9	☐			39586.37	0.0089	P	2.4

$$y = 0.0049 * x + 3.3524E-004$$

$$R = 1.0000$$

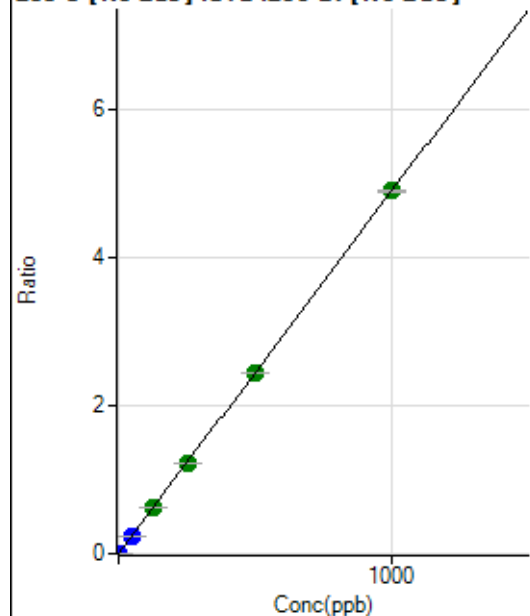
$$DL = 0.008244$$

$$BEC = 0.0688$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	808.40	0.0002	P	14.6
2	☐	0.100					
3	☐	1.000	0.874	21385.97	0.0045	P	1.0
4	☐	50.000	50.133	1148185.89	0.2461	P	0.3
5	☐	125.000	126.539	2928347.81	0.6209	A	1.3
6	☐	250.000	250.913	5855577.43	1.2309	A	0.8
7	☐	500.000	497.165	11635561.11	2.4388	A	0.4
8	☐	1000.000	1000.991	23300662.85	4.9101	A	0.5
9	☐			1689.08	0.0004	P	2.2

$$y = 0.0049 * x + 1.6923E-004$$

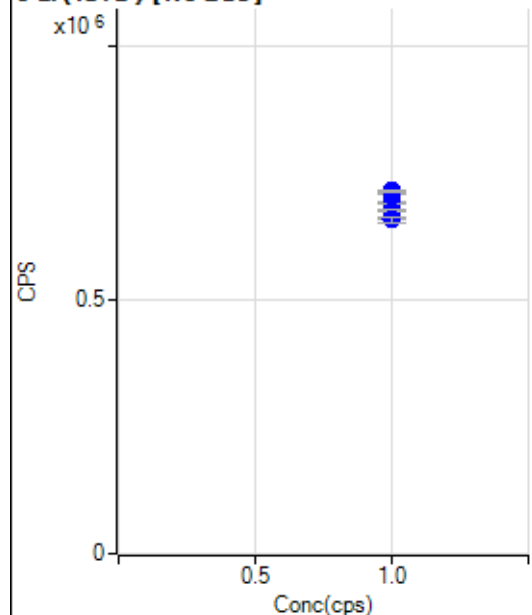
$$R = 1.0000$$

$$DL = 0.01509$$

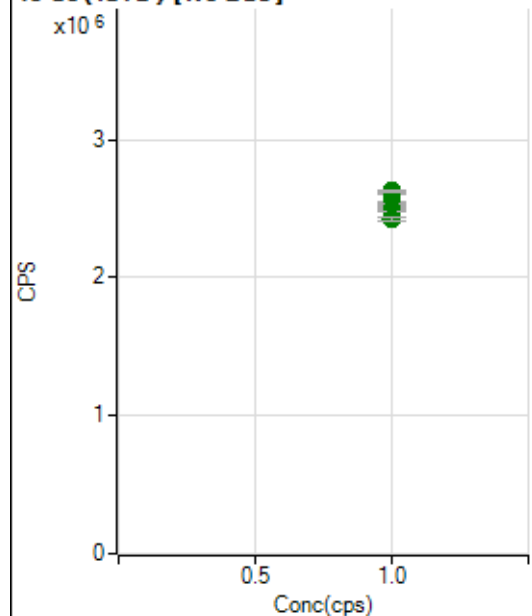
$$BEC = 0.0345$$

Weight: <None>

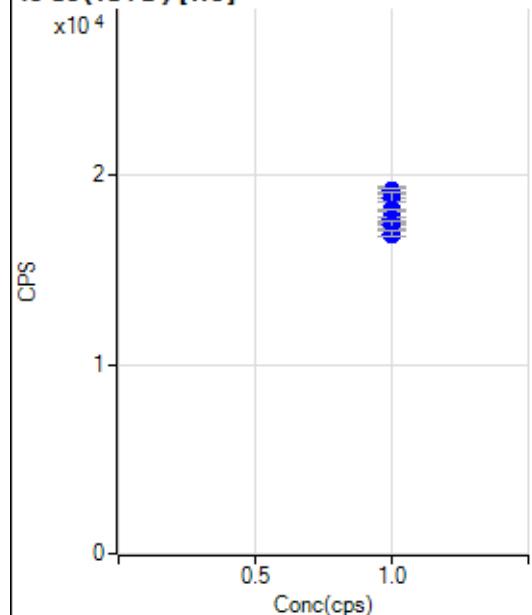
Min Conc: 0

6 Li (ISTD) [No Gas]

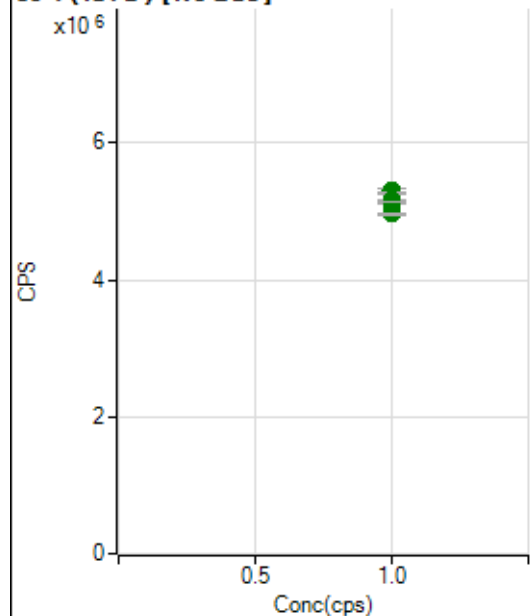
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		712186.85		P	0.4
2	☐	1.000					
3	☐	1.000		715326.12		P	0.5
4	☐	1.000		694821.54		P	0.1
5	☐	1.000		692768.96		P	0.3
6	☐	1.000		689949.72		P	0.2
7	☐	1.000		676201.81		P	0.3
8	☐	1.000		660909.51		P	0.1
9	☐	1.000		657992.96		P	1.4

45 Sc (ISTD) [No Gas]

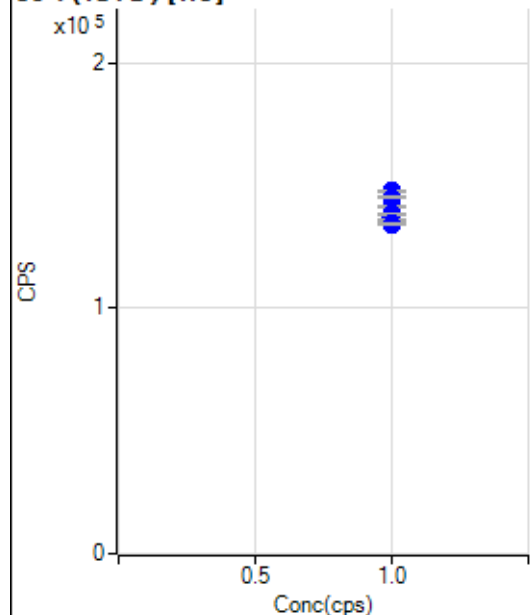
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2616162.23		A	0.5
2	☐	1.000					
3	☐	1.000		2628288.26		A	0.5
4	☐	1.000		2545954.85		A	0.1
5	☐	1.000		2546022.71		A	0.5
6	☐	1.000		2522614.44		A	0.5
7	☐	1.000		2499293.85		A	0.3
8	☐	1.000		2479049.81		A	0.3
9	☐	1.000		2426037.60		A	1.1

45 Sc (ISTD) [He]

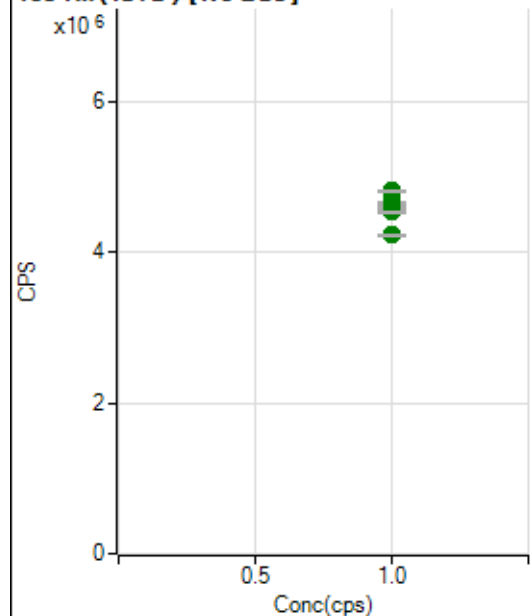
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19197.80		P	2.2
2	☐	1.000					
3	☐	1.000		19095.45		P	2.3
4	☐	1.000		18835.04		P	2.6
5	☐	1.000		18186.44		P	0.8
6	☐	1.000		17485.56		P	1.1
7	☐	1.000		17655.75		P	1.6
8	☐	1.000		17401.00		P	2.0
9	☐	1.000		16934.86		P	1.9

89 Y (ISTD) [No Gas]

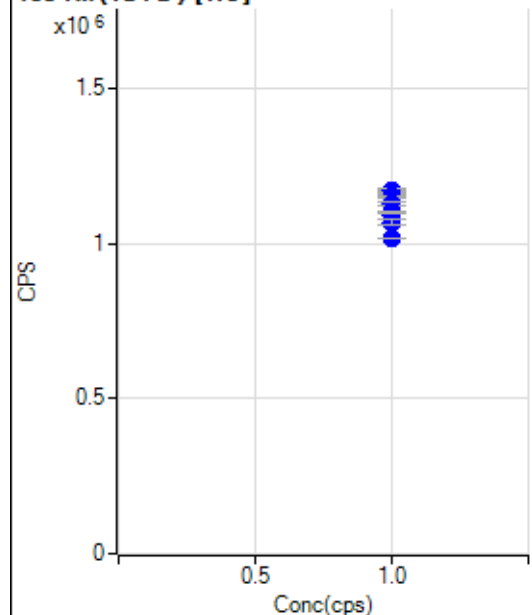
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5301284.85		A	1.0
2	☐	1.000					
3	☐	1.000		5270134.99		A	0.4
4	☐	1.000		5147550.24		A	0.1
5	☐	1.000		5127154.26		A	0.7
6	☐	1.000		5129814.16		A	0.4
7	☐	1.000		5173355.58		A	0.1
8	☐	1.000		5145654.06		A	0.2
9	☐	1.000		4968038.19		A	0.7

89 Y(ISTD) [He]

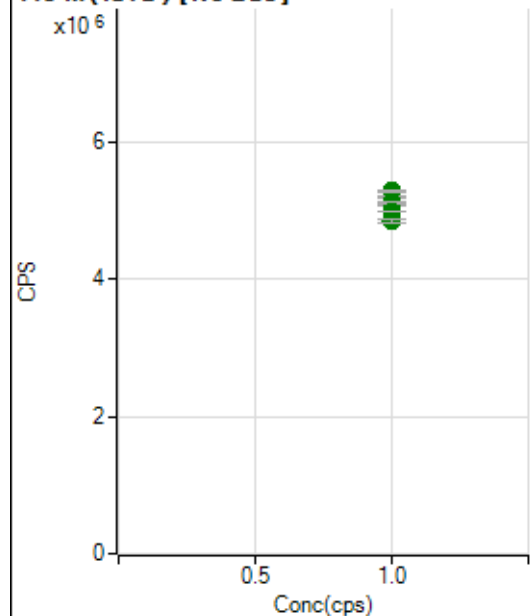
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		147274.85		P	1.6
2	☐	1.000					
3	☐	1.000		147915.03		P	0.4
4	☐	1.000		145318.24		P	0.6
5	☐	1.000		141396.20		P	0.7
6	☐	1.000		137210.21		P	2.7
7	☐	1.000		138527.06		P	0.4
8	☐	1.000		135060.83		P	1.9
9	☐	1.000		134204.44		P	0.4

103 Rh(ISTD) [No Gas]

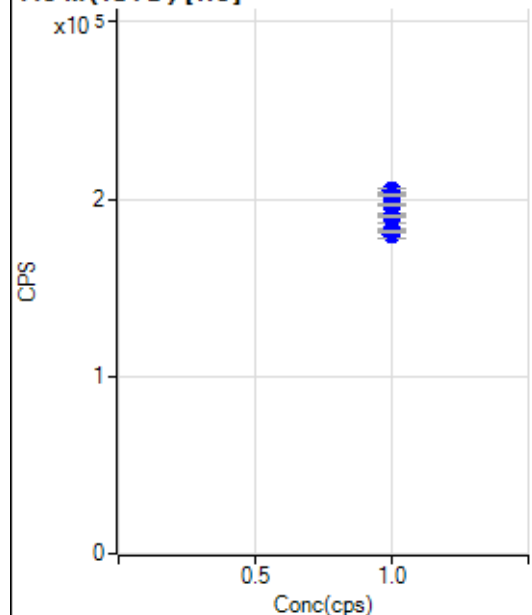
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4810971.33		A	0.7
2	☐	1.000					
3	☐	1.000		4805734.83		A	0.5
4	☐	1.000		4653381.09		A	0.7
5	☐	1.000		4665319.94		A	0.4
6	☐	1.000		4603011.22		A	0.3
7	☐	1.000		4580587.38		A	0.8
8	☐	1.000		4534142.38		A	0.5
9	☐	1.000		4222976.14		A	0.7

103 Rh (ISTD) [He]

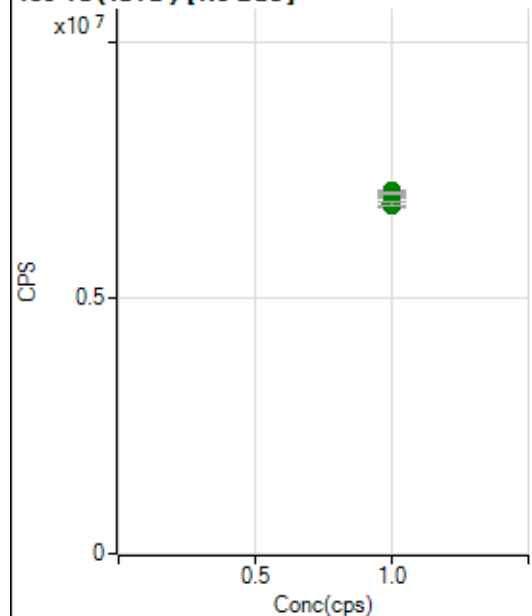
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1165914.39		P	1.4
2	☐	1.000					
3	☐	1.000		1170650.96		P	0.9
4	☐	1.000		1152589.99		P	0.7
5	☐	1.000		1129821.04		P	0.8
6	☐	1.000		1092254.59		P	2.5
7	☐	1.000		1101537.54		P	0.4
8	☐	1.000		1068803.88		P	2.0
9	☐	1.000		1016865.38		P	0.4

115 In (ISTD) [No Gas]

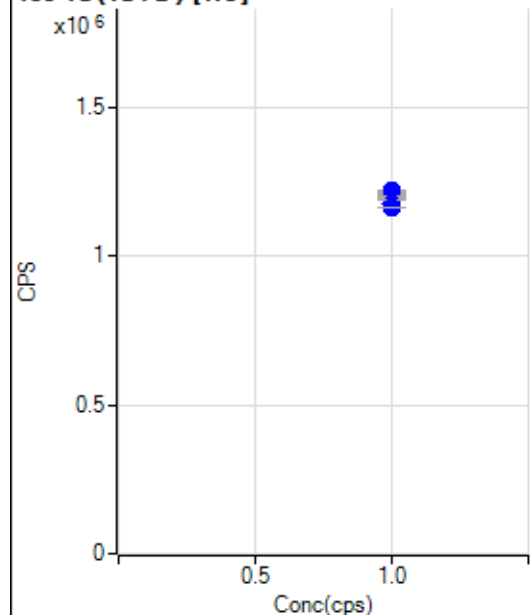
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5209888.37		A	0.8
2	☐	1.000					
3	☐	1.000		5294427.76		A	0.4
4	☐	1.000		5100525.69		A	0.5
5	☐	1.000		5145521.20		A	0.1
6	☐	1.000		5102393.29		A	0.3
7	☐	1.000		5132701.23		A	0.4
8	☐	1.000		4986166.62		A	0.2
9	☐	1.000		4855974.33		A	1.4

115 In (ISTD) [He]

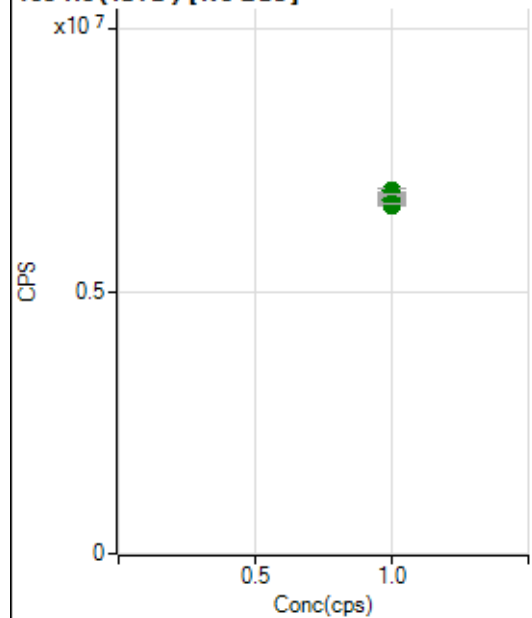
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		203353.97		P	1.0
2	☐	1.000					
3	☐	1.000		204583.76		P	1.0
4	☐	1.000		202141.10		P	0.6
5	☐	1.000		196720.90		P	0.3
6	☐	1.000		189436.36		P	2.5
7	☐	1.000		190297.38		P	0.5
8	☐	1.000		180403.46		P	2.6
9	☐	1.000		181776.49		P	0.7

159 Tb (ISTD) [No Gas]

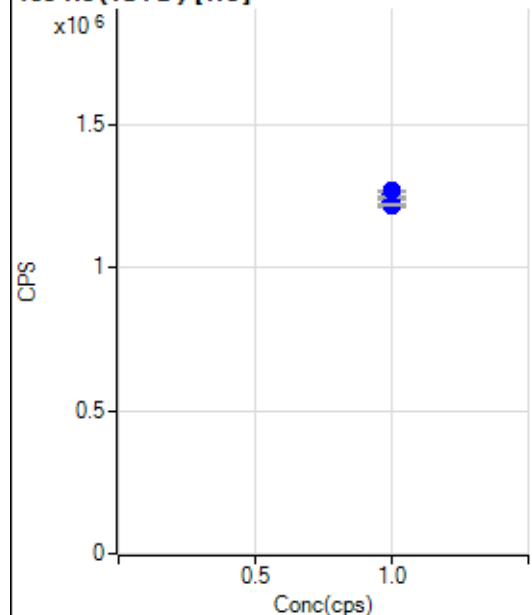
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7093332.60		A	0.5
2	☐	1.000					
3	☐	1.000		7010017.05		A	0.6
4	☐	1.000		6791596.63		A	0.6
5	☐	1.000		6849946.15		A	0.9
6	☐	1.000		6946410.94		A	0.2
7	☐	1.000		7019738.92		A	0.6
8	☐	1.000		7036273.72		A	0.6
9	☐	1.000		6841294.27		A	0.8

159 Tb (ISTD) [He]

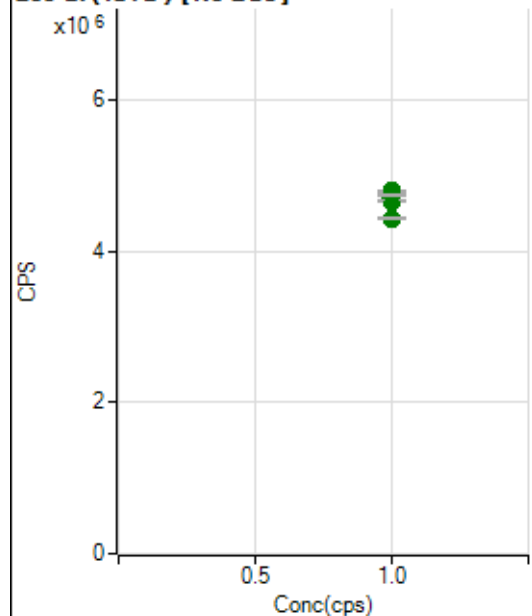
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1205462.16		P	2.0
2	☐	1.000					
3	☐	1.000		1220746.80		P	0.5
4	☐	1.000		1207629.15		P	0.5
5	☐	1.000		1197020.82		P	0.6
6	☐	1.000		1178672.49		P	2.8
7	☐	1.000		1200219.98		P	0.3
8	☐	1.000		1180532.06		P	2.2
9	☐	1.000		1163983.92		P	0.0

165 Ho (ISTD) [No Gas]

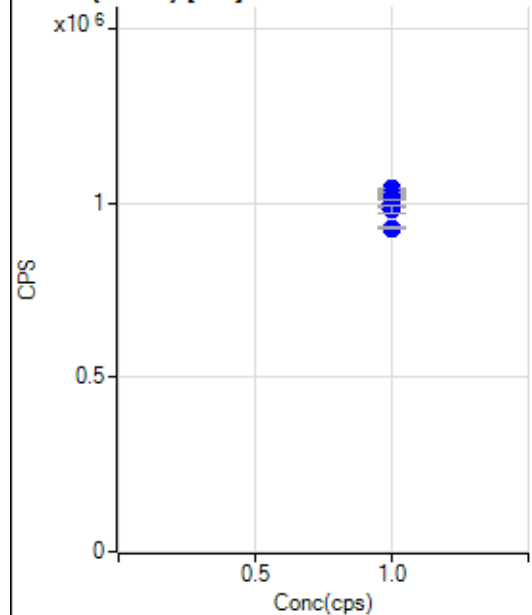
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6922564.30		A	1.0
2	☐	1.000					
3	☐	1.000		6771102.75		A	0.6
4	☐	1.000		6634563.43		A	0.3
5	☐	1.000		6682269.25		A	0.3
6	☐	1.000		6760027.41		A	1.2
7	☐	1.000		6824476.54		A	0.4
8	☐	1.000		6850583.22		A	0.5
9	☐	1.000		6674700.85		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1251852.64		P	2.1
2	☐	1.000					
3	☐	1.000		1266251.99		P	0.5
4	☐	1.000		1254497.96		P	0.7
5	☐	1.000		1244877.34		P	0.8
6	☐	1.000		1223617.05		P	2.3
7	☐	1.000		1245352.95		P	0.6
8	☐	1.000		1230494.94		P	2.0
9	☐	1.000		1216416.20		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4773765.14		A	0.9
2	☐	1.000					
3	☐	1.000		4799355.87		A	0.6
4	☐	1.000		4666030.94		A	0.8
5	☐	1.000		4716564.69		A	1.0
6	☐	1.000		4757101.98		A	0.2
7	☐	1.000		4771075.07		A	0.7
8	☐	1.000		4745420.34		A	0.3
9	☐	1.000		4435520.45		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1030283.74		P	1.9
2	☐	1.000					
3	☐	1.000		1041786.75		P	0.5
4	☐	1.000		1029479.45		P	1.0
5	☐	1.000		1017397.95		P	0.6
6	☐	1.000		998000.16		P	2.5
7	☐	1.000		1010152.53		P	0.4
8	☐	1.000		984801.97		P	2.1
9	☐	1.000		930265.47		P	0.3

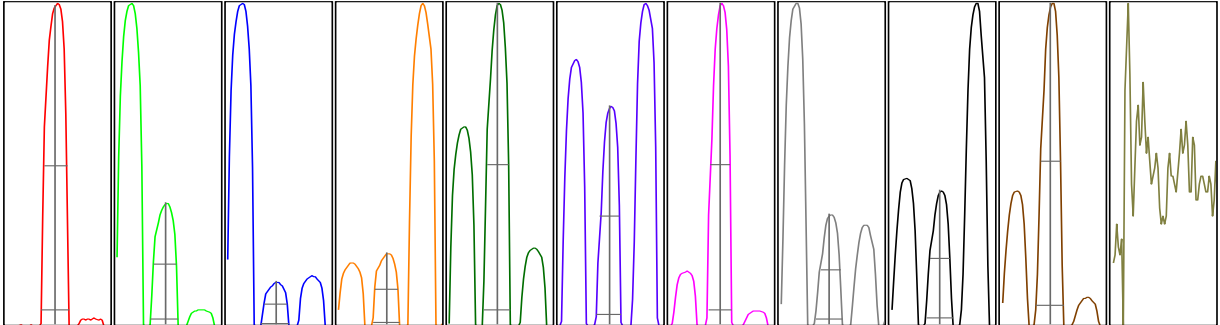
US EPA Tune Check Sample Report

Batch Folder D:\P8030818 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	857	1.67	5.00	
24	9304	1.10	5.00	
25	1255	1.33	5.00	
26	1445	1.07	5.00	
59	10588	1.12	5.00	
113	2375	1.38	5.00	
115	20915	1.52	5.00	
206	5470	1.55	5.00	
207	4977	1.60	5.00	
208	11789	1.34	5.00	
220	1	18.19		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	836	863	868	847	868
24	9324	9393	9346	9128	9331
25	1250	1281	1257	1235	1254
26	1436	1468	1434	1432	1453
59	10560	10675	10616	10398	10691
113	2376	2390	2382	2320	2407
115	21032	21107	21026	20348	21061
206	5451	5510	5501	5334	5556
207	4918	5033	5005	4870	5058
208	11735	11899	11859	11536	11914
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	1365	8.95	8.9 - 9.1		0.786	0.900	
24	15070	23.95	23.9 - 24.1		0.785	0.900	
25	2035	24.95	24.9 - 25.1		0.786	0.900	
26	2335	25.95	25.9 - 26.1		0.771	0.900	
59	17911	58.95	58.9 - 59.1		0.777	0.900	
113	4409	113.00	112.9 - 113.1		0.695	0.900	
115	38404	115.00	114.9 - 115.1		0.692	0.900	
206	9874	205.95	205.9 - 206.1		0.774	0.900	
207	9019	206.95	206.9 - 207.1		0.774	0.900	
208	21609	207.95	207.9 - 208.1		0.776	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.3	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	1288	2.56	
89	631	1.83	
205	4163	1.88	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	1305	1307	1230	1306	1292
89	635	632	611	636	641
205	4233	4179	4029	4177	4196

