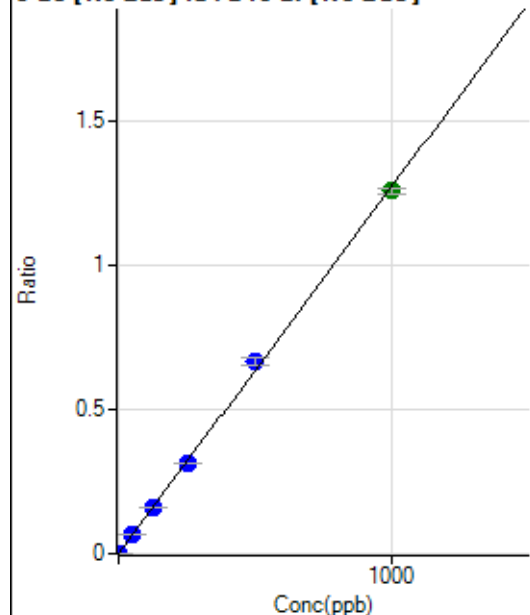


Batch Folder: D:\P8082417-MS.b\
Analysis File: P8082417-MS.batch.bin
DA Date-Time: 2017-08-24 15:25:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-24 13:53:14
2			
3	005CALS.d	S02	2017-08-24 14:00:27
4	006CALS.d	S03	2017-08-24 14:03:56
5	007CALS.d	S04	2017-08-24 14:07:23
6	008CALS.d	S05	2017-08-24 14:10:46
7	009CALS.d	S06	2017-08-24 14:14:02
8	010CALS.d	S07	2017-08-24 14:17:14
9	011CALS.d	S08	2017-08-24 14:20:21

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0001	P	22.5
2	☐	0.100					
3	☐	1.000	0.883	1385.29	0.0012	P	7.7
4	☐	50.000	50.890	73423.83	0.0649	P	1.8
5	☐	125.000	125.902	182455.67	0.1604	P	0.8
6	☐	250.000	246.392	359706.42	0.3139	P	0.9
7	☐	500.000	523.491	712754.33	0.6668	P	4.3
8	☐	1000.000	989.000	1430160.14	1.2597	A	1.7
9	☐			496.32	0.0005	P	7.6

$$y = 0.0013 * x + 9.3797E-005$$

$$R = 0.9996$$

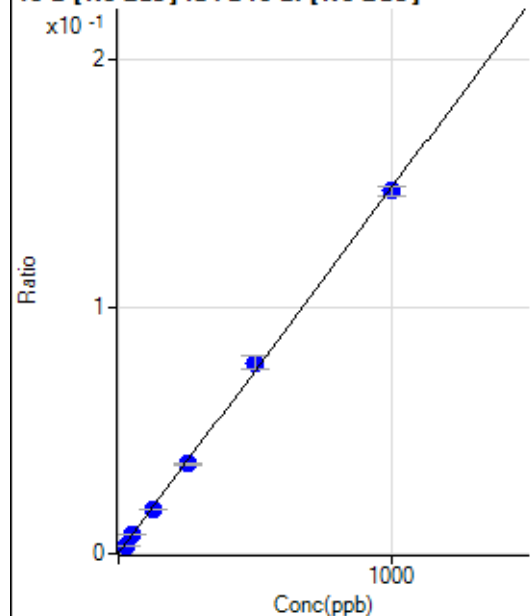
$$DL = 0.04972$$

$$BEC = 0.07365$$

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	205.57	0.0002	P	17.3
2	☐	2.500					
3	☐	25.000	20.746	3703.45	0.0033	P	5.5
4	☐	50.000	49.720	8539.01	0.0075	P	1.7
5	☐	125.000	120.634	20526.50	0.0181	P	1.9
6	☐	250.000	244.300	41672.86	0.0364	P	2.0
7	☐	500.000	521.107	82646.79	0.0774	P	7.1
8	☐	1000.000	991.538	166932.28	0.1470	P	2.5
9	☐			5417.91	0.0050	P	5.8

$$y = 1.4811E-004 * x + 1.8296E-004$$

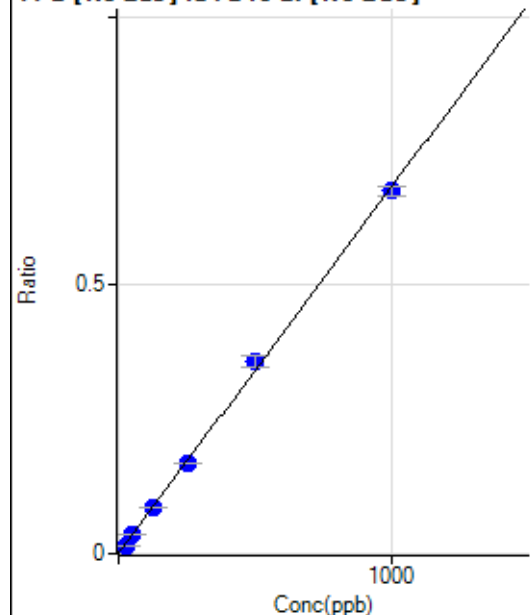
$$R = 0.9996$$

$$DL = 0.6414$$

$$BEC = 1.235$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	941.74	0.0008	P	11.8
2	☐	2.500					
3	☐	25.000	20.596	16932.88	0.0149	P	1.0
4	☐	50.000	49.173	38901.12	0.0344	P	1.0
5	☐	125.000	123.334	96660.64	0.0850	P	1.6
6	☐	250.000	245.481	192896.05	0.1683	P	1.1
7	☐	500.000	523.868	382856.26	0.3583	P	5.3
8	☐	1000.000	989.556	767460.69	0.6760	P	2.7
9	☐			25871.45	0.0237	P	8.9

$$y = 6.8232E-004 * x + 8.3667E-004$$

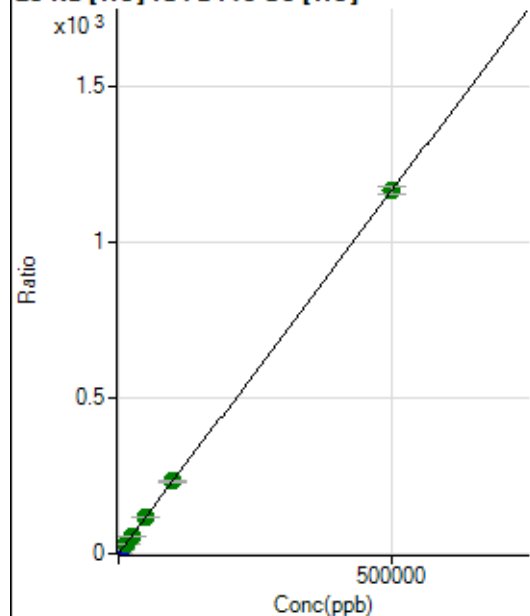
$$R = 0.9995$$

$$DL = 0.4353$$

$$BEC = 1.226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3825.68	0.0963	P	5.9
2	☐	50.000					
3	☐	500.000	442.278	46421.14	1.1268	P	1.5
4	☐	5000.000	4938.467	482786.87	11.6039	P	0.4
5	☐	12500.000	12588.706	1227827.52	29.4305	A	3.4
6	☐	25000.000	24882.487	2388357.63	58.0774	A	0.5
7	☐	50000.000	49840.059	4676146.41	116.2336	A	0.6
8	☐	100000.00	99392.520	9088173.38	231.7008	A	1.1
9	☐	500000.00	500141.82	45001386.08	1,165.527	A	2.3

$$y = 0.0023 * x + 0.0963$$

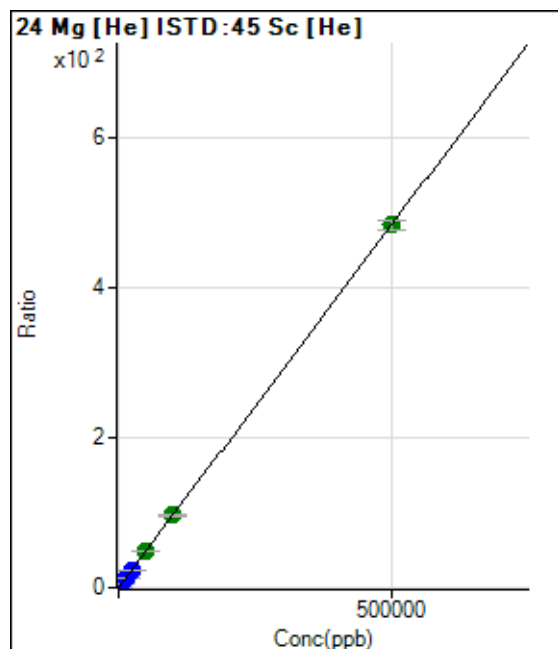
$$R = 1.0000$$

$$DL = 7.294$$

$$BEC = 41.31$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0046	P	18.9
2	☐	50.000					
3	☐	500.000	432.383	17411.27	0.4226	P	1.1
4	☐	5000.000	4914.245	197860.55	4.7556	P	1.2
5	☐	12500.000	12307.856	496691.63	11.9037	P	2.5
6	☐	25000.000	24580.124	977426.55	23.7683	P	0.4
7	☐	50000.000	50261.725	1955065.82	48.5969	A	0.5
8	☐	100000.00	100092.51	3795574.04	96.7725	A	1.7
9	☐	500000.00	499982.04	18663356.32	483.3794	A	2.3

$$y = 9.6678\text{E-}004 * x + 0.0046$$

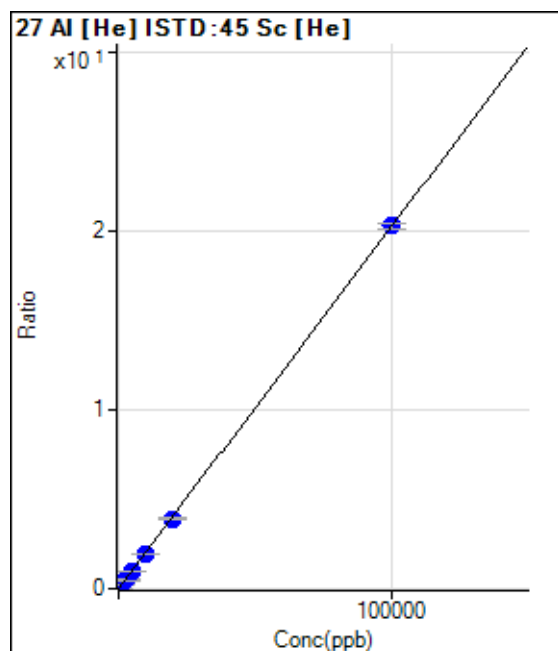
$$R = 1.0000$$

$$DL = 2.712$$

$$BEC = 4.784$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0002	P	101.
2	☐	2.000					
3	☐	20.000	16.628	147.23	0.0036	P	17.5
4	☐	1000.000	947.372	7977.59	0.1917	P	5.1
5	☐	2500.000	2400.756	20259.69	0.4856	P	3.1
6	☐	5000.000	4823.971	40110.62	0.9755	P	1.5
7	☐	10000.000	9729.353	79140.37	1.9672	P	0.4
8	☐	20000.000	19214.283	152354.12	3.8847	P	2.3
9	☐	100000.00	100196.01	782162.40	20.2567	P	1.8

$$y = 2.0217\text{E-}004 * x + 2.1295\text{E-}004$$

$$R = 1.0000$$

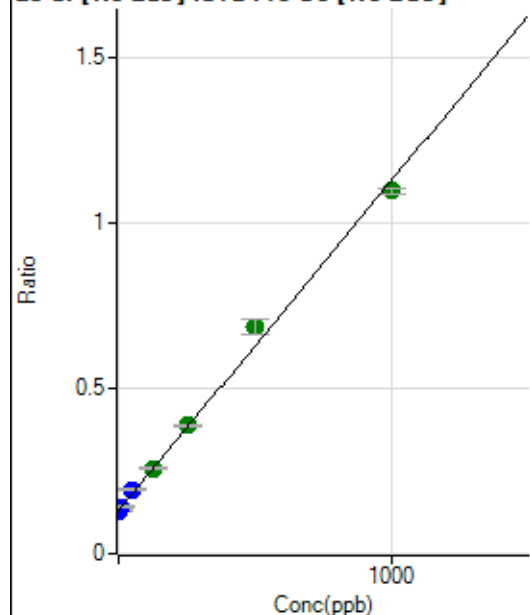
$$DL = 3.217$$

$$BEC = 1.053$$

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	533025.97	0.1302	P	1.2
2	☐	1.000					
3	☐	10.000	10.658	578043.59	0.1408	P	3.9
4	☐	50.000	64.233	795795.65	0.1943	P	0.6
5	☐	125.000	128.300	1067312.65	0.2582	A	0.7
6	☐	250.000	257.601	1601578.95	0.3871	A	0.8
7	☐	500.000	557.083	2652587.75	0.6857	A	6.4
8	☐	1000.000	968.428	4383000.40	1.0959	A	1.6
9	☐			1109913.89	0.2809	A	3.8

$$y = 9.9717\text{E-}004 * x + 0.1302$$

$$R = 0.9975$$

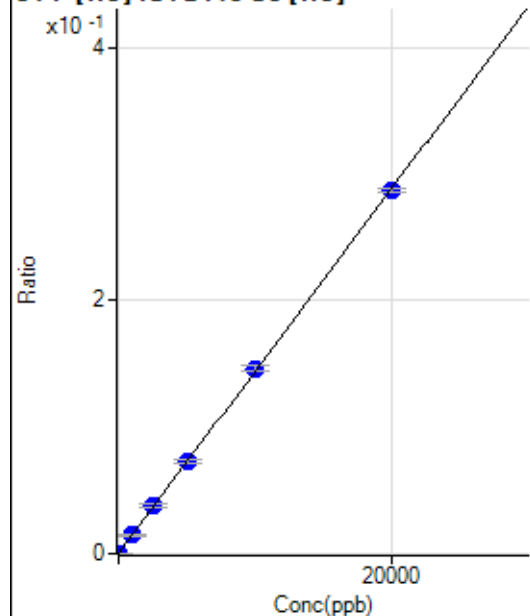
$$DL = 4.791$$

$$BEC = 130.6$$

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	0.349	8.33	0.0002	P	101.
2	☐	0.000					
3	☐	0.000	-0.349	8.33	0.0002	P	100.
4	☐	1000.000	1004.636	611.15	0.0147	P	15.6
5	☐	2500.000	2613.922	1580.72	0.0379	P	7.1
6	☐	5000.000	5080.096	3019.90	0.0734	P	4.6
7	☐	10000.000	10158.410	5898.69	0.1466	P	3.6
8	☐	20000.000	19886.299	11249.35	0.2868	P	1.0
9	☐			8.33	0.0002	P	100.

$$y = 1.4411\text{E-}005 * x + 2.0792\text{E-}004$$

$$R = 0.9999$$

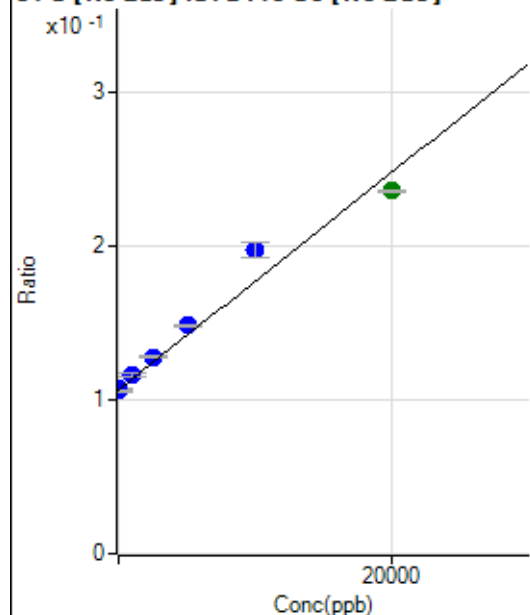
$$DL = 43.68$$

$$BEC = 14.43$$

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	70.312	437865.65	0.1070	P	0.2
2	☐	0.000					
3	☐	0.000	-70.312	435016.00	0.1060	P	1.4
4	☐	1000.000	1379.466	476051.82	0.1162	P	1.4
5	☐	2500.000	3015.963	528240.71	0.1278	P	1.1
6	☐	5000.000	5886.994	612553.79	0.1481	P	1.0
7	☐	10000.000	12812.201	762231.94	0.1970	P	5.0
8	☐	20000.000	18288.682	942460.34	0.2356	A	0.5
9	☐			425266.51	0.1076	P	0.5

$$y = 7.0620\text{E-}006 * x + 0.1065$$

$$R = 0.9831$$

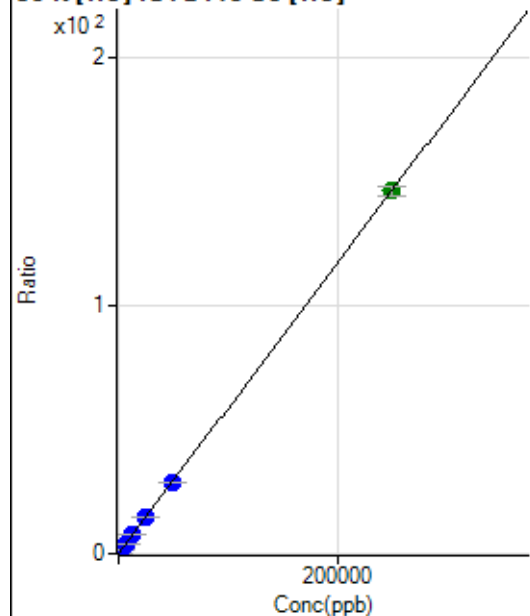
$$DL = 353.9$$

$$BEC = 1.508\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3667.28	0.0922	P	1.1
2	☐	50.000					
3	☐	500.000	459.380	14850.08	0.3605	P	1.6
4	☐	2500.000	2551.395	65823.80	1.5822	P	1.9
5	☐	6250.000	6407.700	159978.34	3.8343	P	3.0
6	☐	12500.000	12707.334	308974.26	7.5134	P	0.3
7	☐	25000.000	25057.774	592437.90	14.7262	P	0.7
8	☐	50000.000	48784.478	1121083.73	28.5829	P	1.5
9	☐	250000.00	250222.58	5645552.30	146.2250	A	2.7

$$y = 5.8401\text{E-}004 * x + 0.0922$$

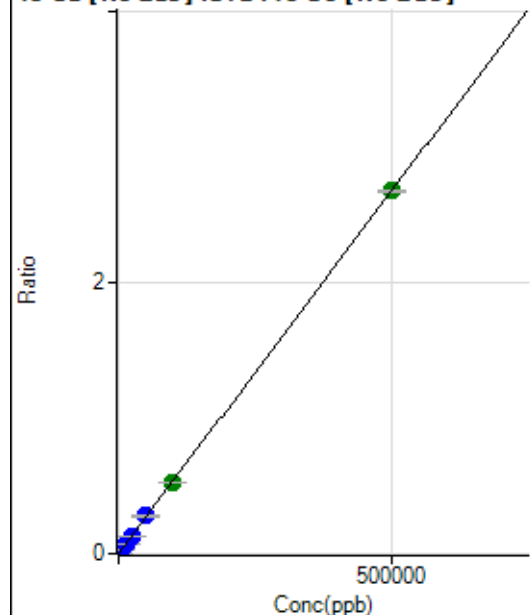
$$R = 1.0000$$

$$DL = 5.261$$

$$BEC = 157.8$$

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	2542.03	0.0006	P	8.7
2	☐	50.000					
3	☐	500.000	435.472	12105.73	0.0029	P	2.4
4	☐	5000.000	4947.196	110852.10	0.0271	P	2.2
5	☐	12500.000	12381.051	276147.92	0.0668	P	0.8
6	☐	25000.000	24461.232	543505.79	0.1314	P	0.8
7	☐	50000.000	51831.531	1074461.27	0.2777	P	5.2
8	☐	100000.00	98567.369	2109701.11	0.5274	A	0.6
9	☐	500000.00	500133.87	10566618.73	2.6737	A	0.4

$$y = 5.3448\text{E-}006 * x + 6.2108\text{E-}004$$

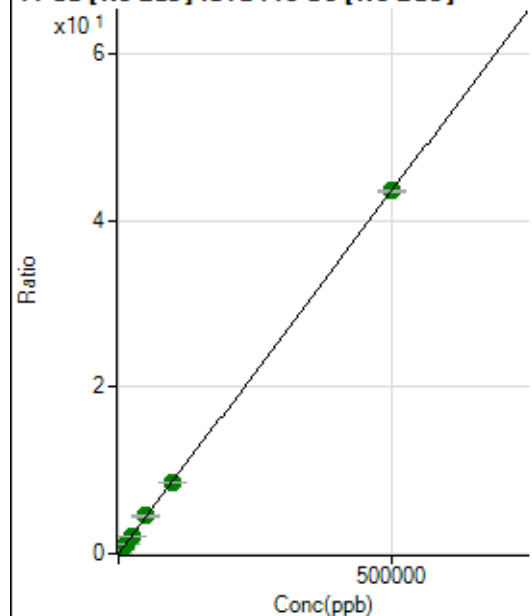
$$R = 1.0000$$

$$DL = 30.48$$

$$BEC = 116.2$$

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	46358.35	0.0113	P	0.7
2	☐	50.000					
3	☐	500.000	443.575	204880.69	0.0499	P	0.7
4	☐	5000.000	5084.247	1858020.09	0.4536	A	0.8
5	☐	12500.000	12409.751	4509796.06	1.0908	A	0.4
6	☐	25000.000	24557.712	8885395.51	2.1475	A	0.7
7	☐	50000.000	51716.791	17454536.33	4.5100	A	4.9
8	☐	100000.00	97934.237	34117715.00	8.5303	A	0.9
9	☐	500000.00	500265.05	172019719.1	43.5275	A	0.7

$$y = 8.6986\text{E-}005 * x + 0.0113$$

$$R = 1.0000$$

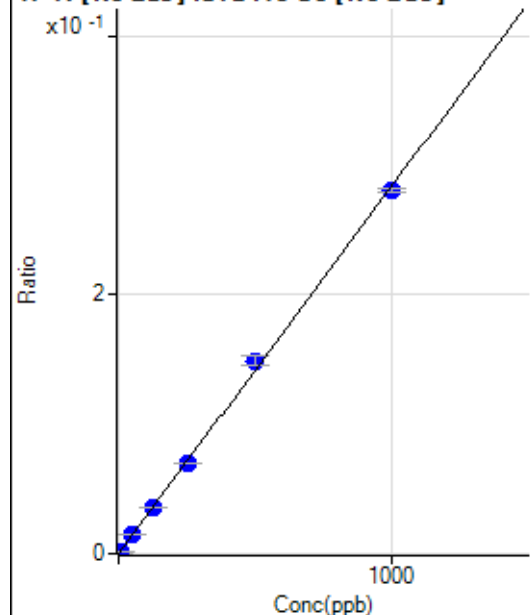
$$DL = 2.858$$

$$BEC = 130.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	4.191	5020.61	0.0012	P	1.7
4	☐	50.000	50.845	59172.85	0.0144	P	1.5
5	☐	125.000	126.024	147808.97	0.0357	P	0.9
6	☐	250.000	246.441	289107.33	0.0699	P	0.9
7	☐	500.000	525.360	576267.60	0.1489	P	5.3
8	☐	1000.000	988.044	1120057.71	0.2800	P	0.9
9	☐			1153.28	0.0003	P	26.3

$$y = 2.8339E-004 * x + 3.5294E-005$$

$$R = 0.9995$$

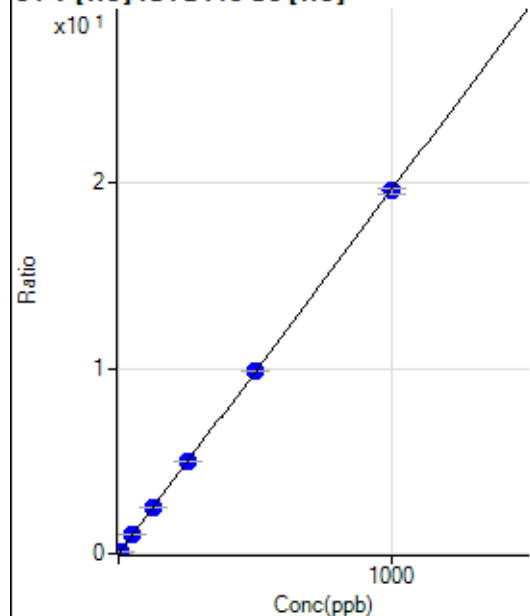
$$DL = 0.03349$$

$$BEC = 0.1245$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0008	P	43.1
2	☐	0.500					
3	☐	5.000	4.598	3747.23	0.0910	P	1.8
4	☐	50.000	50.817	41505.95	0.9976	P	1.3
5	☐	125.000	127.523	104417.72	2.5024	P	2.3
6	☐	250.000	253.649	204641.78	4.9766	P	0.8
7	☐	500.000	502.877	396908.38	9.8657	P	0.5
8	☐	1000.000	997.295	767388.25	19.5646	P	1.2
9	☐			290.01	0.0075	P	4.1

$$y = 0.0196 * x + 7.5996E-004$$

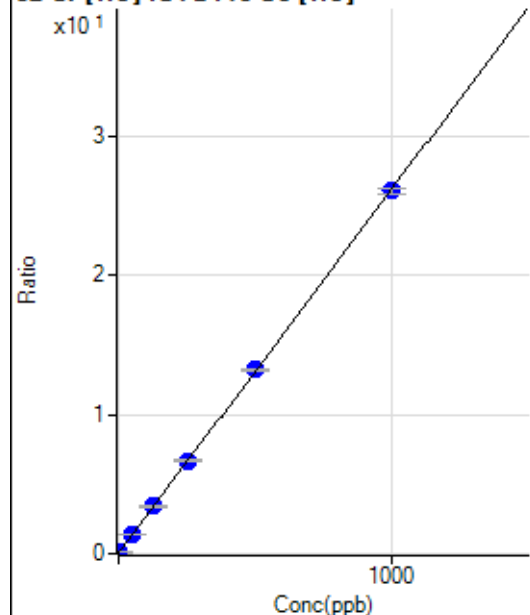
$$R = 1.0000$$

$$DL = 0.05012$$

$$BEC = 0.03874$$

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	1051.17	0.0264	P	6.7
2	☐	0.200					
3	☐	2.000	1.928	3165.97	0.0769	P	3.5
4	☐	50.000	50.898	56471.36	1.3574	P	1.2
5	☐	125.000	128.941	141772.39	3.3981	P	3.2
6	☐	250.000	254.649	274905.65	6.6852	P	0.6
7	☐	500.000	503.991	531242.34	13.2051	P	0.6
8	☐	1000.000	996.305	1022856.61	26.0784	P	1.4
9	☐			4729.76	0.1225	P	3.6

$$y = 0.0261 * x + 0.0264$$

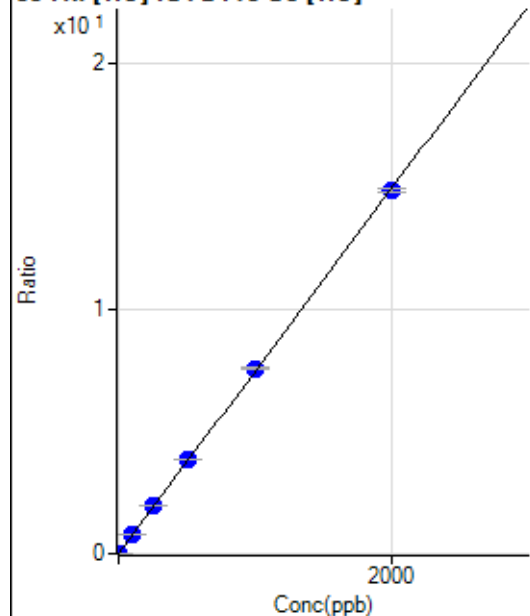
$$R = 1.0000$$

$$DL = 0.2025$$

$$BEC = 1.011$$

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	72.22	0.0018	P	7.9
2	☐	0.100					
3	☐	1.000	0.932	361.12	0.0088	P	7.1
4	☐	100.000	104.470	32483.41	0.7808	P	1.0
5	☐	250.000	263.032	81904.97	1.9630	P	2.8
6	☐	500.000	518.039	158907.08	3.8644	P	0.8
7	☐	1000.000	1011.990	303632.59	7.5473	P	1.0
8	☐	2000.000	1987.643	581367.60	14.8219	P	1.1
9	☐			1564.56	0.0405	P	5.5

$$y = 0.0075 * x + 0.0018$$

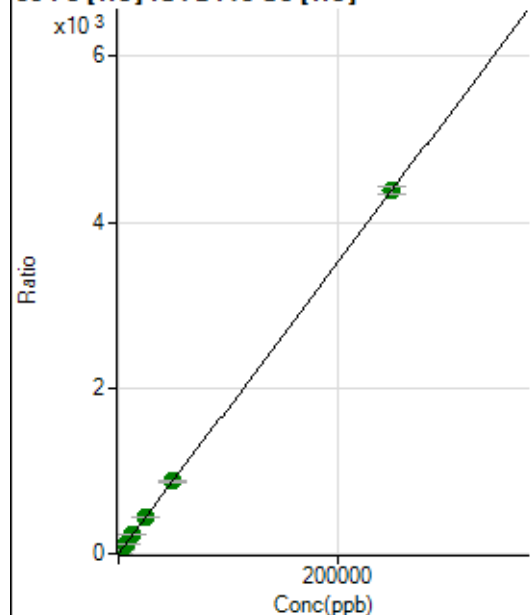
$$R = 0.9999$$

$$DL = 0.0574$$

$$BEC = 0.2436$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2226.17	0.0560	P	5.1
2	☐	5.000					
3	☐	50.000	46.081	35553.27	0.8630	P	0.8
4	☐	2500.000	2620.279	1911521.41	45.9445	A	0.5
5	☐	6250.000	6461.108	4723598.54	113.2082	A	2.7
6	☐	12500.000	12794.555	9216548.01	224.1248	A	0.6
7	☐	25000.000	25245.222	17788797.16	442.1711	A	0.3
8	☐	50000.000	49780.576	34194884.33	871.8545	A	1.8
9	☐	250000.00	249998.15	169046029.7	4,378.229	A	2.2

$$y = 0.0175 * x + 0.0560$$

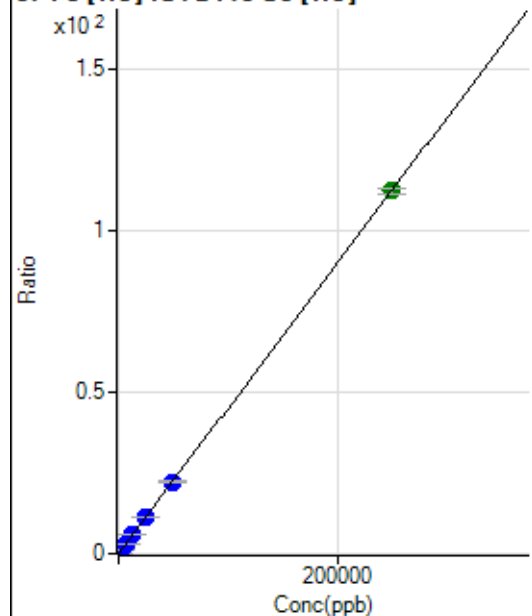
$$R = 1.0000$$

$$DL = 0.4902$$

$$BEC = 3.198$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.71	0.0013	P	66.0
2	☐	5.000					
3	☐	50.000	43.745	863.02	0.0209	P	4.9
4	☐	2500.000	2557.973	47767.37	1.1481	P	2.1
5	☐	6250.000	6393.507	119661.10	2.8675	P	2.0
6	☐	12500.000	12675.019	233713.59	5.6835	P	0.9
7	☐	25000.000	25114.129	452994.46	11.2600	P	0.4
8	☐	50000.000	49548.576	871317.97	22.2140	P	1.1
9	☐	250000.00	250065.95	4328892.95	112.1059	A	1.3

$$y = 4.4830E-004 * x + 0.0013$$

$$R = 1.0000$$

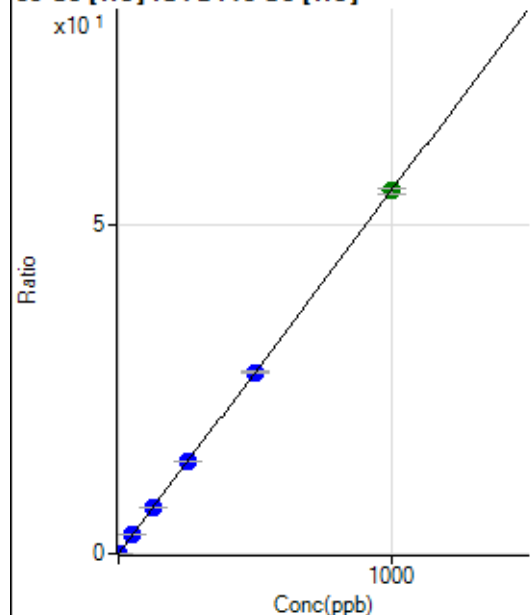
$$DL = 5.889$$

$$BEC = 2.976$$

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	125.56	0.0032	P	16.0
2	☐	0.100					
3	☐	1.000	0.921	2221.33	0.0539	P	3.7
4	☐	50.000	50.853	116694.48	2.8049	P	1.1
5	☐	125.000	126.912	291892.05	6.9953	P	2.4
6	☐	250.000	252.793	572858.35	13.9307	P	0.5
7	☐	500.000	499.194	1106567.50	27.5061	P	0.9
8	☐	1000.000	999.423	2159819.79	55.0660	A	1.5
9	☐			2555.84	0.0662	P	4.8

$$y = 0.0551 * x + 0.0032$$

$$R = 1.0000$$

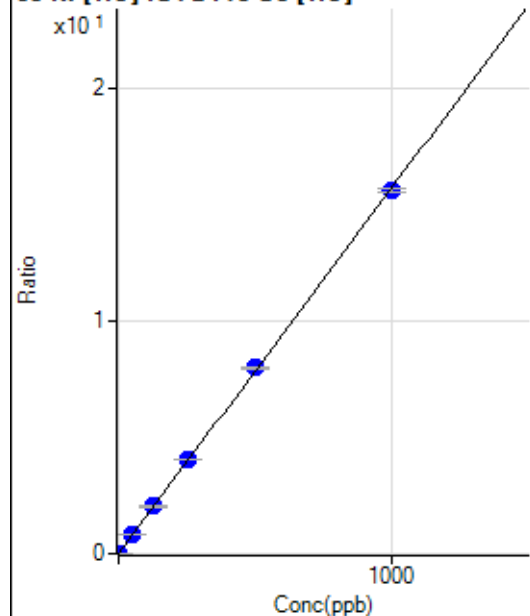
$$DL = 0.02762$$

$$BEC = 0.05743$$

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	196.67	0.0050	P	14.9
2	☐	0.100					
3	☐	1.000	0.931	805.60	0.0196	P	11.8
4	☐	50.000	52.264	34315.68	0.8248	P	1.0
5	☐	125.000	129.619	85042.10	2.0382	P	2.8
6	☐	250.000	258.054	166660.46	4.0529	P	0.6
7	☐	500.000	509.023	321425.43	7.9896	P	0.6
8	☐	1000.000	992.785	611023.02	15.5781	P	1.2
9	☐			1683.46	0.0436	P	5.0

$$y = 0.0157 * x + 0.0050$$

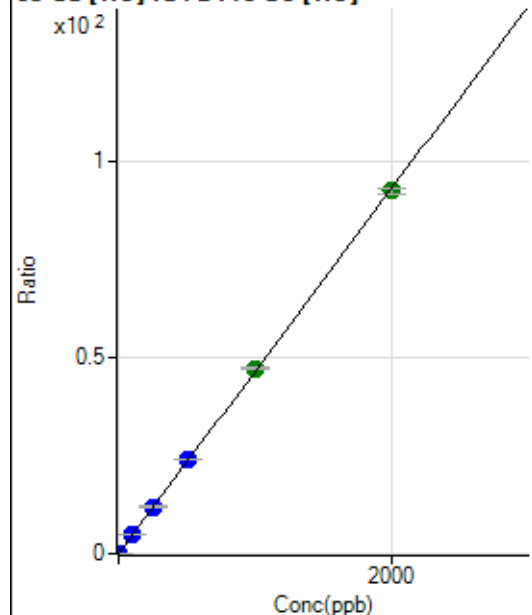
$$R = 0.9999$$

$$DL = 0.1406$$

$$BEC = 0.3157$$

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	225.56	0.0057	P	13.2
2	☐	0.200					
3	☐	2.000	2.084	4219.60	0.1024	P	0.9
4	☐	100.000	103.781	200702.14	4.8241	P	0.8
5	☐	250.000	257.338	498772.38	11.9535	P	2.5
6	☐	500.000	513.707	981012.97	23.8563	P	0.6
7	☐	1000.000	1015.165	1896409.10	47.1383	A	0.4
8	☐	2000.000	1987.884	3620091.54	92.3003	A	1.9
9	☐			5467.83	0.1416	P	1.7

$$y = 0.0464 * x + 0.0057$$

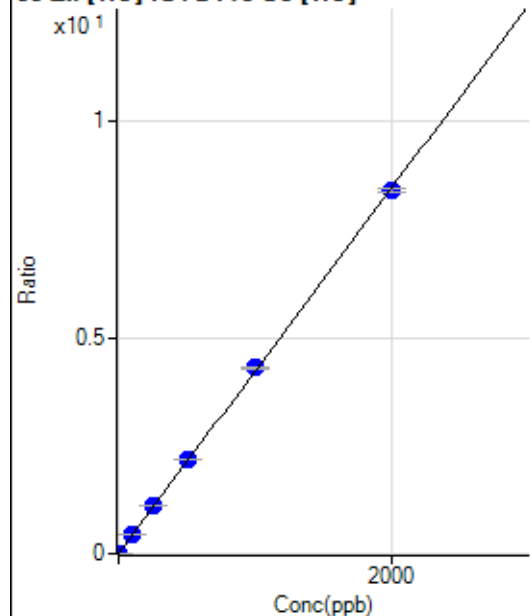
$$R = 0.9999$$

$$DL = 0.04839$$

$$BEC = 0.122$$

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	53.34	0.0013	P	26.5
2	☐	0.200					
3	☐	2.000	1.958	395.57	0.0096	P	14.4
4	☐	100.000	107.904	19018.82	0.4571	P	0.1
5	☐	250.000	261.120	46079.71	1.1043	P	2.3
6	☐	500.000	519.151	90232.13	2.1942	P	0.2
7	☐	1000.000	1015.665	172644.45	4.2915	P	0.9
8	☐	2000.000	1985.595	329025.48	8.3884	P	1.1
9	☐			1213.41	0.0314	P	6.7

$$y = 0.0042 * x + 0.0013$$

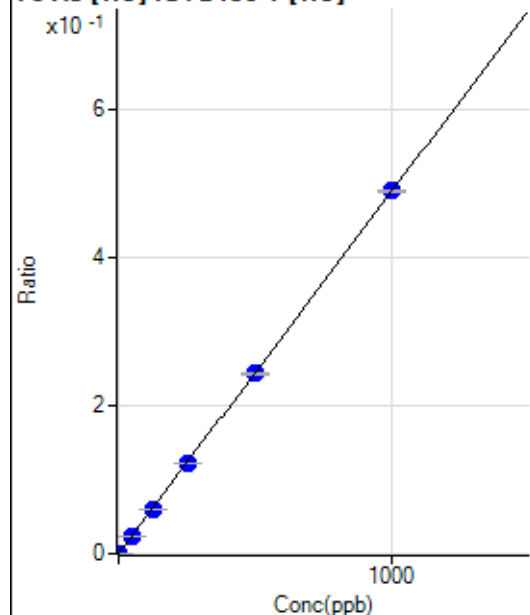
$$R = 0.9999$$

$$DL = 0.2511$$

$$BEC = 0.3159$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	56.7
2	☐	0.100					
3	☐	1.000	0.808	117.90	0.0004	P	1.7
4	☐	50.000	50.233	6867.20	0.0246	P	0.6
5	☐	125.000	122.752	16903.62	0.0601	P	1.4
6	☐	250.000	247.829	33538.77	0.1212	P	0.1
7	☐	500.000	497.593	64787.88	0.2433	P	0.7
8	☐	1000.000	1002.016	123253.41	0.4900	P	0.3
9	☐			37.65	0.0001	P	18.9

$$y = 4.8897\text{E-}004 * x + 2.9520\text{E-}005$$

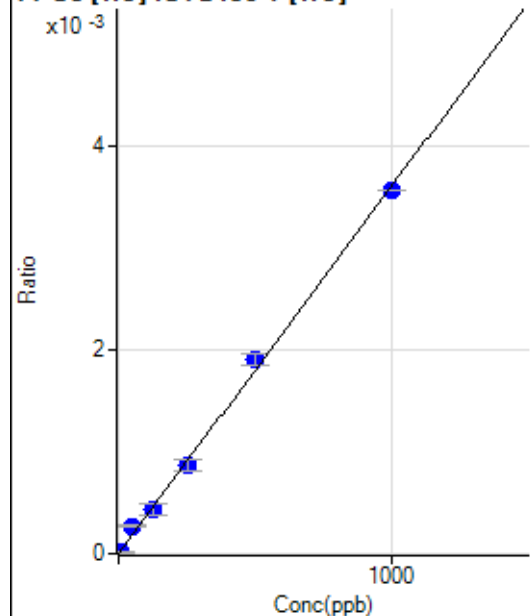
$$R = 1.0000$$

$$DL = 0.1026$$

$$BEC = 0.06037$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.321	3.33	0.0000	P	100.
4	☐	50.000	75.063	75.56	0.0003	P	10.1
5	☐	125.000	121.387	123.34	0.0004	P	27.4
6	☐	250.000	239.612	238.90	0.0009	P	12.9
7	☐	500.000	528.035	506.69	0.0019	P	6.0
8	☐	1000.000	987.786	895.60	0.0036	P	0.2
9	☐			1.11	0.0000	P	173.

$$y = 3.6044\text{E-}006 * x + 0.0000\text{E+}000$$

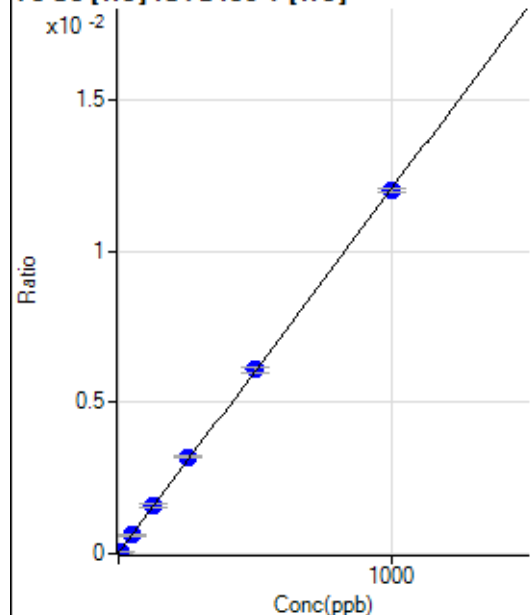
$$R = 0.9990$$

$$DL = 0$$

$$BEC = 0$$

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	6.17	0.0000	P	86.7
2	☐	0.500					
3	☐	5.000	4.536	21.60	0.0001	P	13.1
4	☐	50.000	48.940	170.99	0.0006	P	8.2
5	☐	125.000	130.137	447.54	0.0016	P	6.4
6	☐	250.000	262.731	881.52	0.0032	P	2.3
7	☐	500.000	503.286	1619.25	0.0061	P	2.8
8	☐	1000.000	994.588	3017.64	0.0120	P	1.0
9	☐			3.09	0.0000	P	125.