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	10.3	V	Deflect	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 16:13:41 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.53	-1.32	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.03	0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.66	-0.29	-0.38	0.00	N/A	ppb
Boron	11-1	0.13	-0.26	0.14	0.00	N/A	ppb
Cadmium	111-1	0.02	0.05	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.26	0.57	-0.84	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.11	0.07	0.00	N/A	ppb
Calcium	43-1	-6.43	2.57	3.86	0.00	N/A	ppb
Calcium	44-1	-0.64	0.74	-0.09	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.08	0.10	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.02	0.00	N/A	ppb
Copper	63-2	0.02	-0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.26	-0.42	0.16	0.00	N/A	ppb
Iron	57-2	0.03	-1.12	1.09	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.18	-0.82	0.65	0.00	N/A	ppb
Manganese	55-2	0.06	-0.05	-0.01	0.00	N/A	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:13:41	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.10	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	-2.81	-9.71	12.53	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.50	0.33	-1.83	0.00	N/A	ppb
Selenium	82-1	-0.47	0.17	0.31	0.00	N/A	ppb
Silicon	28-1	1.13	-0.79	-0.34	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-3.86	5.98	-2.12	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1.24	-19.59	1.35	-5.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.00	-0.02	0.02	0.00	N/A	ppb
Titanium	47-1	-0.08	0.02	0.06	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.03	0.02	-0.05	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	0.00	-0.07	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:13:41	DataFile Name :	004CALB.d

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

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.43	12.13	43.30	24.62	66.93	ppb
Antimony	121-1	1.83	1.91	1.95	1.90	3.24	ppb
Arsenic	75-2	0.96	0.73	1.00	0.89	16.06	ppb
Barium	135-1	9.08	9.66	9.09	9.28	3.61	ppb
Barium	137-1	9.28	9.46	9.39	9.38	0.98	ppb
Beryllium	9-1	1.00	0.98	0.82	0.94	10.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.25	25.16	22.71	23.04	8.59	ppb
Boron	11-1	22.73	23.05	22.13	22.64	2.06	ppb
Cadmium	111-1	0.92	0.88	1.01	0.94	7.12	ppb
Cadmium	106-1	0.86	0.57	0.74	0.72	19.98	ppb
Cadmium	108-1	0.84	0.92	1.00	0.92	8.63	ppb
Calcium	43-1	438.66	473.30	421.20	444.39	5.97	ppb
Calcium	44-1	450.29	464.95	457.51	457.59	1.60	ppb
Chromium	52-2	2.17	1.96	2.08	2.07	5.10	ppb
Cobalt	59-2	1.00	0.93	0.96	0.96	3.83	ppb
Copper	63-2	1.99	1.72	1.78	1.83	7.70	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.49	48.26	48.25	47.66	2.14	ppb
Iron	57-2	42.07	40.59	52.82	45.16	14.78	ppb
Lead	206-1	0.93	0.92	0.97	0.94	2.81	ppb
Lead	207-1	0.88	0.97	0.91	0.92	4.99	ppb
Lead	208-1	0.91	0.93	0.91	0.92	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	479.08	485.32	469.66	478.02	1.65	ppb
Manganese	55-2	1.29	0.99	0.98	1.09	16.39	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.85	4.56	4.74	4.72	3.16	ppb
Molybdenum	95-1	4.73	4.65	4.43	4.60	3.30	ppb
Molybdenum	96-1	4.53	4.80	4.57	4.63	3.09	ppb
Molybdenum	97-1	4.61	4.67	4.40	4.56	3.08	ppb
Molybdenum	98-1	4.65	4.66	4.56	4.62	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.90	0.79	0.96	21.83	ppb
Phosphorus	31-2	-9.96	19.23	20.63	9.96	173.35	ppb
Potassium	39-2	493.78	459.78	510.31	487.96	5.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.82	2.27	173.21	ppb
Selenium	78-2	-0.74	7.92	6.82	4.67	101.09	ppb
Selenium	82-1	5.02	5.54	4.83	5.13	7.16	ppb
Silicon	28-1	15.41	15.45	16.99	15.95	5.66	ppb
Silver	109-1	0.94	0.95	0.96	0.95	0.88	ppb
Silver	107-1	0.94	0.93	0.98	0.95	2.97	ppb
Sodium	23-2	446.52	451.46	484.71	460.90	4.51	ppb
Strontium	86-1	0.89	0.92	0.86	0.89	3.59	ppb
Strontium	88-1	0.95	0.98	0.93	0.95	2.85	ppb
Sulfur	34-1	-117.06	77.71	56.34	5.66	1885.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.93	0.94	0.92	2.12	ppb
Thallium	205-1	0.93	0.90	0.90	0.91	1.47	ppb
Tin	118-1	4.57	4.70	4.50	4.59	2.24	ppb
Titanium	47-1	4.48	4.86	4.89	4.74	4.90	ppb
Uranium	238-1	0.87	0.88	0.87	0.87	1.00	ppb
Vanadium	51-2	4.78	4.79	4.41	4.66	4.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.35	1.94	2.24	2.18	9.79	ppb
Zirconium	90-1	0.93	0.89	0.95	0.92	3.04	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.93	0.87	0.90	3.18	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	982.82	938.83	981.02	967.55	2.57	ppb
Antimony	121-1	52.18	52.52	52.96	52.55	0.74	ppb
Arsenic	75-2	50.13	50.48	49.70	50.10	0.78	ppb
Barium	135-1	261.21	264.48	263.77	263.15	0.65	ppb
Barium	137-1	261.47	262.86	263.25	262.52	0.36	ppb
Beryllium	9-1	52.97	53.98	53.12	53.36	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.30	50.19	54.95	51.14	6.70	ppb
Boron	11-1	50.16	52.36	50.31	50.94	2.41	ppb
Cadmium	111-1	54.55	53.96	53.33	53.95	1.14	ppb
Cadmium	106-1	56.85	51.20	51.18	53.08	6.16	ppb
Cadmium	108-1	50.42	54.15	52.99	52.52	3.63	ppb
Calcium	43-1	5056.84	5155.47	5080.59	5097.63	1.01	ppb
Calcium	44-1	5209.66	5136.25	5131.52	5159.14	0.85	ppb
Chromium	52-2	51.63	52.20	48.86	50.90	3.51	ppb
Cobalt	59-2	52.05	52.32	49.23	51.20	3.34	ppb
Copper	63-2	102.20	102.41	97.66	100.76	2.66	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2576.86	2614.88	2493.88	2561.88	2.42	ppb
Iron	57-2	2505.17	2614.46	2372.97	2497.53	4.84	ppb
Lead	206-1	51.06	50.95	50.82	50.94	0.23	ppb
Lead	207-1	49.74	50.74	50.43	50.30	1.02	ppb
Lead	208-1	50.21	50.73	50.69	50.54	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	5180.62	5387.39	4938.51	5168.84	4.35	ppb
Manganese	55-2	102.13	103.76	99.86	101.92	1.92	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	255.66	254.10	256.15	255.30	0.42	ppb
Molybdenum	95-1	256.36	254.83	255.32	255.50	0.31	ppb
Molybdenum	96-1	254.30	252.95	256.34	254.53	0.67	ppb
Molybdenum	97-1	252.67	251.22	253.17	252.35	0.40	ppb
Molybdenum	98-1	256.45	256.03	258.64	257.04	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.51	54.54	48.92	51.33	5.65	ppb
Phosphorus	31-2	935.71	888.49	843.47	889.22	5.19	ppb
Potassium	39-2	2634.80	2594.18	2501.00	2576.66	2.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	69.70	63.11	34.63	55.81	33.40	ppb
Selenium	78-2	45.71	54.89	59.67	53.43	13.28	ppb
Selenium	82-1	52.06	51.65	53.19	52.30	1.53	ppb
Silicon	28-1	67.99	70.16	69.64	69.27	1.64	ppb
Silver	109-1	53.52	53.87	54.14	53.84	0.58	ppb
Silver	107-1	54.00	54.19	54.98	54.39	0.95	ppb
Sodium	23-2	5092.97	5208.17	4809.52	5036.89	4.07	ppb
Strontium	86-1	49.53	50.67	51.19	50.46	1.68	ppb
Strontium	88-1	51.55	51.39	51.81	51.58	0.41	ppb
Sulfur	34-1	1118.91	1162.77	1104.49	1128.72	2.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.29	51.40	50.82	50.84	1.09	ppb
Thallium	205-1	50.90	51.22	51.64	51.25	0.72	ppb
Tin	118-1	52.83	52.86	53.41	53.03	0.62	ppb
Titanium	47-1	260.77	256.02	256.33	257.71	1.03	ppb
Uranium	238-1	49.97	50.14	50.29	50.13	0.33	ppb
Vanadium	51-2	50.10	51.57	48.79	50.15	2.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	102.40	105.34	95.90	101.21	4.77	ppb
Zirconium	90-1	51.59	51.33	51.67	51.53	0.34	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.94	49.93	51.04	50.64	1.22	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2459.80	2440.02	2472.21	2457.34	0.66	ppb
Antimony	121-1	128.57	127.40	129.42	128.46	0.79	ppb
Arsenic	75-2	126.38	123.26	125.53	125.06	1.29	ppb
Barium	135-1	638.19	640.58	648.91	642.56	0.88	ppb
Barium	137-1	650.24	645.30	655.32	650.29	0.77	ppb
Beryllium	9-1	130.05	130.09	130.66	130.27	0.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.22	126.14	128.17	125.18	2.86	ppb
Boron	11-1	122.49	124.83	126.63	124.65	1.67	ppb
Cadmium	111-1	130.17	130.10	131.81	130.70	0.74	ppb
Cadmium	106-1	124.92	130.87	130.68	128.82	2.62	ppb
Cadmium	108-1	130.61	128.45	130.03	129.70	0.86	ppb
Calcium	43-1	12530.90	12495.78	12467.86	12498.18	0.25	ppb
Calcium	44-1	12391.64	12417.79	12457.02	12422.15	0.26	ppb
Chromium	52-2	127.62	128.62	125.40	127.21	1.30	ppb
Cobalt	59-2	129.33	126.16	124.70	126.73	1.87	ppb
Copper	63-2	255.78	253.20	249.23	252.74	1.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6581.09	6546.94	6358.59	6495.54	1.84	ppb
Iron	57-2	6416.19	6404.95	6147.51	6322.88	2.40	ppb
Lead	206-1	124.26	124.61	125.51	124.79	0.52	ppb
Lead	207-1	122.55	124.48	123.91	123.65	0.80	ppb
Lead	208-1	123.16	124.50	124.90	124.19	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	12881.62	12920.26	12644.57	12815.48	1.16	ppb
Manganese	55-2	253.63	258.33	247.97	253.31	2.05	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	640.82	646.55	635.84	641.07	0.84	ppb
Molybdenum	95-1	646.51	640.35	654.28	647.05	1.08	ppb
Molybdenum	96-1	649.74	645.43	653.38	649.52	0.61	ppb
Molybdenum	97-1	626.66	621.16	624.17	624.00	0.44	ppb
Molybdenum	98-1	640.40	643.52	638.76	640.89	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.89	126.67	126.08	127.21	1.17	ppb
Phosphorus	31-2	2894.62	2697.14	2631.14	2740.97	5.00	ppb
Potassium	39-2	6270.36	6317.94	6123.53	6237.28	1.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	108.27	135.40	157.14	133.60	18.33	ppb
Selenium	78-2	136.70	128.17	126.18	130.35	4.29	ppb
Selenium	82-1	128.96	130.55	129.62	129.71	0.62	ppb
Silicon	28-1	168.89	164.59	169.28	167.59	1.55	ppb
Silver	109-1	130.01	128.99	131.90	130.30	1.13	ppb
Silver	107-1	131.13	130.62	133.31	131.69	1.08	ppb
Sodium	23-2	12703.60	12571.43	12320.62	12531.88	1.55	ppb
Strontium	86-1	124.04	121.67	126.86	124.19	2.09	ppb
Strontium	88-1	130.11	128.89	128.51	129.17	0.65	ppb
Sulfur	34-1	2582.77	2455.07	2497.66	2511.83	2.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.55	125.40	125.97	125.31	0.57	ppb
Thallium	205-1	125.70	127.31	128.89	127.30	1.25	ppb
Tin	118-1	127.69	127.27	129.77	128.24	1.05	ppb
Titanium	47-1	625.19	625.42	629.31	626.64	0.37	ppb
Uranium	238-1	125.17	128.30	126.14	126.54	1.27	ppb
Vanadium	51-2	125.20	125.88	123.30	124.79	1.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.08	265.23	255.05	259.79	1.97	ppb
Zirconium	90-1	126.66	127.15	127.29	127.03	0.26	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:28:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.41	125.00	125.20	124.87	0.33	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:32:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5105.41	5126.75	4958.86	5063.67	1.80	ppb
Antimony	121-1	256.04	255.93	258.78	256.91	0.63	ppb
Arsenic	75-2	248.12	258.13	252.26	252.84	1.99	ppb
Barium	135-1	1273.50	1284.42	1287.24	1281.72	0.57	ppb
Barium	137-1	1276.57	1286.67	1271.03	1278.09	0.62	ppb
Beryllium	9-1	255.70	253.51	253.72	254.31	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	239.03	247.72	245.54	244.10	1.85	ppb
Boron	11-1	237.35	246.19	252.10	245.22	3.03	ppb
Cadmium	111-1	257.58	255.35	257.47	256.80	0.49	ppb
Cadmium	106-1	255.02	254.31	247.78	252.37	1.58	ppb
Cadmium	108-1	249.91	256.25	255.10	253.75	1.33	ppb
Calcium	43-1	24842.78	25132.57	24934.86	24970.07	0.59	ppb
Calcium	44-1	24548.99	24864.43	24796.71	24736.71	0.67	ppb
Chromium	52-2	260.67	258.84	253.31	257.61	1.49	ppb
Cobalt	59-2	260.81	260.85	255.85	259.17	1.11	ppb
Copper	63-2	515.40	513.23	506.33	511.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13276.58	13054.50	12939.42	13090.16	1.31	ppb
Iron	57-2	12950.75	12815.76	12672.43	12812.98	1.09	ppb
Lead	206-1	252.20	249.78	247.05	249.68	1.03	ppb
Lead	207-1	249.02	246.92	245.41	247.12	0.73	ppb
Lead	208-1	252.36	250.20	249.30	250.62	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	26074.88	25821.33	25595.90	25830.70	0.93	ppb
Manganese	55-2	514.49	517.40	510.26	514.05	0.70	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:32:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1290.60	1252.31	1265.08	1269.33	1.54	ppb
Molybdenum	95-1	1277.83	1261.49	1257.03	1265.45	0.87	ppb
Molybdenum	96-1	1273.12	1254.06	1272.71	1266.63	0.86	ppb
Molybdenum	97-1	1299.82	1271.08	1285.80	1285.57	1.12	ppb
Molybdenum	98-1	1259.19	1252.92	1250.65	1254.25	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.43	261.63	257.32	260.13	0.94	ppb
Phosphorus	31-2	5523.99	4895.13	5376.92	5265.35	6.25	ppb
Potassium	39-2	12993.27	12731.24	12844.25	12856.25	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	218.00	297.03	261.70	258.91	15.29	ppb
Selenium	78-2	263.28	253.07	256.46	257.60	2.02	ppb
Selenium	82-1	258.36	254.77	256.66	256.59	0.70	ppb
Silicon	28-1	314.24	315.92	322.12	317.43	1.31	ppb
Silver	109-1	262.07	261.21	265.57	262.95	0.88	ppb
Silver	107-1	259.93	264.75	262.36	262.35	0.92	ppb
Sodium	23-2	26114.45	25778.06	26238.46	26043.66	0.91	ppb
Strontium	86-1	250.84	246.71	248.97	248.84	0.83	ppb
Strontium	88-1	253.98	253.17	255.49	254.21	0.46	ppb
Sulfur	34-1	4855.30	4928.29	4747.12	4843.57	1.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	255.82	254.78	253.56	254.72	0.44	ppb
Thallium	205-1	253.73	253.32	253.18	253.41	0.11	ppb
Tin	118-1	254.02	253.56	254.69	254.09	0.22	ppb
Titanium	47-1	1236.87	1254.40	1260.65	1250.64	0.99	ppb
Uranium	238-1	253.20	249.13	250.40	250.91	0.83	ppb
Vanadium	51-2	259.05	255.62	250.91	255.19	1.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	526.41	514.07	507.98	516.15	1.82	ppb
Zirconium	90-1	252.60	255.65	256.25	254.83	0.77	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:32:26	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.51	244.79	247.66	247.99	1.36	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9729.88	9925.18	9804.82	9819.96	1.00	ppb
Antimony	121-1	513.58	498.29	507.16	506.34	1.52	ppb
Arsenic	75-2	502.93	487.16	494.43	494.84	1.59	ppb
Barium	135-1	2548.65	2505.61	2549.18	2534.48	0.99	ppb
Barium	137-1	2525.30	2500.46	2524.87	2516.88	0.56	ppb
Beryllium	9-1	505.42	506.37	502.75	504.85	0.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.07	500.32	507.29	499.89	1.52	ppb
Boron	11-1	487.07	499.02	500.42	495.51	1.48	ppb
Cadmium	111-1	511.06	503.59	506.07	506.91	0.75	ppb
Cadmium	106-1	511.37	501.67	506.12	506.39	0.96	ppb
Cadmium	108-1	511.25	505.16	514.28	510.23	0.91	ppb
Calcium	43-1	49771.79	49796.15	49650.05	49739.33	0.16	ppb
Calcium	44-1	49603.62	49353.50	49495.80	49484.30	0.25	ppb
Chromium	52-2	497.04	507.13	491.68	498.62	1.57	ppb
Cobalt	59-2	501.95	510.03	489.05	500.34	2.12	ppb
Copper	63-2	994.00	1002.29	978.28	991.52	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25266.72	25548.78	24722.57	25179.36	1.67	ppb
Iron	57-2	24772.48	25384.49	24395.33	24850.77	2.01	ppb
Lead	206-1	508.78	499.21	506.49	504.83	0.99	ppb
Lead	207-1	506.46	501.79	505.16	504.47	0.48	ppb
Lead	208-1	504.76	499.91	504.90	503.19	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	49978.34	50719.14	49022.81	49906.76	1.70	ppb
Manganese	55-2	1001.13	1012.40	979.20	997.58	1.69	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.13	2504.38	2493.13	2497.88	0.23	ppb
Molybdenum	95-1	2473.15	2515.82	2502.31	2497.10	0.87	ppb
Molybdenum	96-1	2497.71	2514.89	2492.74	2501.78	0.46	ppb
Molybdenum	97-1	2488.07	2519.84	2530.19	2512.70	0.87	ppb
Molybdenum	98-1	2461.59	2510.08	2502.06	2491.24	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.93	505.32	495.57	500.94	0.99	ppb
Phosphorus	31-2	10189.42	9553.95	10078.75	9940.71	3.42	ppb
Potassium	39-2	24934.01	24853.68	24261.48	24683.06	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	577.41	400.44	528.66	502.17	18.20	ppb
Selenium	78-2	531.46	528.25	523.41	527.71	0.77	ppb
Selenium	82-1	507.04	507.89	501.15	505.36	0.73	ppb
Silicon	28-1	549.63	546.07	550.51	548.74	0.43	ppb
Silver	109-1	517.29	510.50	505.07	510.96	1.20	ppb
Silver	107-1	519.64	507.38	509.49	512.17	1.28	ppb
Sodium	23-2	50563.38	51454.43	49398.44	50472.08	2.04	ppb
Strontium	86-1	490.01	491.08	492.04	491.04	0.21	ppb
Strontium	88-1	500.35	498.10	502.52	500.32	0.44	ppb
Sulfur	34-1	9964.74	9871.33	9732.32	9856.13	1.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.36	504.42	505.72	507.50	0.84	ppb
Thallium	205-1	503.20	500.81	498.04	500.69	0.52	ppb
Tin	118-1	518.05	504.66	509.06	510.59	1.34	ppb
Titanium	47-1	2537.66	2537.25	2493.94	2522.95	1.00	ppb
Uranium	238-1	498.84	497.75	494.90	497.16	0.41	ppb
Vanadium	51-2	501.55	501.73	490.86	498.05	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1011.22	1018.07	998.09	1009.13	1.01	ppb
Zirconium	90-1	502.96	505.27	499.96	502.73	0.53	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.58	494.95	495.84	495.79	0.17	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19805.23	19182.08	19778.90	19588.73	1.80	ppb
Antimony	121-1	1004.84	984.91	993.87	994.54	1.00	ppb
Arsenic	75-2	988.59	995.81	1021.17	1001.86	1.71	ppb
Barium	135-1	5001.97	4936.33	4977.63	4971.98	0.67	ppb
Barium	137-1	4981.49	4970.62	4990.15	4980.75	0.20	ppb
Beryllium	9-1	997.22	997.74	992.06	995.67	0.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	984.57	1008.22	1011.70	1001.50	1.47	ppb
Boron	11-1	987.55	1008.34	1014.61	1003.50	1.41	ppb
Cadmium	111-1	1003.72	985.36	992.74	993.94	0.93	ppb
Cadmium	106-1	994.10	987.91	1004.74	995.58	0.86	ppb
Cadmium	108-1	992.82	994.26	992.62	993.23	0.09	ppb
Calcium	43-1	100253.31	99954.91	99843.33	100017.18	0.21	ppb
Calcium	44-1	99000.74	98835.88	97571.03	98469.22	0.79	ppb
Chromium	52-2	1005.27	977.95	1012.19	998.47	1.81	ppb
Cobalt	59-2	1013.13	971.19	1007.46	997.26	2.28	ppb
Copper	63-2	2030.03	1957.03	2015.78	2000.94	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51329.50	48976.33	50673.55	50326.46	2.41	ppb
Iron	57-2	50240.14	48705.12	50297.78	49747.68	1.82	ppb
Lead	206-1	993.96	1003.64	995.34	997.65	0.53	ppb
Lead	207-1	991.60	993.54	1010.78	998.64	1.06	ppb
Lead	208-1	995.17	999.89	999.91	998.32	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	103151.73	98063.20	102327.59	101180.84	2.70	ppb
Manganese	55-2	2022.39	1955.63	2013.55	1997.19	1.82	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4996.11	5026.60	4959.16	4993.96	0.68	ppb
Molybdenum	95-1	4997.87	4983.92	5001.88	4994.56	0.19	ppb
Molybdenum	96-1	4998.47	4987.37	4989.14	4991.66	0.12	ppb
Molybdenum	97-1	4996.03	4949.67	5008.61	4984.77	0.62	ppb
Molybdenum	98-1	5008.88	4975.14	5018.92	5000.98	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.06	975.00	1009.91	996.66	1.90	ppb
Phosphorus	31-2	20536.11	19055.69	20224.38	19938.73	3.91	ppb
Potassium	39-2	49716.54	47978.30	49824.48	49173.11	2.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	967.45	969.49	1049.06	995.33	4.68	ppb
Selenium	78-2	944.69	942.14	1063.39	983.41	7.05	ppb
Selenium	82-1	995.95	996.88	992.07	994.97	0.26	ppb
Silicon	28-1	950.15	955.41	951.74	952.43	0.28	ppb
Silver	109-1	992.93	989.44	988.93	990.43	0.22	ppb
Silver	107-1	992.57	982.45	994.29	989.77	0.65	ppb
Sodium	23-2	100317.52	97261.53	99998.08	99192.38	1.69	ppb
Strontium	86-1	1003.98	1008.90	1001.67	1004.85	0.37	ppb
Strontium	88-1	1002.90	999.95	991.70	998.18	0.58	ppb
Sulfur	34-1	20199.81	20160.52	19949.05	20103.13	0.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	989.80	1005.21	989.96	994.99	0.89	ppb
Thallium	205-1	994.28	1004.42	996.67	998.45	0.53	ppb
Tin	118-1	998.91	995.78	984.69	993.13	0.75	ppb
Titanium	47-1	4948.33	5022.49	4992.50	4987.77	0.75	ppb
Uranium	238-1	1005.87	1001.25	995.86	1000.99	0.50	ppb
Vanadium	51-2	1011.49	979.81	1007.79	999.70	1.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2026.20	1922.65	2021.49	1990.11	2.94	ppb
Zirconium	90-1	996.32	1005.25	989.71	997.10	0.78	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1008.54	1002.05	997.19	1002.59	0.57	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99812.04	101418.17	99065.19	100098.46	1.20	ppb
Antimony	121-1	1.30	1.30	1.33	1.31	1.21	ppb
Arsenic	75-2	0.25	0.33	0.30	0.29	14.51	ppb
Barium	135-1	1.32	1.47	1.44	1.41	5.41	ppb
Barium	137-1	1.41	1.37	1.31	1.36	3.73	ppb
Beryllium	9-1	0.52	0.55	0.45	0.51	10.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.84	47.84	39.16	44.28	10.27	ppb
Boron	11-1	50.06	45.18	41.79	45.68	9.10	ppb
Cadmium	111-1	0.08	0.10	0.16	0.11	36.25	ppb
Cadmium	106-1	-0.49	0.05	1.17	0.24	352.59	ppb
Cadmium	108-1	0.12	0.04	0.15	0.10	54.31	ppb
Calcium	43-1	505035.35	496612.89	498421.51	500023.25	0.89	ppb
Calcium	44-1	503517.60	495853.44	501742.82	500371.29	0.80	ppb
Chromium	52-2	24.07	24.67	23.55	24.10	2.32	ppb
Cobalt	59-2	1.43	1.30	1.22	1.32	8.09	ppb
Copper	63-2	2.93	3.03	2.80	2.92	3.99	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249473.73	254895.87	245271.92	249880.51	1.93	ppb
Iron	57-2	252524.10	253174.14	244445.59	250047.94	1.94	ppb
Lead	206-1	1.90	1.83	1.80	1.84	2.83	ppb
Lead	207-1	1.68	1.69	1.74	1.70	1.82	ppb
Lead	208-1	1.79	1.71	1.79	1.76	2.48	ppb
Lithium	6-1						%
Magnesium	24-2	499785.79	505335.69	494044.72	499722.07	1.13	ppb
Manganese	55-2	7.04	7.04	7.07	7.05	0.24	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.59	3.55	3.75	3.63	2.86	ppb
Molybdenum	95-1	4.73	4.67	4.77	4.72	1.12	ppb
Molybdenum	96-1	4.84	4.84	5.01	4.90	2.07	ppb
Molybdenum	97-1	4.25	4.18	4.38	4.27	2.35	ppb
Molybdenum	98-1	4.48	4.29	4.46	4.41	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.16	15.28	13.64	14.69	6.24	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	249729.21	253185.25	247622.05	250178.84	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	7.56	2.52	173.21	ppb
Selenium	78-2	-1.83	0.56	2.97	0.57	424.63	ppb
Selenium	82-1	1.44	0.62	0.63	0.90	52.33	ppb
Silicon	28-1	152.08	155.07	160.20	155.78	2.64	ppb
Silver	109-1	0.05	0.06	0.06	0.06	14.11	ppb
Silver	107-1	0.07	0.07	0.06	0.07	10.28	ppb
Sodium	23-2	501808.08	507531.71	490843.23	500061.01	1.70	ppb
Strontium	86-1	33.72	33.27	33.71	33.57	0.77	ppb
Strontium	88-1	34.39	33.82	33.82	34.01	0.97	ppb
Sulfur	34-1	-548.98	-683.16	-610.34	-614.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.50	0.53	0.45	0.50	8.30	ppb
Thallium	205-1	0.52	0.47	0.42	0.47	10.25	ppb
Tin	118-1	1.33	1.25	1.21	1.26	4.81	ppb
Titanium	47-1	1.40	1.33	1.21	1.32	7.15	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.92	ppb
Vanadium	51-2	0.29	0.22	0.20	0.24	18.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.35	6.36	6.23	6.65	9.21	ppb
Zirconium	90-1	0.24	0.27	0.28	0.27	7.69	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.21	0.27	0.25	15.23	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.61	459.91	475.76	484.76	6.26	ppb
Antimony	121-1	185.39	202.52	189.46	192.45	4.65	ppb
Arsenic	75-2	191.82	188.62	187.57	189.34	1.17	ppb
Barium	135-1	93.88	102.76	97.27	97.97	4.57	ppb
Barium	137-1	94.69	103.89	97.44	98.67	4.78	ppb
Beryllium	9-1	92.08	98.33	93.62	94.68	3.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	546.02	596.48	550.77	564.42	4.94	ppb
Boron	11-1	543.51	590.40	557.77	563.89	4.26	ppb
Cadmium	111-1	98.20	107.53	101.78	102.50	4.59	ppb
Cadmium	106-1	149.79	160.44	152.41	154.21	3.60	ppb
Cadmium	108-1	120.03	138.22	126.16	128.14	7.22	ppb
Calcium	43-1	2033.17	2119.09	2042.27	2064.85	2.29	ppb
Calcium	44-1	1941.77	2107.41	1958.54	2002.57	4.55	ppb
Chromium	52-2	92.79	93.05	91.87	92.57	0.67	ppb
Cobalt	59-2	95.26	94.70	94.38	94.78	0.47	ppb
Copper	63-2	93.78	93.30	93.25	93.44	0.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	963.44	957.00	939.93	953.46	1.27	ppb
Iron	57-2	916.67	959.50	960.66	945.61	2.65	ppb
Lead	206-1	188.80	202.80	191.24	194.28	3.85	ppb
Lead	207-1	180.12	193.57	181.71	185.13	3.97	ppb
Lead	208-1	188.11	201.20	191.01	193.44	3.55	ppb
Lithium	6-1						%
Magnesium	24-2	1171.80	1135.34	1137.59	1148.24	1.78	ppb
Manganese	55-2	94.12	92.40	94.13	93.55	1.07	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1092.59	1178.00	1112.89	1127.83	3.96	ppb
Molybdenum	95-1	492.68	541.59	501.91	512.06	5.07	ppb
Molybdenum	96-1	569.37	618.35	579.60	589.10	4.39	ppb
Molybdenum	97-1	475.74	518.79	483.53	492.69	4.66	ppb
Molybdenum	98-1	497.02	535.71	506.60	513.11	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.53	93.38	95.02	95.31	2.19	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	1870.75	1720.60	1874.86	1822.07	4.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	210.91	301.30	129.97	214.06	40.04	ppb
Selenium	78-2	179.28	173.01	175.69	175.99	1.79	ppb
Selenium	82-1	193.53	206.36	194.27	198.05	3.64	ppb
Silicon	28-1	462.36	510.11	468.54	480.34	5.41	ppb
Silver	109-1	94.43	103.90	97.37	98.56	4.92	ppb
Silver	107-1	95.62	105.36	99.24	100.08	4.92	ppb
Sodium	23-2	1888.63	1894.86	1877.66	1887.05	0.46	ppb
Strontium	86-1	476.50	512.62	483.79	490.97	3.89	ppb
Strontium	88-1	487.59	522.96	493.32	501.29	3.79	ppb
Sulfur	34-1	-712.23	-219.79	-654.69	-528.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	191.41	205.88	194.41	197.23	3.87	ppb
Thallium	205-1	196.33	210.42	198.47	201.74	3.76	ppb
Tin	118-1	489.79	543.34	504.05	512.39	5.41	ppb
Titanium	47-1	487.39	528.99	487.91	501.43	4.76	ppb
Uranium	238-1	502.49	549.46	507.89	519.95	4.94	ppb
Vanadium	51-2	92.48	93.79	92.60	92.96	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	194.09	191.81	188.84	191.58	1.37	ppb
Zirconium	90-1	485.34	526.93	487.86	500.04	4.66	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.43	514.65	483.75	491.61	4.13	ppb