$$y = 1.2038\text{E-}005 * x + 2.3158\text{E-}005$$

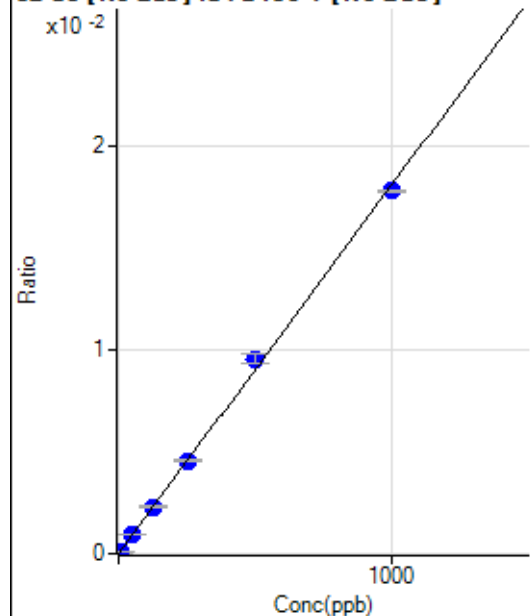
$$R = 0.9999$$

$$DL = 5.003$$

$$BEC = 1.924$$

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	-19.97	0.0000	P	-37.
2	☐	0.500					
3	☐	5.000	4.523	577.19	0.0001	P	12.7
4	☐	50.000	51.633	6795.70	0.0009	P	2.0
5	☐	125.000	127.732	16970.51	0.0023	P	1.6
6	☐	250.000	252.642	34124.22	0.0046	P	1.7
7	☐	500.000	528.191	67325.17	0.0095	P	5.0
8	☐	1000.000	984.823	130189.14	0.0178	P	0.4
9	☐			75.51	0.0000	P	88.3

$$y = 1.8077\text{E-}005 * x - 2.7260\text{E-}006$$

$$R = 0.9994$$

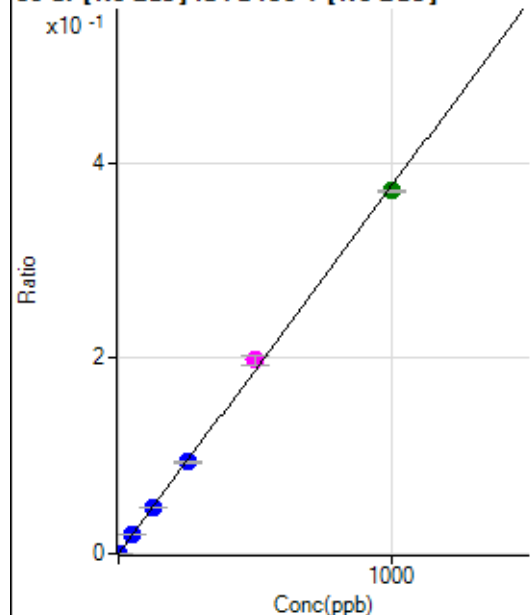
$$DL = 0.1704$$

$$BEC = -0.1508$$

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	972.30	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.886	3406.17	0.0005	P	2.0
4	☐	50.000	50.818	140578.80	0.0193	P	0.5
5	☐	125.000	126.523	351268.05	0.0477	P	0.8
6	☐	250.000	248.484	699968.53	0.0936	P	0.9
7	☐	500.000	525.798	1396314.52	0.1980	M	4.8
8	☐	1000.000	987.249	2717723.63	0.3716	A	0.6
9	☐			93180.86	0.0129	P	1.2

$$y = 3.7623\text{E-}004 * x + 1.3281\text{E-}004$$

$$R = 0.9995$$

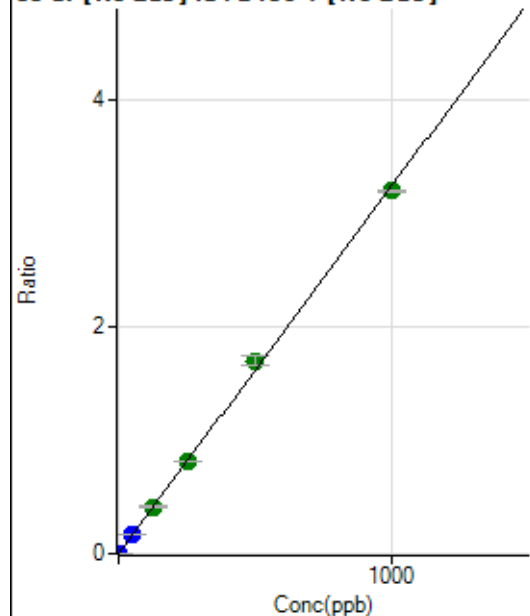
$$DL = 0.05992$$

$$BEC = 0.353$$

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	244.46	0.0000	P	23.0
2	☐	0.100					
3	☐	1.000	0.906	21679.14	0.0030	P	3.3
4	☐	50.000	51.097	1208301.77	0.1655	P	0.4
5	☐	125.000	127.972	3049248.96	0.4144	A	1.2
6	☐	250.000	249.733	6045735.12	0.8086	A	0.8
7	☐	500.000	524.317	11974599.40	1.6976	A	4.8
8	☐	1000.000	987.482	23385341.67	3.1973	A	0.5
9	☐			800888.56	0.1108	P	0.4

$$y = 0.0032 * x + 3.3380\text{E-}005$$

$$R = 0.9996$$

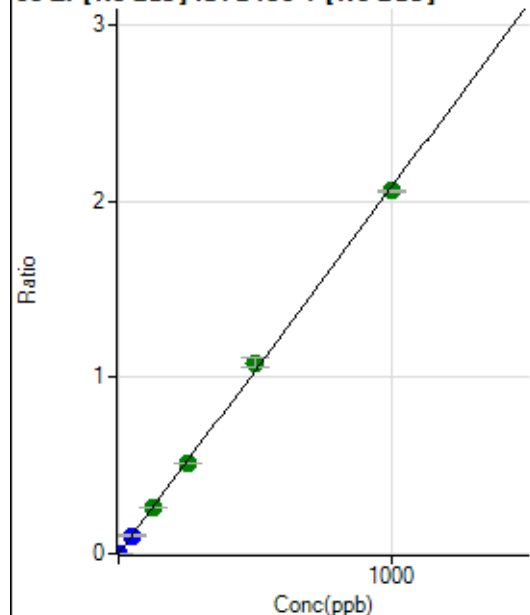
$$DL = 0.007105$$

$$BEC = 0.01031$$

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	469.47	0.0001	P	14.0
2	☐	0.100					
3	☐	1.000	0.844	13295.88	0.0018	P	4.9
4	☐	50.000	49.685	754981.50	0.1034	P	0.7
5	☐	125.000	125.355	1918929.73	0.2608	A	0.8
6	☐	250.000	246.606	3835049.35	0.5129	A	0.9
7	☐	500.000	521.760	7654666.40	1.0852	A	4.7
8	☐	1000.000	989.940	15058802.42	2.0588	A	0.6
9	☐			3269.98	0.0005	P	5.0

$$y = 0.0021 * x + 6.4138E-005$$

$$R = 0.9996$$

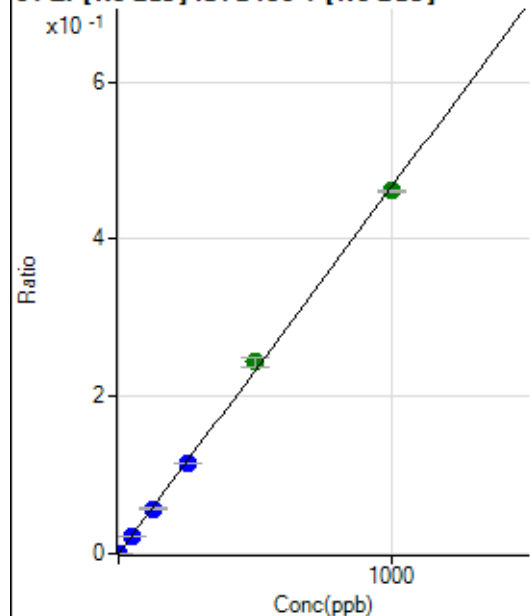
$$DL = 0.01295$$

$$BEC = 0.03084$$

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	108.34	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.856	3022.70	0.0004	P	1.4
4	☐	50.000	49.239	167735.89	0.0230	P	0.0
5	☐	125.000	122.969	421986.32	0.0573	P	0.9
6	☐	250.000	245.632	856326.58	0.1145	P	0.8
7	☐	500.000	523.871	1722859.02	0.2443	A	4.8
8	☐	1000.000	989.449	3374120.73	0.4613	A	0.4
9	☐			719.50	0.0001	P	19.3

$$y = 4.6622E-004 * x + 1.4803E-005$$

$$R = 0.9996$$

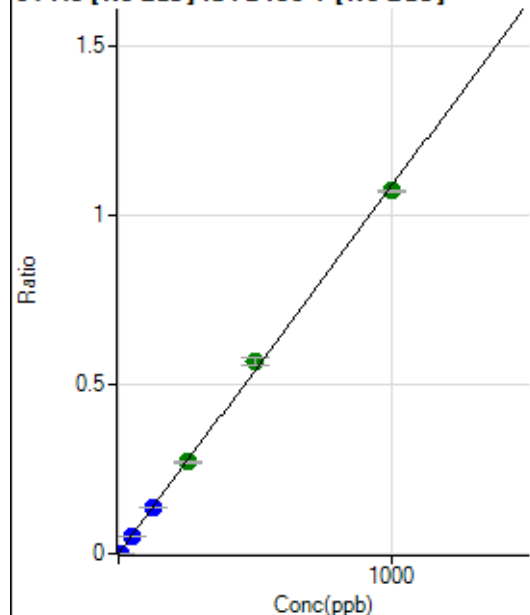
$$DL = 0.02661$$

$$BEC = 0.03175$$

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	277.79	0.0000	P	16.7
2	☐	0.500					
3	☐	5.000	1.871	15109.02	0.0021	P	1.0
4	☐	50.000	49.433	391980.86	0.0537	P	0.7
5	☐	125.000	124.979	998275.07	0.1357	P	1.3
6	☐	250.000	249.692	2026130.06	0.2710	A	1.3
7	☐	500.000	525.696	4025220.10	0.5705	A	4.0
8	☐	1000.000	987.276	7836430.30	1.0714	A	0.5
9	☐			3753.48	0.0005	P	4.4

$$y = 0.0011 * x + 3.7951E-005$$

$$R = 0.9995$$

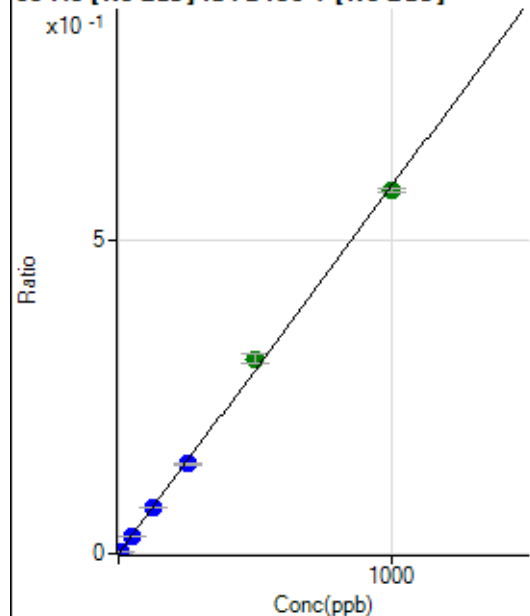
$$DL = 0.01749$$

$$BEC = 0.03497$$

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	236.12	0.0000	P	14.9
2	☐	0.500					
3	☐	5.000	4.293	18577.39	0.0025	P	1.2
4	☐	50.000	49.241	210535.87	0.0288	P	0.5
5	☐	125.000	123.700	532650.07	0.0724	P	0.5
6	☐	250.000	243.618	1065568.57	0.1425	P	0.7
7	☐	500.000	528.735	2181454.56	0.3093	A	4.9
8	☐	1000.000	987.432	4224339.59	0.5776	A	1.0
9	☐			4178.64	0.0006	P	4.9

$$y = 5.8487E-004 * x + 3.2259E-005$$

$$R = 0.9994$$

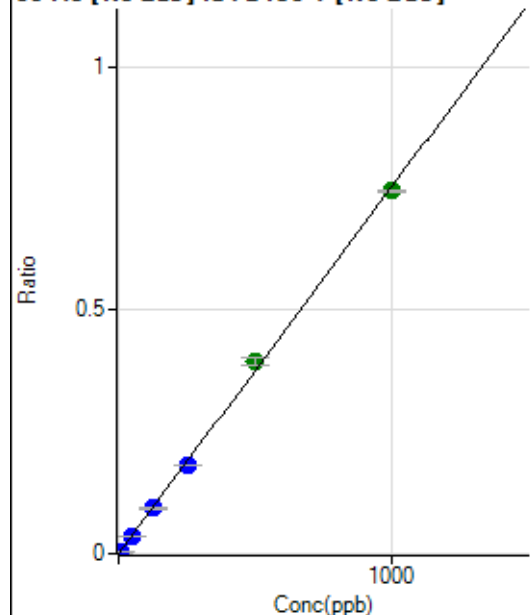
$$DL = 0.02466$$

$$BEC = 0.05515$$

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	302.80	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	3.675	20485.66	0.0028	P	2.2
4	☐	50.000	49.326	271071.40	0.0371	P	0.7
5	☐	125.000	124.129	686978.81	0.0934	P	1.6
6	☐	250.000	243.303	1367885.06	0.1829	P	0.3
7	☐	500.000	523.593	2777584.87	0.3937	A	4.0
8	☐	1000.000	990.027	5444031.85	0.7443	A	0.3
9	☐			7243.98	0.0010	P	3.0

$$y = 7.5177\text{E-}004 * x + 4.1369\text{E-}005$$

$$R = 0.9996$$

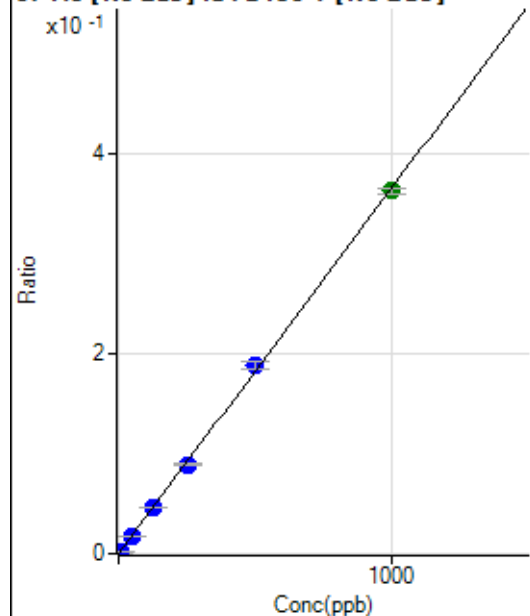
$$DL = 0.02538$$

$$BEC = 0.05503$$

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	177.79	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.230	11463.67	0.0016	P	0.4
4	☐	50.000	49.381	131849.84	0.0181	P	0.4
5	☐	125.000	125.352	337018.33	0.0458	P	1.5
6	☐	250.000	244.096	666619.99	0.0892	P	0.8
7	☐	500.000	516.789	1331339.94	0.1887	P	4.7
8	☐	1000.000	993.072	2652506.05	0.3627	A	1.6
9	☐			2822.65	0.0004	P	1.7

$$y = 3.6516\text{E-}004 * x + 2.4278\text{E-}005$$

$$R = 0.9998$$

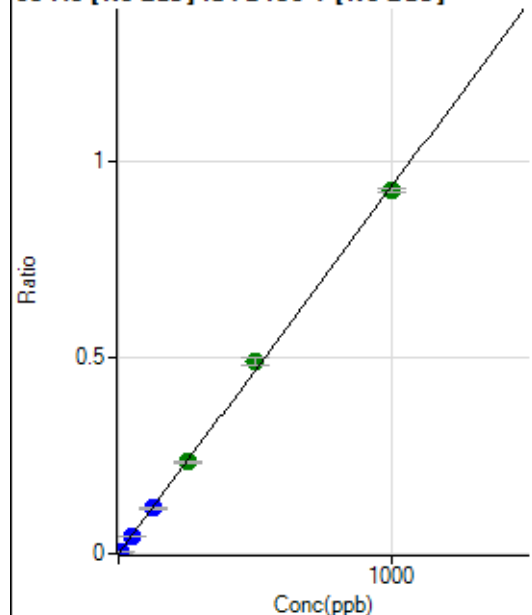
$$DL = 0.04291$$

$$BEC = 0.06649$$

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	344.47	0.0000	P	7.3
2	☐	0.500					
3	☐	5.000	4.233	29274.18	0.0040	P	1.9
4	☐	50.000	49.394	337742.82	0.0463	P	0.5
5	☐	125.000	123.228	848634.97	0.1153	P	0.6
6	☐	250.000	249.184	1743252.54	0.2331	A	0.8
7	☐	500.000	523.634	3456373.73	0.4899	A	4.1
8	☐	1000.000	988.642	6764721.55	0.9249	A	1.1
9	☐			6649.17	0.0009	P	0.9

$$y = 9.3546\text{E-}004 * x + 4.7048\text{E-}005$$

$$R = 0.9996$$

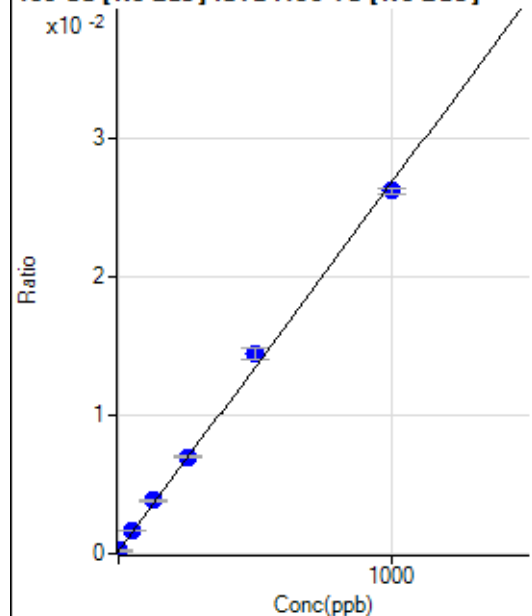
$$DL = 0.01095$$

$$BEC = 0.05029$$

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	1427.92	0.0002	P	3.4
2	☐	0.100					
3	☐	1.000	1.059	1605.73	0.0002	P	6.7
4	☐	50.000	54.270	12531.39	0.0016	P	0.2
5	☐	125.000	137.500	30151.22	0.0038	P	1.2
6	☐	250.000	256.292	56037.00	0.0070	P	0.8
7	☐	500.000	536.785	112419.26	0.0145	P	5.5
8	☐	1000.000	978.258	219532.22	0.0262	P	1.7
9	☐			1616.84	0.0002	P	3.8

$$y = 2.6631\text{E-}005 * x + 1.8406\text{E-}004$$

$$R = 0.9989$$

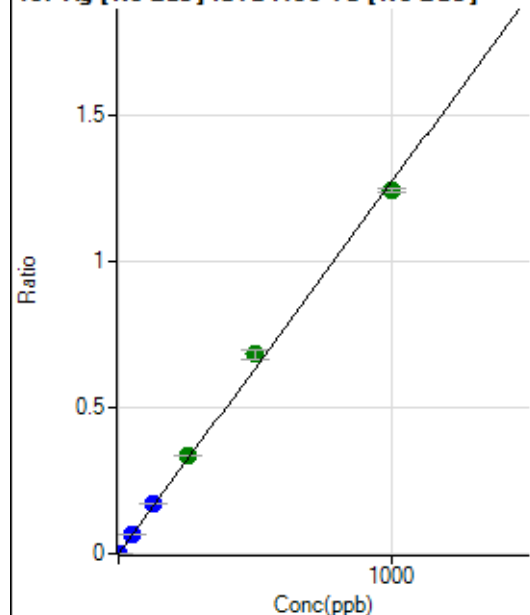
$$DL = 0.7027$$

$$BEC = 6.911$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	35.3
2	☐	0.100					
3	☐	1.000	1.256	12167.09	0.0016	P	3.6
4	☐	50.000	53.918	527818.80	0.0686	P	0.9
5	☐	125.000	133.061	1327776.07	0.1694	P	0.9
6	☐	250.000	264.711	2693467.77	0.3369	A	0.7
7	☐	500.000	536.632	5303804.76	0.6830	A	4.8
8	☐	1000.000	976.802	10402931.40	1.2432	A	0.9
9	☐			1061.20	0.0001	P	16.1

$$y = 0.0013 * x + 9.3146E-006$$

$$R = 0.9989$$

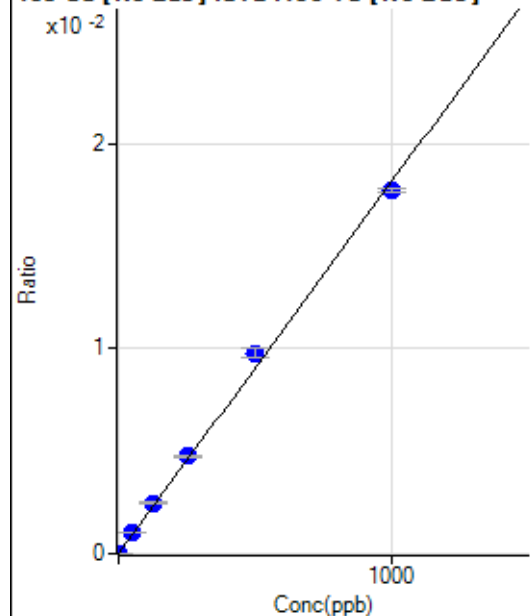
$$DL = 0.007747$$

$$BEC = 0.007319$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	1.074	150.00	0.0000	P	39.9
4	☐	50.000	54.852	7652.32	0.0010	P	2.0
5	☐	125.000	135.346	19240.44	0.0025	P	2.8
6	☐	250.000	261.637	37927.11	0.0047	P	0.8
7	☐	500.000	539.502	75961.42	0.0098	P	4.9
8	☐	1000.000	975.803	148046.77	0.0177	P	1.1
9	☐			34.72	0.0000	P	48.8

$$y = 1.8131E-005 * x + 3.5760E-007$$

$$R = 0.9987$$

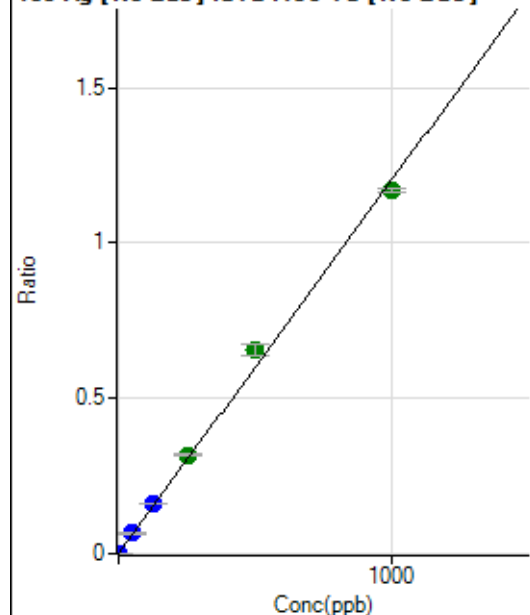
$$DL = 0.1025$$

$$BEC = 0.01972$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.7
2	☐	0.100					
3	☐	1.000	1.328	12078.14	0.0016	P	2.5
4	☐	50.000	54.143	500016.42	0.0650	P	1.4
5	☐	125.000	134.468	1266009.65	0.1615	P	0.4
6	☐	250.000	265.364	2547546.50	0.3187	A	0.6
7	☐	500.000	545.075	5081945.12	0.6546	A	5.4
8	☐	1000.000	972.230	9769355.16	1.1675	A	0.9
9	☐			1041.76	0.0001	P	15.5

$$y = 0.0012 * x + 1.7911E-006$$

$$R = 0.9983$$

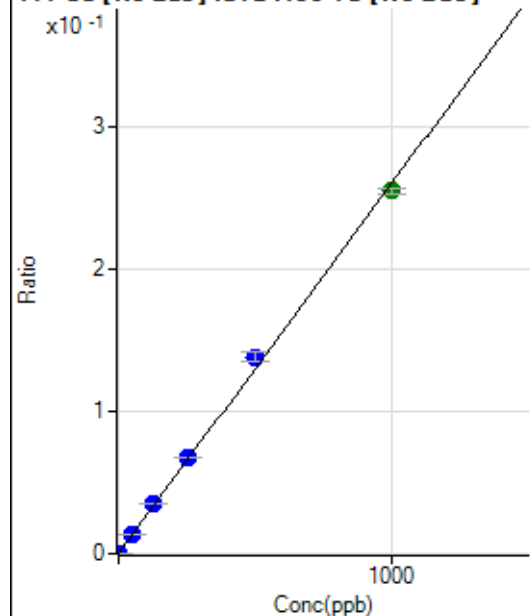
$$DL = 0.001555$$

$$BEC = 0.001492$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1040.66	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.946	2876.13	0.0004	P	3.9
4	☐	50.000	53.786	108631.19	0.0141	P	0.6
5	☐	125.000	132.777	271832.65	0.0347	P	0.6
6	☐	250.000	258.562	538752.74	0.0674	P	0.4
7	☐	500.000	532.128	1075704.05	0.1386	P	5.4
8	☐	1000.000	980.634	2135532.50	0.2552	A	1.2
9	☐			1431.11	0.0002	P	3.4

$$y = 2.6012E-004 * x + 1.3414E-004$$

$$R = 0.9992$$

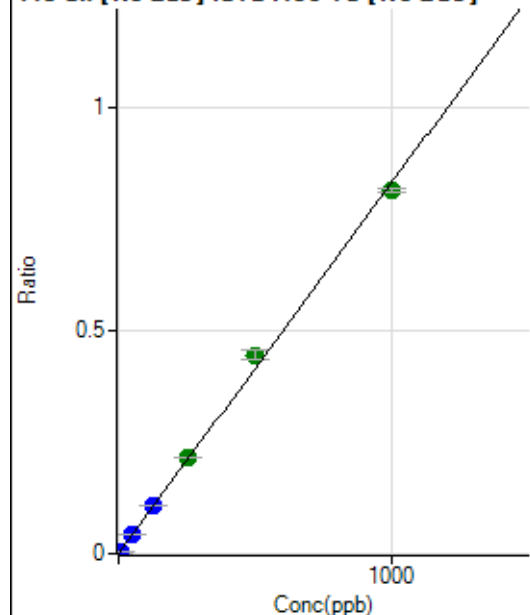
$$DL = 0.04675$$

$$BEC = 0.5157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1116.77	0.0001	P	10.1
2	☐	0.500					
3	☐	5.000	4.604	30051.38	0.0040	P	1.2
4	☐	50.000	52.740	338344.64	0.0440	P	1.5
5	☐	125.000	130.085	849134.67	0.1083	P	0.8
6	☐	250.000	260.329	1731614.49	0.2166	A	0.4
7	☐	500.000	535.872	3461559.97	0.4457	A	4.4
8	☐	1000.000	978.711	6810571.16	0.8139	A	1.1
9	☐			5701.46	0.0007	P	4.4

$$y = 8.3148\text{E-}004 * x + 1.4391\text{E-}004$$

$$R = 0.9990$$

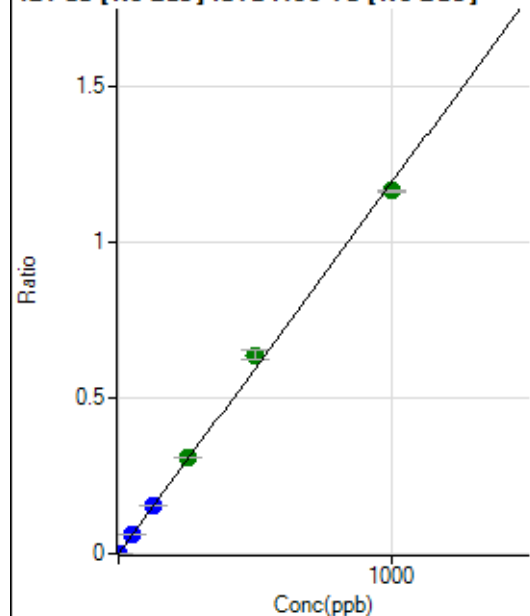
$$DL = 0.05237$$

$$BEC = 0.1731$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	28.8
2	☐	0.200					
3	☐	2.000	1.876	16980.90	0.0022	P	1.0
4	☐	50.000	52.701	482953.94	0.0628	P	0.9
5	☐	125.000	131.112	1224764.15	0.1562	P	0.5
6	☐	250.000	259.899	2475543.50	0.3097	A	0.8
7	☐	500.000	536.226	4961539.30	0.6389	A	4.6
8	☐	1000.000	978.513	9755480.86	1.1658	A	0.8
9	☐			20605.54	0.0025	P	0.7

$$y = 0.0012 * x + 9.3078\text{E-}006$$

$$R = 0.9989$$

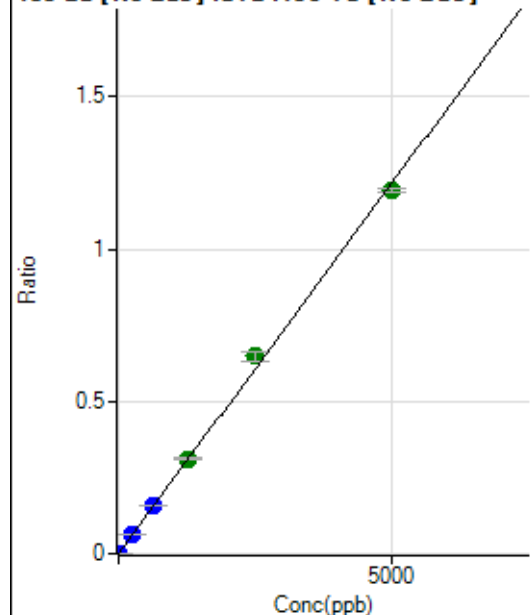
$$DL = 0.006742$$

$$BEC = 0.007812$$

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	66.67	0.0000	P	13.2
2	☐	1.000					
3	☐	10.000	9.100	16794.71	0.0022	P	2.0
4	☐	250.000	260.822	487477.20	0.0634	P	1.9
5	☐	625.000	647.775	1234216.23	0.1574	P	0.2
6	☐	1250.000	1285.491	2497388.88	0.3124	A	0.6
7	☐	2500.000	2669.562	5037629.97	0.6487	A	4.9
8	☐	5000.000	4902.960	9969893.19	1.1915	A	0.9
9	☐			3242.23	0.0004	P	6.2

$$y = 2.4301\text{E-}004 * x + 8.6005\text{E-}006$$

$$R = 0.9991$$

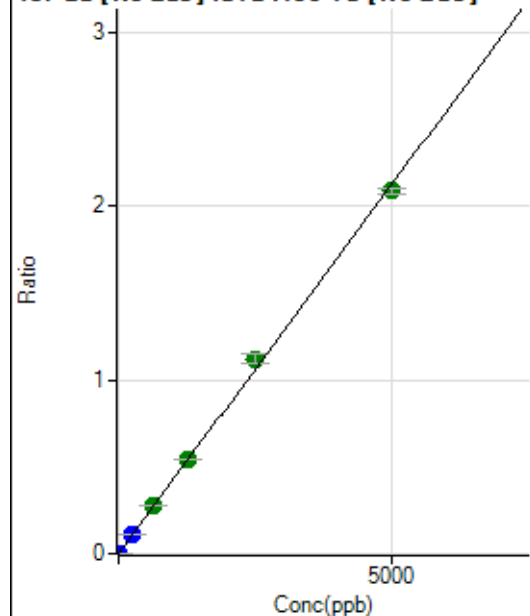
$$DL = 0.01402$$

$$BEC = 0.03539$$

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	188.90	0.0000	P	7.1
2	☐	1.000					
3	☐	10.000	8.977	28974.62	0.0038	P	0.8
4	☐	250.000	258.375	842518.09	0.1096	P	1.2
5	☐	625.000	652.805	2169759.71	0.2768	A	1.3
6	☐	1250.000	1271.340	4308714.37	0.5390	A	0.1
7	☐	2500.000	2644.568	8706938.91	1.1211	A	4.4
8	☐	5000.000	4918.489	17446802.13	2.0850	A	1.2
9	☐			5476.36	0.0007	P	0.7

$$y = 4.2391\text{E-}004 * x + 2.4358\text{E-}005$$

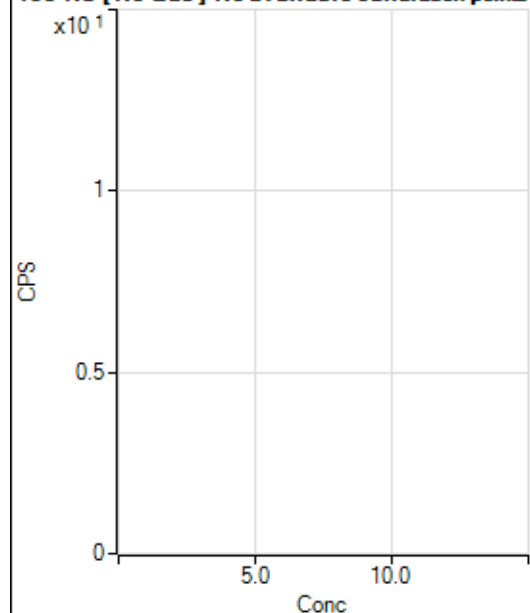
$$R = 0.9994$$

$$DL = 0.01229$$

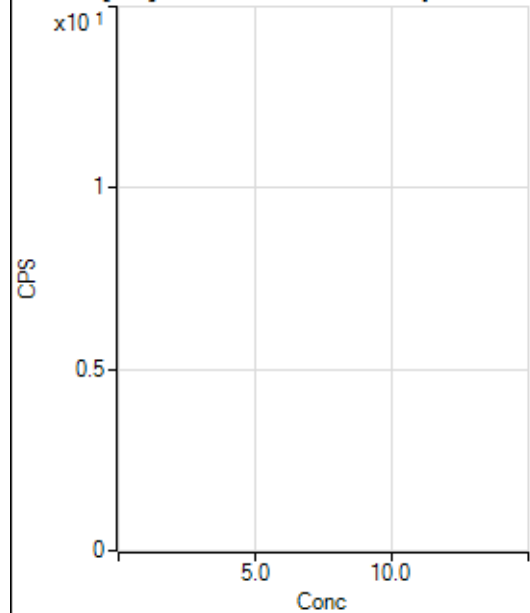
$$BEC = 0.05746$$

Weight: <None>

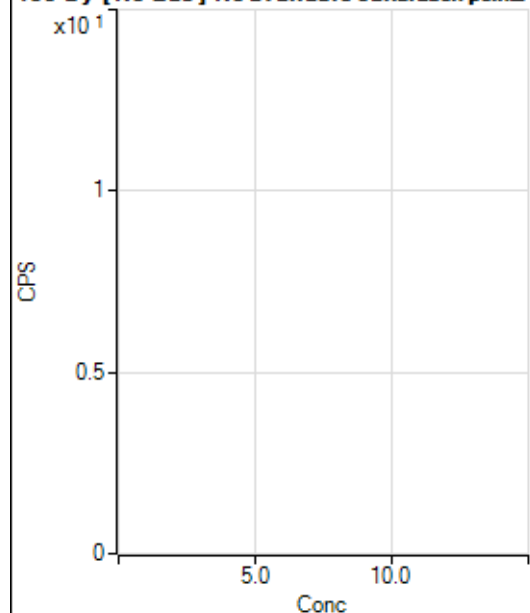
Min Conc: 0

150 Nd [No Gas] No available calibration points

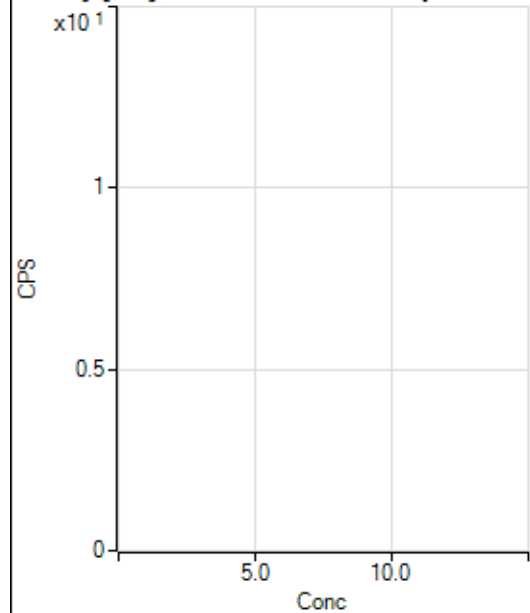
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			20.00		P	66.7
4	☐			20.00		P	33.4
5	☐			68.89		P	24.4
6	☐			120.01		P	16.7
7	☐			215.56		P	10.9
8	☐			302.24		P	26.7
9	☐			77.78		P	13.1

150 Nd [He] No available calibration points

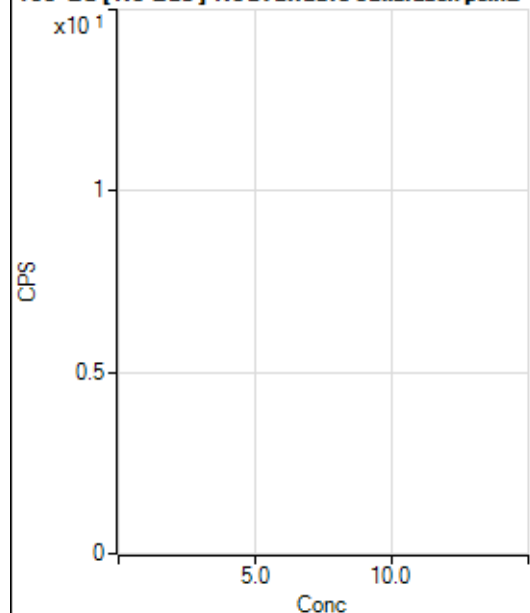
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			3.33		P	173.
6	☐			7.78		P	24.7
7	☐			18.89		P	62.0
8	☐			16.67		P	34.6
9	☐			8.89		P	21.6

156 Dy [No Gas] No available calibration points

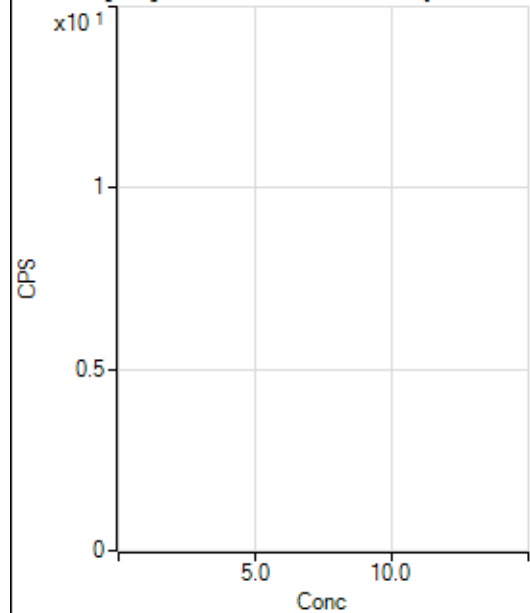
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			25.00		P	100.
4	☐			16.67		P	50.0
5	☐			44.44		P	21.7
6	☐			66.67		P	12.5
7	☐			94.45		P	33.4
8	☐			105.56		P	12.1
9	☐			105.56		P	35.6

156 Dy [He] No available calibration points

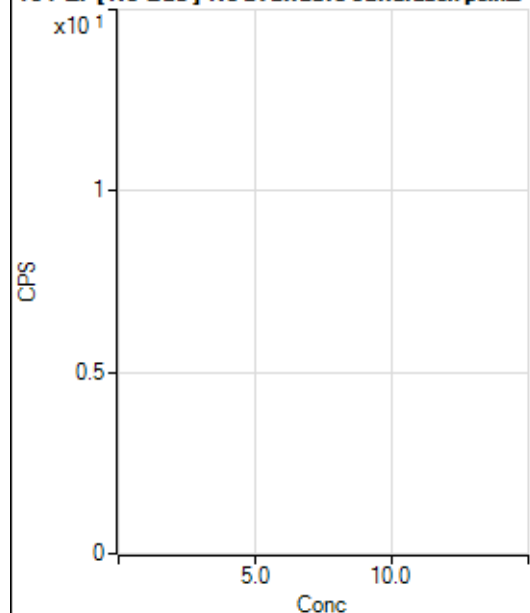
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			5.56		P	91.6
6	☐			5.56		P	91.6
7	☐			18.89		P	36.7
8	☐			22.22		P	22.9
9	☐			11.11		P	17.3

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

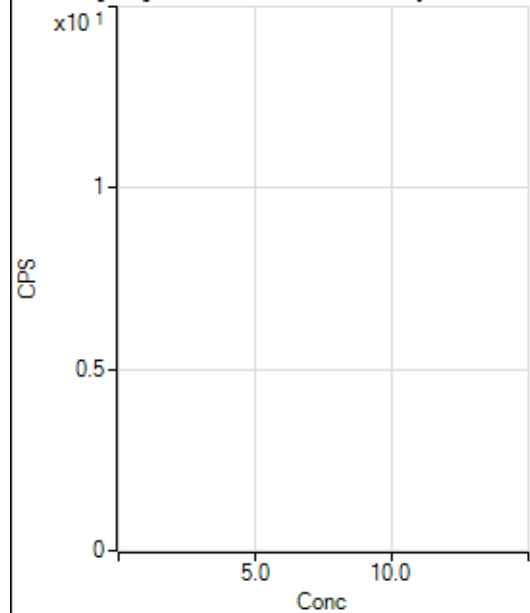
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	40.1
2	☐						
3	☐			102.79		P	20.4
4	☐			86.12		P	5.6
5	☐			61.12		P	7.9
6	☐			91.67		P	0.0
7	☐			130.56		P	24.2
8	☐			158.34		P	13.9
9	☐			105.56		P	16.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	78.1
2	☐						
3	☐			12.22		P	56.8
4	☐			14.44		P	96.1
5	☐			14.44		P	35.3
6	☐			27.78		P	34.6
7	☐			18.89		P	40.7
8	☐			34.44		P	72.6
9	☐			26.67		P	50.0