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 16:55:08 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.14	-5.24	-3.09	-3.82		ppb
Antimony	121-1	0.16	0.19	0.18	0.18	9.34	ppb
Arsenic	75-2	0.00	0.06	-0.02	0.01	326.95	ppb
Barium	135-1	-0.05	-0.04	-0.03	-0.04		ppb
Barium	137-1	-0.06	-0.06	-0.07	-0.06		ppb
Beryllium	9-1	0.24	0.26	0.16	0.22	25.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.44	13.34	14.25	14.01	4.20	ppb
Boron	11-1	13.72	13.65	11.67	13.01	8.95	ppb
Cadmium	111-1	-0.05	-0.06	-0.11	-0.07		ppb
Cadmium	106-1	-0.54	-0.59	-1.09	-0.74		ppb
Cadmium	108-1	0.00	-0.07	0.00	-0.02		ppb
Calcium	43-1	-6.72	-7.70	-8.66	-7.69		ppb
Calcium	44-1	-0.70	1.93	-0.38	0.28	504.74	ppb
Chromium	52-2	-0.01	0.03	-0.01	0.00	1176.94	ppb
Cobalt	59-2	-0.02	-0.03	0.00	-0.02		ppb
Copper	63-2	-0.04	0.01	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.34	1.24	1.42	1.34	6.70	ppb
Iron	57-2	4.25	2.53	4.39	3.72	27.80	ppb
Lead	206-1	0.00	0.01	0.00	0.00	343.66	ppb
Lead	207-1	-0.01	0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.01	0.01	0.01	20.44	ppb
Lithium	6-1						%
Magnesium	24-2	1.72	0.10	1.15	0.99	82.71	ppb
Manganese	55-2	0.04	0.02	-0.04	0.01	550.96	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:55:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	0.05	0.04	55.84	ppb
Molybdenum	95-1	0.02	0.02	0.00	0.01	62.59	ppb
Molybdenum	96-1	0.01	0.06	0.01	0.03	107.99	ppb
Molybdenum	97-1	0.05	0.00	0.00	0.02	148.43	ppb
Molybdenum	98-1	0.02	0.01	0.04	0.02	64.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	0.18	0.03	512.78	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	14.42	15.82	-8.89	7.11	195.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	7.41	0.00	2.47	173.21	ppb
Selenium	78-2	-0.67	-1.83	0.50	-0.67		ppb
Selenium	82-1	-0.53	0.16	0.36	0.00		ppb
Silicon	28-1	-2.65	-5.70	-7.38	-5.24		ppb
Silver	109-1	0.01	0.00	0.00	0.01	75.48	ppb
Silver	107-1	0.00	0.00	0.01	0.01	80.96	ppb
Sodium	23-2	39.89	42.95	45.30	42.71	6.36	ppb
Strontium	86-1	0.01	-0.02	0.05	0.02	235.19	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	533.16	ppb
Sulfur	34-1	-417.39	-741.43	-736.20	-631.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.10	0.07	0.09	20.57	ppb
Thallium	205-1	0.07	0.09	0.06	0.07	14.79	ppb
Tin	118-1	0.04	0.10	0.10	0.08	40.33	ppb
Titanium	47-1	0.02	0.08	0.05	0.05	55.90	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.03	-0.02	0.01	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	0.05	0.02	0.02	224.94	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	54.56	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:55:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	112.99	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91857.97	96362.48	94862.88	94361.11	2.43	ppb
Antimony	121-1	1.14	1.20	1.18	1.18	2.73	ppb
Arsenic	75-2	0.42	0.64	0.46	0.51	23.22	ppb
Barium	135-1	1.38	1.51	1.46	1.45	4.63	ppb
Barium	137-1	1.43	1.47	1.44	1.45	1.55	ppb
Beryllium	9-1	0.44	0.40	0.52	0.46	13.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.10	10.56	9.59	10.41	7.35	ppb
Boron	11-1	11.49	12.06	11.18	11.58	3.89	ppb
Cadmium	111-1	0.24	0.26	0.25	0.25	4.67	ppb
Cadmium	106-1	-1.12	-0.54	-0.06	-0.57		ppb
Cadmium	108-1	7.15	6.86	8.26	7.43	9.96	ppb
Calcium	43-1	99520.56	99631.42	97923.17	99025.05	0.97	ppb
Calcium	44-1	97939.87	97922.51	98704.25	98188.87	0.45	ppb
Chromium	52-2	20.07	20.98	20.55	20.54	2.23	ppb
Cobalt	59-2	1.10	1.14	1.21	1.15	4.98	ppb
Copper	63-2	7.42	7.86	7.68	7.65	2.85	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100504.55	103735.38	103203.29	102481.08	1.69	ppb
Iron	57-2	98771.20	102273.53	102216.28	101087.01	1.98	ppb
Lead	206-1	5.27	5.08	5.08	5.14	2.13	ppb
Lead	207-1	4.49	4.46	4.35	4.43	1.65	ppb
Lead	208-1	4.82	4.71	4.62	4.72	2.06	ppb
Lithium	6-1						%
Magnesium	24-2	100207.31	105428.72	103544.50	103060.18	2.57	ppb
Manganese	55-2	8.07	8.22	7.59	7.96	4.13	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1359.27	1325.53	1348.91	1344.57	1.29	ppb
Molybdenum	95-1	1939.62	1917.80	1929.20	1928.88	0.57	ppb
Molybdenum	96-1	1866.47	1848.18	1873.84	1862.83	0.71	ppb
Molybdenum	97-1	1965.40	1925.46	1932.52	1941.12	1.10	ppb
Molybdenum	98-1	1960.87	1915.99	1919.00	1931.95	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.74	5.45	5.67	5.29	9.22	ppb
Phosphorus	31-2	98326.95	101015.39	100072.05	99804.80	1.37	ppb
Potassium	39-2	99771.07	103643.95	101689.61	101701.55	1.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.74	-1.83	-1.83	-1.47		ppb
Selenium	82-1	0.17	-0.26	-0.34	-0.14		ppb
Silicon	28-1	31.23	30.46	31.87	31.19	2.26	ppb
Silver	109-1	0.07	0.06	0.07	0.07	4.46	ppb
Silver	107-1	0.03	0.07	0.05	0.05	33.39	ppb
Sodium	23-2	98408.40	101570.90	101884.99	100621.43	1.91	ppb
Strontium	86-1	32.83	33.00	32.88	32.90	0.27	ppb
Strontium	88-1	34.26	33.01	33.65	33.64	1.86	ppb
Sulfur	34-1	42708.21	43370.75	42823.87	42967.61	0.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.25	0.22	0.23	9.06	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.08	ppb
Tin	118-1	0.18	0.18	0.24	0.20	17.04	ppb
Titanium	47-1	2024.85	2012.06	2009.21	2015.37	0.41	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.10	0.14	0.02	0.09	72.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.54	11.54	11.36	11.48	0.88	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	15.99	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.04	0.05	24.88	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:01:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92724.91	89218.53	90028.13	90657.19	2.03	ppb
Antimony	121-1	20.98	20.52	20.82	20.77	1.12	ppb
Arsenic	75-2	19.24	20.31	20.40	19.98	3.25	ppb
Barium	135-1	21.92	21.67	21.81	21.80	0.59	ppb
Barium	137-1	21.46	21.19	21.71	21.45	1.20	ppb
Beryllium	9-1	21.14	20.60	21.44	21.06	2.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.19	8.48	8.91	9.19	9.69	ppb
Boron	11-1	8.94	8.46	8.40	8.60	3.45	ppb
Cadmium	111-1	20.12	19.41	19.46	19.66	2.02	ppb
Cadmium	106-1	17.69	14.60	15.86	16.05	9.67	ppb
Cadmium	108-1	24.22	23.48	24.06	23.92	1.62	ppb
Calcium	43-1	99178.06	96106.02	98940.99	98075.02	1.74	ppb
Calcium	44-1	97569.96	95512.71	97867.37	96983.35	1.32	ppb
Chromium	52-2	40.40	37.17	40.03	39.20	4.51	ppb
Cobalt	59-2	21.47	20.63	20.96	21.02	2.01	ppb
Copper	63-2	26.98	26.34	26.46	26.59	1.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100008.33	95986.25	98107.00	98033.86	2.05	ppb
Iron	57-2	98898.00	95212.64	97098.35	97069.66	1.90	ppb
Lead	206-1	25.80	25.83	25.04	25.55	1.74	ppb
Lead	207-1	23.39	23.02	23.16	23.19	0.81	ppb
Lead	208-1	24.42	24.06	23.78	24.08	1.33	ppb
Lithium	6-1						%
Magnesium	24-2	100785.51	96728.97	97737.59	98417.36	2.15	ppb
Manganese	55-2	27.92	26.55	28.23	27.57	3.24	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:01:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1343.48	1339.04	1330.49	1337.67	0.49	ppb
Molybdenum	95-1	1930.81	1920.45	1920.96	1924.07	0.30	ppb
Molybdenum	96-1	1845.72	1824.77	1822.75	1831.08	0.69	ppb
Molybdenum	97-1	1932.00	1938.03	1927.37	1932.47	0.28	ppb
Molybdenum	98-1	1904.32	1897.79	1908.73	1903.61	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	23.97	25.07	24.72	2.65	ppb
Phosphorus	31-2	100833.36	93399.62	99036.89	97756.63	3.97	ppb
Potassium	39-2	97638.33	95133.52	96390.17	96387.34	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	42.32	14.24	21.57	26.04	55.93	ppb
Selenium	78-2	12.71	19.61	16.41	16.24	21.27	ppb
Selenium	82-1	20.23	19.80	20.38	20.14	1.49	ppb
Silicon	28-1	32.15	28.57	32.95	31.22	7.48	ppb
Silver	109-1	19.42	18.74	19.06	19.08	1.79	ppb
Silver	107-1	19.22	18.78	18.73	18.91	1.41	ppb
Sodium	23-2	97647.10	94174.28	96343.65	96055.01	1.83	ppb
Strontium	86-1	32.91	32.59	32.65	32.71	0.52	ppb
Strontium	88-1	33.37	33.37	33.28	33.34	0.15	ppb
Sulfur	34-1	43348.36	41570.34	43012.03	42643.58	2.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.80	20.87	20.45	20.71	1.11	ppb
Thallium	205-1	21.03	20.68	20.51	20.74	1.27	ppb
Tin	118-1	0.13	0.14	0.13	0.13	5.35	ppb
Titanium	47-1	2028.16	1954.66	2020.89	2001.24	2.02	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	19.54	19.13	19.65	19.44	1.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.20	31.66	31.54	31.80	1.10	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.74	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:01:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.03	0.02	119.15	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50775.08	48931.63	47799.38	49168.70	3.05	ppb
Antimony	121-1	503.50	502.87	499.29	501.88	0.45	ppb
Arsenic	75-2	505.26	500.45	497.53	501.08	0.78	ppb
Barium	135-1	2542.42	2553.42	2518.21	2538.02	0.71	ppb
Barium	137-1	2528.58	2520.96	2509.35	2519.63	0.38	ppb
Beryllium	9-1	512.48	506.55	513.01	510.68	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.97	513.18	514.60	506.92	2.39	ppb
Boron	11-1	495.03	500.61	511.32	502.32	1.65	ppb
Cadmium	111-1	494.63	487.65	490.55	490.94	0.71	ppb
Cadmium	106-1	489.42	496.02	505.14	496.86	1.59	ppb
Cadmium	108-1	492.50	494.48	496.79	494.59	0.43	ppb
Calcium	43-1	241251.01	246331.25	248252.92	245278.39	1.47	ppb
Calcium	44-1	242673.99	245043.00	247576.88	245097.96	1.00	ppb
Chromium	52-2	531.41	518.68	505.90	518.66	2.46	ppb
Cobalt	59-2	511.44	494.71	487.26	497.80	2.49	ppb
Copper	63-2	990.29	956.84	951.99	966.37	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127182.34	122589.31	120867.80	123546.49	2.64	ppb
Iron	57-2	125630.45	121298.19	120127.39	122352.01	2.37	ppb
Lead	206-1	513.52	506.35	505.22	508.37	0.89	ppb
Lead	207-1	516.57	507.94	508.30	510.94	0.95	ppb
Lead	208-1	512.33	507.67	506.30	508.76	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	257702.76	249221.06	244661.79	250528.53	2.64	ppb
Manganese	55-2	1038.93	1008.03	986.84	1011.27	2.59	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2483.80	2484.97	2520.63	2496.47	0.84	ppb
Molybdenum	95-1	2496.70	2486.65	2525.79	2503.05	0.81	ppb
Molybdenum	96-1	2500.08	2500.07	2506.40	2502.18	0.15	ppb
Molybdenum	97-1	2512.74	2538.61	2535.47	2528.94	0.56	ppb
Molybdenum	98-1	2483.45	2502.44	2525.55	2503.81	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.56	498.42	492.82	501.93	2.25	ppb
Phosphorus	31-2	11110.16	9445.89	9425.74	9993.93	9.67	ppb
Potassium	39-2	127295.84	127211.08	122657.03	125721.32	2.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	566.31	443.08	537.86	515.75	12.51	ppb
Selenium	78-2	564.32	509.71	469.10	514.38	9.29	ppb
Selenium	82-1	488.46	494.46	501.17	494.70	1.29	ppb
Silicon	28-1	540.43	551.13	561.31	550.96	1.89	ppb
Silver	109-1	491.76	491.79	495.44	493.00	0.43	ppb
Silver	107-1	492.58	492.82	490.65	492.02	0.24	ppb
Sodium	23-2	258514.51	250675.32	246465.41	251885.08	2.43	ppb
Strontium	86-1	502.77	503.41	506.45	504.21	0.39	ppb
Strontium	88-1	514.53	510.21	518.61	514.45	0.82	ppb
Sulfur	34-1	9801.06	10043.78	9968.15	9937.66	1.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.50	509.84	508.07	511.80	0.98	ppb
Thallium	205-1	510.67	504.53	502.50	505.90	0.84	ppb
Tin	118-1	502.65	508.93	501.53	504.37	0.79	ppb
Titanium	47-1	2539.44	2529.89	2535.52	2534.95	0.19	ppb
Uranium	238-1	520.87	512.61	508.54	514.01	1.22	ppb
Vanadium	51-2	522.18	504.66	495.92	507.59	2.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1012.35	973.54	968.94	984.94	2.42	ppb
Zirconium	90-1	501.94	502.91	503.59	502.81	0.17	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.78	492.08	498.58	495.15	0.66	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.24	-0.92	-3.12	-3.09		ppb
Antimony	121-1	0.32	0.37	0.33	0.34	7.36	ppb
Arsenic	75-2	0.06	0.00	-0.02	0.01	337.27	ppb
Barium	135-1	-0.03	-0.04	-0.02	-0.03		ppb
Barium	137-1	-0.07	-0.06	-0.05	-0.06		ppb
Beryllium	9-1	0.26	0.38	0.31	0.31	18.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.73	17.47	15.52	16.58	5.94	ppb
Boron	11-1	18.96	18.73	16.75	18.15	6.69	ppb
Cadmium	111-1	-0.04	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-0.66	-0.07	-0.22	-0.32		ppb
Cadmium	108-1	-0.04	-0.07	-0.11	-0.07		ppb
Calcium	43-1	-7.22	-4.70	-6.27	-6.06		ppb
Calcium	44-1	2.94	4.76	6.71	4.80	39.32	ppb
Chromium	52-2	0.00	-0.01	-0.11	-0.04		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.00	0.05	0.05	0.03	94.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.73	4.56	3.79	4.03	11.49	ppb
Iron	57-2	4.37	4.40	3.10	3.95	18.83	ppb
Lead	206-1	0.08	0.12	0.08	0.09	23.78	ppb
Lead	207-1	0.08	0.12	0.09	0.10	23.54	ppb
Lead	208-1	0.08	0.11	0.09	0.09	17.19	ppb
Lithium	6-1						%
Magnesium	24-2	-1.18	-1.55	0.00	-0.91		ppb
Manganese	55-2	0.00	0.02	0.00	0.01	151.16	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.14	0.12	0.14	13.15	ppb
Molybdenum	95-1	0.14	0.13	0.14	0.14	4.70	ppb
Molybdenum	96-1	0.16	0.16	0.11	0.14	20.52	ppb
Molybdenum	97-1	0.11	0.13	0.11	0.11	12.73	ppb
Molybdenum	98-1	0.14	0.15	0.16	0.15	7.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.22	-0.03	0.05	322.30	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	42.47	48.77	38.10	43.11	12.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.83	0.47	0.50	-0.29		ppb
Selenium	82-1	0.07	0.16	0.16	0.13	40.28	ppb
Silicon	28-1	-7.58	-0.79	-6.35	-4.91		ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.46	ppb
Silver	107-1	0.04	0.03	0.02	0.03	28.88	ppb
Sodium	23-2	97.42	98.07	81.81	92.43	9.96	ppb
Strontium	86-1	0.03	0.02	0.02	0.02	39.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	76.60	ppb
Sulfur	34-1	-704.26	-312.46	-538.67	-518.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.21	0.20	0.22	9.21	ppb
Thallium	205-1	0.21	0.21	0.18	0.20	8.98	ppb
Tin	118-1	0.10	0.10	0.08	0.09	12.94	ppb
Titanium	47-1	0.08	0.12	0.04	0.08	48.35	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.05	-0.03	-0.05	-0.04		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	-0.09	-0.09	-0.01		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	26.76	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	30.44	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.25	15.83	11.86	15.98	26.26	ppb
Antimony	121-1	1.92	2.03	1.90	1.95	3.74	ppb
Arsenic	75-2	1.37	0.91	0.91	1.07	25.02	ppb
Barium	135-1	9.68	9.57	8.96	9.40	4.11	ppb
Barium	137-1	9.57	9.31	9.35	9.41	1.46	ppb
Beryllium	9-1	1.26	1.14	1.14	1.18	5.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.51	28.79	30.17	30.49	6.17	ppb
Boron	11-1	31.11	29.52	30.88	30.50	2.83	ppb
Cadmium	111-1	0.88	0.90	0.81	0.86	5.58	ppb
Cadmium	106-1	0.75	0.67	-0.15	0.42	117.54	ppb
Cadmium	108-1	0.62	1.01	0.73	0.79	25.94	ppb
Calcium	43-1	465.45	445.95	429.66	447.02	4.01	ppb
Calcium	44-1	461.85	457.32	449.62	456.26	1.35	ppb
Chromium	52-2	1.76	2.01	1.94	1.90	6.66	ppb
Cobalt	59-2	0.93	0.88	1.03	0.94	8.19	ppb
Copper	63-2	1.90	1.70	1.90	1.83	6.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.11	51.24	52.27	51.54	1.23	ppb
Iron	57-2	43.62	58.05	48.71	50.13	14.59	ppb
Lead	206-1	0.99	0.98	0.95	0.97	2.11	ppb
Lead	207-1	0.98	0.96	0.95	0.96	1.88	ppb
Lead	208-1	0.98	0.98	0.96	0.97	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	472.22	453.24	459.95	461.81	2.08	ppb
Manganese	55-2	1.14	0.83	1.32	1.10	22.55	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.71	4.47	4.71	4.63	2.99	ppb
Molybdenum	95-1	4.49	4.68	4.46	4.54	2.61	ppb
Molybdenum	96-1	4.48	4.61	4.52	4.54	1.52	ppb
Molybdenum	97-1	4.41	4.38	4.73	4.51	4.36	ppb
Molybdenum	98-1	4.46	4.54	4.42	4.48	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.89	1.30	1.06	20.02	ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	565.08	472.05	507.40	514.84	9.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.26	0.00	0.00	2.42	173.21	ppb
Selenium	78-2	3.93	2.80	3.95	3.56	18.50	ppb
Selenium	82-1	4.13	4.66	4.83	4.54	8.01	ppb
Silicon	28-1	6.11	5.94	4.74	5.60	13.27	ppb
Silver	109-1	0.96	1.00	0.98	0.98	2.01	ppb
Silver	107-1	0.97	0.89	0.99	0.95	5.45	ppb
Sodium	23-2	526.52	512.38	518.74	519.21	1.36	ppb
Strontium	86-1	0.87	0.91	0.77	0.85	8.35	ppb
Strontium	88-1	0.93	0.91	0.92	0.92	1.00	ppb
Sulfur	34-1	-530.53	-487.84	-515.60	-511.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.12	1.04	1.02	1.06	4.93	ppb
Thallium	205-1	1.01	1.05	1.04	1.03	2.20	ppb
Tin	118-1	4.68	4.71	4.74	4.71	0.58	ppb
Titanium	47-1	4.92	4.52	4.36	4.60	6.29	ppb
Uranium	238-1	0.84	0.83	0.88	0.85	3.02	ppb
Vanadium	51-2	4.51	4.59	4.49	4.53	1.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.19	2.73	2.20	2.37	13.10	ppb
Zirconium	90-1	0.99	0.94	0.99	0.97	2.87	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.89	0.89	0.91	3.08	ppb

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : PB107090BL Instrumnet Name : P8
 Client Sample ID : PB107090BL Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 17:15:13 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.98	-5.24	-5.24	-3.82		ppb
Antimony	121-1	0.06	0.04	0.05	0.05	23.96	ppb
Arsenic	75-2	0.03	-0.05	0.00	-0.01		ppb
Barium	135-1	-0.05	-0.04	-0.03	-0.04		ppb
Barium	137-1	-0.06	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	0.22	0.16	0.06	0.15	53.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.44	7.85	7.75	7.68	2.78	ppb
Boron	11-1	8.17	6.85	7.09	7.37	9.56	ppb
Cadmium	111-1	-0.07	-0.08	0.00	-0.05		ppb
Cadmium	106-1	-0.74	-0.67	0.40	-0.33		ppb
Cadmium	108-1	0.01	-0.07	0.07	0.00	3321.77	ppb
Calcium	43-1	-9.80	-21.47	-19.00	-16.76		ppb
Calcium	44-1	4.95	0.09	1.93	2.33	105.47	ppb
Chromium	52-2	-0.01	-0.04	-0.09	-0.05		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.01	-0.04	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.84	2.02	1.76	1.87	7.12	ppb
Iron	57-2	4.91	5.71	1.96	4.19	47.02	ppb
Lead	206-1	0.04	0.04	0.02	0.03	26.43	ppb
Lead	207-1	0.03	0.03	0.04	0.04	11.42	ppb
Lead	208-1	0.05	0.03	0.03	0.04	21.77	ppb
Lithium	6-1						%
Magnesium	24-2	-1.28	3.69	-0.23	0.72	361.89	ppb
Manganese	55-2	-0.09	0.03	0.00	-0.02		ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BL	Instrumnet Name :	P8
Client Sample ID :	PB107090BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:15:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.06	0.01	0.02	193.37	ppb
Molybdenum	95-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.16	-0.14	-0.01		ppb
Phosphorus	31-2	-9.96	56.25	22.60	22.96	144.20	ppb
Potassium	39-2	11.30	22.79	14.07	16.05	37.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.83	1.67	-1.83	-0.67		ppb
Selenium	82-1	0.75	-0.42	0.08	0.14	432.75	ppb
Silicon	28-1	-1.91	-12.23	-10.11	-8.08		ppb
Silver	109-1	0.01	0.02	0.01	0.01	55.89	ppb
Silver	107-1	0.01	0.01	0.02	0.01	51.01	ppb
Sodium	23-2	50.63	57.45	59.76	55.95	8.49	ppb
Strontium	86-1	-0.05	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	72.49	ppb
Sulfur	34-1	94.27	-703.67	-535.88	-381.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.07	0.08	18.34	ppb
Thallium	205-1	0.08	0.07	0.08	0.07	6.70	ppb
Tin	118-1	0.05	0.01	0.00	0.02	114.86	ppb
Titanium	47-1	0.09	0.01	0.10	0.07	67.97	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.04	-0.02	-0.03		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	0.13	0.13	0.08	108.13	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BL	Instrumnet Name :	P8
Client Sample ID :	PB107090BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:15:13	DataFile Name :	020CCBE.d

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

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9852.01	10141.19	10195.17	10062.79	1.83	ppb
Antimony	121-1	501.64	504.72	500.46	502.27	0.44	ppb
Arsenic	75-2	487.77	494.04	521.74	501.18	3.61	ppb
Barium	135-1	2525.75	2530.84	2540.16	2532.25	0.29	ppb
Barium	137-1	2515.67	2482.44	2517.36	2505.16	0.79	ppb
Beryllium	9-1	495.88	488.07	483.16	489.04	1.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	456.16	474.41	479.27	469.95	2.59	ppb
Boron	11-1	468.60	481.21	482.52	477.44	1.61	ppb
Cadmium	111-1	505.53	500.66	500.30	502.17	0.58	ppb
Cadmium	106-1	513.77	488.50	497.81	500.03	2.56	ppb
Cadmium	108-1	503.54	497.12	507.10	502.59	1.01	ppb
Calcium	43-1	49441.16	48670.98	49624.65	49245.60	1.03	ppb
Calcium	44-1	49055.85	48592.61	49661.98	49103.48	1.09	ppb
Chromium	52-2	487.87	511.18	515.08	504.71	2.91	ppb
Cobalt	59-2	494.01	514.54	514.15	507.57	2.31	ppb
Copper	63-2	972.98	1013.49	1019.63	1002.03	2.53	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25036.41	25894.05	26161.25	25697.23	2.29	ppb
Iron	57-2	24472.46	25603.94	25564.37	25213.59	2.55	ppb
Lead	206-1	502.73	505.95	508.54	505.74	0.58	ppb
Lead	207-1	507.45	500.27	509.50	505.74	0.96	ppb
Lead	208-1	501.78	500.35	505.87	502.67	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	49744.98	51443.38	52052.62	51080.33	2.34	ppb
Manganese	55-2	985.89	1032.98	1032.46	1017.11	2.66	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2500.57	2435.88	2489.52	2475.32	1.40	ppb
Molybdenum	95-1	2504.71	2464.43	2504.48	2491.21	0.93	ppb
Molybdenum	96-1	2517.91	2468.71	2507.26	2497.96	1.04	ppb
Molybdenum	97-1	2517.02	2481.03	2521.03	2506.36	0.88	ppb
Molybdenum	98-1	2514.54	2459.90	2515.61	2496.68	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.51	515.70	515.45	507.55	2.74	ppb
Phosphorus	31-2	9514.78	9620.63	10450.72	9862.04	5.20	ppb
Potassium	39-2	24087.65	25385.62	25268.54	24913.94	2.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	463.73	450.59	711.99	542.11	27.17	ppb
Selenium	78-2	513.06	524.99	521.55	519.86	1.18	ppb
Selenium	82-1	503.43	494.79	498.35	498.86	0.87	ppb
Silicon	28-1	613.79	611.00	629.64	618.14	1.63	ppb
Silver	109-1	508.57	502.54	502.68	504.60	0.68	ppb
Silver	107-1	507.30	502.71	505.76	505.26	0.46	ppb
Sodium	23-2	50571.71	52395.77	52409.45	51792.31	2.04	ppb
Strontium	86-1	489.33	482.60	493.09	488.34	1.09	ppb
Strontium	88-1	496.24	491.79	496.54	494.85	0.54	ppb
Sulfur	34-1	9671.93	9124.19	9639.37	9478.50	3.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.17	504.27	502.60	503.02	0.22	ppb
Thallium	205-1	498.09	498.06	500.59	498.91	0.29	ppb
Tin	118-1	506.83	502.11	503.15	504.03	0.49	ppb
Titanium	47-1	2529.22	2475.04	2534.86	2513.04	1.31	ppb
Uranium	238-1	497.54	498.00	501.94	499.16	0.48	ppb
Vanadium	51-2	491.09	509.43	511.87	504.13	2.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	995.36	1039.49	1036.83	1023.89	2.42	ppb
Zirconium	90-1	496.79	491.74	502.73	497.09	1.11	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.62	481.16	488.90	486.23	0.90	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9835.80	10326.85	10029.25	10063.97	2.46	ppb
Antimony	121-1	502.19	499.99	496.85	499.68	0.54	ppb
Arsenic	75-2	497.36	528.41	496.60	507.46	3.58	ppb
Barium	135-1	2514.68	2490.87	2495.45	2500.34	0.51	ppb
Barium	137-1	2494.72	2462.05	2485.08	2480.62	0.68	ppb
Beryllium	9-1	491.10	489.60	485.76	488.82	0.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.65	475.58	479.33	484.85	2.67	ppb
Boron	11-1	477.55	489.99	498.11	488.55	2.12	ppb
Cadmium	111-1	499.83	495.37	493.79	496.33	0.63	ppb
Cadmium	106-1	494.72	501.12	491.24	495.69	1.01	ppb
Cadmium	108-1	489.70	490.07	493.13	490.97	0.38	ppb
Calcium	43-1	49185.95	50205.38	49115.35	49502.23	1.23	ppb
Calcium	44-1	49047.70	49813.26	49422.18	49427.71	0.77	ppb
Chromium	52-2	503.93	517.40	501.66	507.66	1.68	ppb
Cobalt	59-2	507.99	515.43	496.24	506.56	1.91	ppb
Copper	63-2	1002.09	1032.43	994.48	1009.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25713.74	26351.43	25298.37	25787.84	2.06	ppb
Iron	57-2	25284.09	26001.88	24956.73	25414.23	2.10	ppb
Lead	206-1	500.05	498.61	506.61	501.76	0.85	ppb
Lead	207-1	501.42	500.89	499.36	500.56	0.21	ppb
Lead	208-1	498.32	497.53	504.04	499.96	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	50797.71	52130.63	50405.97	51111.44	1.77	ppb
Manganese	55-2	1001.42	1028.17	992.98	1007.52	1.82	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.76	2460.42	2468.94	2479.04	1.02	ppb
Molybdenum	95-1	2509.09	2478.83	2460.65	2482.86	0.99	ppb
Molybdenum	96-1	2495.82	2458.39	2473.74	2475.98	0.76	ppb
Molybdenum	97-1	2524.94	2480.50	2476.66	2494.03	1.08	ppb
Molybdenum	98-1	2516.73	2463.39	2449.62	2476.58	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.33	519.00	498.92	507.75	2.02	ppb
Phosphorus	31-2	9974.01	9774.19	9720.91	9823.04	1.36	ppb
Potassium	39-2	24800.60	25558.76	24695.93	25018.43	1.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	459.38	564.09	577.86	533.78	12.14	ppb
Selenium	78-2	522.56	557.70	488.18	522.81	6.65	ppb
Selenium	82-1	505.06	492.43	495.67	497.72	1.32	ppb
Silicon	28-1	539.21	538.60	540.43	539.42	0.17	ppb
Silver	109-1	502.03	499.44	501.83	501.10	0.29	ppb
Silver	107-1	504.43	499.52	498.17	500.71	0.66	ppb
Sodium	23-2	51688.91	52894.68	50413.42	51665.67	2.40	ppb
Strontium	86-1	495.35	485.54	488.41	489.76	1.03	ppb
Strontium	88-1	498.40	494.96	496.43	496.60	0.35	ppb
Sulfur	34-1	9571.31	9579.90	9490.27	9547.16	0.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.63	503.80	499.77	503.40	0.68	ppb
Thallium	205-1	501.15	497.12	499.52	499.26	0.41	ppb
Tin	118-1	505.01	502.94	494.16	500.70	1.15	ppb
Titanium	47-1	2509.80	2542.20	2523.05	2525.02	0.64	ppb
Uranium	238-1	496.25	487.85	503.30	495.80	1.56	ppb
Vanadium	51-2	502.88	512.84	497.36	504.36	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.81	1048.64	1010.58	1023.35	2.14	ppb
Zirconium	90-1	500.27	494.61	491.26	495.38	0.92	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.93	484.89	485.35	486.72	0.57	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	819.36	822.28	845.42	829.02	1.72	ppb
Antimony	121-1	2.74	2.93	2.92	2.87	3.64	ppb
Arsenic	75-2	8.59	9.23	8.99	8.94	3.57	ppb
Barium	135-1	13.39	13.84	13.13	13.45	2.67	ppb
Barium	137-1	13.32	13.58	14.04	13.65	2.67	ppb
Beryllium	9-1	0.94	0.97	0.94	0.95	1.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2387.14	2472.27	2511.31	2456.91	2.58	ppb
Boron	11-1	2402.54	2487.34	2500.68	2463.52	2.16	ppb
Cadmium	111-1	12.56	12.26	12.83	12.55	2.25	ppb
Cadmium	106-1	332.97	330.52	343.00	335.50	1.97	ppb
Cadmium	108-1	329.12	331.94	335.54	332.20	0.97	ppb
Calcium	43-1	41961.88	42505.96	42416.35	42294.73	0.69	ppb
Calcium	44-1	42228.73	42959.60	42877.56	42688.63	0.94	ppb
Chromium	52-2	30.44	30.44	30.75	30.54	0.57	ppb
Cobalt	59-2	26.66	26.42	27.00	26.69	1.10	ppb
Copper	63-2	7.45	7.64	7.58	7.56	1.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1619.98	1619.05	1633.54	1624.19	0.50	ppb
Iron	57-2	1594.06	1624.19	1615.35	1611.20	0.96	ppb
Lead	206-1	16.40	16.44	16.98	16.61	1.95	ppb
Lead	207-1	14.89	14.88	15.16	14.97	1.05	ppb
Lead	208-1	15.58	15.74	15.86	15.73	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	4226487.41	4206486.14	4232789.71	4221921.09	0.33	ppb
Manganese	55-2	249442.16	246600.57	249033.02	248358.58	0.62	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	14.33	14.12	13.67	14.04	2.40	ppb
Molybdenum	95-1	12.59	12.67	12.75	12.67	0.62	ppb
Molybdenum	96-1	11.78	11.68	11.86	11.77	0.78	ppb
Molybdenum	97-1	11.30	11.15	11.58	11.34	1.94	ppb
Molybdenum	98-1	11.60	11.28	11.38	11.42	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.47	73.12	73.36	73.32	0.24	ppb
Phosphorus	31-2	1518.86	1624.33	1783.60	1642.26	8.12	ppb
Potassium	39-2	4157.84	4087.81	4148.23	4131.29	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	44.96	24.96	55.65	41.86	37.22	ppb
Selenium	78-2	7.67	7.66	5.39	6.91	19.05	ppb
Selenium	82-1	3.88	3.75	4.53	4.05	10.39	ppb
Silicon	28-1	893.55	841.12	845.81	860.16	3.37	ppb
Silver	109-1	0.10	0.10	0.12	0.11	10.15	ppb
Silver	107-1	1.08	1.11	1.15	1.11	3.13	ppb
Sodium	23-2	7231.01	7230.69	7351.81	7271.17	0.96	ppb
Strontium	86-1	80.22	79.19	79.75	79.72	0.65	ppb
Strontium	88-1	83.78	83.95	83.72	83.82	0.14	ppb
Sulfur	34-1	106404.35	105683.65	105668.67	105918.89	0.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.47	0.38	0.39	0.42	11.89	ppb
Thallium	205-1	0.44	0.41	0.43	0.43	3.35	ppb
Tin	118-1	0.92	0.94	1.07	0.98	8.45	ppb
Titanium	47-1	52.27	54.47	51.76	52.83	2.72	ppb
Uranium	238-1	2.91	2.92	2.92	2.92	0.19	ppb
Vanadium	51-2	184.77	182.90	185.90	184.52	0.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1004521.43	1000423.60	1000200.14	1001715.06	0.24	ppb
Zirconium	90-1	4.09	4.06	3.97	4.04	1.59	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.08	3.83	4.07	3.99	3.58	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	422.84	473.03	415.94	437.27	7.13	ppb
Antimony	121-1	1.47	1.46	1.55	1.49	3.25	ppb
Arsenic	75-2	5.18	4.83	6.05	5.35	11.78	ppb
Barium	135-1	6.93	6.45	7.14	6.84	5.15	ppb
Barium	137-1	6.74	6.84	6.73	6.77	0.91	ppb
Beryllium	9-1	0.59	0.51	0.53	0.54	7.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1223.18	1241.70	1250.09	1238.32	1.11	ppb
Boron	11-1	1271.99	1286.29	1292.33	1283.54	0.81	ppb
Cadmium	111-1	6.59	6.57	6.13	6.43	4.04	ppb
Cadmium	106-1	171.93	174.74	168.67	171.78	1.77	ppb
Cadmium	108-1	168.78	169.16	167.62	168.52	0.48	ppb
Calcium	43-1	21309.55	21206.02	21292.67	21269.41	0.26	ppb
Calcium	44-1	21436.27	21474.25	21684.06	21531.52	0.62	ppb
Chromium	52-2	22.57	21.12	20.72	21.47	4.51	ppb
Cobalt	59-2	14.16	13.48	13.61	13.75	2.61	ppb
Copper	63-2	4.20	3.98	3.86	4.01	4.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	879.57	843.91	839.09	854.19	2.59	ppb
Iron	57-2	901.35	812.72	841.50	851.86	5.31	ppb
Lead	206-1	8.13	8.32	8.15	8.20	1.29	ppb
Lead	207-1	7.44	7.50	7.53	7.49	0.57	ppb
Lead	208-1	7.85	7.86	7.81	7.84	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	2196142.69	2112581.04	2097882.78	2135535.50	2.48	ppb
Manganese	55-2	129528.11	123498.54	124015.01	125680.55	2.66	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.86	8.75	8.84	8.81	0.66	ppb
Molybdenum	95-1	8.06	8.05	8.27	8.13	1.47	ppb
Molybdenum	96-1	7.72	7.71	7.66	7.70	0.40	ppb
Molybdenum	97-1	7.58	7.38	7.34	7.44	1.70	ppb
Molybdenum	98-1	7.51	7.58	7.64	7.58	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.96	41.18	40.38	41.17	1.92	ppb
Phosphorus	31-2	558.73	513.47	935.21	669.14	34.60	ppb
Potassium	39-2	2083.69	2010.26	2040.09	2044.68	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	29.13	23.41	11.86	21.47	40.97	ppb
Selenium	78-2	1.86	1.88	1.93	1.89	1.80	ppb
Selenium	82-1	1.77	2.14	2.30	2.07	13.06	ppb
Silicon	28-1	407.15	464.84	459.38	443.79	7.18	ppb
Silver	109-1	0.04	0.06	0.05	0.05	14.77	ppb
Silver	107-1	0.60	0.57	0.57	0.58	2.54	ppb
Sodium	23-2	3846.35	3634.28	3641.62	3707.41	3.25	ppb
Strontium	86-1	46.70	47.88	48.22	47.60	1.67	ppb
Strontium	88-1	48.27	48.27	48.06	48.20	0.25	ppb
Sulfur	34-1	55943.12	55589.58	54899.20	55477.30	0.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.18	0.19	0.20	0.19	6.91	ppb
Thallium	205-1	0.21	0.19	0.18	0.19	8.02	ppb
Tin	118-1	0.61	0.62	0.73	0.65	10.38	ppb
Titanium	47-1	27.24	26.24	26.90	26.79	1.90	ppb
Uranium	238-1	1.42	1.45	1.40	1.42	1.84	ppb
Vanadium	51-2	95.89	92.54	90.00	92.81	3.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	526334.54	505507.82	499927.53	510589.96	2.73	ppb
Zirconium	90-1	2.37	2.41	2.34	2.37	1.48	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.26	2.27	2.28	2.27	0.43	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	148.83	178.38	133.17	153.46	14.96	ppb
Antimony	121-1	0.70	0.67	0.71	0.70	2.87	ppb
Arsenic	75-2	2.63	2.86	2.01	2.50	17.48	ppb
Barium	135-1	2.84	2.82	2.57	2.74	5.59	ppb
Barium	137-1	2.68	2.54	2.53	2.58	3.17	ppb
Beryllium	9-1	0.30	0.27	0.30	0.29	6.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.58	507.78	491.78	498.38	1.68	ppb
Boron	11-1	515.41	523.92	521.27	520.20	0.84	ppb
Cadmium	111-1	2.83	2.66	2.75	2.75	3.06	ppb
Cadmium	106-1	73.45	72.73	72.72	72.97	0.57	ppb
Cadmium	108-1	69.84	70.84	70.47	70.38	0.72	ppb
Calcium	43-1	8648.81	8507.84	8512.48	8556.38	0.94	ppb
Calcium	44-1	8783.42	8674.20	8586.19	8681.27	1.14	ppb
Chromium	52-2	12.63	13.65	12.96	13.08	4.01	ppb
Cobalt	59-2	5.42	5.94	5.37	5.58	5.67	ppb
Copper	63-2	1.46	1.68	1.61	1.58	7.17	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	345.18	371.83	352.67	356.56	3.85	ppb
Iron	57-2	344.18	386.46	346.21	358.95	6.64	ppb
Lead	206-1	3.31	3.33	3.19	3.27	2.30	ppb
Lead	207-1	2.98	3.04	2.86	2.96	3.15	ppb
Lead	208-1	3.11	3.11	3.05	3.09	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	837912.29	886187.96	852493.07	858864.44	2.88	ppb
Manganese	55-2	48615.76	52276.21	49400.96	50097.65	3.85	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.35	4.14	4.17	4.22	2.75	ppb
Molybdenum	95-1	4.09	4.10	4.32	4.17	3.08	ppb
Molybdenum	96-1	3.80	3.86	3.94	3.87	1.78	ppb
Molybdenum	97-1	3.59	3.81	3.68	3.69	2.95	ppb
Molybdenum	98-1	3.78	3.76	3.84	3.79	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.93	19.24	18.62	18.60	3.50	ppb
Phosphorus	31-2	277.84	422.19	373.47	357.83	20.52	ppb
Potassium	39-2	822.96	970.37	884.84	892.73	8.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.31	6.80	6.36	6.49	4.18	ppb
Selenium	78-2	4.18	3.57	-0.82	2.31	118.30	ppb
Selenium	82-1	1.60	1.18	2.21	1.66	31.29	ppb
Silicon	28-1	188.15	170.84	175.71	178.24	5.01	ppb
Silver	109-1	0.04	0.02	0.03	0.03	34.19	ppb
Silver	107-1	0.21	0.26	0.25	0.24	10.05	ppb
Sodium	23-2	1475.84	1578.88	1521.32	1525.35	3.39	ppb
Strontium	86-1	20.32	20.97	21.27	20.85	2.33	ppb
Strontium	88-1	21.36	21.71	21.33	21.47	0.98	ppb
Sulfur	34-1	23988.03	23250.93	23437.04	23558.67	1.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.11	0.09	0.10	9.64	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	5.28	ppb
Tin	118-1	0.29	0.28	0.30	0.29	4.14	ppb
Titanium	47-1	11.17	10.97	10.32	10.82	4.10	ppb
Uranium	238-1	0.53	0.54	0.52	0.53	1.40	ppb
Vanadium	51-2	35.82	38.20	37.41	37.14	3.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	199749.08	213962.85	204941.28	206217.74	3.49	ppb
Zirconium	90-1	1.05	1.00	0.97	1.01	4.37	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	1.05	0.93	0.99	6.28	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48472.41	49894.79	48588.81	48985.33	1.61	ppb
Antimony	121-1	508.99	525.97	502.41	512.46	2.37	ppb
Arsenic	75-2	493.21	500.54	485.33	493.03	1.54	ppb
Barium	135-1	2546.25	2629.06	2506.42	2560.57	2.44	ppb
Barium	137-1	2550.66	2603.49	2477.85	2544.00	2.48	ppb
Beryllium	9-1	533.23	543.91	514.95	530.70	2.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	505.49	542.44	521.87	523.27	3.54	ppb
Boron	11-1	520.33	547.83	533.89	534.02	2.58	ppb
Cadmium	111-1	492.40	504.95	490.62	495.99	1.58	ppb
Cadmium	106-1	498.12	496.08	501.34	498.51	0.53	ppb
Cadmium	108-1	494.90	508.36	496.12	499.79	1.49	ppb
Calcium	43-1	241143.35	255631.55	246088.28	247621.06	2.97	ppb
Calcium	44-1	241607.10	255917.29	245247.83	247590.74	3.00	ppb
Chromium	52-2	503.42	517.42	504.96	508.60	1.51	ppb
Cobalt	59-2	482.95	497.25	487.97	489.39	1.48	ppb
Copper	63-2	936.62	961.73	950.25	949.54	1.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120460.41	124468.08	122123.79	122350.76	1.65	ppb
Iron	57-2	119242.48	121674.97	120239.04	120385.50	1.02	ppb
Lead	206-1	512.95	539.44	509.61	520.67	3.14	ppb
Lead	207-1	516.33	538.92	524.24	526.50	2.18	ppb
Lead	208-1	510.62	537.18	512.92	520.24	2.83	ppb
Lithium	6-1						%
Magnesium	24-2	245286.09	252241.81	248632.79	248720.23	1.40	ppb
Manganese	55-2	990.65	1011.01	991.17	997.61	1.16	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2490.89	2646.49	2513.78	2550.39	3.29	ppb
Molybdenum	95-1	2487.19	2616.61	2526.47	2543.42	2.61	ppb
Molybdenum	96-1	2510.53	2640.34	2520.95	2557.27	2.82	ppb
Molybdenum	97-1	2492.88	2647.02	2545.35	2561.75	3.06	ppb
Molybdenum	98-1	2480.80	2658.03	2539.10	2559.31	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.73	501.36	490.74	490.95	2.10	ppb
Phosphorus	31-2	9208.97	11564.93	11120.32	10631.41	11.77	ppb
Potassium	39-2	122081.54	126338.60	121797.38	123405.84	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	441.60	601.69	465.87	503.05	17.15	ppb
Selenium	78-2	482.64	489.68	469.67	480.66	2.11	ppb
Selenium	82-1	495.35	521.49	493.43	503.42	3.11	ppb
Silicon	28-1	534.02	567.68	549.09	550.27	3.06	ppb
Silver	109-1	499.27	513.81	494.67	502.58	1.99	ppb
Silver	107-1	501.23	510.63	493.47	501.78	1.71	ppb
Sodium	23-2	244847.83	251942.19	246885.87	247891.96	1.47	ppb
Strontium	86-1	495.75	526.71	507.99	510.15	3.06	ppb
Strontium	88-1	510.63	535.86	513.94	520.14	2.64	ppb
Sulfur	34-1	10415.65	11163.70	10557.09	10712.15	3.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	521.87	538.20	512.20	524.09	2.51	ppb
Thallium	205-1	509.07	529.51	511.23	516.60	2.17	ppb
Tin	118-1	512.98	526.19	503.34	514.17	2.23	ppb
Titanium	47-1	2524.16	2640.13	2533.71	2566.00	2.51	ppb
Uranium	238-1	515.83	544.53	523.91	528.09	2.80	ppb
Vanadium	51-2	494.81	513.08	496.84	501.58	2.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	974.79	1003.53	988.29	988.87	1.45	ppb
Zirconium	90-1	504.25	530.27	509.47	514.67	2.67	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.17	514.71	501.06	501.98	2.45	ppb