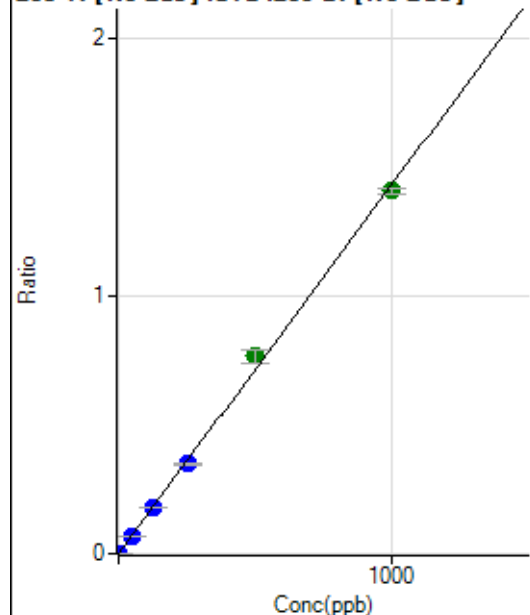
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			72.22		P	29.0
4	☐			22.22		P	78.1
5	☐			25.00		P	57.7
6	☐			38.89		P	68.9
7	☐			22.22		P	57.3
8	☐			55.56		P	34.6
9	☐			44.45		P	60.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			14.45		P	48.0
4	☐			7.78		P	49.5
5	☐			2.22		P	86.6
6	☐			3.33		P	100.
7	☐			12.22		P	41.7
8	☐			6.67		P	50.0
9	☐			6.67		P	50.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	28.5
2	☐	0.100					
3	☐	1.000	0.899	5465.31	0.0013	P	1.9
4	☐	50.000	49.146	298741.29	0.0704	P	1.1
5	☐	125.000	124.140	760986.84	0.1778	P	0.9
6	☐	250.000	243.476	1536689.03	0.3486	P	0.8
7	☐	500.000	535.120	3280924.62	0.7662	A	6.5
8	☐	1000.000	984.221	6602277.10	1.4093	A	1.3
9	☐			2039.16	0.0005	P	4.9

$$y = 0.0014 * x + 2.7771E-005$$

$$R = 0.9991$$

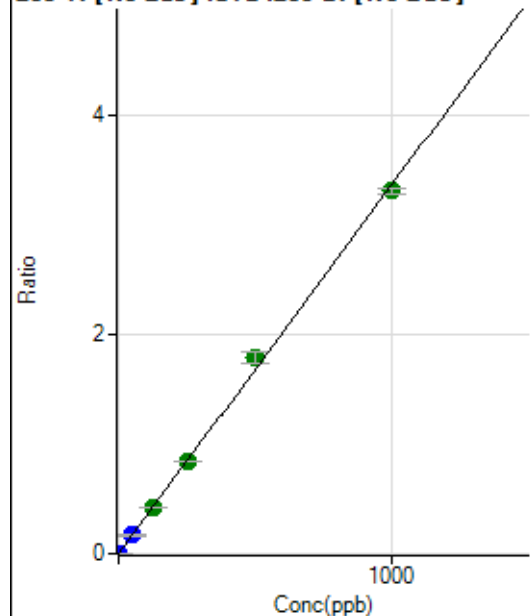
$$DL = 0.0166$$

$$BEC = 0.0194$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.02	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	0.909	12971.08	0.0031	P	3.6
4	☐	50.000	49.724	709943.41	0.1673	P	1.7
5	☐	125.000	127.020	1828950.99	0.4273	A	1.2
6	☐	250.000	250.023	3706678.69	0.8410	A	0.6
7	☐	500.000	530.381	7639708.16	1.7839	A	6.0
8	☐	1000.000	984.565	15514041.14	3.3115	A	1.5
9	☐			4862.30	0.0011	P	9.1

$$y = 0.0034 * x + 6.3905E-005$$

$$R = 0.9993$$

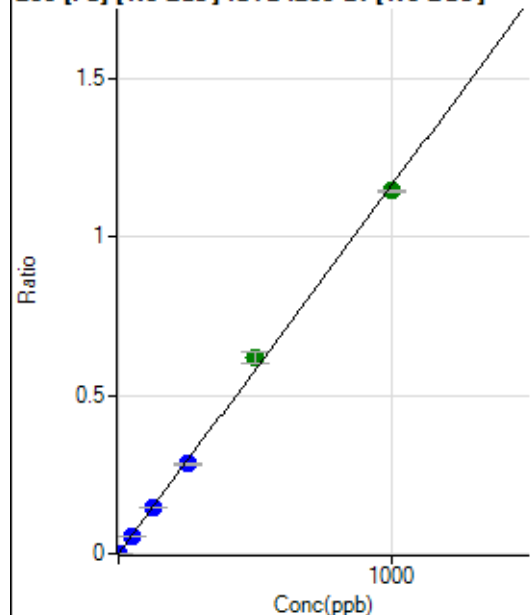
$$DL = 0.001863$$

$$BEC = 0.019$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418.54	0.0001	P	15.6
2	☐	0.100					
3	☐	1.000	1.081	5616.22	0.0014	P	2.0
4	☐	50.000	48.887	241045.41	0.0568	P	0.9
5	☐	125.000	123.454	613387.80	0.1433	P	0.6
6	☐	250.000	242.947	1242456.47	0.2819	P	0.9
7	☐	500.000	532.152	2644158.94	0.6173	A	5.7
8	☐	1000.000	985.936	5358522.23	1.1437	A	0.7
9	☐			10093.17	0.0023	P	2.1

$$y = 0.0012 * x + 9.7278E-005$$

$$R = 0.9992$$

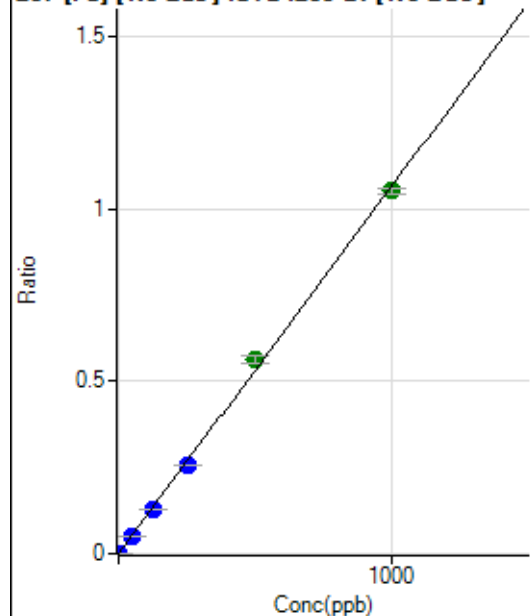
$$DL = 0.03927$$

$$BEC = 0.08387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.36	0.0001	P	14.0
2	☐	0.100					
3	☐	1.000	1.060	5112.31	0.0012	P	1.7
4	☐	50.000	48.566	219796.23	0.0518	P	1.5
5	☐	125.000	122.371	558024.27	0.1304	P	0.3
6	☐	250.000	239.772	1125344.79	0.2553	P	0.7
7	☐	500.000	529.554	2415942.30	0.5638	A	4.1
8	☐	1000.000	988.180	4928099.82	1.0519	A	1.9
9	☐			8558.66	0.0019	P	0.3

$$y = 0.0011 * x + 1.0074E-004$$

$$R = 0.9993$$

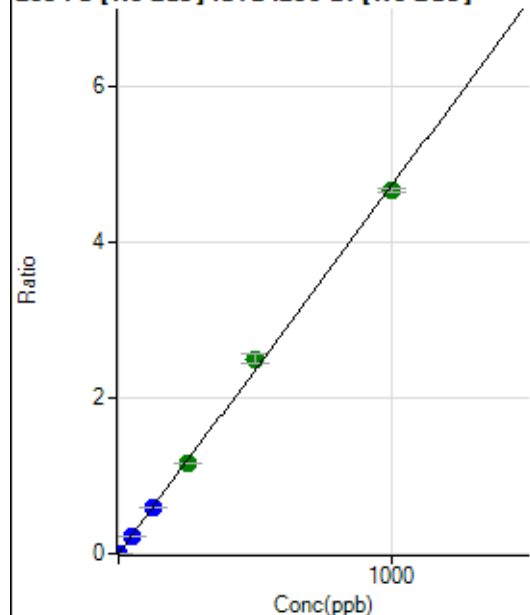
$$DL = 0.03962$$

$$BEC = 0.09465$$

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	1744.55	0.0004	P	5.8
2	☐	0.100					
3	☐	1.000	1.094	23207.18	0.0056	P	0.7
4	☐	50.000	48.919	983387.68	0.2317	P	1.1
5	☐	125.000	123.399	2499668.01	0.5839	P	0.4
6	☐	250.000	246.351	5136434.80	1.1653	A	0.5
7	☐	500.000	529.880	10735398.82	2.5061	A	5.2
8	☐	1000.000	986.226	21851959.69	4.6640	A	1.1
9	☐			39617.82	0.0089	P	1.6

$$y = 0.0047 * x + 4.0537E-004$$

$$R = 0.9993$$

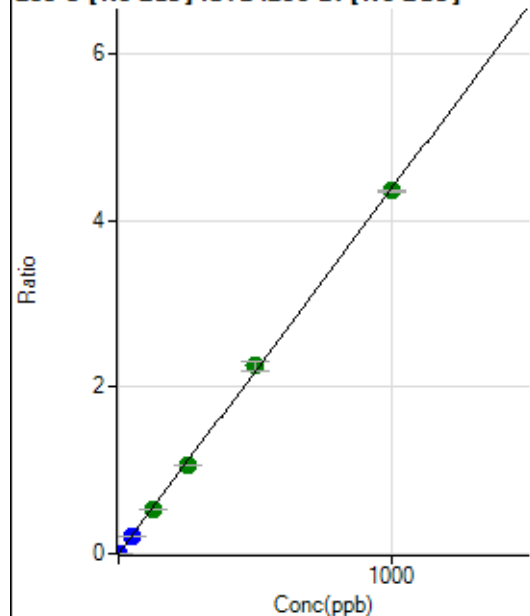
$$DL = 0.01499$$

$$BEC = 0.08572$$

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	513.92	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.840	15791.39	0.0038	P	2.8
4	☐	50.000	47.734	888006.00	0.2093	P	0.5
5	☐	125.000	121.719	2283392.30	0.5334	A	0.3
6	☐	250.000	242.945	4692050.67	1.0645	A	0.3
7	☐	500.000	515.718	9679239.45	2.2596	A	5.3
8	☐	1000.000	994.428	20412699.07	4.3569	A	0.9
9	☐			1550.18	0.0003	P	1.6

$$y = 0.0044 * x + 1.1939E-004$$

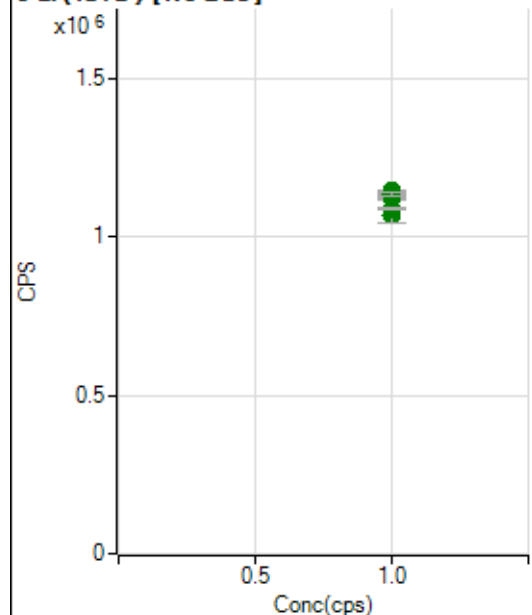
$$R = 0.9998$$

$$DL = 0.004919$$

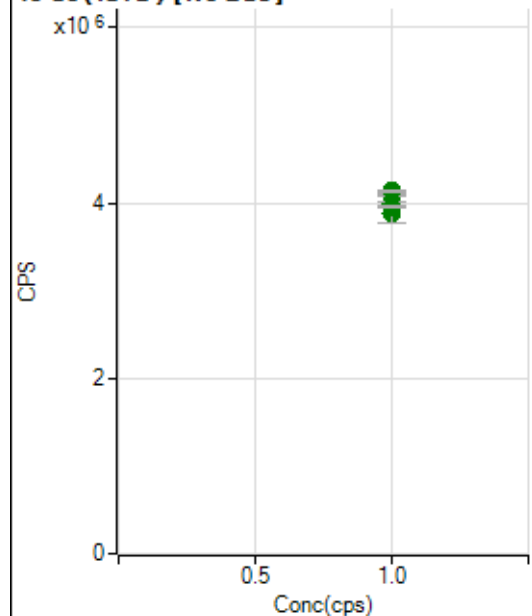
$$BEC = 0.02725$$

Weight: <None>

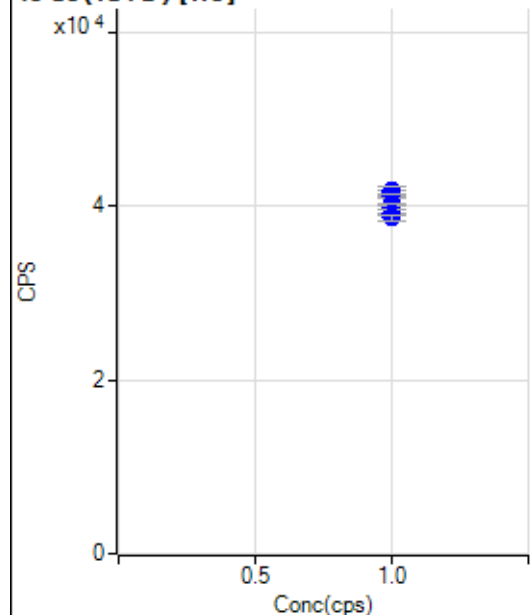
Min Conc: 0

6 Li (ISTD) [No Gas]

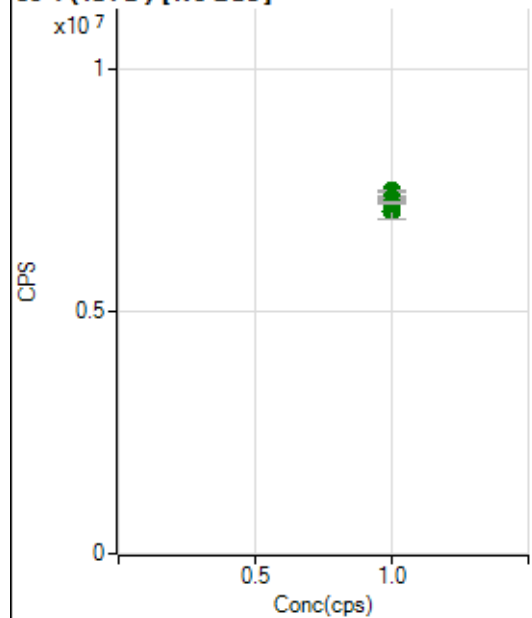
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1124702.54		A	1.0
2	☐	1.000					
3	☐	1.000		1137181.72		A	0.8
4	☐	1.000		1131295.19		A	1.0
5	☐	1.000		1137251.55		A	0.8
6	☐	1.000		1145952.43		A	0.4
7	☐	1.000		1070186.56		A	4.3
8	☐	1.000		1135475.52		A	1.1
9	☐	1.000		1089017.24		A	0.7

45 Sc (ISTD) [No Gas]

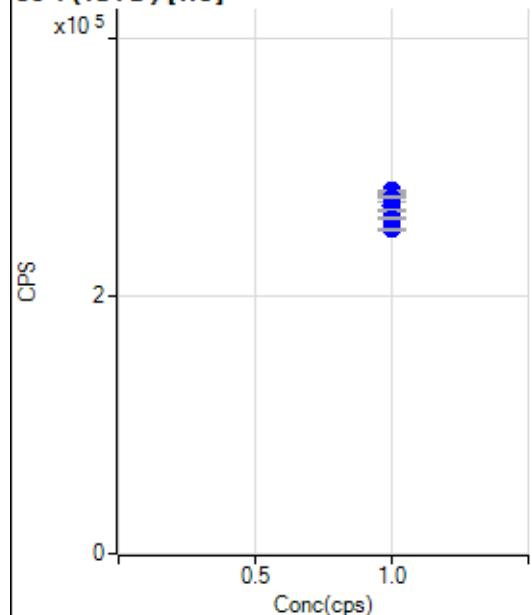
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4093249.83		A	0.2
2	☐	1.000					
3	☐	1.000		4105091.59		A	1.0
4	☐	1.000		4096427.70		A	0.6
5	☐	1.000		4134394.71		A	0.8
6	☐	1.000		4137627.04		A	0.7
7	☐	1.000		3876705.42		A	5.1
8	☐	1.000		3999863.02		A	1.1
9	☐	1.000		3952029.60		A	0.3

45 Sc (ISTD) [He]

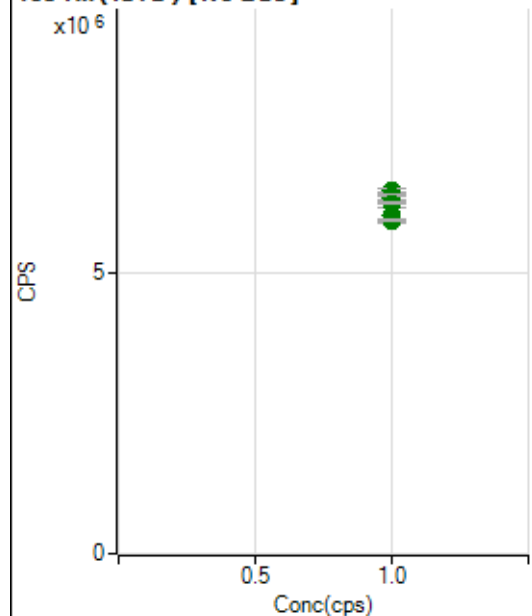
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39789.86		P	2.9
2	☐	1.000					
3	☐	1.000		41197.15		P	0.6
4	☐	1.000		41606.06		P	0.7
5	☐	1.000		41743.19		P	2.5
6	☐	1.000		41123.48		P	1.1
7	☐	1.000		40230.93		P	0.5
8	☐	1.000		39228.25		P	1.6
9	☐	1.000		38619.81		P	1.6

89 Y (ISTD) [No Gas]

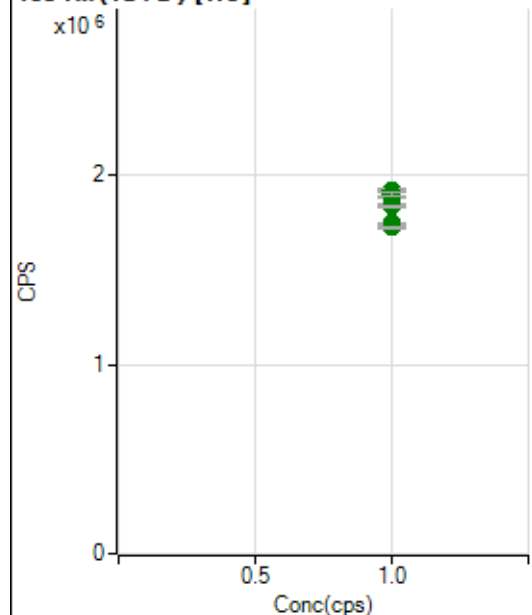
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7321172.39		A	0.2
2	☐	1.000					
3	☐	1.000		7306614.12		A	1.5
4	☐	1.000		7302094.06		A	0.4
5	☐	1.000		7359026.07		A	0.6
6	☐	1.000		7476903.22		A	0.4
7	☐	1.000		7064422.53		A	4.7
8	☐	1.000		7314227.81		A	0.2
9	☐	1.000		7225492.60		A	0.3

89 Y(ISTD) [He]

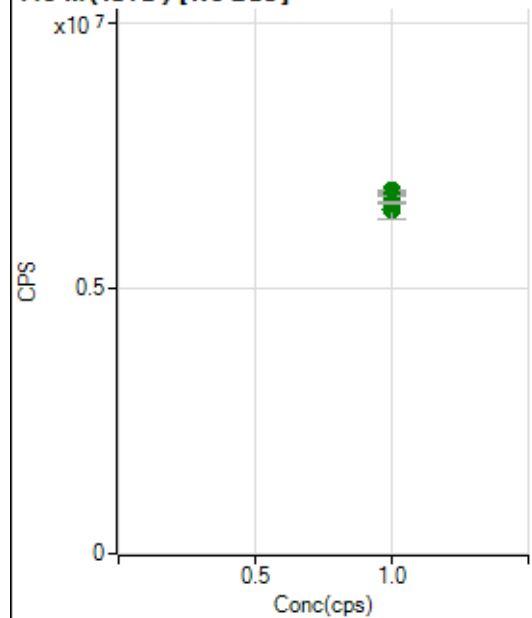
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		269512.15		P	3.1
2	☐	1.000					
3	☐	1.000		277820.54		P	0.4
4	☐	1.000		279244.24		P	0.2
5	☐	1.000		281505.95		P	0.8
6	☐	1.000		276702.46		P	0.8
7	☐	1.000		266256.27		P	0.6
8	☐	1.000		251546.73		P	0.2
9	☐	1.000		260180.84		P	0.4

103 Rh(ISTD) [No Gas]

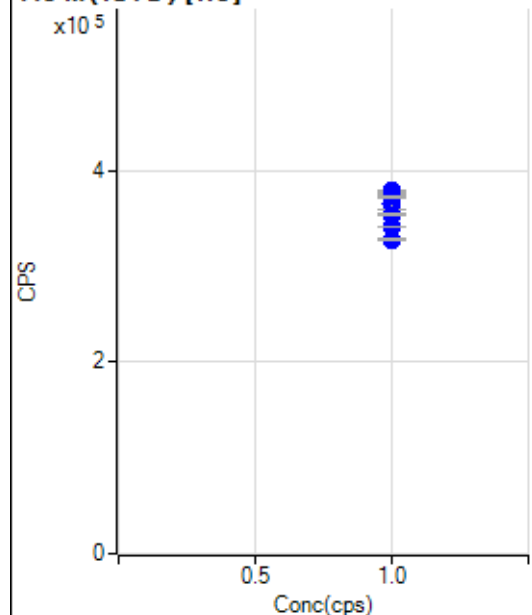
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6475852.53		A	1.0
2	☐	1.000					
3	☐	1.000		6341575.23		A	0.9
4	☐	1.000		6390388.03		A	0.2
5	☐	1.000		6399752.84		A	0.5
6	☐	1.000		6389768.46		A	0.6
7	☐	1.000		6046452.96		A	4.8
8	☐	1.000		6262953.05		A	0.3
9	☐	1.000		5942087.85		A	0.7

103 Rh (ISTD) [He]

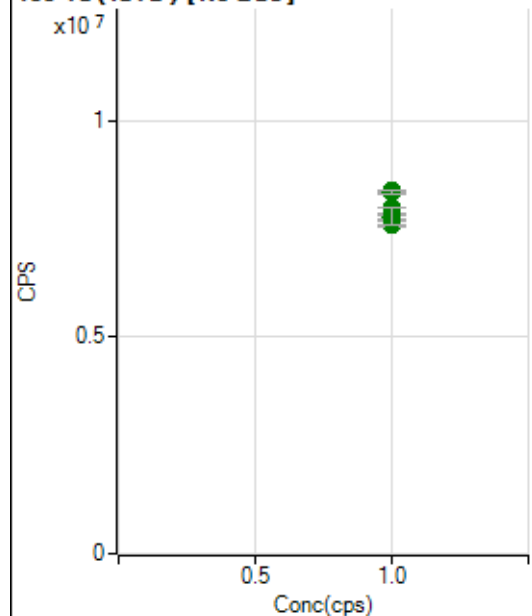
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1883851.67		A	3.6
2	☐	1.000					
3	☐	1.000		1905502.12		A	1.1
4	☐	1.000		1918743.23		A	1.2
5	☐	1.000		1893960.63		A	1.6
6	☐	1.000		1901261.33		A	1.0
7	☐	1.000		1837717.77		A	0.6
8	☐	1.000		1745425.04		A	0.8
9	☐	1.000		1726004.11		A	0.7