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P8
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 17:53:33 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.22	-5.24	-1.09	-3.18		ppb
Antimony	121-1	0.28	0.29	0.32	0.30	7.18	ppb
Arsenic	75-2	-0.05	-0.02	0.03	-0.01		ppb
Barium	135-1	-0.01	-0.04	-0.01	-0.02		ppb
Barium	137-1	-0.07	-0.05	-0.05	-0.06		ppb
Beryllium	9-1	0.38	0.31	0.22	0.30	27.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.51	23.45	21.01	22.99	7.82	ppb
Boron	11-1	25.29	23.11	21.01	23.14	9.25	ppb
Cadmium	111-1	-0.07	-0.12	0.00	-0.06		ppb
Cadmium	106-1	-1.02	-1.41	0.30	-0.71		ppb
Cadmium	108-1	-0.07	-0.04	-0.11	-0.07		ppb
Calcium	43-1	-9.72	-11.22	-12.49	-11.14		ppb
Calcium	44-1	-3.31	-4.16	-3.49	-3.65		ppb
Chromium	52-2	-0.20	-0.06	-0.10	-0.12		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	-0.02	0.01	0.03	0.01	374.39	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.68	3.03	2.55	2.75	9.12	ppb
Iron	57-2	5.73	3.71	3.58	4.34	27.73	ppb
Lead	206-1	0.07	0.05	0.05	0.05	19.16	ppb
Lead	207-1	0.06	0.06	0.04	0.05	17.73	ppb
Lead	208-1	0.07	0.06	0.05	0.06	15.78	ppb
Lithium	6-1						%
Magnesium	24-2	21.72	22.15	22.14	22.00	1.11	ppb
Manganese	55-2	0.82	0.97	0.69	0.83	16.91	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:53:33	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.09	0.11	0.10	15.74	ppb
Molybdenum	95-1	0.10	0.11	0.13	0.11	13.12	ppb
Molybdenum	96-1	0.13	0.09	0.09	0.10	19.12	ppb
Molybdenum	97-1	0.12	0.09	0.09	0.10	17.73	ppb
Molybdenum	98-1	0.12	0.12	0.10	0.11	9.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.20	-0.12	-0.16		ppb
Phosphorus	31-2	-9.96	-9.96	-9.96	-9.96		ppb
Potassium	39-2	43.41	44.75	24.52	37.56	30.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.00	7.38	0.00	4.80	86.69	ppb
Selenium	78-2	3.73	0.51	2.66	2.30	71.35	ppb
Selenium	82-1	0.11	0.45	0.11	0.22	88.22	ppb
Silicon	28-1	-14.54	-11.63	-13.09	-13.09		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.47	ppb
Silver	107-1	0.02	0.02	0.02	0.02	26.96	ppb
Sodium	23-2	101.29	105.30	87.21	97.93	9.70	ppb
Strontium	86-1	0.00	-0.09	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-481.81	-344.49	-403.49	-409.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.09	0.11	0.11	13.02	ppb
Thallium	205-1	0.11	0.11	0.09	0.10	8.93	ppb
Tin	118-1	0.08	0.08	0.08	0.08	1.84	ppb
Titanium	47-1	0.10	0.04	-0.04	0.03	235.50	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.04	-0.02	-0.03		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.89	10.22	9.20	9.77	5.35	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	17.41	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:53:33	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.02	0.01	134.41	ppb

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:13:41	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	17	22	21.64	cps
Antimony	121-1	67	83	108	86	24.35	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	42	108	117	89	46.24	cps
Barium	137-1	258	167	233	219	21.59	cps
Beryllium	9-1	72	56	56	61	15.74	cps
Bismuth	209-1	4736779	4762364	4822152	4773765	0.92	cps
Bismuth	209-2	1008385	1038595	1043872	1030284	1.86	cps
Boron	10-1	192	108	100	133	38.02	cps
Boron	11-1	642	483	650	592	15.87	cps
Cadmium	111-1	755	808	605	722	14.58	cps
Cadmium	106-1	1000	1058	825	961	12.63	cps
Cadmium	108-1	17	0	21	13	88.19	cps
Calcium	43-1	658	800	817	758	11.47	cps
Calcium	44-1	10321	10755	10513	10529	2.06	cps
Chromium	52-2	303	287	383	324	15.93	cps
Cobalt	59-2	83	80	50	71	25.82	cps
Copper	63-2	167	130	150	149	12.33	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6843782	6964181	6959730	6922564	0.99	cps
Holmium	165-2	1221889	1266082	1267587	1251853	2.07	cps
Indium	115-1	5174292	5195979	5259394	5209888	0.85	cps
Indium	115-2	201164	203797	205101	203354	0.99	cps
Iron	56-2	1172	950	1161	1095	11.44	cps
Iron	57-2	17	6	28	17	66.65	cps
Lead	206-1	439	417	400	419	4.66	cps
Lead	207-1	406	367	350	374	7.62	cps
Lead	208-1	1661	1561	1578	1600	3.35	cps
Lithium	6-1	708910	714057	713594	712187	0.40	cps
Magnesium	24-2	267	258	283	269	4.72	cps
Manganese	55-2	27	10	17	18	47.19	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:13:41	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	167	192	197	17.08	cps
Molybdenum	95-1	142	158	100	133	22.53	cps
Molybdenum	96-1	233	242	200	225	9.80	cps
Molybdenum	97-1	92	117	100	103	12.39	cps
Molybdenum	98-1	233	233	200	222	8.66	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	350	433	377	387	11.01	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1709	1709	1925	1781	7.03	cps
Rhodium	103-1	4794159	4787272	4851484	4810971	0.73	cps
Rhodium	103-2	1147274	1170493	1179976	1165914	1.44	cps
Scandium	45-1	2603589	2626968	2617929	2616162	0.45	cps
Scandium	45-2	18743	19597	19253	19198	2.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-54	8	22	-8	-506.52	cps
Silicon	28-1	314573	312726	312756	313352	0.34	cps
Silver	109-1	58	67	33	53	32.88	cps
Silver	107-1	50	92	58	67	33.07	cps
Sodium	23-2	4076	4726	4267	4356	7.67	cps
Strontium	86-1	417	442	517	458	11.36	cps
Strontium	88-1	158	183	167	169	7.51	cps
Sulfur	34-1	320532	322609	322301	321814	0.35	cps
Terbium	159-1	7055559	7100784	7123656	7093333	0.49	cps
Terbium	159-2	1177326	1218052	1221008	1205462	2.03	cps
Thallium	203-1	408	358	317	361	12.71	cps
Thallium	205-1	775	758	975	836	14.42	cps
Tin	118-1	958	883	1058	967	9.08	cps
Titanium	47-1	25	100	125	83	62.45	cps
Uranium	238-1	667	875	883	808	15.19	cps
Vanadium	51-2	33	30	0	21	86.96	cps
Yttrium	89-1	5277576	5263510	5362769	5301285	1.01	cps
Yttrium	89-2	144608	148085	149131	147275	1.61	cps
Zinc	66-2	27	20	13	20	33.35	cps
Zirconium	90-1	242	317	375	311	21.48	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:13:41	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	50	117	92	39.63	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	200	125	52.92	cps
Antimony	121-1	14634	15134	15410	15059	2.61	cps
Arsenic	75-2	76	59	80	72	15.15	cps
Barium	135-1	15476	16302	15310	15696	3.39	cps
Barium	137-1	27605	27864	27605	27691	0.54	cps
Beryllium	9-1	800	783	672	752	9.24	cps
Bismuth	209-1	4816199	4766980	4814888	4799356	0.58	cps
Bismuth	209-2	1041089	1047016	1037255	1041787	0.47	cps
Boron	10-1	2025	2375	2175	2192	8.01	cps
Boron	11-1	10096	10238	9937	10090	1.49	cps
Cadmium	111-1	2207	2127	2330	2221	4.61	cps
Cadmium	106-1	1100	1042	1067	1070	2.74	cps
Cadmium	108-1	108	117	125	117	7.14	cps
Calcium	43-1	7419	7869	7119	7469	5.06	cps
Calcium	44-1	122758	125214	123942	123971	0.99	cps
Chromium	52-2	1580	1490	1490	1520	3.42	cps
Cobalt	59-2	1373	1307	1280	1320	3.64	cps
Copper	63-2	2440	2177	2147	2255	7.16	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	17	8	28	96.44	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	6812702	6770871	6729736	6771103	0.61	cps
Holmium	165-2	1263683	1273572	1261501	1266252	0.51	cps
Indium	115-1	5317460	5286089	5279734	5294428	0.38	cps
Indium	115-2	204653	206500	202599	204584	0.95	cps
Iron	56-2	19369	20504	19570	19815	3.06	cps
Iron	57-2	439	433	533	469	11.99	cps
Lead	206-1	5735	5585	5935	5752	3.05	cps
Lead	207-1	5012	5424	5140	5192	4.05	cps
Lead	208-1	22981	23187	23042	23070	0.46	cps
Lithium	6-1	713024	713450	719504	715326	0.51	cps
Magnesium	24-2	9829	10171	9404	9801	3.92	cps
Manganese	55-2	233	187	177	199	15.21	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12873	12073	12490	12478	3.21	cps
Molybdenum	95-1	15268	14967	14216	14817	3.65	cps
Molybdenum	96-1	16427	17337	16452	16739	3.09	cps
Molybdenum	97-1	9429	9545	8953	9309	3.37	cps
Molybdenum	98-1	24239	24214	23580	24011	1.56	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	833	740	663	746	11.42	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7210	6985	7210	7135	1.82	cps
Rhodium	103-1	4784643	4803966	4828596	4805735	0.46	cps
Rhodium	103-2	1163566	1183350	1165037	1170651	0.94	cps
Scandium	45-1	2640948	2615990	2627926	2628288	0.47	cps
Scandium	45-2	19113	19531	18643	19095	2.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	17	15	11	72.67	cps
Selenium	82-1	478	527	456	487	7.46	cps
Silicon	28-1	353951	350698	356053	353567	0.76	cps
Silver	109-1	7236	7236	7277	7250	0.33	cps
Silver	107-1	7527	7327	7744	7533	2.77	cps
Sodium	23-2	24898	25674	26000	25524	2.22	cps
Strontium	86-1	2275	2334	2192	2267	3.14	cps
Strontium	88-1	16861	17420	16394	16892	3.04	cps
Sulfur	34-1	320559	324986	325647	323730	0.85	cps
Terbium	159-1	7060777	6990788	6978486	7010017	0.63	cps
Terbium	159-2	1220266	1226842	1215132	1220747	0.48	cps
Thallium	203-1	6677	6827	6927	6810	1.85	cps
Thallium	205-1	16303	15727	15944	15991	1.82	cps
Tin	118-1	25892	26369	25233	25831	2.21	cps
Titanium	47-1	3401	3651	3692	3581	4.41	cps
Uranium	238-1	21261	21453	21445	21386	0.51	cps
Vanadium	51-2	2110	2160	1900	2057	6.71	cps
Yttrium	89-1	5287642	5274970	5247793	5270135	0.39	cps
Yttrium	89-2	147176	148194	148375	147915	0.44	cps
Zinc	66-2	257	220	240	239	7.68	cps
Zirconium	90-1	10321	9912	10455	10229	2.76	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:21:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2275	2342	2192	2270	3.31	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4084	3842	4226	4051	4.79	cps
Antimony	121-1	402071	399915	404525	402171	0.57	cps
Arsenic	75-2	3745	3749	3738	3744	0.15	cps
Barium	135-1	428891	429082	429308	429094	0.05	cps
Barium	137-1	747520	742553	746039	745371	0.34	cps
Beryllium	9-1	37984	38731	38146	38287	1.03	cps
Bismuth	209-1	4703127	4630451	4664515	4666031	0.78	cps
Bismuth	209-2	1026500	1020966	1040972	1029479	1.00	cps
Boron	10-1	4318	4484	4901	4568	6.58	cps
Boron	11-1	20999	21909	21091	21333	2.35	cps
Cadmium	111-1	86205	84260	83549	84671	1.62	cps
Cadmium	106-1	10071	9053	9079	9401	6.17	cps
Cadmium	108-1	5605	5947	5839	5797	3.01	cps
Calcium	43-1	74699	76224	74909	75277	1.10	cps
Calcium	44-1	1261189	1244897	1240142	1248743	0.88	cps
Chromium	52-2	29616	29478	29067	29387	0.97	cps
Cobalt	59-2	66193	65516	64907	65539	0.98	cps
Copper	63-2	115209	113670	114124	114334	0.69	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6653722	6636130	6613838	6634563	0.30	cps
Holmium	165-2	1254716	1245921	1262857	1254498	0.68	cps
Indium	115-1	5072287	5108524	5120766	5100526	0.49	cps
Indium	115-2	202550	200825	203047	202141	0.58	cps
Iron	56-2	992510	991681	995728	993306	0.22	cps
Iron	57-2	24622	25301	24177	24700	2.29	cps
Lead	206-1	284466	279476	280821	281588	0.92	cps
Lead	207-1	255042	256170	256453	255888	0.29	cps
Lead	208-1	1152256	1146146	1153784	1150728	0.35	cps
Lithium	6-1	694364	694762	695338	694822	0.07	cps
Magnesium	24-2	101426	103845	100236	101836	1.81	cps
Manganese	55-2	16693	16700	16920	16771	0.77	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	649564	647133	651491	649396	0.34	cps
Molybdenum	95-1	797912	795026	795495	796144	0.19	cps
Molybdenum	96-1	884272	881669	892285	886075	0.62	cps
Molybdenum	97-1	497635	495980	499158	497591	0.32	cps
Molybdenum	98-1	1288153	1289133	1300522	1292603	0.53	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18956	20128	19047	19377	3.36	cps
Phosphorus	31-2	258	242	242	247	3.89	cps
Potassium	39-2	30125	29231	29732	29696	1.51	cps
Rhodium	103-1	4616443	4668563	4675137	4653381	0.69	cps
Rhodium	103-2	1156136	1143551	1158083	1152590	0.68	cps
Scandium	45-1	2546605	2549337	2541922	2545955	0.15	cps
Scandium	45-2	18703	18416	19387	18835	2.65	cps
Selenium	77-2	33	30	17	27	33.06	cps
Selenium	78-2	80	94	104	93	13.12	cps
Selenium	82-1	4892	4865	5004	4920	1.50	cps
Silicon	28-1	465120	470741	468153	468005	0.60	cps
Silver	109-1	395286	393121	396372	394926	0.42	cps
Silver	107-1	413512	409993	417289	413598	0.88	cps
Sodium	23-2	233747	235271	229058	232692	1.39	cps
Strontium	86-1	99000	101519	102407	100975	1.75	cps
Strontium	88-1	882832	882111	888148	884364	0.37	cps
Sulfur	34-1	355166	357183	353977	355442	0.46	cps
Terbium	159-1	6838678	6757192	6778919	6791597	0.62	cps
Terbium	159-2	1209995	1200317	1212575	1207629	0.54	cps
Thallium	203-1	344207	346348	345004	345187	0.31	cps
Thallium	205-1	831441	823627	836559	830542	0.78	cps
Tin	118-1	280112	276913	280708	279244	0.73	cps
Titanium	47-1	186381	183181	182871	184144	1.06	cps
Uranium	238-1	1153514	1139508	1151535	1148186	0.66	cps
Vanadium	51-2	21450	21737	21654	21614	0.68	cps
Yttrium	89-1	5141636	5153949	5147065	5147550	0.12	cps
Yttrium	89-2	145280	144421	146254	145318	0.63	cps
Zinc	66-2	10117	10247	9824	10063	2.16	cps
Zirconium	90-1	540588	539204	541963	540585	0.26	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:25:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	120505	118386	120868	119920	1.12	cps

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 16:28:46 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9846	9795	10054	9898	1.39	cps
Antimony	121-1	993660	991354	989112	991375	0.23	cps
Arsenic	75-2	9112	9001	9148	9087	0.84	cps
Barium	135-1	1050984	1062131	1056704	1056606	0.53	cps
Barium	137-1	1864438	1862941	1858050	1861810	0.18	cps
Beryllium	9-1	93144	93094	93083	93107	0.04	cps
Bismuth	209-1	4746263	4741491	4661940	4716565	1.00	cps
Bismuth	209-2	1010235	1022271	1019688	1017398	0.62	cps
Boron	10-1	10638	11055	11180	10957	2.59	cps
Boron	11-1	50440	51351	51845	51212	1.39	cps
Cadmium	111-1	205362	206661	205619	205881	0.33	cps
Cadmium	106-1	21084	22194	21768	21682	2.58	cps
Cadmium	108-1	14546	14404	14320	14423	0.79	cps
Calcium	43-1	183601	184589	182293	183495	0.63	cps
Calcium	44-1	2979010	3009743	2988316	2992356	0.53	cps
Chromium	52-2	70282	71039	70172	70498	0.67	cps
Cobalt	59-2	158826	155399	155603	156609	1.23	cps
Copper	63-2	278398	276406	275631	276812	0.52	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	8	25	88.19	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6684674	6702516	6659618	6682269	0.32	cps
Holmium	165-2	1235823	1244316	1254492	1244877	0.75	cps
Indium	115-1	5143645	5151939	5140980	5145521	0.11	cps
Indium	115-2	196889	195979	197294	196721	0.34	cps
Iron	56-2	2447690	2442194	2402976	2430954	1.00	cps
Iron	57-2	60910	60983	59298	60397	1.58	cps
Lead	206-1	698061	699312	692554	696643	0.52	cps
Lead	207-1	633604	642923	629257	635261	1.10	cps
Lead	208-1	2850079	2878021	2838904	2855668	0.71	cps
Lithium	6-1	694210	693620	690477	692769	0.29	cps
Magnesium	24-2	243313	244763	242678	243585	0.44	cps
Manganese	55-2	40034	40897	39770	40233	1.46	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1629670	1644757	1597411	1623946	1.49	cps
Molybdenum	95-1	2014270	1995715	2013786	2007924	0.53	cps
Molybdenum	96-1	2261518	2247207	2246616	2251780	0.37	cps
Molybdenum	97-1	1235465	1225001	1215644	1225370	0.81	cps
Molybdenum	98-1	3220053	3236715	3172858	3209875	1.03	cps
Neodymium	150-1	13	33	40	29	48.05	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	46180	45525	45905	45870	0.72	cps
Phosphorus	31-2	767	717	708	731	4.32	cps
Potassium	39-2	66960	67655	66483	67033	0.88	cps
Rhodium	103-1	4661213	4685434	4649313	4665320	0.39	cps
Rhodium	103-2	1122387	1127065	1140011	1129821	0.81	cps
Scandium	45-1	2540879	2561706	2535484	2546023	0.54	cps
Scandium	45-2	18072	18125	18362	18186	0.85	cps
Selenium	77-2	50	63	73	62	18.82	cps
Selenium	78-2	224	213	209	215	3.58	cps
Selenium	82-1	12144	12298	12059	12167	1.00	cps
Silicon	28-1	701122	696689	700552	699455	0.34	cps
Silver	109-1	963138	962142	966217	963832	0.22	cps
Silver	107-1	1007122	1010066	1012400	1009863	0.26	cps
Sodium	23-2	557256	553131	549267	553218	0.72	cps
Strontium	86-1	247541	242883	250092	246838	1.48	cps
Strontium	88-1	2230284	2210191	2176204	2205560	1.24	cps
Sulfur	34-1	408795	407359	404769	406974	0.50	cps
Terbium	159-1	6859793	6906757	6783288	6849946	0.91	cps
Terbium	159-2	1190200	1196676	1204186	1197021	0.58	cps
Thallium	203-1	859776	864778	854097	859550	0.62	cps
Thallium	205-1	2070792	2095211	2085571	2083858	0.59	cps
Tin	118-1	677792	680193	681155	679713	0.25	cps
Titanium	47-1	445723	449543	447709	447658	0.43	cps
Uranium	238-1	2914927	2984817	2885300	2928348	1.74	cps
Vanadium	51-2	51762	52200	51799	51920	0.47	cps
Yttrium	89-1	5147414	5149018	5085031	5127154	0.71	cps
Yttrium	89-2	140298	142100	141790	141396	0.68	cps
Zinc	66-2	24706	25367	24712	24928	1.52	cps
Zirconium	90-1	1328285	1333872	1318711	1326956	0.58	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:28:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	294481	295961	292769	294403	0.54	cps

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 16:32:26 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19564	19790	19406	19586	0.98	cps
Antimony	121-1	2008631	2002731	2020310	2010557	0.44	cps
Arsenic	75-2	17767	17635	18056	17820	1.21	cps
Barium	135-1	2128843	2141652	2141401	2137299	0.34	cps
Barium	137-1	3715448	3735341	3681447	3710745	0.73	cps
Beryllium	9-1	182204	180084	180625	180971	0.61	cps
Bismuth	209-1	4746546	4756752	4768008	4757102	0.23	cps
Bismuth	209-2	1017948	970397	1005656	998000	2.47	cps
Boron	10-1	20749	21433	21292	21158	1.71	cps
Boron	11-1	96733	100006	102615	99785	2.95	cps
Cadmium	111-1	411806	407225	409648	409560	0.56	cps
Cadmium	106-1	42710	42485	41323	42173	1.77	cps
Cadmium	108-1	28242	28885	28689	28606	1.15	cps
Calcium	43-1	362610	362892	361984	362495	0.13	cps
Calcium	44-1	5880961	5892426	5908095	5893827	0.23	cps
Chromium	52-2	137281	137318	136245	136948	0.44	cps
Cobalt	59-2	306924	309216	307465	307868	0.39	cps
Copper	63-2	537529	539180	539261	538656	0.18	cps
Dysprosium	156-1	58	25	8	31	83.33	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	8	92	47	88.83	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	92	42	42	58	49.48	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	6785035	6669899	6825148	6760027	1.19	cps
Holmium	165-2	1239956	1190882	1240013	1223617	2.32	cps
Indium	115-1	5118279	5088023	5100877	5102393	0.30	cps
Indium	115-2	193063	183989	191257	189436	2.54	cps
Iron	56-2	4731754	4686681	4709334	4709256	0.48	cps
Iron	57-2	117821	117446	117732	117666	0.17	cps
Lead	206-1	1416458	1405850	1393785	1405364	0.81	cps
Lead	207-1	1287186	1279082	1274266	1280178	0.51	cps
Lead	208-1	5838391	5800856	5793774	5811007	0.41	cps
Lithium	6-1	690870	688749	690231	689950	0.16	cps
Magnesium	24-2	471799	470634	472951	471794	0.25	cps
Manganese	55-2	77818	78831	78814	78488	0.74	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:32:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259704	3186815	3203608	3216709	1.19	cps
Molybdenum	95-1	3954120	3932946	3899931	3928999	0.70	cps
Molybdenum	96-1	4401045	4367797	4411134	4393326	0.52	cps
Molybdenum	97-1	2545138	2507588	2524257	2525661	0.74	cps
Molybdenum	98-1	6288299	6304091	6261971	6284787	0.34	cps
Neodymium	150-1	73	60	87	73	18.18	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	89418	90139	89881	89813	0.41	cps
Phosphorus	31-2	1400	1250	1392	1347	6.26	cps
Potassium	39-2	131265	129592	132528	131128	1.12	cps
Rhodium	103-1	4614346	4606849	4587839	4603011	0.30	cps
Rhodium	103-2	1110173	1060788	1105802	1092255	2.50	cps
Scandium	45-1	2536264	2509024	2522555	2522614	0.54	cps
Scandium	45-2	17321	17448	17688	17486	1.07	cps
Selenium	77-2	100	130	120	117	13.09	cps
Selenium	78-2	426	391	415	411	4.38	cps
Selenium	82-1	24174	24017	24077	24089	0.33	cps
Silicon	28-1	1040700	1033424	1053476	1042533	0.97	cps
Silver	109-1	1970749	1959344	1987416	1972503	0.72	cps
Silver	107-1	2026380	2058706	2035490	2040192	0.82	cps
Sodium	23-2	1093793	1087659	1122255	1101236	1.68	cps
Strontium	86-1	496747	492250	494326	494441	0.46	cps
Strontium	88-1	4324104	4342705	4361085	4342631	0.43	cps
Sulfur	34-1	492394	489786	485740	489307	0.69	cps
Terbium	159-1	6963522	6945863	6929847	6946411	0.24	cps
Terbium	159-2	1198525	1140022	1197470	1178672	2.84	cps
Thallium	203-1	1765634	1762256	1758020	1761970	0.22	cps
Thallium	205-1	4179397	4181617	4189260	4183425	0.12	cps
Tin	118-1	1367818	1361903	1364774	1364832	0.22	cps
Titanium	47-1	880131	883021	892206	885119	0.71	cps
Uranium	238-1	5895939	5813633	5857161	5855577	0.70	cps
Vanadium	51-2	102635	102015	101514	102055	0.55	cps
Yttrium	89-1	5112526	5151020	5125896	5129814	0.38	cps
Yttrium	89-2	139358	132964	139308	137210	2.68	cps
Zinc	66-2	48093	47310	47394	47599	0.90	cps
Zirconium	90-1	2630811	2682655	2675756	2663074	1.06	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:32:26	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	591218	579737	583681	584879	1.00	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38035	38103	38871	38336	1.21	cps
Antimony	121-1	4036152	3966253	4009753	4004053	0.88	cps
Arsenic	75-2	35802	34814	35037	35218	1.47	cps
Barium	135-1	4267856	4249705	4294547	4270703	0.53	cps
Barium	137-1	7362637	7383899	7405857	7384131	0.29	cps
Beryllium	9-1	351342	353460	351313	352038	0.35	cps
Bismuth	209-1	4738396	4772130	4802699	4771075	0.67	cps
Bismuth	209-2	1012970	1011982	1005505	1010153	0.40	cps
Boron	10-1	41545	42414	43049	42336	1.78	cps
Boron	11-1	193101	198642	199409	197051	1.75	cps
Cadmium	111-1	817813	816224	814721	816253	0.19	cps
Cadmium	106-1	84843	84322	84489	84552	0.31	cps
Cadmium	108-1	57865	57911	58560	58112	0.67	cps
Calcium	43-1	712643	715699	715742	714695	0.25	cps
Calcium	44-1	11658354	11643674	11712245	11671424	0.31	cps
Chromium	52-2	266894	267420	267759	267358	0.16	cps
Cobalt	59-2	602812	601532	595633	599992	0.64	cps
Copper	63-2	1057908	1047609	1055932	1053816	0.52	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	83	42	17	47	71.32	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	6835515	6847744	6790170	6824477	0.44	cps
Holmium	165-2	1253251	1244409	1238399	1245353	0.60	cps
Indium	115-1	5152824	5137253	5108027	5132701	0.44	cps
Indium	115-2	191430	190056	189406	190297	0.54	cps
Iron	56-2	9189735	9125668	9119165	9144856	0.43	cps
Iron	57-2	230002	231457	229707	230389	0.41	cps
Lead	206-1	2852134	2818435	2877804	2849458	1.04	cps
Lead	207-1	2613022	2607366	2641685	2620691	0.70	cps
Lead	208-1	11656056	11626254	11817560	11699956	0.88	cps
Lithium	6-1	674101	676890	677615	676202	0.27	cps
Magnesium	24-2	922722	919602	917900	920075	0.27	cps
Manganese	55-2	154530	153468	153286	153762	0.44	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6387277	6400758	6363529	6383854	0.30	cps
Molybdenum	95-1	7753430	7877803	7825081	7818771	0.80	cps
Molybdenum	96-1	8747671	8797337	8708251	8751086	0.51	cps
Molybdenum	97-1	4935774	4992841	5006682	4978432	0.75	cps
Molybdenum	98-1	12454455	12684653	12627306	12588805	0.95	cps
Neodymium	150-1	133	187	133	151	20.38	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	174885	172909	175118	174304	0.70	cps
Phosphorus	31-2	2634	2425	2642	2567	4.78	cps
Potassium	39-2	255581	250194	252254	252676	1.08	cps
Rhodium	103-1	4556070	4564930	4620762	4580587	0.77	cps
Rhodium	103-2	1103851	1104895	1095867	1101538	0.45	cps
Scandium	45-1	2490488	2499947	2507446	2499294	0.34	cps
Scandium	45-2	17678	17361	17928	17656	1.61	cps
Selenium	77-2	263	183	240	229	17.97	cps
Selenium	78-2	852	850	835	846	1.08	cps
Selenium	82-1	48073	48096	47395	47855	0.83	cps
Silicon	28-1	1563980	1561677	1576658	1567438	0.51	cps
Silver	109-1	3896904	3895162	3827830	3873298	1.02	cps
Silver	107-1	4058209	4013356	4002969	4024845	0.73	cps
Sodium	23-2	2157729	2156306	2137958	2150664	0.51	cps
Strontium	86-1	982697	983666	984279	983547	0.08	cps
Strontium	88-1	8630308	8581343	8646045	8619232	0.39	cps
Sulfur	34-1	669715	668841	665747	668101	0.31	cps
Terbium	159-1	6975813	7065447	7017957	7019739	0.64	cps
Terbium	159-2	1203840	1200864	1195956	1200220	0.33	cps
Thallium	203-1	3529879	3499888	3531390	3520386	0.50	cps
Thallium	205-1	8273715	8292932	8300009	8288886	0.16	cps
Tin	118-1	2793492	2756251	2761585	2770442	0.73	cps
Titanium	47-1	1773078	1779525	1754401	1769001	0.74	cps
Uranium	238-1	11595027	11652029	11659627	11635561	0.30	cps
Vanadium	51-2	202789	199224	201276	201097	0.89	cps
Yttrium	89-1	5179761	5173595	5166711	5173356	0.13	cps
Yttrium	89-2	138557	139096	137928	138527	0.42	cps
Zinc	66-2	94274	93210	94368	93951	0.68	cps
Zirconium	90-1	5306892	5324862	5261948	5297901	0.61	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:36:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1182550	1177255	1177809	1179205	0.25	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75149	75517	75342	75336	0.24	cps
Antimony	121-1	7918755	7858963	7871929	7883215	0.40	cps
Arsenic	75-2	69646	69473	69384	69501	0.19	cps
Barium	135-1	8399379	8392996	8400749	8397708	0.05	cps
Barium	137-1	14564103	14714375	14663176	14647218	0.52	cps
Beryllium	9-1	679304	679808	676527	678546	0.26	cps
Bismuth	209-1	4756468	4727223	4752570	4745420	0.33	cps
Bismuth	209-2	993597	1000130	960678	984802	2.15	cps
Boron	10-1	81340	83308	83669	82772	1.51	cps
Boron	11-1	383122	391258	394034	389471	1.46	cps
Cadmium	111-1	1609970	1600342	1600414	1603575	0.35	cps
Cadmium	106-1	164500	165529	167091	165707	0.79	cps
Cadmium	108-1	112674	114250	113220	113381	0.71	cps
Calcium	43-1	1430655	1418330	1425314	1424766	0.43	cps
Calcium	44-1	23192359	23022778	22865693	23026943	0.71	cps
Chromium	52-2	523803	528702	529463	527323	0.58	cps
Cobalt	59-2	1181268	1174872	1179236	1178459	0.28	cps
Copper	63-2	2097592	2098064	2090999	2095552	0.19	cps
Dysprosium	156-1	83	75	117	92	24.05	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	23	0	3	9	142.00	cps
Holmium	165-1	6846982	6887410	6817358	6850583	0.51	cps
Holmium	165-2	1240002	1249010	1202473	1230495	2.01	cps
Indium	115-1	4978430	4993396	4986675	4986167	0.15	cps
Indium	115-2	182585	183669	174957	180403	2.63	cps
Iron	56-2	18125146	17943337	17963318	18010600	0.55	cps
Iron	57-2	452879	455520	455167	454522	0.32	cps
Lead	206-1	5592815	5612566	5595969	5600450	0.19	cps
Lead	207-1	5135166	5113604	5230206	5159659	1.20	cps
Lead	208-1	23066988	23033840	23157733	23086187	0.28	cps
Lithium	6-1	660622	660763	661343	660910	0.06	cps
Magnesium	24-2	1848799	1823575	1841183	1837852	0.70	cps
Manganese	55-2	303076	304070	302927	303357	0.20	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12672268	12804340	12607230	12694613	0.79	cps
Molybdenum	95-1	15531183	15554325	15579052	15554853	0.15	cps
Molybdenum	96-1	17352494	17388292	17359590	17366792	0.11	cps
Molybdenum	97-1	9824120	9774740	9871299	9823387	0.49	cps
Molybdenum	98-1	25120348	25058272	25228106	25135576	0.34	cps
Neodymium	150-1	327	347	413	362	12.53	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	339663	341879	342631	341391	0.45	cps
Phosphorus	31-2	5151	4959	5093	5068	1.94	cps
Potassium	39-2	493209	493886	496204	494433	0.32	cps
Rhodium	103-1	4524080	4518691	4559656	4534142	0.49	cps
Rhodium	103-2	1076804	1085011	1044597	1068804	2.00	cps
Scandium	45-1	2483439	2469390	2484321	2479050	0.34	cps
Scandium	45-2	17164	17808	17231	17401	2.04	cps
Selenium	77-2	437	433	457	442	2.85	cps
Selenium	78-2	1496	1478	1624	1533	5.20	cps
Selenium	82-1	93608	94098	93456	93721	0.36	cps
Silicon	28-1	2479230	2477222	2483763	2480072	0.14	cps
Silver	109-1	7500772	7568060	7508354	7525729	0.49	cps
Silver	107-1	7773147	7790288	7825961	7796466	0.35	cps
Sodium	23-2	4152616	4177344	4155549	4161837	0.32	cps
Strontium	86-1	1995363	2013740	1995301	2001468	0.53	cps
Strontium	88-1	17147058	17170033	16994286	17103792	0.56	cps
Sulfur	34-1	1039767	1032465	1031020	1034417	0.45	cps
Terbium	159-1	6995275	7082912	7030634	7036274	0.63	cps
Terbium	159-2	1190737	1199910	1150949	1180532	2.20	cps
Thallium	203-1	6844826	6908683	6840353	6864621	0.56	cps
Thallium	205-1	16409487	16474943	16435457	16439962	0.20	cps
Tin	118-1	5400544	5451088	5350598	5400744	0.93	cps
Titanium	47-1	3447568	3479441	3479576	3468862	0.53	cps
Uranium	238-1	23468727	23217205	23216057	23300663	0.62	cps
Vanadium	51-2	397058	399058	397147	397754	0.28	cps
Yttrium	89-1	5134403	5156450	5146109	5145654	0.21	cps
Yttrium	89-2	137130	135798	132255	135061	1.87	cps
Zinc	66-2	183388	180548	183675	182537	0.95	cps
Zirconium	90-1	10420093	10558668	10374565	10451109	0.92	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:39:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2380579	2375418	2359166	2371721	0.47	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371287	373820	378738	374615	1.01	cps
Antimony	121-1	10054	10054	10388	10165	1.89	cps
Arsenic	75-2	20	26	24	23	12.07	cps
Barium	135-1	2242	2492	2467	2400	5.74	cps
Barium	137-1	4209	4118	3984	4104	2.76	cps
Beryllium	9-1	406	433	367	402	8.33	cps
Bismuth	209-1	4422248	4444430	4439883	4435520	0.26	cps
Bismuth	209-2	930678	932656	927462	930265	0.28	cps
Boron	10-1	3834	4059	3384	3759	9.15	cps
Boron	11-1	19581	18004	16886	18157	7.46	cps
Cadmium	111-1	818	846	950	871	8.04	cps
Cadmium	106-1	842	933	1125	967	14.96	cps
Cadmium	108-1	25	17	29	24	26.95	cps
Calcium	43-1	6944993	6975513	6981485	6967330	0.28	cps
Calcium	44-1	113673636	114342153	115379007	114464932	0.75	cps
Chromium	52-2	12576	12763	12653	12664	0.74	cps
Cobalt	59-2	1697	1530	1497	1575	6.81	cps
Copper	63-2	3100	3170	3047	3106	1.99	cps
Dysprosium	156-1	117	92	83	97	17.84	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	6697685	6667549	6658868	6674701	0.31	cps
Holmium	165-2	1219321	1217774	1212154	1216416	0.31	cps
Indium	115-1	4786551	4854057	4927315	4855974	1.45	cps
Indium	115-2	183115	180767	181447	181776	0.66	cps
Iron	56-2	86376485	87448569	87278913	87034656	0.66	cps
Iron	57-2	2232017	2217345	2220586	2223316	0.35	cps
Lead	206-1	10327	9993	9837	10052	2.49	cps
Lead	207-1	8425	8509	8737	8557	1.88	cps
Lead	208-1	40020	38574	40165	39586	2.22	cps
Lithium	6-1	648652	658829	666498	657993	1.36	cps
Magnesium	24-2	8782680	8799182	8922782	8834882	0.87	cps
Manganese	55-2	1050	1040	1083	1058	2.14	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8928	8953	9412	9098	2.99	cps
Molybdenum	95-1	14225	14225	14508	14319	1.14	cps
Molybdenum	96-1	16344	16536	17095	16658	2.34	cps
Molybdenum	97-1	8128	8095	8453	8225	2.41	cps
Molybdenum	98-1	21793	21109	21918	21607	2.02	cps
Neodymium	150-1	107	73	60	80	30.05	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	5358	5348	4988	5231	4.03	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2422979	2434077	2469237	2442098	0.99	cps
Rhodium	103-1	4217227	4255235	4196467	4222976	0.71	cps
Rhodium	103-2	1021291	1015307	1013999	1016865	0.38	cps
Scandium	45-1	2394101	2445399	2438613	2426038	1.15	cps
Scandium	45-2	16830	16677	17297	16935	1.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	7	4	100.05	cps
Selenium	82-1	123	50	50	74	56.94	cps
Silicon	28-1	623402	643536	653320	640086	2.38	cps
Silver	109-1	417	525	533	492	13.24	cps
Silver	107-1	617	600	525	581	8.41	cps
Sodium	23-2	20353156	20397441	20461122	20403906	0.27	cps
Strontium	86-1	64771	64712	65408	64964	0.59	cps
Strontium	88-1	564766	562472	561154	562797	0.32	cps
Sulfur	34-1	275465	276566	278397	276809	0.54	cps
Terbium	159-1	6792123	6832968	6898792	6841294	0.79	cps
Terbium	159-2	1163943	1164512	1163497	1163984	0.04	cps
Thallium	203-1	3551	3792	3259	3534	7.56	cps
Thallium	205-1	8745	8011	7294	8017	9.05	cps
Tin	118-1	7894	7544	7377	7605	3.47	cps
Titanium	47-1	1017	992	908	972	5.83	cps
Uranium	238-1	1709	1650	1709	1689	1.99	cps
Vanadium	51-2	130	103	100	111	14.80	cps
Yttrium	89-1	4930258	4993060	4980796	4968038	0.67	cps
Yttrium	89-2	134851	133908	133854	134204	0.42	cps
Zinc	66-2	670	577	587	611	8.39	cps
Zirconium	90-1	2734	3076	3159	2989	7.54	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:42:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	558	708	656	12.86	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2092	1859	1934	1961	6.07	cps
Antimony	121-1	1473918	1487405	1468410	1476578	0.66	cps
Arsenic	75-2	13725	13357	13518	13533	1.37	cps
Barium	135-1	159120	160893	160724	160246	0.61	cps
Barium	137-1	279507	283257	280374	281046	0.70	cps
Beryllium	9-1	67854	68072	68206	68044	0.26	cps
Bismuth	209-1	4888935	4580712	4836680	4768776	3.46	cps
Bismuth	209-2	1022731	1012411	1022395	1019179	0.58	cps
Boron	10-1	48818	50088	48684	49196	1.58	cps
Boron	11-1	228177	232809	231500	230828	1.03	cps
Cadmium	111-1	159548	161339	161186	160691	0.62	cps
Cadmium	106-1	25817	25483	25592	25631	0.66	cps
Cadmium	108-1	13753	14629	14091	14158	3.12	cps
Calcium	43-1	30309	29398	30125	29944	1.61	cps
Calcium	44-1	473904	478308	472947	475053	0.60	cps
Chromium	52-2	51173	51344	51006	51174	0.33	cps
Cobalt	59-2	116979	116357	116670	116669	0.27	cps
Copper	63-2	102145	101672	102242	102020	0.30	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6818522	6349558	6699252	6622444	3.68	cps
Holmium	165-2	1237058	1232965	1240120	1236714	0.29	cps
Indium	115-1	5100447	4789236	5070474	4986719	3.44	cps
Indium	115-2	192131	191124	191160	191471	0.30	cps
Iron	56-2	359147	356947	352735	356276	0.91	cps
Iron	57-2	8714	9126	9192	9011	2.87	cps
Lead	206-1	1092268	1099249	1094546	1095355	0.33	cps
Lead	207-1	959056	965708	957190	960652	0.47	cps
Lead	208-1	4483017	4492456	4503451	4492975	0.23	cps
Lithium	6-1	714060	670825	705985	696957	3.30	cps
Magnesium	24-2	22360	21684	21859	21968	1.60	cps
Manganese	55-2	14865	14601	14965	14810	1.27	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2796989	2815798	2817025	2809937	0.40	cps
Molybdenum	95-1	1545272	1586099	1556592	1562654	1.35	cps
Molybdenum	96-1	1995027	2023059	2008097	2008727	0.70	cps
Molybdenum	97-1	944215	961419	948920	951518	0.93	cps
Molybdenum	98-1	2515814	2531982	2535563	2527786	0.42	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	35024	33571	34359	34318	2.12	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	21150	19598	21334	20694	4.61	cps
Rhodium	103-1	4673774	4402612	4679038	4585141	3.45	cps
Rhodium	103-2	1123085	1122777	1129463	1125109	0.34	cps
Scandium	45-1	2532701	2359311	2506403	2466138	3.79	cps
Scandium	45-2	18069	18078	18189	18112	0.37	cps
Selenium	77-2	97	137	60	98	39.22	cps
Selenium	78-2	291	278	287	285	2.34	cps
Selenium	82-1	18351	18271	18214	18279	0.38	cps
Silicon	28-1	1386116	1395382	1386051	1389183	0.39	cps
Silver	109-1	719656	731493	723412	724854	0.83	cps
Silver	107-1	755491	769032	764398	762974	0.90	cps
Sodium	23-2	86319	86638	86412	86457	0.19	cps
Strontium	86-1	955995	960272	959730	958666	0.24	cps
Strontium	88-1	8413584	8425928	8417048	8418853	0.08	cps
Sulfur	34-1	285362	282827	284509	284233	0.45	cps
Terbium	159-1	7056902	6519228	6879534	6818555	4.02	cps
Terbium	159-2	1190007	1193460	1185259	1189575	0.35	cps
Thallium	203-1	1360844	1371405	1367407	1366552	0.39	cps
Thallium	205-1	3331129	3345085	3331534	3335916	0.24	cps
Tin	118-1	2671848	2738030	2680489	2696789	1.33	cps
Titanium	47-1	346382	350199	343148	346576	1.02	cps
Uranium	238-1	12050886	12346454	12050210	12149184	1.41	cps
Vanadium	51-2	38236	38797	38537	38523	0.73	cps
Yttrium	89-1	5181784	4838397	5123694	5047958	3.64	cps
Yttrium	89-2	139248	137806	140252	139102	0.88	cps
Zinc	66-2	18509	18302	18129	18313	1.04	cps
Zirconium	90-1	5122923	5193387	5091815	5136042	1.01	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:51:47	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1135001	1144795	1139521	1139772	0.43	cps

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 16:55:08 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	1300	1567	1483	1450	9.41	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	8	17	42	22	78.07	cps
Barium	137-1	50	42	17	36	48.03	cps
Beryllium	9-1	228	250	172	217	18.49	cps
Bismuth	209-1	4585496	4707804	4777883	4690394	2.08	cps
Bismuth	209-2	1015691	1017008	1008656	1013785	0.44	cps
Boron	10-1	1358	1292	1375	1342	3.29	cps
Boron	11-1	6060	6160	5368	5863	7.36	cps
Cadmium	111-1	620	597	526	581	8.44	cps
Cadmium	106-1	833	833	758	808	5.36	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	608	608	600	606	0.79	cps
Calcium	44-1	9587	10421	9971	9993	4.18	cps
Chromium	52-2	297	313	290	300	4.01	cps
Cobalt	59-2	40	30	60	43	35.25	cps
Copper	63-2	93	150	117	120	23.73	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	8	25	25	66.68	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6516033	6701384	6690320	6635912	1.57	cps
Holmium	165-2	1229671	1224415	1225362	1226483	0.23	cps
Indium	115-1	4983109	5105594	5174009	5087571	1.90	cps
Indium	115-2	197155	192995	191713	193954	1.47	cps
Iron	56-2	1517	1461	1511	1496	2.04	cps
Iron	57-2	56	39	56	50	19.25	cps
Lead	206-1	378	472	422	424	11.14	cps
Lead	207-1	311	417	361	363	14.55	cps
Lead	208-1	1667	1761	1806	1745	4.07	cps
Lithium	6-1	682475	697238	699395	693036	1.33	cps
Magnesium	24-2	283	250	267	267	6.25	cps
Manganese	55-2	23	20	10	18	39.03	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:55:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	300	317	278	19.29	cps
Molybdenum	95-1	183	175	142	167	13.23	cps
Molybdenum	96-1	242	425	258	308	32.88	cps
Molybdenum	97-1	183	100	108	131	35.16	cps
Molybdenum	98-1	292	275	417	328	23.62	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	337	413	364	11.65	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1809	1800	1533	1714	9.13	cps
Rhodium	103-1	4503897	4644133	4631006	4593012	1.69	cps
Rhodium	103-2	1130140	1125012	1109591	1121581	0.95	cps
Scandium	45-1	2421850	2477458	2499489	2466266	1.62	cps
Scandium	45-2	17892	17668	17494	17685	1.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-56	7	26	-8	-571.56	cps
Silicon	28-1	284149	283693	282337	283393	0.33	cps
Silver	109-1	125	67	83	92	32.78	cps
Silver	107-1	92	83	150	108	33.53	cps
Sodium	23-2	5776	5835	5876	5829	0.86	cps
Strontium	86-1	458	400	550	469	16.11	cps
Strontium	88-1	125	192	192	169	22.71	cps
Sulfur	34-1	283321	278079	280743	280715	0.93	cps
Terbium	159-1	6782783	6856272	6898288	6845781	0.85	cps
Terbium	159-2	1173949	1178779	1169181	1173970	0.41	cps
Thallium	203-1	992	1033	825	950	11.60	cps
Thallium	205-1	1984	2234	1900	2039	8.51	cps
Tin	118-1	1150	1475	1450	1358	13.32	cps
Titanium	47-1	92	133	117	114	18.41	cps
Uranium	238-1	133	133	133	133	0.00	cps
Vanadium	51-2	7	10	23	13	66.12	cps
Yttrium	89-1	4981563	5097643	5149596	5076267	1.69	cps
Yttrium	89-2	138355	136480	137463	137433	0.68	cps
Zinc	66-2	17	23	20	20	16.65	cps
Zirconium	90-1	375	350	458	394	14.38	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:55:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	83	106	18.23	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372801	372959	369181	371647	0.58	cps
Antimony	121-1	9304	9821	9620	9582	2.72	cps
Arsenic	75-2	35	48	37	40	17.47	cps
Barium	135-1	2467	2700	2592	2586	4.52	cps
Barium	137-1	4509	4643	4518	4557	1.64	cps
Beryllium	9-1	367	344	428	380	11.37	cps
Bismuth	209-1	4791785	4808344	4799734	4799954	0.17	cps
Bismuth	209-2	1015982	962065	1003671	993906	2.84	cps
Boron	10-1	1067	1033	950	1017	5.91	cps
Boron	11-1	5134	5426	5068	5210	3.66	cps
Cadmium	111-1	1119	1158	1137	1138	1.72	cps
Cadmium	106-1	783	883	958	875	10.03	cps
Cadmium	108-1	846	813	971	876	9.52	cps
Calcium	43-1	1480142	1485967	1456368	1474159	1.06	cps
Calcium	44-1	23912269	23975423	24098339	23995344	0.39	cps
Chromium	52-2	11492	11445	11278	11405	0.98	cps
Cobalt	59-2	1440	1423	1517	1460	3.41	cps
Copper	63-2	8349	8419	8276	8348	0.86	cps
Dysprosium	156-1	33	33	8	25	57.75	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	75	50	92	72	29.04	cps
Gadolinium	160-2	27	3	20	17	72.13	cps
Holmium	165-1	6970365	6988490	7024185	6994347	0.39	cps
Holmium	165-2	1290826	1219750	1267813	1259463	2.88	cps
Indium	115-1	5227264	5297395	5260370	5261676	0.67	cps
Indium	115-2	200109	188796	194820	194575	2.91	cps
Iron	56-2	37966013	37370502	37383981	37573499	0.90	cps
Iron	57-2	952491	940560	945221	946091	0.64	cps
Lead	206-1	30264	29290	29240	29598	1.95	cps
Lead	207-1	23806	23706	23110	23541	1.60	cps
Lead	208-1	114045	112039	109703	111929	1.94	cps
Lithium	6-1	678167	686372	686216	683585	0.69	cps
Magnesium	24-2	1921412	1927837	1903835	1917695	0.65	cps
Manganese	55-2	1310	1273	1183	1256	5.19	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3559849	3525747	3577713	3554436	0.74	cps
Molybdenum	95-1	6223411	6249585	6268820	6247272	0.36	cps
Molybdenum	96-1	6690251	6728234	6802202	6740229	0.84	cps
Molybdenum	97-1	3990362	3970377	3973573	3978104	0.27	cps
Molybdenum	98-1	10153760	10076407	10063495	10097887	0.48	cps
Neodymium	150-1	33	60	7	33	79.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2080	2230	2317	2209	5.42	cps
Phosphorus	31-2	26376	25841	25741	25986	1.31	cps
Potassium	39-2	1057151	1047233	1033186	1045857	1.15	cps
Rhodium	103-1	4668983	4686440	4685675	4680366	0.21	cps
Rhodium	103-2	1123767	1074242	1112096	1103368	2.35	cps
Scandium	45-1	2588250	2595545	2588199	2590665	0.16	cps
Scandium	45-2	18362	17511	17608	17827	2.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	9	-34	-42	-22	-122.75	cps
Silicon	28-1	384764	383998	386283	385015	0.30	cps
Silver	109-1	583	542	575	567	3.89	cps
Silver	107-1	342	617	475	478	28.78	cps
Sodium	23-2	4358041	4289520	4326516	4324692	0.79	cps
Strontium	86-1	67811	69235	68774	68606	1.06	cps
Strontium	88-1	604936	591923	601717	599525	1.13	cps
Sulfur	34-1	1936139	1966760	1940481	1947793	0.85	cps
Terbium	159-1	7179406	7187961	7149788	7172385	0.28	cps
Terbium	159-2	1232042	1169730	1219028	1206933	2.72	cps
Thallium	203-1	1859	2134	1900	1964	7.55	cps
Thallium	205-1	4801	4943	4776	4840	1.86	cps
Tin	118-1	1967	2000	2300	2089	8.79	cps
Titanium	47-1	1470328	1465155	1458941	1464808	0.39	cps
Uranium	238-1	517	492	508	506	2.52	cps
Vanadium	51-2	63	77	27	56	46.60	cps
Yttrium	89-1	5301230	5384086	5368744	5351353	0.82	cps
Yttrium	89-2	146387	136186	142032	141535	3.62	cps
Zinc	66-2	1137	1083	1073	1098	3.10	cps
Zirconium	90-1	717	867	867	817	10.60	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 16:58:33	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	250	200	214	14.75	cps