115 In (ISTD) [No Gas]

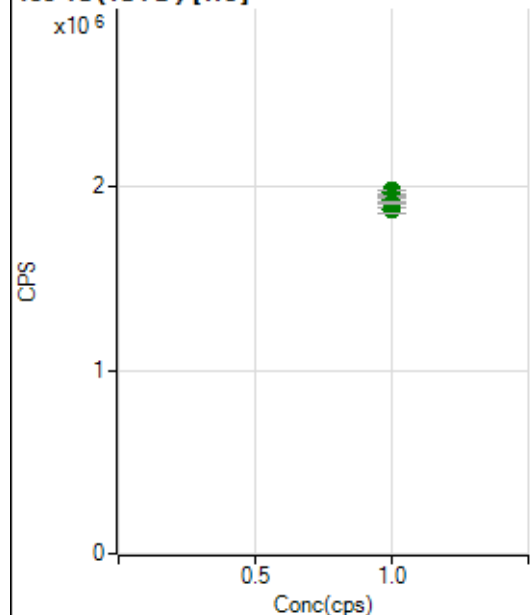
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6833000.82		A	0.6
2	☐	1.000					
3	☐	1.000		6735580.31		A	0.4
4	☐	1.000		6784255.49		A	0.7
5	☐	1.000		6806750.71		A	0.4
6	☐	1.000		6825657.36		A	0.1
7	☐	1.000		6471820.82		A	5.0
8	☐	1.000		6731335.20		A	0.4
9	☐	1.000		6607991.33		A	0.2

115 In (ISTD) [He]

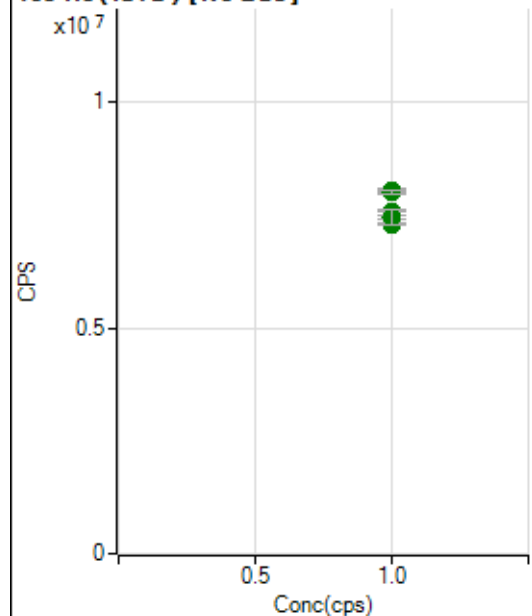
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		365355.84		P	3.3
2	☐	1.000					
3	☐	1.000		374382.63		P	0.2
4	☐	1.000		378684.59		P	0.5
5	☐	1.000		377017.98		P	0.5
6	☐	1.000		373016.74		P	0.5
7	☐	1.000		354039.93		P	0.4
8	☐	1.000		328120.36		P	0.2
9	☐	1.000		341454.16		P	0.4

159 Tb (ISTD) [No Gas]

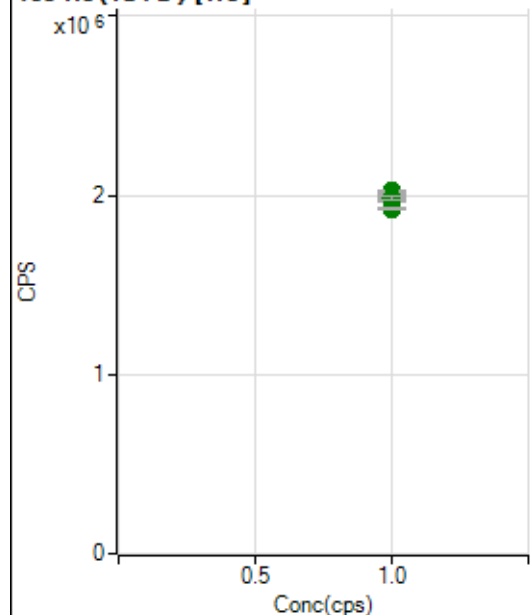
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7756722.59		A	0.7
2	☐	1.000					
3	☐	1.000		7565238.15		A	0.2
4	☐	1.000		7691042.39		A	1.0
5	☐	1.000		7840226.90		A	0.6
6	☐	1.000		7994463.08		A	0.1
7	☐	1.000		7777292.18		A	4.8
8	☐	1.000		8367995.36		A	0.6
9	☐	1.000		8322188.77		A	1.1

159 Tb (ISTD) [He]

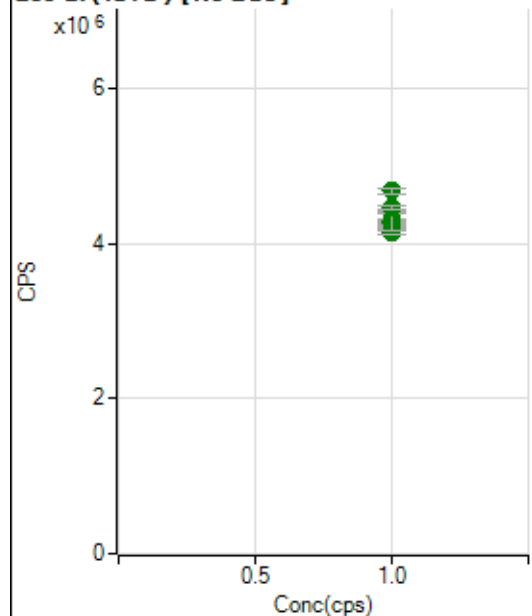
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1915266.36		A	2.7
2	☐	1.000					
3	☐	1.000		1929953.37		A	0.9
4	☐	1.000		1948321.67		A	0.5
5	☐	1.000		1972302.57		A	0.8
6	☐	1.000		1978393.37		A	0.2
7	☐	1.000		1942376.24		A	0.5
8	☐	1.000		1872885.06		A	1.2
9	☐	1.000		1911096.83		A	0.7

165 Ho (ISTD) [No Gas]

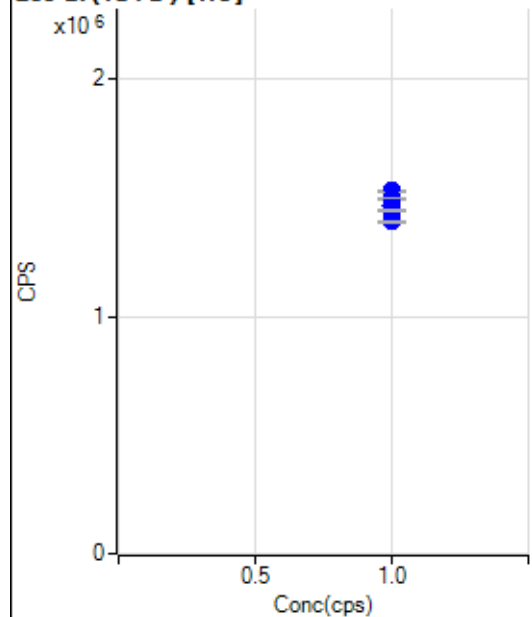
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7309636.36		A	0.7
2	☐	1.000					
3	☐	1.000		7294338.27		A	0.7
4	☐	1.000		7302554.68		A	0.2
5	☐	1.000		7449180.72		A	0.9
6	☐	1.000		7570695.57		A	0.2
7	☐	1.000		7454099.47		A	4.9
8	☐	1.000		8030651.05		A	1.2
9	☐	1.000		8020732.30		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1960380.02		A	3.2
2	☐	1.000					
3	☐	1.000		1965422.47		A	0.3
4	☐	1.000		2020080.37		A	0.8
5	☐	1.000		2024446.17		A	0.3
6	☐	1.000		2020009.66		A	1.2
7	☐	1.000		1998779.92		A	1.6
8	☐	1.000		1925720.27		A	1.1
9	☐	1.000		1985872.12		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4303790.32		A	0.6
2	☐	1.000					
3	☐	1.000		4158789.11		A	1.3
4	☐	1.000		4243825.63		A	0.7
5	☐	1.000		4280901.57		A	1.2
6	☐	1.000		4407749.59		A	0.6
7	☐	1.000		4291401.54		A	5.1
8	☐	1.000		4685429.97		A	1.3
9	☐	1.000		4463139.59		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1465185.55		P	3.5
2	☐	1.000					
3	☐	1.000		1492648.64		P	0.3
4	☐	1.000		1528220.86		P	0.5
5	☐	1.000		1530156.30		P	0.3
6	☐	1.000		1525592.95		P	0.1
7	☐	1.000		1501960.60		P	0.2
8	☐	1.000		1447174.18		P	0.3
9	☐	1.000		1400214.48		P	0.8

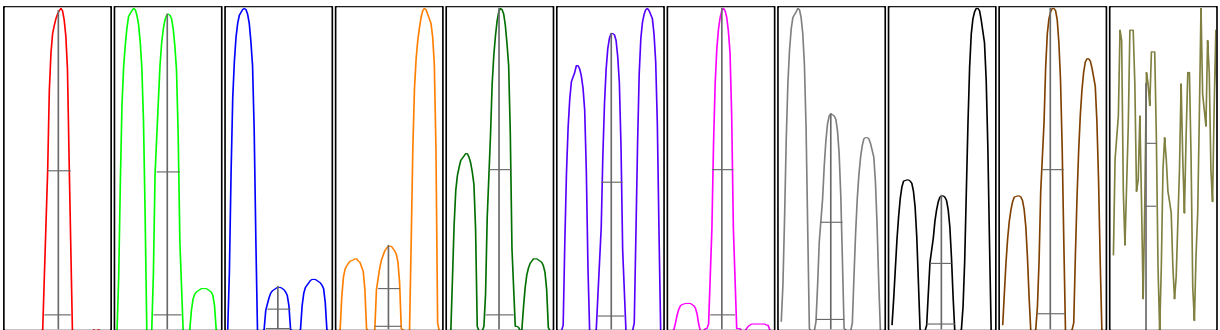
US EPA Tune Check Sample Report

Batch Folder D:\P8082417-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9358	2.78	5.00	
24	52475	1.95	5.00	
25	6955	1.75	5.00	
26	8169	1.22	5.00	
59	98654	0.71	5.00	
113	12650	1.86	5.00	
115	162148	1.85	5.00	
206	28239	2.47	5.00	
207	25428	2.30	5.00	
208	60188	2.25	5.00	
220	1	11.45		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9263	9714	9164	9543	9107
24	51820	53462	51739	53721	51633
25	6950	7050	6860	7100	6814
26	8191	8237	8159	8252	8003
59	99552	98795	99001	97810	98110
113	12733	12508	12896	12317	12796
115	164236	160252	165013	157860	163382
206	27782	27813	28678	27665	29259
207	24839	25392	25743	24922	26246
208	58907	60368	60601	58914	62148
220	1	1	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14902	9.05	8.9 - 9.1		0.781	0.900	
24	82633	24.00	23.9 - 24.1		0.828	0.900	
25	11137	25.00	24.9 - 25.1		0.744	0.900	
26	13171	26.00	25.9 - 26.1		0.745	0.900	
59	162421	59.00	58.9 - 59.1		0.823	0.900	
113	22389	113.05	112.9 - 113.1		0.770	0.900	
115	285146	115.05	114.9 - 115.1		0.738	0.900	
206	48560	206.00	205.9 - 206.1		0.790	0.900	
207	43345	207.00	206.9 - 207.1		0.788	0.900	
208	103563	207.95	207.9 - 208.1		0.806	0.900	
220	2	219.55	-		0.329		

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	8.3	V	Deflect	13.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13435	2.14	
89	3765	2.49	
205	17676	2.32	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13695	13574	13476	13485	12947
89	3862	3812	3776	3764	3612
205	18055	17898	17716	17728	16986

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	8.3	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	1.09	-1.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.04	-0.19	0.23	0.00	N/A	ppb
Boron	11-1	0.12	0.04	-0.16	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	0.02	-0.24	0.22	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Calcium	43-1	11.21	-8.60	-2.61	0.00	N/A	ppb
Calcium	44-1	0.87	0.15	-1.02	0.00	N/A	ppb
Chromium	52-2	-0.08	0.05	0.03	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.15	0.18	-0.03	0.00	N/A	ppb
Iron	57-2	1.91	-2.01	0.10	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.53	1.04	-0.51	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.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	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.02	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	0.01	0.04	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-0.17	15.65	-14.43	0.35	4308.83	ppb
Potassium	39-2	1.61	0.26	-1.87	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	-1.92	1.03	0.89	0.00	N/A	ppb
Selenium	82-1	-0.06	0.05	0.01	0.00	N/A	ppb
Silicon	28-1	-0.68	1.82	-1.14	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.23	2.59	-0.36	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	102.01	58.41	50.51	70.31	39.45	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	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	-0.09	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.d