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 17:01:52 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363598	363209	358737	361848	0.75	cps
Antimony	121-1	168997	168230	169648	168958	0.42	cps
Arsenic	75-2	1422	1489	1480	1464	2.47	cps
Barium	135-1	37705	37922	37930	37852	0.34	cps
Barium	137-1	64315	64650	65798	64921	1.20	cps
Beryllium	9-1	14858	14541	15231	14877	2.32	cps
Bismuth	209-1	4760354	4815018	4866221	4813864	1.10	cps
Bismuth	209-2	1007225	1005609	1003844	1005559	0.17	cps
Boron	10-1	992	850	892	911	7.99	cps
Boron	11-1	4126	3951	3951	4009	2.52	cps
Cadmium	111-1	33692	33092	32979	33254	1.15	cps
Cadmium	106-1	3942	3484	3676	3701	6.22	cps
Cadmium	108-1	2821	2784	2834	2813	0.93	cps
Calcium	43-1	1458956	1441912	1447628	1449499	0.60	cps
Calcium	44-1	23562069	23524316	23506514	23530966	0.12	cps
Chromium	52-2	22044	21083	22201	21776	2.78	cps
Cobalt	59-2	25938	25878	25731	25849	0.41	cps
Copper	63-2	28950	29351	28853	29052	0.91	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	33	42	25	33	25.00	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	83	42	42	56	43.30	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	7009748	7059194	7073250	7047398	0.47	cps
Holmium	165-2	1274936	1277790	1276062	1276263	0.11	cps
Indium	115-1	5232877	5310200	5301500	5281526	0.80	cps
Indium	115-2	195926	195964	192409	194767	1.05	cps
Iron	56-2	36501449	36371295	36387027	36419924	0.20	cps
Iron	57-2	921473	921012	919347	920610	0.12	cps
Lead	206-1	145670	147524	144573	145922	1.02	cps
Lead	207-1	121592	121049	123080	121907	0.86	cps
Lead	208-1	567992	566079	565458	566510	0.23	cps
Lithium	6-1	679129	681756	686270	682385	0.53	cps
Magnesium	24-2	1867169	1860458	1840015	1855880	0.76	cps
Manganese	55-2	4341	4287	4461	4363	2.04	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:01:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3530276	3531660	3497509	3519815	0.55	cps
Molybdenum	95-1	6215842	6205427	6186567	6202612	0.24	cps
Molybdenum	96-1	6637986	6586971	6557935	6594298	0.61	cps
Molybdenum	97-1	3935664	3962600	3927778	3942014	0.46	cps
Molybdenum	98-1	9893909	9896551	9920692	9903717	0.15	cps
Neodymium	150-1	40	40	33	38	10.19	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	9126	9053	9253	9144	1.11	cps
Phosphorus	31-2	26133	25131	26083	25783	2.19	cps
Potassium	39-2	999614	1011207	1002828	1004550	0.60	cps
Rhodium	103-1	4649009	4611431	4675976	4645472	0.70	cps
Rhodium	103-2	1120505	1110018	1103814	1111446	0.76	cps
Scandium	45-1	2560009	2610934	2546215	2572386	1.33	cps
Scandium	45-2	17741	18419	18029	18063	1.88	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	24	35	30	30	18.76	cps
Selenium	82-1	1962	1927	1977	1955	1.30	cps
Silicon	28-1	382722	381694	382558	382325	0.14	cps
Silver	109-1	149985	147256	148865	148702	0.92	cps
Silver	107-1	153834	153017	151638	152830	0.73	cps
Sodium	23-2	4178172	4183599	4189172	4183648	0.13	cps
Strontium	86-1	68196	67785	67694	67892	0.39	cps
Strontium	88-1	591255	593471	589934	591553	0.30	cps
Sulfur	34-1	1938994	1909634	1916014	1921547	0.80	cps
Terbium	159-1	7147846	7273730	7228355	7216644	0.88	cps
Terbium	159-2	1226210	1231891	1220402	1226168	0.47	cps
Thallium	203-1	144329	146477	145010	145272	0.76	cps
Thallium	205-1	348194	346302	347200	347232	0.27	cps
Tin	118-1	1717	1792	1700	1736	2.81	cps
Titanium	47-1	1456665	1431804	1443617	1444028	0.86	cps
Uranium	238-1	425	458	442	442	3.77	cps
Vanadium	51-2	7946	8079	8122	8049	1.14	cps
Yttrium	89-1	5318953	5338678	5321035	5326222	0.20	cps
Yttrium	89-2	143572	142335	140837	142248	0.96	cps
Zinc	66-2	3030	3094	3017	3047	1.34	cps
Zirconium	90-1	617	617	658	631	3.81	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:01:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	83	175	131	35.15	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195217	194482	192944	194214	0.60	cps
Antimony	121-1	4057885	4072722	4041806	4057471	0.38	cps
Arsenic	75-2	35280	35848	36097	35742	1.17	cps
Barium	135-1	4366112	4406526	4343702	4372113	0.73	cps
Barium	137-1	7560375	7574611	7536139	7557041	0.26	cps
Beryllium	9-1	361392	359085	362872	361116	0.53	cps
Bismuth	209-1	4741278	4820026	4831873	4797726	1.03	cps
Bismuth	209-2	958554	988728	996372	981218	2.04	cps
Boron	10-1	42221	44177	44203	43534	2.61	cps
Boron	11-1	199079	202368	206238	202562	1.77	cps
Cadmium	111-1	811742	804232	808626	808200	0.47	cps
Cadmium	106-1	83316	84841	86342	84833	1.78	cps
Cadmium	108-1	57167	57678	57920	57588	0.67	cps
Calcium	43-1	3544185	3601325	3614738	3586749	1.04	cps
Calcium	44-1	58527193	58813003	59180799	58840332	0.56	cps
Chromium	52-2	280750	283288	280620	281552	0.53	cps
Cobalt	59-2	604353	604331	604502	604395	0.02	cps
Copper	63-2	1037059	1035859	1046685	1039868	0.57	cps
Dysprosium	156-1	117	75	67	86	31.11	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	50	42	92	61	43.83	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	7051797	7021225	7027057	7033360	0.23	cps
Holmium	165-2	1226918	1264851	1285895	1259221	2.37	cps
Indium	115-1	5156164	5171701	5131959	5153275	0.39	cps
Indium	115-2	183527	188763	190040	187443	1.84	cps
Iron	56-2	45511275	45348816	45409177	45423089	0.18	cps
Iron	57-2	1147649	1145486	1152118	1148418	0.29	cps
Lead	206-1	2880477	2887427	2888047	2885317	0.15	cps
Lead	207-1	2666780	2665812	2674255	2668949	0.17	cps
Lead	208-1	11838043	11925170	11922271	11895161	0.42	cps
Lithium	6-1	683831	687411	685919	685720	0.26	cps
Magnesium	24-2	4680476	4679261	4665290	4675009	0.18	cps
Manganese	55-2	157792	158268	157358	157806	0.29	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6522953	6527881	6564223	6538352	0.34	cps
Molybdenum	95-1	8033175	8003132	8058719	8031675	0.35	cps
Molybdenum	96-1	8986327	8988856	8933580	8969587	0.35	cps
Molybdenum	97-1	5115857	5169996	5118894	5134916	0.59	cps
Molybdenum	98-1	12895627	12997962	13004403	12965997	0.47	cps
Neodymium	150-1	200	200	273	224	18.86	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	176402	176648	177390	176813	0.29	cps
Phosphorus	31-2	2825	2484	2517	2609	7.22	cps
Potassium	39-2	1277264	1319509	1292171	1296314	1.65	cps
Rhodium	103-1	4542219	4542765	4597633	4560872	0.70	cps
Rhodium	103-2	1044452	1079599	1095298	1073116	2.43	cps
Scandium	45-1	2557362	2545010	2534720	2545698	0.45	cps
Scandium	45-2	17394	17982	18262	17879	2.48	cps
Selenium	77-2	253	203	250	236	11.87	cps
Selenium	78-2	887	822	767	825	7.30	cps
Selenium	82-1	47530	48128	48358	48005	0.89	cps
Silicon	28-1	1584217	1601741	1619115	1601691	1.09	cps
Silver	109-1	3799149	3818036	3844515	3820566	0.60	cps
Silver	107-1	3945011	3966382	3946990	3952794	0.30	cps
Sodium	23-2	10838583	10864879	10849047	10850836	0.12	cps
Strontium	86-1	1034801	1036414	1033640	1034952	0.13	cps
Strontium	88-1	9108544	9034581	9103719	9082282	0.46	cps
Sulfur	34-1	681572	687320	681735	683542	0.48	cps
Terbium	159-1	7153878	7189002	7185588	7176156	0.27	cps
Terbium	159-2	1178819	1207414	1222639	1202957	1.85	cps
Thallium	203-1	3567423	3573039	3569384	3569948	0.08	cps
Thallium	205-1	8401484	8438415	8425049	8421649	0.22	cps
Tin	118-1	2779634	2828183	2785736	2797851	0.95	cps
Titanium	47-1	1821963	1806346	1803051	1810453	0.56	cps
Uranium	238-1	12114484	12120225	12053610	12096106	0.31	cps
Vanadium	51-2	207743	207553	207137	207478	0.15	cps
Yttrium	89-1	5316044	5317558	5271513	5301705	0.49	cps
Yttrium	89-2	135908	139423	141217	138849	1.94	cps
Zinc	66-2	92865	92321	93318	92834	0.54	cps
Zirconium	90-1	5435391	5447448	5407604	5430148	0.38	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:05:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1209257	1202995	1208347	1206866	0.28	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	8	8	100.02	cps
Antimony	121-1	2634	2875	2725	2745	4.45	cps
Arsenic	75-2	7	4	2	4	65.54	cps
Barium	135-1	42	25	50	39	32.73	cps
Barium	137-1	25	50	58	44	39.04	cps
Beryllium	9-1	250	322	283	285	12.67	cps
Bismuth	209-1	4950686	4717962	4870391	4846346	2.44	cps
Bismuth	209-2	1032605	1036374	1027643	1032207	0.42	cps
Boron	10-1	1617	1608	1492	1572	4.44	cps
Boron	11-1	8486	8019	7477	7994	6.32	cps
Cadmium	111-1	666	675	688	676	1.61	cps
Cadmium	106-1	858	908	917	895	3.53	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	633	633	633	633	0.00	cps
Calcium	44-1	10971	10780	11622	11124	3.97	cps
Chromium	52-2	297	290	243	277	10.50	cps
Cobalt	59-2	63	50	40	51	22.90	cps
Copper	63-2	133	187	190	170	18.70	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	8	50	25	88.19	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	6969310	6611195	6780085	6786863	2.64	cps
Holmium	165-2	1250512	1247383	1240549	1246148	0.41	cps
Indium	115-1	5374704	5058914	5208672	5214097	3.03	cps
Indium	115-2	195073	195370	196153	195532	0.29	cps
Iron	56-2	2350	2634	2406	2463	6.10	cps
Iron	57-2	56	56	44	52	12.37	cps
Lead	206-1	928	1067	861	952	11.02	cps
Lead	207-1	811	989	839	880	10.87	cps
Lead	208-1	3656	4162	3678	3832	7.46	cps
Lithium	6-1	710085	678860	701806	696917	2.32	cps
Magnesium	24-2	225	217	250	231	7.52	cps
Manganese	55-2	17	20	17	18	10.81	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	525	500	544	10.42	cps
Molybdenum	95-1	583	525	575	561	5.62	cps
Molybdenum	96-1	808	750	600	720	14.94	cps
Molybdenum	97-1	317	350	308	325	6.78	cps
Molybdenum	98-1	933	925	1017	958	5.29	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	427	347	370	13.33	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2059	2109	2042	2070	1.68	cps
Rhodium	103-1	4876344	4568138	4707788	4717423	3.27	cps
Rhodium	103-2	1134519	1134847	1136125	1135164	0.07	cps
Scandium	45-1	2550728	2409846	2495502	2485359	2.86	cps
Scandium	45-2	17558	17444	17798	17600	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-1	7	7	4	114.15	cps
Silicon	28-1	287634	286897	284245	286259	0.62	cps
Silver	109-1	283	300	258	281	7.48	cps
Silver	107-1	367	267	233	289	24.02	cps
Sodium	23-2	8103	8078	7544	7908	3.99	cps
Strontium	86-1	525	475	475	492	5.87	cps
Strontium	88-1	200	192	167	186	9.32	cps
Sulfur	34-1	287691	285617	287509	286939	0.40	cps
Terbium	159-1	7150626	6788376	7028638	6989213	2.64	cps
Terbium	159-2	1197857	1201425	1195544	1198276	0.25	cps
Thallium	203-1	2100	1809	1792	1900	9.13	cps
Thallium	205-1	4426	4326	3892	4215	6.73	cps
Tin	118-1	1500	1442	1375	1439	4.35	cps
Titanium	47-1	142	158	108	136	18.70	cps
Uranium	238-1	50	142	67	86	56.70	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	5276325	5020884	5134443	5143884	2.49	cps
Yttrium	89-2	138570	139120	137483	138391	0.60	cps
Zinc	66-2	33	10	10	18	75.77	cps
Zirconium	90-1	475	542	467	494	8.31	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:08:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	117	142	136	12.75	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	67	83	20.00	cps
Antimony	121-1	15393	16369	15209	15657	3.98	cps
Arsenic	75-2	102	69	69	80	24.17	cps
Barium	135-1	16528	16402	15301	16077	4.20	cps
Barium	137-1	28498	27864	27839	28067	1.33	cps
Beryllium	9-1	972	895	889	919	5.07	cps
Bismuth	209-1	4986144	5007830	4954489	4982821	0.54	cps
Bismuth	209-2	1041557	1037300	1040310	1039723	0.21	cps
Boron	10-1	2992	2675	2792	2820	5.68	cps
Boron	11-1	13440	12831	13373	13215	2.53	cps
Cadmium	111-1	2142	2187	2028	2119	3.87	cps
Cadmium	106-1	1083	1075	933	1031	8.18	cps
Cadmium	108-1	83	129	96	103	23.05	cps
Calcium	43-1	7436	7219	6985	7213	3.12	cps
Calcium	44-1	119379	119372	117590	118781	0.87	cps
Chromium	52-2	1250	1393	1337	1327	5.44	cps
Cobalt	59-2	1187	1130	1297	1205	7.04	cps
Copper	63-2	2164	1967	2154	2095	5.29	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	6923007	7007213	6924041	6951420	0.70	cps
Holmium	165-2	1254789	1249351	1259803	1254648	0.42	cps
Indium	115-1	5321981	5353709	5296003	5323897	0.54	cps
Indium	115-2	198214	196022	196925	197054	0.56	cps
Iron	56-2	19681	19887	19976	19848	0.76	cps
Iron	57-2	422	561	467	483	14.68	cps
Lead	206-1	6268	6252	6002	6174	2.42	cps
Lead	207-1	5729	5607	5507	5614	1.98	cps
Lead	208-1	25389	25472	24933	25264	1.15	cps
Lithium	6-1	704551	707377	706048	705992	0.20	cps
Magnesium	24-2	9003	8720	8720	8814	1.86	cps
Manganese	55-2	193	147	220	187	19.89	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12465	11806	12415	12228	3.00	cps
Molybdenum	95-1	14483	15026	14300	14603	2.58	cps
Molybdenum	96-1	16202	16627	16260	16363	1.41	cps
Molybdenum	97-1	9003	8928	9621	9184	4.14	cps
Molybdenum	98-1	23221	23546	22895	23221	1.40	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	673	807	729	9.52	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7427	6527	6794	6916	6.69	cps
Rhodium	103-1	4744946	4808527	4751919	4768464	0.73	cps
Rhodium	103-2	1146289	1134148	1137013	1139150	0.56	cps
Scandium	45-1	2509440	2532022	2533227	2524896	0.53	cps
Scandium	45-2	17755	17895	17641	17764	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	7	9	9	12.36	cps
Selenium	82-1	391	440	456	429	7.93	cps
Silicon	28-1	314745	317187	314539	315490	0.47	cps
Silver	109-1	7369	7694	7569	7544	2.17	cps
Silver	107-1	7744	7169	7919	7611	5.16	cps
Sodium	23-2	26550	26150	26050	26250	1.01	cps
Strontium	86-1	2225	2300	2017	2181	6.73	cps
Strontium	88-1	16536	16160	16285	16327	1.17	cps
Sulfur	34-1	289414	293600	292711	291908	0.76	cps
Terbium	159-1	7073380	7102900	7070374	7082218	0.25	cps
Terbium	159-2	1212913	1204399	1211497	1209603	0.38	cps
Thallium	203-1	8470	7961	7694	8042	4.90	cps
Thallium	205-1	18297	19149	18698	18715	2.28	cps
Tin	118-1	26561	26845	26845	26750	0.61	cps
Titanium	47-1	3542	3292	3176	3337	5.62	cps
Uranium	238-1	21361	21336	22246	21647	2.39	cps
Vanadium	51-2	1850	1897	1830	1859	1.84	cps
Yttrium	89-1	5274920	5258114	5250074	5261036	0.24	cps
Yttrium	89-2	139426	138796	138985	139069	0.23	cps
Zinc	66-2	223	277	223	241	12.77	cps
Zirconium	90-1	10896	10354	10863	10705	2.84	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:11:49	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2367	2234	2250	2284	3.18	cps