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

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.85	13.99	20.04	16.63	18.64	ppb
Antimony	121-1	1.88	1.89	1.86	1.88	0.99	ppb
Arsenic	75-2	0.80	0.80	0.82	0.81	1.87	ppb
Barium	135-1	8.91	9.13	9.26	9.10	1.96	ppb
Barium	137-1	9.03	8.90	9.01	8.98	0.79	ppb
Beryllium	9-1	0.96	0.81	0.88	0.88	8.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.71	19.55	21.98	20.75	5.84	ppb
Boron	11-1	20.43	20.51	20.84	20.60	1.07	ppb
Cadmium	111-1	0.92	1.01	0.90	0.95	5.96	ppb
Cadmium	106-1	1.43	1.30	0.45	1.06	50.51	ppb
Cadmium	108-1	1.56	0.95	0.71	1.07	40.66	ppb
Calcium	43-1	450.21	431.34	424.87	435.47	3.02	ppb
Calcium	44-1	442.05	447.83	440.84	443.58	0.84	ppb
Chromium	52-2	1.82	1.94	2.02	1.93	5.40	ppb
Cobalt	59-2	0.90	0.96	0.91	0.92	3.95	ppb
Copper	63-2	2.10	2.09	2.06	2.08	0.95	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	46.12	45.68	46.45	46.08	0.84	ppb
Iron	57-2	46.34	41.96	42.93	43.74	5.26	ppb
Lead	206-1	1.10	1.09	1.05	1.08	2.19	ppb
Lead	207-1	1.06	1.04	1.08	1.06	1.81	ppb
Lead	208-1	1.10	1.10	1.09	1.09	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	427.89	437.67	431.59	432.38	1.14	ppb
Manganese	55-2	0.94	0.84	1.01	0.93	8.91	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.89	1.85	1.87	1.03	ppb
Molybdenum	95-1	4.28	4.35	4.25	4.29	1.25	ppb
Molybdenum	96-1	3.76	3.68	3.59	3.67	2.26	ppb
Molybdenum	97-1	4.25	4.22	4.22	4.23	0.39	ppb
Molybdenum	98-1	4.20	4.33	4.17	4.23	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.08	0.79	0.93	15.76	ppb
Phosphorus	31-2	-14.43	13.72	-0.34	-0.35		ppb
Potassium	39-2	465.41	464.43	448.30	459.38	2.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.64	0.00	3.32	3.32	100.00	ppb
Selenium	78-2	5.25	4.75	3.61	4.54	18.59	ppb
Selenium	82-1	3.96	5.08	4.53	4.52	12.31	ppb
Silicon	28-1	5.87	16.64	9.46	10.66	51.45	ppb
Silver	109-1	1.32	1.30	1.36	1.33	2.54	ppb
Silver	107-1	1.22	1.24	1.31	1.26	3.62	ppb
Sodium	23-2	437.38	438.82	450.64	442.28	1.64	ppb
Strontium	86-1	0.88	0.91	0.87	0.89	2.81	ppb
Strontium	88-1	0.91	0.93	0.87	0.91	3.30	ppb
Sulfur	34-1	-274.11	141.97	-78.79	-70.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.92	0.88	0.90	1.92	ppb
Thallium	205-1	0.90	0.95	0.88	0.91	3.64	ppb
Tin	118-1	4.60	4.55	4.66	4.60	1.22	ppb
Titanium	47-1	4.26	4.20	4.11	4.19	1.75	ppb
Uranium	238-1	0.83	0.87	0.82	0.84	2.90	ppb
Vanadium	51-2	4.70	4.56	4.54	4.60	1.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.80	2.33	1.74	1.96	16.72	ppb
Zirconium	90-1	0.82	0.89	0.82	0.84	5.04	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.85	0.85	0.86	1.42	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:03:56 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	894.19	958.44	989.49	947.37	5.13	ppb
Antimony	121-1	52.66	53.19	52.25	52.70	0.90	ppb
Arsenic	75-2	50.57	50.03	50.10	50.23	0.59	ppb
Barium	135-1	263.11	264.14	255.22	260.82	1.87	ppb
Barium	137-1	256.71	261.81	256.60	258.37	1.15	ppb
Beryllium	9-1	51.96	50.35	50.36	50.89	1.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.92	50.60	49.64	49.72	1.70	ppb
Boron	11-1	49.69	48.65	49.18	49.17	1.06	ppb
Cadmium	111-1	53.50	54.18	53.68	53.79	0.65	ppb
Cadmium	106-1	54.40	54.12	54.29	54.27	0.26	ppb
Cadmium	108-1	55.97	53.73	54.86	54.85	2.04	ppb
Calcium	43-1	4916.45	5072.08	4853.06	4947.20	2.28	ppb
Calcium	44-1	5093.19	5118.74	5040.81	5084.25	0.78	ppb
Chromium	52-2	51.13	50.20	51.36	50.90	1.20	ppb
Cobalt	59-2	50.88	50.26	51.42	50.85	1.13	ppb
Copper	63-2	104.14	102.79	104.42	103.78	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2620.69	2605.86	2634.29	2620.28	0.54	ppb
Iron	57-2	2498.06	2577.38	2598.48	2557.97	2.07	ppb
Lead	206-1	48.38	49.23	49.06	48.89	0.92	ppb
Lead	207-1	47.76	48.86	49.08	48.57	1.46	ppb
Lead	208-1	48.33	49.01	49.42	48.92	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	4857.03	4910.67	4975.04	4914.25	1.20	ppb
Manganese	55-2	103.75	104.00	105.66	104.47	0.99	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:03:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.07	49.78	49.45	49.43	0.72	ppb
Molybdenum	95-1	49.54	49.13	49.05	49.24	0.54	ppb
Molybdenum	96-1	49.34	49.66	48.98	49.33	0.68	ppb
Molybdenum	97-1	49.22	49.29	49.63	49.38	0.44	ppb
Molybdenum	98-1	49.14	49.63	49.41	49.39	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.86	51.99	51.95	52.26	0.98	ppb
Phosphorus	31-2	821.69	1088.58	1103.64	1004.64	15.79	ppb
Potassium	39-2	2559.81	2497.18	2597.20	2551.40	1.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	79.34	79.53	66.32	75.06	10.09	ppb
Selenium	78-2	49.77	52.65	44.41	48.94	8.54	ppb
Selenium	82-1	50.82	51.29	52.79	51.63	1.99	ppb
Silicon	28-1	65.13	64.53	63.04	64.23	1.68	ppb
Silver	109-1	54.05	54.96	53.42	54.14	1.43	ppb
Silver	107-1	54.03	54.36	53.37	53.92	0.94	ppb
Sodium	23-2	4923.81	4931.49	4960.10	4938.47	0.39	ppb
Strontium	86-1	50.54	50.90	51.02	50.82	0.49	ppb
Strontium	88-1	50.88	51.19	51.22	51.10	0.37	ppb
Sulfur	34-1	1382.14	1602.65	1153.60	1379.47	16.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.53	49.34	49.58	49.15	1.12	ppb
Thallium	205-1	49.11	50.68	49.38	49.72	1.69	ppb
Tin	118-1	52.34	53.65	52.24	52.74	1.49	ppb
Titanium	47-1	50.01	51.09	51.43	50.85	1.46	ppb
Uranium	238-1	47.48	47.99	47.72	47.73	0.53	ppb
Vanadium	51-2	50.60	50.31	51.54	50.82	1.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.75	108.02	107.94	107.90	0.13	ppb
Zirconium	90-1	49.30	49.97	49.77	49.68	0.69	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:03:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.23	49.26	49.23	49.24	0.04	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2316.60	2461.20	2424.47	2400.76	3.13	ppb
Antimony	121-1	131.76	130.50	131.08	131.11	0.48	ppb
Arsenic	75-2	124.19	120.77	123.30	122.75	1.44	ppb
Barium	135-1	649.52	647.15	646.65	647.77	0.24	ppb
Barium	137-1	662.32	647.95	648.15	652.80	1.26	ppb
Beryllium	9-1	127.02	125.66	125.02	125.90	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	122.84	118.32	120.74	120.63	1.88	ppb
Boron	11-1	121.93	122.46	125.61	123.33	1.61	ppb
Cadmium	111-1	132.49	132.17	133.67	132.78	0.59	ppb
Cadmium	106-1	137.81	135.60	139.09	137.50	1.29	ppb
Cadmium	108-1	138.89	131.40	135.76	135.35	2.78	ppb
Calcium	43-1	12490.19	12307.71	12345.26	12381.05	0.78	ppb
Calcium	44-1	12418.36	12452.35	12358.55	12409.75	0.38	ppb
Chromium	52-2	124.25	130.67	131.91	128.94	3.19	ppb
Cobalt	59-2	123.51	127.81	129.41	126.91	2.40	ppb
Copper	63-2	250.01	259.98	262.02	257.34	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6257.97	6564.85	6560.50	6461.11	2.72	ppb
Iron	57-2	6245.96	6454.47	6480.08	6393.51	2.01	ppb
Lead	206-1	124.31	123.07	122.99	123.45	0.60	ppb
Lead	207-1	122.74	122.38	122.00	122.37	0.30	ppb
Lead	208-1	123.95	123.13	123.12	123.40	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	11956.48	12422.06	12545.03	12307.86	2.52	ppb
Manganese	55-2	254.51	266.89	267.70	263.03	2.81	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.51	126.76	124.67	124.98	1.32	ppb
Molybdenum	95-1	123.88	124.21	123.01	123.70	0.50	ppb
Molybdenum	96-1	121.97	125.69	124.72	124.13	1.55	ppb
Molybdenum	97-1	123.34	125.82	126.90	125.35	1.46	ppb
Molybdenum	98-1	122.69	124.11	122.88	123.23	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.43	131.51	131.92	129.62	2.80	ppb
Phosphorus	31-2	2600.03	2434.20	2807.54	2613.92	7.16	ppb
Potassium	39-2	6187.96	6455.77	6579.37	6407.70	3.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	105.42	159.61	99.13	121.39	27.39	ppb
Selenium	78-2	120.82	132.45	137.14	130.14	6.46	ppb
Selenium	82-1	125.85	129.84	127.51	127.73	1.57	ppb
Silicon	28-1	128.76	126.31	129.83	128.30	1.41	ppb
Silver	109-1	134.24	134.07	135.10	134.47	0.41	ppb
Silver	107-1	133.50	131.65	134.03	133.06	0.94	ppb
Sodium	23-2	12089.95	12782.96	12893.21	12588.71	3.46	ppb
Strontium	86-1	125.59	127.57	126.40	126.52	0.79	ppb
Strontium	88-1	126.71	129.64	127.57	127.97	1.17	ppb
Sulfur	34-1	3251.82	2877.22	2918.84	3015.96	6.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	125.40	123.59	123.43	124.14	0.88	ppb
Thallium	205-1	128.66	125.81	126.59	127.02	1.16	ppb
Tin	118-1	129.84	129.25	131.17	130.09	0.75	ppb
Titanium	47-1	124.95	125.95	127.18	126.02	0.89	ppb
Uranium	238-1	121.85	122.02	121.29	121.72	0.32	ppb
Vanadium	51-2	124.25	128.55	129.77	127.52	2.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	254.13	265.05	264.19	261.12	2.33	ppb
Zirconium	90-1	124.22	126.10	125.74	125.36	0.79	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:07:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.78	124.06	123.07	122.97	0.93	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4786.97	4780.04	4904.91	4823.97	1.45	ppb
Antimony	121-1	258.05	259.37	262.28	259.90	0.83	ppb
Arsenic	75-2	247.62	247.91	247.96	247.83	0.07	ppb
Barium	135-1	1288.00	1276.80	1291.67	1285.49	0.60	ppb
Barium	137-1	1271.95	1270.09	1271.98	1271.34	0.09	ppb
Beryllium	9-1	244.84	245.44	248.90	246.39	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	240.14	243.20	249.56	244.30	1.97	ppb
Boron	11-1	243.11	245.05	248.28	245.48	1.06	ppb
Cadmium	111-1	259.74	258.28	257.67	258.56	0.41	ppb
Cadmium	106-1	253.98	257.35	257.54	256.29	0.78	ppb
Cadmium	108-1	259.11	263.22	262.58	261.64	0.84	ppb
Calcium	43-1	24689.55	24383.49	24310.65	24461.23	0.82	ppb
Calcium	44-1	24714.22	24588.46	24370.45	24557.71	0.71	ppb
Chromium	52-2	254.33	253.32	256.29	254.65	0.59	ppb
Cobalt	59-2	252.87	251.43	254.08	252.79	0.52	ppb
Copper	63-2	512.58	511.19	517.35	513.71	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12722.43	12794.68	12866.55	12794.55	0.56	ppb
Iron	57-2	12682.76	12562.31	12779.99	12675.02	0.86	ppb
Lead	206-1	240.47	243.93	244.43	242.95	0.89	ppb
Lead	207-1	238.04	239.76	241.51	239.77	0.72	ppb
Lead	208-1	245.02	246.87	247.17	246.35	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	24664.57	24490.70	24585.10	24580.12	0.35	ppb
Manganese	55-2	517.70	513.93	522.48	518.04	0.83	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	246.61	253.13	249.33	249.69	1.31	ppb
Molybdenum	95-1	241.63	244.91	244.32	243.62	0.72	ppb
Molybdenum	96-1	243.33	244.06	242.51	243.30	0.32	ppb
Molybdenum	97-1	242.77	246.36	243.17	244.10	0.81	ppb
Molybdenum	98-1	251.14	249.14	247.27	249.18	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.44	256.80	259.92	258.05	0.64	ppb
Phosphorus	31-2	4923.39	5351.64	4965.25	5080.10	4.65	ppb
Potassium	39-2	12735.23	12671.83	12714.94	12707.33	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	208.87	270.66	239.31	239.61	12.90	ppb
Selenium	78-2	262.78	256.54	268.88	262.73	2.35	ppb
Selenium	82-1	248.16	256.65	253.12	252.64	1.69	ppb
Silicon	28-1	261.12	256.73	254.95	257.60	1.23	ppb
Silver	109-1	266.49	266.14	263.46	265.36	0.63	ppb
Silver	107-1	262.51	265.48	266.14	264.71	0.73	ppb
Sodium	23-2	25036.95	24793.90	24816.61	24882.49	0.54	ppb
Strontium	86-1	246.05	250.27	249.14	248.48	0.88	ppb
Strontium	88-1	247.32	250.71	251.17	249.73	0.84	ppb
Sulfur	34-1	6093.56	5903.52	5663.90	5886.99	3.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	241.47	243.41	245.55	243.48	0.84	ppb
Thallium	205-1	248.20	251.21	250.66	250.02	0.64	ppb
Tin	118-1	260.57	261.17	259.25	260.33	0.38	ppb
Titanium	47-1	248.64	246.37	244.31	246.44	0.88	ppb
Uranium	238-1	242.58	242.40	243.85	242.94	0.33	ppb
Vanadium	51-2	253.48	251.60	255.87	253.65	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	518.93	518.34	520.18	519.15	0.18	ppb
Zirconium	90-1	244.58	248.84	246.39	246.61	0.87	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.49	246.84	246.56	245.63	0.76	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:14:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9684.70	9751.32	9752.04	9729.35	0.40	ppb
Antimony	121-1	507.58	549.67	551.42	536.23	4.63	ppb
Arsenic	75-2	493.69	498.32	500.78	497.59	0.72	ppb
Barium	135-1	2519.59	2745.13	2743.96	2669.56	4.87	ppb
Barium	137-1	2510.66	2717.33	2705.72	2644.57	4.39	ppb
Beryllium	9-1	498.76	529.78	541.93	523.49	4.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	487.28	515.52	560.52	521.11	7.09	ppb
Boron	11-1	493.93	528.20	549.47	523.87	5.35	ppb
Cadmium	111-1	498.83	549.48	548.08	532.13	5.42	ppb
Cadmium	106-1	502.36	551.04	556.95	536.79	5.58	ppb
Cadmium	108-1	510.38	561.40	546.73	539.50	4.87	ppb
Calcium	43-1	48734.89	53242.81	53516.89	51831.53	5.18	ppb
Calcium	44-1	48791.37	53092.55	53266.45	51716.79	4.90	ppb
Chromium	52-2	500.62	505.02	506.34	503.99	0.59	ppb
Cobalt	59-2	496.13	497.38	504.07	499.19	0.85	ppb
Copper	63-2	1014.84	1011.44	1019.21	1015.16	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25171.43	25266.89	25297.35	25245.22	0.26	ppb
Iron	57-2	25002.52	25167.22	25172.65	25114.13	0.39	ppb
Lead	206-1	497.60	552.51	546.34	532.15	5.65	ppb
Lead	207-1	504.67	545.46	538.54	529.55	4.12	ppb
Lead	208-1	498.04	549.18	542.42	529.88	5.24	ppb
Lithium	6-1						%
Magnesium	24-2	50027.41	50249.13	50508.64	50261.73	0.48	ppb
Manganese	55-2	1005.24	1023.06	1007.67	1011.99	0.96	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:14:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.84	532.80	542.45	525.70	4.04	ppb
Molybdenum	95-1	498.76	542.20	545.25	528.74	4.92	ppb
Molybdenum	96-1	500.58	529.54	540.66	523.59	3.95	ppb
Molybdenum	97-1	489.21	526.05	535.11	516.79	4.70	ppb
Molybdenum	98-1	499.86	529.38	541.66	523.63	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.68	511.81	509.58	509.02	0.61	ppb
Phosphorus	31-2	10578.20	9917.95	9979.08	10158.41	3.59	ppb
Potassium	39-2	24958.18	24951.21	25263.93	25057.77	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	539.23	492.08	552.79	528.03	6.04	ppb
Selenium	78-2	508.09	487.47	514.30	503.29	2.79	ppb
Selenium	82-1	498.24	537.60	548.74	528.19	5.02	ppb
Silicon	28-1	507.37	573.39	590.49	557.08	7.88	ppb
Silver	109-1	511.34	564.62	559.26	545.08	5.38	ppb
Silver	107-1	507.07	553.40	549.43	536.63	4.79	ppb
Sodium	23-2	49804.40	49559.37	50156.41	49840.06	0.60	ppb
Strontium	86-1	497.09	535.08	545.23	525.80	4.83	ppb
Strontium	88-1	495.18	537.48	540.30	524.32	4.82	ppb
Sulfur	34-1	11216.88	13393.98	13825.75	12812.20	10.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.14	561.94	547.29	535.12	6.46	ppb
Thallium	205-1	494.10	553.44	543.60	530.38	6.00	ppb
Tin	118-1	508.35	549.82	549.45	535.87	4.45	ppb
Titanium	47-1	493.19	541.66	541.23	525.36	5.30	ppb
Uranium	238-1	484.52	535.28	527.35	515.72	5.29	ppb
Vanadium	51-2	504.97	500.30	503.36	502.88	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1004.90	1023.51	1018.59	1015.66	0.95	ppb
Zirconium	90-1	493.34	534.66	537.27	521.76	4.72	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:14:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.60	537.73	539.28	523.87	4.84	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19682.26	18787.85	19172.74	19214.28	2.33	ppb
Antimony	121-1	969.78	981.84	983.92	978.51	0.78	ppb
Arsenic	75-2	1003.92	1003.95	998.17	1002.02	0.33	ppb
Barium	135-1	4856.37	4908.60	4943.91	4902.96	0.90	ppb
Barium	137-1	4873.15	4894.49	4987.83	4918.49	1.24	ppb
Beryllium	9-1	972.05	988.50	1006.45	989.00	1.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	963.32	999.56	1011.74	991.54	2.54	ppb
Boron	11-1	963.47	988.58	1016.62	989.56	2.69	ppb
Cadmium	111-1	973.84	973.33	994.72	980.63	1.24	ppb
Cadmium	106-1	964.49	972.75	997.54	978.26	1.76	ppb
Cadmium	108-1	969.98	968.86	988.57	975.80	1.13	ppb
Calcium	43-1	98806.37	97894.73	99001.01	98567.37	0.60	ppb
Calcium	44-1	96976.29	98113.79	98712.63	97934.24	0.90	ppb
Chromium	52-2	1011.76	983.23	993.92	996.30	1.45	ppb
Cobalt	59-2	1015.51	987.16	995.60	999.42	1.46	ppb
Copper	63-2	2031.75	1960.12	1971.79	1987.88	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	50699.63	48897.71	49744.40	49780.58	1.81	ppb
Iron	57-2	50093.42	49034.90	49517.41	49548.58	1.07	ppb
Lead	206-1	979.66	985.18	992.96	985.94	0.68	ppb
Lead	207-1	979.72	975.07	1009.75	988.18	1.90	ppb
Lead	208-1	977.40	983.33	997.95	986.23	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	102001.03	98787.26	99489.24	100092.51	1.69	ppb
Manganese	55-2	2010.71	1965.18	1987.04	1987.64	1.15	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	982.13	990.88	988.82	987.28	0.46	ppb
Molybdenum	95-1	975.66	991.78	994.85	987.43	1.04	ppb
Molybdenum	96-1	991.94	986.47	991.67	990.03	0.31	ppb
Molybdenum	97-1	978.34	990.98	1009.89	993.07	1.60	ppb
Molybdenum	98-1	977.55	989.91	998.47	988.64	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.61	981.24	991.50	992.78	1.23	ppb
Phosphorus	31-2	20081.55	19696.77	19880.58	19886.30	0.97	ppb
Potassium	39-2	49565.65	48129.71	48658.07	48784.48	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	989.52	987.25	986.58	987.79	0.16	ppb
Selenium	78-2	1005.29	986.50	991.97	994.59	0.97	ppb
Selenium	82-1	981.64	983.49	989.33	984.82	0.41	ppb
Silicon	28-1	948.13	977.20	979.95	968.43	1.82	ppb
Silver	109-1	964.60	970.19	981.89	972.23	0.91	ppb
Silver	107-1	968.32	975.67	986.41	976.80	0.93	ppb
Sodium	23-2	100602.74	98423.11	99151.71	99392.52	1.12	ppb
Strontium	86-1	992.31	988.49	980.95	987.25	0.59	ppb
Strontium	88-1	987.27	982.84	992.33	987.48	0.48	ppb
Sulfur	34-1	18106.11	18372.25	18387.69	18288.68	0.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	984.99	971.13	996.55	984.22	1.29	ppb
Thallium	205-1	976.10	975.89	1001.71	984.57	1.51	ppb
Tin	118-1	975.08	970.05	991.00	978.71	1.12	ppb
Titanium	47-1	977.63	992.76	993.74	988.04	0.91	ppb
Uranium	238-1	990.48	988.40	1004.40	994.43	0.88	ppb
Vanadium	51-2	1008.81	984.17	998.90	997.30	1.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2005.32	1962.57	1988.89	1985.59	1.09	ppb
Zirconium	90-1	983.51	990.58	995.73	989.94	0.62	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	985.11	989.64	993.59	989.45	0.43	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98391.37	100200.13	101996.55	100196.02	1.80	ppb
Antimony	121-1	2.07	2.08	2.06	2.07	0.68	ppb
Arsenic	75-2	0.26	0.27	0.17	0.24	23.72	ppb
Barium	135-1	1.57	1.47	1.66	1.57	6.33	ppb
Barium	137-1	1.48	1.50	1.50	1.49	0.74	ppb
Beryllium	9-1	0.29	0.31	0.25	0.28	9.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	34.01	32.84	30.19	32.35	6.05	ppb
Boron	11-1	36.84	33.19	30.70	33.58	9.19	ppb
Cadmium	111-1	0.12	0.17	0.15	0.15	15.39	ppb
Cadmium	106-1	0.70	0.24	0.20	0.38	72.86	ppb
Cadmium	108-1	0.33	0.17	0.12	0.21	53.41	ppb
Calcium	43-1	501042.46	497917.19	501441.99	500133.88	0.39	ppb
Calcium	44-1	498092.92	498250.30	504451.96	500265.06	0.72	ppb
Chromium	52-2	3.48	3.73	3.81	3.67	4.62	ppb
Cobalt	59-2	1.18	1.08	1.18	1.14	5.08	ppb
Copper	63-2	2.89	2.91	2.98	2.93	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	246259.91	247375.36	256359.20	249998.16	2.21	ppb
Iron	57-2	247098.78	249460.64	253638.44	250065.95	1.32	ppb
Lead	206-1	1.91	1.86	1.83	1.87	2.22	ppb
Lead	207-1	1.71	1.71	1.70	1.71	0.34	ppb
Lead	208-1	1.82	1.77	1.78	1.79	1.71	ppb
Lithium	6-1						%
Magnesium	24-2	489151.18	498393.62	512401.34	499982.05	2.34	ppb
Manganese	55-2	4.95	5.11	5.52	5.19	5.73	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.46	0.45	0.42	0.44	4.77	ppb
Molybdenum	95-1	0.95	0.97	0.88	0.93	5.18	ppb
Molybdenum	96-1	1.32	1.27	1.24	1.28	3.14	ppb
Molybdenum	97-1	1.02	1.01	0.98	1.00	1.81	ppb
Molybdenum	98-1	0.92	0.94	0.94	0.93	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.41	2.62	2.46	5.63	ppb
Phosphorus	31-2	0.35	15.36	-14.43	0.43	3489.58	ppb
Potassium	39-2	244925.51	248043.48	257698.76	250222.58	2.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.57	0.00	0.00	1.19	173.21	ppb
Selenium	78-2	-1.92	0.44	-1.34	-0.94		ppb
Selenium	82-1	0.17	0.84	1.18	0.73	70.08	ppb
Silicon	28-1	140.07	151.88	161.24	151.07	7.02	ppb
Silver	109-1	0.12	0.09	0.09	0.10	15.71	ppb
Silver	107-1	0.11	0.08	0.09	0.09	17.37	ppb
Sodium	23-2	490338.87	497485.76	512600.84	500141.82	2.27	ppb
Strontium	86-1	33.44	34.17	34.17	33.93	1.24	ppb
Strontium	88-1	34.07	34.22	34.38	34.22	0.44	ppb
Sulfur	34-1	100.87	123.97	256.03	160.29	52.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.29	0.32	0.29	0.30	5.18	ppb
Thallium	205-1	0.34	0.28	0.29	0.30	9.68	ppb
Tin	118-1	0.67	0.61	0.67	0.65	5.57	ppb
Titanium	47-1	1.22	0.77	0.73	0.91	29.87	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.47	ppb
Vanadium	51-2	0.33	0.36	0.35	0.34	4.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.25	6.57	7.55	7.13	7.04	ppb
Zirconium	90-1	0.20	0.17	0.19	0.19	5.80	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.13	0.18	22.62	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:23:41	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	543.45	509.75	529.63	527.61	3.21	ppb