LB Number : LB93790 Operator : Jaswal
 Lab Sample ID : PB107090BL Instrumnet Name : P8
 Client Sample ID : PB107090BL Dilution Factor : 1
 Date & Time Acquired :: 2018-03-08 17:15:13 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	0	6	173.21	cps
Antimony	121-1	517	375	517	469	17.42	cps
Arsenic	75-2	6	0	4	3	91.69	cps
Barium	135-1	8	17	33	19	65.47	cps
Barium	137-1	42	33	42	39	12.38	cps
Beryllium	9-1	206	178	106	163	31.67	cps
Bismuth	209-1	4595795	4972124	4980651	4849524	4.53	cps
Bismuth	209-2	1038282	1032732	1039437	1036817	0.35	cps
Boron	10-1	742	833	817	797	6.13	cps
Boron	11-1	3734	3459	3526	3573	4.02	cps
Cadmium	111-1	570	606	720	632	12.32	cps
Cadmium	106-1	792	858	1025	892	13.48	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	550	425	458	478	13.55	cps
Calcium	44-1	10579	10296	10671	10515	1.86	cps
Chromium	52-2	293	270	250	271	8.00	cps
Cobalt	59-2	37	37	70	48	40.27	cps
Copper	63-2	153	97	130	127	22.48	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	0	58	33	90.14	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6425495	6927729	6872255	6741826	4.08	cps
Holmium	165-2	1240446	1237233	1253259	1243646	0.68	cps
Indium	115-1	4943916	5292785	5343641	5193447	4.19	cps
Indium	115-2	194603	193813	195816	194744	0.52	cps
Iron	56-2	1683	1700	1633	1672	2.07	cps
Iron	57-2	61	67	33	54	33.26	cps
Lead	206-1	606	678	578	620	8.32	cps
Lead	207-1	528	572	611	570	7.31	cps
Lead	208-1	2628	2472	2511	2537	3.19	cps
Lithium	6-1	664215	713567	707123	694969	3.86	cps
Magnesium	24-2	225	308	242	258	17.07	cps
Manganese	55-2	3	20	17	13	66.16	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BL	Instrumnet Name :	P8
Client Sample ID :	PB107090BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:15:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	342	208	236	40.14	cps
Molybdenum	95-1	58	117	117	97	34.64	cps
Molybdenum	96-1	133	175	192	167	18.03	cps
Molybdenum	97-1	58	108	58	75	38.49	cps
Molybdenum	98-1	175	200	142	172	16.99	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	400	303	349	13.92	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	1759	1825	1767	1784	2.04	cps
Rhodium	103-1	4431477	4814305	4749025	4664936	4.39	cps
Rhodium	103-2	1128310	1127579	1134987	1130292	0.36	cps
Scandium	45-1	2355400	2552628	2536765	2481598	4.42	cps
Scandium	45-2	17711	17234	17514	17487	1.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	59	-49	0	3	1546.15	cps
Silicon	28-1	277969	276873	280137	278326	0.60	cps
Silver	109-1	92	183	117	131	36.30	cps
Silver	107-1	133	150	242	175	33.33	cps
Sodium	23-2	6177	6293	6493	6321	2.53	cps
Strontium	86-1	333	433	433	400	14.43	cps
Strontium	88-1	175	175	208	186	10.34	cps
Sulfur	34-1	293183	287927	292366	291159	0.97	cps
Terbium	159-1	6702478	7161629	7069719	6977942	3.48	cps
Terbium	159-2	1195143	1187122	1200580	1194281	0.57	cps
Thallium	203-1	992	967	858	939	7.55	cps
Thallium	205-1	2009	2067	2242	2106	5.77	cps
Tin	118-1	1150	1042	975	1056	8.37	cps
Titanium	47-1	133	92	150	125	24.04	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	4840399	5228686	5194286	5087790	4.22	cps
Yttrium	89-2	138834	137733	139911	138826	0.78	cps
Zinc	66-2	17	30	30	26	30.11	cps
Zirconium	90-1	308	300	275	294	5.89	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BL	Instrumnet Name :	P8
Client Sample ID :	PB107090BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:15:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	83	58	64	27.15	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39021	38662	38612	38765	0.58	cps
Antimony	121-1	4075251	4106401	4067525	4083059	0.50	cps
Arsenic	75-2	35026	35369	35458	35284	0.65	cps
Barium	135-1	4372188	4387514	4399144	4386282	0.31	cps
Barium	137-1	7582001	7492982	7590536	7555173	0.72	cps
Beryllium	9-1	361661	356053	352305	356673	1.32	cps
Bismuth	209-1	4968450	4932697	4942949	4948032	0.37	cps
Bismuth	209-2	1031636	1026975	983630	1014080	2.61	cps
Boron	10-1	40416	42037	42447	41634	2.58	cps
Boron	11-1	194932	200210	200659	198600	1.60	cps
Cadmium	111-1	836262	829452	828002	831239	0.53	cps
Cadmium	106-1	88113	83952	85445	85837	2.46	cps
Cadmium	108-1	58916	58251	59359	58842	0.95	cps
Calcium	43-1	726088	723786	722785	724220	0.23	cps
Calcium	44-1	11825726	11861594	11873237	11853519	0.21	cps
Chromium	52-2	265439	267692	267953	267028	0.52	cps
Cobalt	59-2	601115	602654	598229	600666	0.37	cps
Copper	63-2	1049228	1051986	1051384	1050866	0.14	cps
Dysprosium	156-1	42	58	75	58	28.57	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	7026274	7051209	7013001	7030161	0.28	cps
Holmium	165-2	1274991	1263959	1209660	1249537	2.80	cps
Indium	115-1	5264159	5226333	5219840	5236777	0.46	cps
Indium	115-2	190098	188662	180877	186546	2.66	cps
Iron	56-2	9226330	9184984	9218647	9209987	0.24	cps
Iron	57-2	230219	231842	229960	230674	0.44	cps
Lead	206-1	2955066	2952565	2973854	2960495	0.39	cps
Lead	207-1	2745226	2686931	2742183	2724780	1.20	cps
Lead	208-1	12149889	12028135	12186031	12121352	0.68	cps
Lithium	6-1	707246	707413	707081	707247	0.02	cps
Magnesium	24-2	930553	926276	931072	929300	0.28	cps
Manganese	55-2	154189	155504	154402	154698	0.46	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6529732	6431742	6456288	6472587	0.79	cps
Molybdenum	95-1	8013241	7972282	7957536	7981020	0.36	cps
Molybdenum	96-1	8999073	8921631	8899524	8940076	0.58	cps
Molybdenum	97-1	5095504	5078655	5068598	5080919	0.27	cps
Molybdenum	98-1	12983012	12842525	12899406	12908314	0.55	cps
Neodymium	150-1	173	147	220	180	20.62	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	173526	175230	173995	174250	0.51	cps
Phosphorus	31-2	2492	2425	2617	2511	3.88	cps
Potassium	39-2	250226	253747	250921	251631	0.74	cps
Rhodium	103-1	4691274	4730865	4676364	4699501	0.60	cps
Rhodium	103-2	1111793	1102436	1054822	1089684	2.80	cps
Scandium	45-1	2554427	2586579	2533414	2558140	1.05	cps
Scandium	45-2	17912	17241	17127	17427	2.43	cps
Selenium	77-2	213	207	310	243	23.77	cps
Selenium	78-2	830	846	798	825	2.96	cps
Selenium	82-1	48709	48406	47887	48334	0.86	cps
Silicon	28-1	1755657	1771081	1778353	1768364	0.66	cps
Silver	109-1	3960401	3919318	3916306	3932008	0.63	cps
Silver	107-1	4095481	4064419	4084921	4081607	0.39	cps
Sodium	23-2	2186607	2180491	2166697	2177932	0.47	cps
Strontium	86-1	1001436	998688	1002204	1000776	0.18	cps
Strontium	88-1	8734835	8752975	8680103	8722638	0.43	cps
Sulfur	34-1	675963	663739	669196	669633	0.91	cps
Terbium	159-1	7211137	7221861	7214421	7215806	0.08	cps
Terbium	159-2	1220106	1218956	1161022	1200028	2.82	cps
Thallium	203-1	3627648	3616625	3612139	3618804	0.22	cps
Thallium	205-1	8587182	8524997	8585991	8566057	0.42	cps
Tin	118-1	2825207	2803029	2805941	2811392	0.43	cps
Titanium	47-1	1812549	1796048	1801647	1803415	0.47	cps
Uranium	238-1	12126314	12050255	12170721	12115763	0.50	cps
Vanadium	51-2	201185	200881	200513	200860	0.17	cps
Yttrium	89-1	5285879	5344825	5249616	5293440	0.91	cps
Yttrium	89-2	139766	139345	132282	137131	3.07	cps
Zinc	66-2	94022	94513	93650	94061	0.46	cps
Zirconium	90-1	5349157	5353846	5376007	5359670	0.27	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BS	Instrumnet Name :	P8
Client Sample ID :	PB107090BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:18:37	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1187434	1182342	1179949	1183242	0.32	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37041	37952	38361	37785	1.79	cps
Antimony	121-1	4023452	4016990	4017352	4019264	0.09	cps
Arsenic	75-2	34363	34604	34877	34615	0.74	cps
Barium	135-1	4292965	4264160	4299422	4285516	0.44	cps
Barium	137-1	7415098	7338379	7454564	7402681	0.80	cps
Beryllium	9-1	349075	348076	347325	348159	0.25	cps
Bismuth	209-1	4893671	4878718	4863280	4878556	0.31	cps
Bismuth	209-2	1002907	948001	1010963	987291	3.47	cps
Boron	10-1	43132	41068	41628	41943	2.54	cps
Boron	11-1	193599	198666	203103	198456	2.40	cps
Cadmium	111-1	815437	810418	813014	812956	0.31	cps
Cadmium	106-1	83710	85017	83894	84207	0.84	cps
Cadmium	108-1	56506	56706	57426	56879	0.85	cps
Calcium	43-1	705264	713125	699150	705846	0.99	cps
Calcium	44-1	11544182	11614425	11547969	11568859	0.34	cps
Chromium	52-2	260676	261192	263573	261813	0.59	cps
Cobalt	59-2	587725	581963	583134	584274	0.52	cps
Copper	63-2	1027464	1033056	1035643	1032054	0.41	cps
Dysprosium	156-1	0	67	50	39	89.22	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	0	17	13	10	88.20	cps
Holmium	165-1	6970908	6932962	6902858	6935576	0.49	cps
Holmium	165-2	1236335	1180185	1241239	1219253	2.78	cps
Indium	115-1	5157584	5105772	5109658	5124338	0.56	cps
Indium	115-2	186514	174329	187858	182900	4.08	cps
Iron	56-2	9009755	9010673	9003213	9007881	0.05	cps
Iron	57-2	226153	226969	226725	226616	0.18	cps
Lead	206-1	2895066	2877919	2914818	2895934	0.64	cps
Lead	207-1	2671806	2660810	2644297	2658971	0.52	cps
Lead	208-1	11884601	11829291	11946261	11886718	0.49	cps
Lithium	6-1	689274	689410	693349	690678	0.34	cps
Magnesium	24-2	903495	904853	910586	906311	0.42	cps
Manganese	55-2	148913	149206	149974	149365	0.37	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6384695	6322453	6370718	6359289	0.51	cps
Molybdenum	95-1	7826449	7803986	7778934	7803123	0.30	cps
Molybdenum	96-1	8696991	8646251	8736411	8693217	0.52	cps
Molybdenum	97-1	4983670	4941510	4954365	4959848	0.44	cps
Molybdenum	98-1	12669218	12516145	12497851	12561071	0.75	cps
Neodymium	150-1	193	213	133	180	23.13	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	169619	170000	170097	169905	0.15	cps
Phosphorus	31-2	2484	2375	2459	2439	2.33	cps
Potassium	39-2	244911	246269	247708	246296	0.57	cps
Rhodium	103-1	4597003	4602728	4603483	4601072	0.08	cps
Rhodium	103-2	1085101	1031260	1088918	1068426	3.02	cps
Scandium	45-1	2494026	2470671	2475956	2480218	0.49	cps
Scandium	45-2	17031	16620	17298	16983	2.01	cps
Selenium	77-2	203	237	260	233	12.21	cps
Selenium	78-2	813	822	772	803	3.31	cps
Selenium	82-1	47644	46885	47389	47306	0.82	cps
Silicon	28-1	1542177	1526335	1533790	1534101	0.52	cps
Silver	109-1	3855536	3846344	3889531	3863804	0.59	cps
Silver	107-1	4016053	3988102	4002828	4002328	0.35	cps
Sodium	23-2	2124883	2121965	2105040	2117296	0.51	cps
Strontium	86-1	988393	977853	987706	984650	0.60	cps
Strontium	88-1	8553341	8573494	8634552	8587129	0.49	cps
Sulfur	34-1	656307	650472	648616	651798	0.62	cps
Terbium	159-1	7111616	7131432	7177205	7140084	0.47	cps
Terbium	159-2	1189801	1125768	1198200	1171256	3.38	cps
Thallium	203-1	3604759	3573684	3533903	3570782	0.99	cps
Thallium	205-1	8509897	8415648	8429651	8451732	0.60	cps
Tin	118-1	2776178	2772508	2741625	2763437	0.69	cps
Titanium	47-1	1756107	1762114	1752588	1756936	0.27	cps
Uranium	238-1	11912917	11675330	12007099	11865115	1.44	cps
Vanadium	51-2	195879	194943	196767	195863	0.47	cps
Yttrium	89-1	5153650	5201608	5223216	5192825	0.69	cps
Yttrium	89-2	134477	127465	136699	132881	3.63	cps
Zinc	66-2	90784	91912	92187	91628	0.81	cps
Zirconium	90-1	5251900	5240743	5226935	5239860	0.24	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	PB107090BSD	Instrumnet Name :	P8
Client Sample ID :	PB107090BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:21:53	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1160834	1159565	1165505	1161968	0.27	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3401	3384	3409	3398	0.37	cps
Antimony	121-1	21760	22904	22437	22367	2.57	cps
Arsenic	75-2	900	967	930	932	3.58	cps
Barium	135-1	22612	23038	21518	22389	3.50	cps
Barium	137-1	39251	39410	40120	39594	1.17	cps
Beryllium	9-1	689	694	667	683	2.15	cps
Bismuth	209-1	4341091	4342485	4286758	4323444	0.74	cps
Bismuth	209-2	900416	915057	913162	909545	0.88	cps
Boron	10-1	194385	197119	197862	196455	0.93	cps
Boron	11-1	918758	931349	925268	925125	0.68	cps
Cadmium	111-1	20899	20118	20683	20567	1.96	cps
Cadmium	106-1	55842	54637	55774	55417	1.22	cps
Cadmium	108-1	37435	37210	37022	37222	0.56	cps
Calcium	43-1	648262	643561	641116	644313	0.56	cps
Calcium	44-1	10708335	10676229	10637768	10674110	0.33	cps
Chromium	52-2	17551	17401	17221	17391	0.95	cps
Cobalt	59-2	33858	33273	33323	33485	0.97	cps
Copper	63-2	8509	8653	8416	8526	1.40	cps
Dysprosium	156-1	39653	40731	40129	40171	1.35	cps
Dysprosium	156-2	9397	9447	9450	9431	0.32	cps
Erbium	164-1	57712	60090	59270	59024	2.05	cps
Erbium	164-2	10294	9790	9977	10021	2.54	cps
Gadolinium	160-1	48784	47663	47404	47950	1.53	cps
Gadolinium	160-2	11889	11682	11712	11761	0.95	cps
Holmium	165-1	6832643	6746795	6746120	6775186	0.73	cps
Holmium	165-2	1220181	1225388	1224989	1223519	0.24	cps
Indium	115-1	5025490	4903606	4930758	4953285	1.29	cps
Indium	115-2	185253	186324	182099	184559	1.19	cps
Iron	56-2	622907	617312	610356	616858	1.02	cps
Iron	57-2	15637	15798	15398	15611	1.29	cps
Lead	206-1	84597	84826	86481	85302	1.20	cps
Lead	207-1	70708	70679	71065	70817	0.30	cps
Lead	208-1	330964	334540	332738	332747	0.54	cps
Lithium	6-1	651737	638159	630613	640169	1.67	cps
Magnesium	24-2	82340777	81261923	80132923	81245207	1.36	cps
Manganese	55-2	40635885	39835125	39422641	39964551	1.54	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	53297	52929	50511	52246	2.90	cps
Molybdenum	95-1	57255	58109	57581	57648	0.75	cps
Molybdenum	96-1	59992	59941	59975	59969	0.04	cps
Molybdenum	97-1	32549	32381	33141	32690	1.22	cps
Molybdenum	98-1	85175	83498	83005	83893	1.36	cps
Neodymium	150-1	41867	42028	40282	41392	2.33	cps
Neodymium	150-2	4954	4694	4768	4805	2.79	cps
Nickel	60-2	27340	26983	26529	26951	1.51	cps
Phosphorus	31-2	417	442	475	444	6.59	cps
Potassium	39-2	46427	45290	45015	45578	1.64	cps
Rhodium	103-1	4460300	4332813	4324111	4372408	1.74	cps
Rhodium	103-2	1023590	1035557	1027004	1028717	0.60	cps
Scandium	45-1	2686639	2633059	2628588	2649429	1.22	cps
Scandium	45-2	18659	18502	18132	18431	1.47	cps
Selenium	77-2	30	17	37	28	36.66	cps
Selenium	78-2	22	22	17	20	15.73	cps
Selenium	82-1	521	506	606	544	9.91	cps
Silicon	28-1	2541501	2363168	2370544	2425071	4.16	cps
Silver	109-1	833	775	917	842	8.46	cps
Silver	107-1	8511	8662	8787	8653	1.59	cps
Sodium	23-2	329329	326545	325299	327058	0.63	cps
Strontium	86-1	233148	232048	230252	231816	0.63	cps
Strontium	88-1	2089562	2110900	2074318	2091593	0.88	cps
Sulfur	34-1	4513890	4396099	4388058	4432682	1.59	cps
Terbium	159-1	7009434	6908099	6799562	6905698	1.52	cps
Terbium	159-2	1169854	1175806	1172745	1172802	0.25	cps
Thallium	203-1	3309	2742	2767	2939	10.90	cps
Thallium	205-1	7386	6969	7177	7177	2.90	cps
Tin	118-1	5952	5960	6569	6160	5.74	cps
Titanium	47-1	39482	40318	38253	39351	2.64	cps
Uranium	238-1	62759	62826	62189	62591	0.56	cps
Vanadium	51-2	78867	77412	77107	77796	1.21	cps
Yttrium	89-1	7489336	7550504	7439326	7493055	0.74	cps
Yttrium	89-2	202697	202910	200180	201929	0.75	cps
Zinc	66-2	98828599	97597705	95622315	97349540	1.66	cps
Zirconium	90-1	62853	62930	60569	62117	2.16	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01	Instrumnet Name :	P8
Client Sample ID :	S20233-01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:25:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	14183	13424	14058	13888	2.93	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1959	1742	1803	7.53	cps
Antimony	121-1	11672	11647	12214	11845	2.71	cps
Arsenic	75-2	467	433	535	478	10.85	cps
Barium	135-1	11697	10988	11998	11561	4.48	cps
Barium	137-1	19857	20325	19749	19977	1.53	cps
Beryllium	9-1	444	389	406	413	6.90	cps
Bismuth	209-1	4410886	4371884	4412953	4398574	0.53	cps
Bismuth	209-2	934024	929830	918478	927444	0.87	cps
Boron	10-1	98613	99495	100979	99696	1.20	cps
Boron	11-1	481553	483991	490206	485250	0.92	cps
Cadmium	111-1	11253	11314	10476	11014	4.25	cps
Cadmium	106-1	29149	29867	28506	29174	2.33	cps
Cadmium	108-1	19110	19318	18905	19111	1.08	cps
Calcium	43-1	321616	318965	318338	319640	0.54	cps
Calcium	44-1	5309463	5300711	5320176	5310117	0.18	cps
Chromium	52-2	12669	12189	12082	12313	2.54	cps
Cobalt	59-2	17434	17034	17374	17281	1.25	cps
Copper	63-2	4701	4581	4494	4592	2.26	cps
Dysprosium	156-1	20417	20166	20325	20303	0.62	cps
Dysprosium	156-2	4721	4704	4568	4664	1.80	cps
Erbium	164-1	28833	29935	29518	29429	1.89	cps
Erbium	164-2	5004	5305	5031	5113	3.25	cps
Gadolinium	160-1	24566	23631	23990	24062	1.96	cps
Gadolinium	160-2	6122	5645	5721	5829	4.39	cps
Holmium	165-1	6825006	6811179	6828868	6821684	0.14	cps
Holmium	165-2	1238097	1229344	1216352	1227931	0.89	cps
Indium	115-1	4961820	5018046	5060713	5013527	0.99	cps
Indium	115-2	189194	189511	186757	188488	0.80	cps
Iron	56-2	327789	322737	324082	324869	0.81	cps
Iron	57-2	8564	7925	8286	8258	3.88	cps
Lead	206-1	42823	43425	42906	43051	0.76	cps
Lead	207-1	36091	36040	36508	36213	0.71	cps
Lead	208-1	170122	168878	169387	169462	0.37	cps
Lithium	6-1	644873	640942	646144	643987	0.42	cps
Magnesium	24-2	41407884	40870333	40988225	41088814	0.69	cps
Manganese	55-2	20421607	19978364	20260745	20220239	1.11	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27955	27529	27872	27785	0.81	cps
Molybdenum	95-1	31078	30945	31830	31284	1.53	cps
Molybdenum	96-1	33350	33183	33075	33203	0.42	cps
Molybdenum	97-1	18513	17979	17929	18141	1.79	cps
Molybdenum	98-1	46757	47032	47518	47102	0.82	cps
Neodymium	150-1	20704	21178	20290	20724	2.14	cps
Neodymium	150-2	2450	2710	2447	2536	5.96	cps
Nickel	60-2	15269	15382	15239	15296	0.49	cps
Phosphorus	31-2	150	142	258	183	35.50	cps
Potassium	39-2	23354	23178	23730	23420	1.20	cps
Rhodium	103-1	4435587	4423131	4418234	4425651	0.20	cps
Rhodium	103-2	1065898	1062525	1047613	1058679	0.92	cps
Scandium	45-1	2621632	2612690	2596962	2610428	0.48	cps
Scandium	45-2	18058	18529	18713	18433	1.83	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	196	237	257	230	13.56	cps
Silicon	28-1	1300957	1435884	1414127	1383656	5.24	cps
Silver	109-1	375	483	400	419	13.52	cps
Silver	107-1	4734	4584	4509	4609	2.49	cps
Sodium	23-2	171454	166454	168435	168781	1.49	cps
Strontium	86-1	115047	117570	118696	117104	1.60	cps
Strontium	88-1	1018460	1015419	1013415	1015765	0.25	cps
Sulfur	34-1	2468837	2446900	2405935	2440558	1.31	cps
Terbium	159-1	6974997	7035508	6948343	6986283	0.64	cps
Terbium	159-2	1184014	1177002	1169796	1176937	0.60	cps
Thallium	203-1	1458	1550	1625	1545	5.41	cps
Thallium	205-1	3926	3601	3467	3665	6.44	cps
Tin	118-1	4226	4309	4860	4465	7.71	cps
Titanium	47-1	20115	19314	19681	19703	2.04	cps
Uranium	238-1	31441	31792	30964	31399	1.32	cps
Vanadium	51-2	39623	39235	38536	39131	1.41	cps
Yttrium	89-1	6335216	6316029	6331211	6327485	0.16	cps
Yttrium	89-2	173850	172983	170794	172543	0.91	cps
Zinc	66-2	50115401	49386634	49325521	49609185	0.89	cps
Zirconium	90-1	30944	31312	30485	30914	1.34	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DLX2	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-08 17:28:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6702	6694	6752	6716	0.47	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	750	592	672	11.78	cps
Antimony	121-1	5601	5351	5643	5532	2.85	cps
Arsenic	75-2	220	222	169	204	14.97	cps
Barium	135-1	4834	4793	4359	4662	5.64	cps
Barium	137-1	8011	7578	7561	7717	3.31	cps
Beryllium	9-1	261	239	261	254	5.06	cps
Bismuth	209-1	4513445	4492846	4514815	4507035	0.27	cps
Bismuth	209-2	965789	898760	951392	938647	3.76	cps
Boron	10-1	41035	41837	40868	41247	1.26	cps
Boron	11-1	200371	202678	203371	202140	0.78	cps
Cadmium	111-1	5232	4947	5087	5089	2.80	cps
Cadmium	106-1	12982	12823	12807	12871	0.75	cps
Cadmium	108-1	7907	7994	7944	7948	0.55	cps
Calcium	43-1	131343	131158	130822	131108	0.20	cps
Calcium	44-1	2187731	2193165	2164283	2181727	0.70	cps
Chromium	52-2	7929	7969	7932	7943	0.28	cps
Cobalt	59-2	7375	7529	7129	7344	2.75	cps
Copper	63-2	1897	2017	2024	1979	3.60	cps
Dysprosium	156-1	7928	7853	7686	7822	1.58	cps
Dysprosium	156-2	1823	1920	1930	1891	3.12	cps
Erbium	164-1	11664	11456	11647	11589	1.00	cps
Erbium	164-2	2124	1950	1947	2007	5.04	cps
Gadolinium	160-1	9371	9295	9429	9365	0.71	cps
Gadolinium	160-2	2310	2344	2290	2315	1.16	cps
Holmium	165-1	6707248	6725623	6712579	6715150	0.14	cps
Holmium	165-2	1245668	1156167	1240932	1214256	4.15	cps
Indium	115-1	5070285	5102672	5093438	5088799	0.33	cps
Indium	115-2	196741	182923	195076	191580	3.94	cps
Iron	56-2	141902	142431	141442	141925	0.35	cps
Iron	57-2	3601	3767	3534	3634	3.31	cps
Lead	206-1	18058	18069	17418	17848	2.09	cps
Lead	207-1	15020	15237	14414	14891	2.87	cps
Lead	208-1	69854	69659	68564	69359	1.00	cps
Lithium	6-1	661129	657914	663511	660851	0.43	cps
Magnesium	24-2	17343573	17101451	17217598	17220874	0.70	cps
Manganese	55-2	8414277	8435507	8342897	8397560	0.58	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12573	11897	11981	12150	3.03	cps
Molybdenum	95-1	14367	14325	15084	14592	2.93	cps
Molybdenum	96-1	15026	15142	15476	15215	1.54	cps
Molybdenum	97-1	8011	8436	8170	8206	2.62	cps
Molybdenum	98-1	21451	21217	21660	21443	1.03	cps
Neodymium	150-1	8383	8643	8390	8472	1.75	cps
Neodymium	150-2	997	1073	1040	1037	3.71	cps
Nickel	60-2	7392	7365	7475	7411	0.77	cps
Phosphorus	31-2	83	117	108	103	16.88	cps
Potassium	39-2	11238	12047	11655	11647	3.47	cps
Rhodium	103-1	4565999	4580951	4572626	4573192	0.16	cps
Rhodium	103-2	1107303	1034555	1102462	1081440	3.76	cps
Scandium	45-1	2628809	2668358	2660078	2652415	0.79	cps
Scandium	45-2	19824	18483	19344	19217	3.54	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	11	9	2	7	66.16	cps
Selenium	82-1	159	114	222	165	32.89	cps
Silicon	28-1	772213	741113	750794	754707	2.11	cps
Silver	109-1	350	208	242	267	27.77	cps
Silver	107-1	1725	2084	1975	1928	9.53	cps
Sodium	23-2	74989	74503	75291	74928	0.53	cps
Strontium	86-1	45677	46848	47542	46689	2.02	cps
Strontium	88-1	409020	413083	406184	409429	0.85	cps
Sulfur	34-1	1246355	1236324	1239733	1240804	0.41	cps
Terbium	159-1	6968481	6945917	6938532	6950977	0.22	cps
Terbium	159-2	1204242	1110639	1186186	1167022	4.26	cps
Thallium	203-1	950	1042	933	975	5.98	cps
Thallium	205-1	2017	2025	2142	2061	3.39	cps
Tin	118-1	2500	2425	2550	2492	2.53	cps
Titanium	47-1	8320	8294	7786	8133	3.70	cps
Uranium	238-1	12532	12574	12315	12473	1.11	cps
Vanadium	51-2	16263	16166	16570	16333	1.29	cps
Yttrium	89-1	5746759	5711752	5716923	5725145	0.33	cps
Yttrium	89-2	160328	148679	158986	155997	4.09	cps
Zinc	66-2	20878899	20851085	20902300	20877428	0.12	cps
Zirconium	90-1	12673	11981	11589	12081	4.54	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	J1788-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	S20233-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-03-08 17:31:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2742	2867	2542	2717	6.03	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190977	189733	187742	189484	0.86	cps
Antimony	121-1	4029765	4022336	3990527	4014209	0.52	cps
Arsenic	75-2	34868	34627	34150	34548	1.06	cps
Barium	135-1	4295471	4284149	4241962	4273861	0.66	cps
Barium	137-1	7491753	7386552	7301459	7393255	1.29	cps
Beryllium	9-1	370152	365445	361089	365562	1.24	cps
Bismuth	209-1	4659814	4491972	4675842	4609209	2.21	cps
Bismuth	209-2	973974	979555	969449	974326	0.52	cps
Boron	10-1	42614	44253	44436	43768	2.29	cps
Boron	11-1	205956	209855	213448	209753	1.79	cps
Cadmium	111-1	793820	786323	793512	791218	0.54	cps
Cadmium	106-1	83283	80122	84087	82497	2.54	cps
Cadmium	108-1	56430	55991	56752	56391	0.68	cps
Calcium	43-1	3579633	3597157	3546457	3574416	0.72	cps
Calcium	44-1	58878997	59119785	58022593	58673792	0.98	cps
Chromium	52-2	272560	270376	268120	270352	0.82	cps
Cobalt	59-2	584813	581163	579493	581823	0.47	cps
Copper	63-2	1005138	996132	1000094	1000455	0.45	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	92	50	75	72	29.04	cps
Gadolinium	160-2	13	7	23	14	58.06	cps
Holmium	165-1	6896548	6631223	6778225	6768666	1.96	cps
Holmium	165-2	1254300	1243355	1240007	1245887	0.60	cps
Indium	115-1	5101819	4848414	5059857	5003364	2.71	cps
Indium	115-2	187413	184274	183769	185152	1.07	cps
Iron	56-2	44172801	44052659	43918847	44048102	0.29	cps
Iron	57-2	1116255	1099354	1103870	1106493	0.79	cps
Lead	206-1	2827829	2866724	2819055	2837869	0.89	cps
Lead	207-1	2619773	2635843	2669043	2641553	0.95	cps
Lead	208-1	11595863	11759619	11688245	11681242	0.70	cps
Lithium	6-1	673153	651549	679971	668224	2.22	cps
Magnesium	24-2	4565233	4531169	4538249	4544884	0.40	cps
Manganese	55-2	154183	151871	151288	152448	1.00	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6488461	6486221	6394845	6456509	0.83	cps
Molybdenum	95-1	7937633	7856945	7874279	7889619	0.54	cps
Molybdenum	96-1	8950647	8856915	8777435	8861665	0.98	cps
Molybdenum	97-1	5034225	5029475	5019896	5027865	0.15	cps
Molybdenum	98-1	12777302	12880756	12771504	12809854	0.48	cps
Neodymium	150-1	233	253	193	227	13.48	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	168907	170006	169091	169335	0.35	cps
Phosphorus	31-2	2400	2909	2842	2717	10.17	cps
Potassium	39-2	1255329	1253800	1228251	1245793	1.22	cps
Rhodium	103-1	4491346	4301484	4496389	4429740	2.51	cps
Rhodium	103-2	1065331	1054129	1053794	1057751	0.62	cps
Scandium	45-1	2584093	2449599	2508710	2514134	2.68	cps
Scandium	45-2	17825	17204	17481	17503	1.78	cps
Selenium	77-2	200	267	210	226	15.94	cps
Selenium	78-2	769	763	744	759	1.66	cps
Selenium	82-1	47809	47357	46510	47225	1.40	cps
Silicon	28-1	1585456	1579189	1574173	1579606	0.36	cps
Silver	109-1	3789004	3766578	3766293	3773958	0.35	cps
Silver	107-1	3943455	3880624	3894959	3906346	0.84	cps
Sodium	23-2	10519874	10447547	10402778	10456733	0.57	cps
Strontium	86-1	1012083	1011691	1012781	1012185	0.05	cps
Strontium	88-1	8966034	8852807	8813033	8877292	0.89	cps
Sulfur	34-1	711936	701696	696360	703331	1.13	cps
Terbium	159-1	7027564	6788279	7050311	6955385	2.09	cps
Terbium	159-2	1208905	1196692	1187438	1197678	0.90	cps
Thallium	203-1	3535771	3515016	3482211	3511000	0.77	cps
Thallium	205-1	8231396	8253353	8294736	8259828	0.39	cps
Tin	118-1	2786686	2761073	2743183	2763647	0.79	cps
Titanium	47-1	1829931	1814388	1783272	1809197	1.31	cps
Uranium	238-1	11791135	11998724	12017015	11935625	1.05	cps
Vanadium	51-2	201727	201888	198644	200753	0.91	cps
Yttrium	89-1	5272888	4961151	5149486	5127842	3.06	cps
Yttrium	89-2	137600	134649	136954	136401	1.14	cps
Zinc	66-2	91633	91050	91110	91264	0.35	cps
Zirconium	90-1	5416168	5358841	5344172	5373060	0.71	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:50:18	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1188255	1173992	1186244	1182830	0.65	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:53:33	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	2334	2392	2634	2453	6.49	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	75	25	75	58	49.49	cps
Barium	137-1	17	67	67	50	57.73	cps
Beryllium	9-1	333	289	217	280	21.06	cps
Bismuth	209-1	4901384	4912853	4872469	4895569	0.43	cps
Bismuth	209-2	1034998	1001525	1033706	1023410	1.85	cps
Boron	10-1	2267	2217	1967	2150	7.48	cps
Boron	11-1	10930	10237	9203	10124	8.58	cps
Cadmium	111-1	605	533	723	620	15.46	cps
Cadmium	106-1	792	733	1008	845	17.16	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	608	583	567	586	3.58	cps
Calcium	44-1	9654	9404	9604	9554	1.39	cps
Chromium	52-2	203	267	253	241	13.85	cps
Cobalt	59-2	50	37	70	52	32.12	cps
Copper	63-2	120	150	177	149	19.04	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6889281	6935323	6889412	6904672	0.38	cps
Holmium	165-2	1251633	1204557	1251692	1235961	2.20	cps
Indium	115-1	5228541	5304509	5275716	5269589	0.73	cps
Indium	115-2	201929	191892	200299	198040	2.72	cps
Iron	56-2	2089	2117	1989	2065	3.26	cps
Iron	57-2	72	50	50	57	22.35	cps
Lead	206-1	817	722	700	746	8.30	cps
Lead	207-1	711	694	611	672	7.97	cps
Lead	208-1	3250	3006	2800	3019	7.46	cps
Lithium	6-1	697896	711726	699847	703156	1.06	cps
Magnesium	24-2	683	658	675	672	1.89	cps
Manganese	55-2	150	167	127	148	13.60	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:53:33	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	425	492	472	8.71	cps
Molybdenum	95-1	458	492	550	500	9.28	cps
Molybdenum	96-1	675	550	558	594	11.76	cps
Molybdenum	97-1	350	292	283	308	11.78	cps
Molybdenum	98-1	825	833	733	797	6.96	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	320	287	323	310	6.54	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2192	2100	1942	2078	6.09	cps
Rhodium	103-1	4770981	4809377	4826478	4802278	0.59	cps
Rhodium	103-2	1157753	1117599	1153548	1142967	1.93	cps
Scandium	45-1	2600186	2588589	2598998	2595924	0.25	cps
Scandium	45-2	18609	17715	18165	18163	2.46	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	9	4	7	7	41.70	cps
Selenium	82-1	3	36	2	14	140.61	cps
Silicon	28-1	276482	282221	279854	279519	1.03	cps
Silver	109-1	175	233	208	206	14.24	cps
Silver	107-1	192	192	258	214	18.00	cps
Sodium	23-2	8761	8511	7936	8403	5.04	cps
Strontium	86-1	467	267	433	389	27.55	cps
Strontium	88-1	192	117	158	156	24.16	cps
Sulfur	34-1	301733	305589	304574	303965	0.66	cps
Terbium	159-1	7090147	7169497	7067766	7109137	0.75	cps
Terbium	159-2	1201398	1167913	1207098	1192136	1.78	cps
Thallium	203-1	1233	1042	1183	1153	8.62	cps
Thallium	205-1	2659	2692	2392	2581	6.37	cps
Tin	118-1	1425	1425	1408	1420	0.68	cps
Titanium	47-1	158	108	50	106	51.37	cps
Uranium	238-1	67	100	142	103	36.56	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	5309718	5344107	5287014	5313613	0.54	cps
Yttrium	89-2	144430	136992	143164	141529	2.81	cps
Zinc	66-2	990	973	900	954	5.02	cps
Zirconium	90-1	583	592	508	561	8.18	cps

LB Number :	LB93790	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-08 17:53:33	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	150	142	122	33.64	cps