Antimony	121-1	205.64	197.67	198.65	200.66	2.17	ppb
Arsenic	75-2	196.78	199.41	201.68	199.29	1.23	ppb
Barium	135-1	101.19	98.35	100.84	100.13	1.54	ppb
Barium	137-1	99.63	99.21	100.42	99.75	0.62	ppb
Beryllium	9-1	94.70	96.78	95.48	95.65	1.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	533.12	569.89	555.57	552.86	3.35	ppb
Boron	11-1	554.23	575.27	563.62	564.37	1.87	ppb
Cadmium	111-1	105.82	103.43	103.71	104.32	1.25	ppb
Cadmium	106-1	163.26	159.01	154.10	158.79	2.88	ppb
Cadmium	108-1	137.39	132.77	132.65	134.27	2.01	ppb
Calcium	43-1	2115.35	2161.89	2187.77	2155.00	1.70	ppb
Calcium	44-1	2127.57	2124.12	2165.77	2139.16	1.08	ppb
Chromium	52-2	97.61	102.52	101.70	100.61	2.61	ppb
Cobalt	59-2	101.81	103.45	104.56	103.27	1.34	ppb
Copper	63-2	103.16	105.85	105.89	104.97	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1019.61	1040.70	1035.51	1031.94	1.06	ppb
Iron	57-2	1014.11	1061.65	1007.45	1027.74	2.88	ppb
Lead	206-1	197.70	196.70	197.44	197.28	0.26	ppb
Lead	207-1	188.08	186.81	187.73	187.54	0.35	ppb
Lead	208-1	197.46	196.07	196.51	196.68	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	1226.09	1234.16	1209.06	1223.10	1.05	ppb
Manganese	55-2	101.63	105.08	106.56	104.42	2.43	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:23:41	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.38	487.54	490.91	490.94	0.70	ppb
Molybdenum	95-1	487.83	497.32	497.73	494.29	1.13	ppb
Molybdenum	96-1	491.53	485.55	490.28	489.12	0.65	ppb
Molybdenum	97-1	487.10	484.24	484.13	485.15	0.35	ppb
Molybdenum	98-1	491.78	488.97	489.78	490.18	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.43	106.76	106.90	106.37	0.76	ppb
Phosphorus	31-2	13.97	29.26	-14.43	9.60	230.93	ppb
Potassium	39-2	1990.21	2037.10	2064.33	2030.55	1.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	178.74	242.55	255.33	225.54	18.19	ppb
Selenium	78-2	205.05	202.11	197.06	201.41	2.01	ppb
Selenium	82-1	200.42	200.09	199.04	199.85	0.36	ppb
Silicon	28-1	479.70	477.27	483.69	480.22	0.67	ppb
Silver	109-1	102.05	100.27	102.42	101.58	1.13	ppb
Silver	107-1	101.53	99.79	100.96	100.76	0.88	ppb
Sodium	23-2	2130.89	2185.03	2182.37	2166.09	1.41	ppb
Strontium	86-1	487.95	486.64	487.45	487.35	0.14	ppb
Strontium	88-1	492.21	492.83	487.41	490.82	0.60	ppb
Sulfur	34-1	-419.84	-608.81	-509.63	-512.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	201.60	200.18	202.55	201.44	0.59	ppb
Thallium	205-1	207.49	206.69	207.48	207.22	0.22	ppb
Tin	118-1	509.20	501.08	508.47	506.25	0.89	ppb
Titanium	47-1	488.05	488.23	492.21	489.50	0.48	ppb
Uranium	238-1	516.55	517.93	520.25	518.24	0.36	ppb
Vanadium	51-2	99.73	102.16	100.53	100.81	1.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	207.86	211.74	212.28	210.63	1.15	ppb
Zirconium	90-1	483.60	477.80	485.27	482.23	0.81	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:23:41	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.02	478.08	486.19	483.76	1.02	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:26:46 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	1.03	4.14	2.41	65.72	ppb
Antimony	121-1	0.21	0.16	0.16	0.18	18.16	ppb
Arsenic	75-2	-0.05	0.01	-0.05	-0.03		ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	-0.03	-0.04	-0.03	-0.03		ppb
Beryllium	9-1	0.09	0.05	0.06	0.07	30.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.77	13.32	12.80	12.63	6.25	ppb
Boron	11-1	13.05	11.78	11.80	12.21	5.92	ppb
Cadmium	111-1	0.04	-0.02	0.04	0.02	156.30	ppb
Cadmium	106-1	0.56	-0.20	0.65	0.34	138.45	ppb
Cadmium	108-1	0.10	0.04	0.09	0.08	44.54	ppb
Calcium	43-1	4.99	-12.53	-14.65	-7.40		ppb
Calcium	44-1	15.57	9.55	12.80	12.64	23.85	ppb
Chromium	52-2	-0.14	-0.13	-0.11	-0.13		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	514.51	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	1.10	1.14	0.88	1.04	13.40	ppb
Iron	57-2	2.34	0.46	2.96	1.92	67.70	ppb
Lead	206-1	0.07	0.07	0.04	0.06	26.90	ppb
Lead	207-1	0.08	0.03	0.03	0.05	60.45	ppb
Lead	208-1	0.06	0.05	0.05	0.05	17.80	ppb
Lithium	6-1						%
Magnesium	24-2	0.22	-1.09	2.82	0.65	305.34	ppb
Manganese	55-2	-0.07	0.04	-0.05	-0.03		ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:26:46	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.02	0.03	49.45	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	93.02	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.02	41.18	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	76.75	ppb
Molybdenum	98-1	0.02	0.02	0.00	0.01	89.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.09	-0.11	-0.08		ppb
Phosphorus	31-2	-14.43	14.74	14.72	5.01	335.94	ppb
Potassium	39-2	16.62	22.13	8.33	15.69	44.28	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	0.38	-1.35	-1.35	-0.77		ppb
Selenium	82-1	-0.56	0.24	-0.69	-0.34		ppb
Silicon	28-1	-7.56	-8.65	-11.09	-9.10		ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.53	ppb
Silver	107-1	0.02	0.01	0.02	0.01	19.92	ppb
Sodium	23-2	98.47	82.03	82.02	87.51	10.85	ppb
Strontium	86-1	0.05	0.04	0.04	0.04	11.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-449.16	-698.64	-933.14	-693.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.08	0.08	7.12	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	17.51	ppb
Tin	118-1	0.34	0.29	0.25	0.30	14.79	ppb
Titanium	47-1	0.01	0.01	0.06	0.03	94.67	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.03	-0.03		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.06	0.04	0.00		ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	58.49	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:26:46	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.02	0.03	35.44	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:29:55 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90263.24	102040.40	97725.77	96676.47	6.16	ppb
Antimony	121-1	1.17	1.22	1.18	1.19	2.28	ppb
Arsenic	75-2	0.38	0.21	0.40	0.33	31.02	ppb
Barium	135-1	1.34	1.42	1.48	1.41	4.93	ppb
Barium	137-1	1.35	1.32	1.45	1.37	4.84	ppb
Beryllium	9-1	0.31	0.26	0.29	0.29	7.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.86	10.76	10.16	10.60	3.57	ppb
Boron	11-1	10.70	10.53	10.11	10.45	2.94	ppb
Cadmium	111-1	0.29	0.24	0.19	0.24	20.73	ppb
Cadmium	106-1	-0.15	0.05	-0.82	-0.31		ppb
Cadmium	108-1	7.48	7.70	6.95	7.38	5.22	ppb
Calcium	43-1	96164.06	97213.99	95991.19	96456.41	0.69	ppb
Calcium	44-1	95752.88	96024.71	95083.83	95620.47	0.51	ppb
Chromium	52-2	19.58	22.19	20.64	20.80	6.31	ppb
Cobalt	59-2	1.15	1.26	1.18	1.20	4.60	ppb
Copper	63-2	7.62	8.92	8.45	8.33	7.91	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	98201.98	110449.43	106623.82	105091.74	5.96	ppb
Iron	57-2	100038.66	113039.99	110456.24	107844.96	6.38	ppb
Lead	206-1	4.53	4.56	4.57	4.55	0.50	ppb
Lead	207-1	3.85	3.88	3.87	3.87	0.40	ppb
Lead	208-1	4.15	4.17	4.14	4.15	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	98011.37	108159.40	105421.94	103864.24	5.05	ppb
Manganese	55-2	7.97	8.60	8.11	8.23	4.00	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:29:55	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	575.70	574.54	565.59	571.94	0.97	ppb
Molybdenum	95-1	1871.28	1849.07	1854.03	1858.12	0.63	ppb
Molybdenum	96-1	1540.67	1545.00	1530.61	1538.76	0.48	ppb
Molybdenum	97-1	1866.55	1852.04	1855.06	1857.88	0.41	ppb
Molybdenum	98-1	1877.27	1870.01	1864.86	1870.71	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.05	5.85	5.67	5.52	7.66	ppb
Phosphorus	31-2	99842.82	110003.36	106522.52	105456.23	4.90	ppb
Potassium	39-2	101038.15	112012.37	109912.11	107654.21	5.41	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	0.36	-1.28	-0.07	-0.33		ppb
Selenium	82-1	0.32	0.75	0.36	0.48	49.71	ppb
Silicon	28-1	21.27	20.30	19.62	20.40	4.08	ppb
Silver	109-1	0.16	0.17	0.15	0.16	5.95	ppb
Silver	107-1	0.19	0.15	0.16	0.17	12.53	ppb
Sodium	23-2	98242.34	109244.10	106007.44	104497.96	5.41	ppb
Strontium	86-1	32.63	32.59	32.39	32.54	0.39	ppb
Strontium	88-1	32.56	32.28	32.27	32.37	0.52	ppb
Sulfur	34-1	81032.48	82773.16	82249.03	82018.22	1.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.16	0.14	0.14	7.92	ppb
Thallium	205-1	0.12	0.15	0.14	0.14	9.48	ppb
Tin	118-1	0.32	0.26	0.26	0.28	11.90	ppb
Titanium	47-1	1888.62	1901.96	1893.36	1894.65	0.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.14	0.16	0.12	44.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.94	13.25	11.84	12.01	9.71	ppb
Zirconium	90-1	0.15	0.17	0.15	0.16	4.59	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:29:55	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.15	0.13	13.23	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91492.92	89948.18	89690.80	90377.30	1.08	ppb
Antimony	121-1	21.88	20.89	20.79	21.19	2.84	ppb
Arsenic	75-2	18.74	20.40	19.51	19.55	4.27	ppb
Barium	135-1	22.94	20.86	21.75	21.85	4.76	ppb
Barium	137-1	22.36	21.04	21.81	21.74	3.06	ppb
Beryllium	9-1	21.82	21.03	20.29	21.04	3.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.58	51.87	53.45	52.30	1.92	ppb
Boron	11-1	52.18	51.28	48.49	50.65	3.79	ppb
Cadmium	111-1	21.46	19.73	19.40	20.20	5.48	ppb
Cadmium	106-1	24.38	20.50	20.53	21.80	10.24	ppb
Cadmium	108-1	29.95	28.42	27.40	28.59	4.49	ppb
Calcium	43-1	106349.56	99860.14	96705.80	100971.83	4.87	ppb
Calcium	44-1	104435.82	98687.44	95834.90	99652.72	4.40	ppb
Chromium	52-2	40.64	39.50	40.08	40.07	1.42	ppb
Cobalt	59-2	21.42	21.32	21.15	21.30	0.65	ppb
Copper	63-2	28.00	28.33	27.75	28.02	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99964.05	99576.12	98239.07	99259.75	0.91	ppb
Iron	57-2	102299.09	101792.10	99765.11	101285.43	1.32	ppb
Lead	206-1	26.12	24.98	24.57	25.23	3.19	ppb
Lead	207-1	23.41	22.53	22.49	22.81	2.27	ppb
Lead	208-1	24.69	23.71	23.29	23.90	3.02	ppb
Lithium	6-1						%
Magnesium	24-2	98866.98	98223.63	96745.21	97945.27	1.11	ppb
Manganese	55-2	28.97	28.67	28.32	28.65	1.13	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	660.59	618.85	612.52	630.65	4.14	ppb
Molybdenum	95-1	2034.68	1926.04	1906.06	1955.59	3.54	ppb
Molybdenum	96-1	1689.86	1603.18	1578.77	1623.94	3.59	ppb
Molybdenum	97-1	2042.15	1916.73	1899.57	1952.82	3.99	ppb
Molybdenum	98-1	2051.92	1933.30	1917.79	1967.67	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.94	25.88	25.33	25.72	1.30	ppb
Phosphorus	31-2	100539.89	100641.00	101011.66	100730.85	0.25	ppb
Potassium	39-2	101125.74	101332.33	100222.99	100893.68	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.23	24.49	10.36	17.36	40.68	ppb
Selenium	78-2	13.55	17.28	19.91	16.92	18.91	ppb
Selenium	82-1	21.19	19.56	19.50	20.08	4.77	ppb
Silicon	28-1	78.62	65.25	60.84	68.24	13.57	ppb
Silver	109-1	20.18	19.00	19.02	19.40	3.49	ppb
Silver	107-1	19.93	18.76	18.86	19.18	3.39	ppb
Sodium	23-2	99071.23	98155.58	98029.75	98418.85	0.58	ppb
Strontium	86-1	74.10	68.68	68.87	70.55	4.36	ppb
Strontium	88-1	75.87	71.22	70.38	72.49	4.08	ppb
Sulfur	34-1	90085.20	83782.32	81073.81	84980.44	5.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.96	20.84	20.14	20.98	4.38	ppb
Thallium	205-1	21.70	20.73	20.27	20.90	3.48	ppb
Tin	118-1	40.13	37.09	36.98	38.07	4.70	ppb
Titanium	47-1	2113.61	2005.99	1938.51	2019.37	4.37	ppb
Uranium	238-1	39.20	36.83	36.27	37.43	4.15	ppb
Vanadium	51-2	20.65	19.88	20.19	20.24	1.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.90	32.34	31.49	31.58	2.29	ppb
Zirconium	90-1	38.99	36.35	36.39	37.24	4.05	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	38.41	36.53	36.31	37.08	3.11	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51469.14	52088.57	49885.56	51147.76	2.22	ppb
Antimony	121-1	493.48	498.31	501.52	497.77	0.81	ppb
Arsenic	75-2	502.03	513.17	492.06	502.42	2.10	ppb
Barium	135-1	2476.29	2523.81	2534.88	2511.66	1.24	ppb
Barium	137-1	2476.31	2500.89	2529.56	2502.26	1.07	ppb
Beryllium	9-1	493.14	502.64	502.99	499.59	1.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	503.04	509.39	516.68	509.70	1.34	ppb
Boron	11-1	497.78	510.53	525.25	511.19	2.69	ppb
Cadmium	111-1	476.54	482.34	482.38	480.42	0.70	ppb
Cadmium	106-1	480.60	488.49	479.89	482.99	0.99	ppb
Cadmium	108-1	480.62	481.60	489.19	483.80	0.97	ppb
Calcium	43-1	244321.54	243085.68	240623.26	242676.83	0.78	ppb
Calcium	44-1	243516.34	246082.98	244264.62	244621.31	0.54	ppb
Chromium	52-2	519.55	527.91	512.58	520.02	1.48	ppb
Cobalt	59-2	503.28	511.24	496.93	503.82	1.42	ppb
Copper	63-2	1008.17	1030.25	998.63	1012.35	1.60	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	125363.37	126715.10	123067.86	125048.78	1.47	ppb
Iron	57-2	127138.23	129609.46	127835.23	128194.31	0.99	ppb
Lead	206-1	498.06	504.83	508.88	503.92	1.08	ppb
Lead	207-1	501.45	514.28	511.81	509.18	1.34	ppb
Lead	208-1	499.52	506.43	510.36	505.44	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	249461.17	256251.44	246854.49	250855.70	1.93	ppb
Manganese	55-2	1040.69	1058.02	1033.63	1044.12	1.20	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.84	507.84	506.80	506.16	0.41	ppb
Molybdenum	95-1	505.11	515.07	508.50	509.56	0.99	ppb
Molybdenum	96-1	507.53	507.51	508.25	507.76	0.08	ppb
Molybdenum	97-1	509.29	493.68	495.27	499.41	1.72	ppb
Molybdenum	98-1	507.13	503.19	500.37	503.56	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.94	513.67	501.89	507.83	1.16	ppb
Phosphorus	31-2	10520.38	11186.98	10520.36	10742.57	3.58	ppb
Potassium	39-2	130188.60	134034.66	126770.06	130331.11	2.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	467.86	550.91	511.46	510.08	8.14	ppb
Selenium	78-2	496.74	536.62	490.72	508.02	4.91	ppb
Selenium	82-1	492.58	492.82	492.55	492.65	0.03	ppb
Silicon	28-1	483.69	488.41	483.54	485.21	0.57	ppb
Silver	109-1	482.20	494.91	493.42	490.18	1.42	ppb
Silver	107-1	479.85	487.00	488.43	485.09	0.95	ppb
Sodium	23-2	251660.10	256089.44	247908.49	251886.01	1.63	ppb
Strontium	86-1	508.59	518.75	522.19	516.51	1.37	ppb
Strontium	88-1	515.00	516.38	515.61	515.66	0.13	ppb
Sulfur	34-1	9562.22	9685.89	9731.89	9660.00	0.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.92	507.51	517.92	511.12	1.15	ppb
Thallium	205-1	500.65	502.90	511.08	504.88	1.09	ppb
Tin	118-1	495.44	504.46	500.65	500.19	0.91	ppb
Titanium	47-1	494.49	498.56	496.33	496.46	0.41	ppb
Uranium	238-1	510.88	516.94	510.61	512.81	0.70	ppb
Vanadium	51-2	518.62	524.70	512.69	518.67	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.97	1038.01	1006.25	1018.41	1.68	ppb
Zirconium	90-1	504.90	494.86	497.99	499.25	1.03	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.00	504.85	501.05	504.30	0.60	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P8
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:39:01 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.05	-1.05	3.08	0.32	737.18	ppb
Antimony	121-1	0.36	0.26	0.27	0.30	19.88	ppb
Arsenic	75-2	0.04	-0.05	-0.02	-0.01		ppb
Barium	135-1	0.13	-0.01	-0.01	0.04	214.50	ppb
Barium	137-1	0.09	-0.02	-0.04	0.01	772.43	ppb
Beryllium	9-1	0.17	0.14	0.07	0.13	42.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.59	11.65	12.36	13.20	15.91	ppb
Boron	11-1	14.08	12.81	11.57	12.82	9.76	ppb
Cadmium	111-1	0.01	-0.03	0.01	0.00		ppb
Cadmium	106-1	0.07	-0.50	0.15	-0.09		ppb
Cadmium	108-1	0.04	-0.02	0.03	0.02	185.14	ppb
Calcium	43-1	-5.11	-1.68	-22.91	-9.90		ppb
Calcium	44-1	32.74	11.45	12.09	18.76	64.57	ppb
Chromium	52-2	-0.19	-0.15	-0.15	-0.16		ppb
Cobalt	59-2	-0.04	-0.04	-0.02	-0.03		ppb
Copper	63-2	0.05	0.14	0.02	0.07	90.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.54	2.34	1.66	2.18	21.13	ppb
Iron	57-2	1.65	2.30	1.37	1.77	26.78	ppb
Lead	206-1	0.07	0.04	0.03	0.05	44.91	ppb
Lead	207-1	0.09	0.03	0.02	0.05	75.50	ppb
Lead	208-1	0.08	0.03	0.03	0.05	49.33	ppb
Lithium	6-1						%
Magnesium	24-2	1.44	4.28	1.26	2.33	72.70	ppb
Manganese	55-2	-0.08	0.02	-0.03	-0.03		ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:39:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.05	0.04	0.06	48.10	ppb
Molybdenum	95-1	0.12	0.07	0.04	0.08	51.10	ppb
Molybdenum	96-1	0.12	0.05	0.03	0.07	65.87	ppb
Molybdenum	97-1	0.13	0.05	0.07	0.08	49.30	ppb
Molybdenum	98-1	0.10	0.05	0.03	0.06	58.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.07	-0.04		ppb
Phosphorus	31-2	28.76	-14.43	29.04	14.46	173.04	ppb
Potassium	39-2	36.18	21.86	39.21	32.42	28.59	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	-1.36	-1.92	-1.92	-1.74		ppb
Selenium	82-1	-0.47	-0.25	0.06	-0.22		ppb
Silicon	28-1	-10.39	-17.93	-15.08	-14.47		ppb
Silver	109-1	0.08	0.04	0.04	0.05	46.65	ppb
Silver	107-1	0.06	0.05	0.03	0.05	35.31	ppb
Sodium	23-2	120.29	107.72	103.92	110.64	7.74	ppb
Strontium	86-1	0.04	0.05	0.01	0.03	65.81	ppb
Strontium	88-1	0.03	0.00	0.00	0.01	131.28	ppb
Sulfur	34-1	-1382.07	-1867.52	-1666.17	-1638.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.11	0.08	0.10	19.66	ppb
Thallium	205-1	0.14	0.10	0.08	0.10	28.53	ppb
Tin	118-1	0.22	0.18	0.15	0.18	18.83	ppb
Titanium	47-1	0.10	0.03	0.06	0.06	56.50	ppb
Uranium	238-1	0.01	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	-0.03	-0.03	-0.02	-0.03		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	0.10	-0.14	-0.05		ppb
Zirconium	90-1	0.08	0.04	0.04	0.05	44.38	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:39:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.03	0.03	0.05	71.80	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.03	17.34	13.80	18.39	28.26	ppb
Antimony	121-1	1.90	1.98	1.96	1.95	2.26	ppb
Arsenic	75-2	0.84	0.94	0.86	0.88	6.17	ppb
Barium	135-1	8.64	8.61	8.91	8.72	1.90	ppb
Barium	137-1	8.51	8.68	8.87	8.68	2.08	ppb
Beryllium	9-1	0.96	0.91	0.93	0.93	2.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.66	29.74	27.41	28.61	4.07	ppb
Boron	11-1	29.41	27.62	29.06	28.70	3.31	ppb
Cadmium	111-1	0.85	0.90	0.83	0.86	4.30	ppb
Cadmium	106-1	0.60	0.87	-1.01	0.15	674.38	ppb
Cadmium	108-1	1.08	0.94	1.10	1.04	8.50	ppb
Calcium	43-1	429.17	415.58	414.44	419.73	1.95	ppb
Calcium	44-1	449.73	448.10	453.13	450.32	0.57	ppb
Chromium	52-2	1.97	1.81	1.79	1.86	5.22	ppb
Cobalt	59-2	0.87	0.84	0.84	0.85	1.81	ppb
Copper	63-2	2.16	2.06	2.05	2.09	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.44	46.99	46.57	46.67	0.62	ppb
Iron	57-2	46.19	39.72	48.81	44.91	10.43	ppb
Lead	206-1	1.09	1.04	1.00	1.04	4.34	ppb
Lead	207-1	0.96	0.95	0.98	0.96	1.11	ppb
Lead	208-1	1.05	1.02	1.00	1.02	2.22	ppb
Lithium	6-1						%
Magnesium	24-2	433.75	440.89	417.79	430.81	2.75	ppb
Manganese	55-2	1.01	1.21	0.84	1.02	18.03	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	2.08	1.97	2.01	3.17	ppb
Molybdenum	95-1	4.41	4.33	4.48	4.41	1.80	ppb
Molybdenum	96-1	3.91	3.70	3.74	3.78	2.97	ppb
Molybdenum	97-1	4.29	4.32	4.14	4.25	2.29	ppb
Molybdenum	98-1	4.34	4.23	4.24	4.27	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.86	0.95	0.90	5.12	ppb
Phosphorus	31-2	27.79	-0.10	-14.43	4.42	485.65	ppb
Potassium	39-2	504.51	455.35	471.73	477.20	5.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.16	0.00	3.35	4.50	114.95	ppb
Selenium	78-2	2.02	5.33	-0.25	2.37	118.60	ppb
Selenium	82-1	4.28	5.08	4.18	4.51	10.91	ppb
Silicon	28-1	-7.58	-8.98	-7.62	-8.06		ppb
Silver	109-1	1.23	1.29	1.24	1.25	2.76	ppb
Silver	107-1	1.24	1.23	1.21	1.23	0.97	ppb
Sodium	23-2	520.04	521.29	497.44	512.92	2.62	ppb
Strontium	86-1	0.91	0.93	0.91	0.92	0.88	ppb
Strontium	88-1	0.90	0.92	0.90	0.91	1.09	ppb
Sulfur	34-1	-1593.67	-1862.71	-1825.93	-1760.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.96	0.92	0.96	3.75	ppb
Thallium	205-1	0.96	0.94	0.94	0.95	1.56	ppb
Tin	118-1	4.45	4.52	4.55	4.51	1.15	ppb
Titanium	47-1	4.13	3.98	4.70	4.27	8.94	ppb
Uranium	238-1	0.83	0.86	0.86	0.85	2.14	ppb
Vanadium	51-2	4.77	4.35	4.43	4.52	4.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.12	2.13	2.26	2.17	3.61	ppb
Zirconium	90-1	0.93	0.92	0.93	0.93	0.98	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.92	0.84	0.88	4.17	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : PB101792BL Instrumnet Name : P8
 Client Sample ID : PB101792BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:45:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	2.05	4.20	2.40	68.54	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	3.15	ppb
Arsenic	75-2	-0.02	0.01	-0.05	-0.02		ppb
Barium	135-1	-0.03	-0.01	0.01	-0.01		ppb
Barium	137-1	-0.04	-0.04	-0.04	-0.04		ppb
Beryllium	9-1	0.07	0.05	-0.01	0.04	115.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.28	7.53	8.15	7.99	4.97	ppb
Boron	11-1	7.75	7.84	7.06	7.55	5.67	ppb
Cadmium	111-1	0.06	0.00	-0.11	-0.02		ppb
Cadmium	106-1	0.90	0.22	-1.18	-0.02		ppb
Cadmium	108-1	0.04	0.06	0.15	0.08	69.97	ppb
Calcium	43-1	-7.58	-1.01	-17.19	-8.59		ppb
Calcium	44-1	8.80	6.03	8.62	7.82	19.87	ppb
Chromium	52-2	-0.22	-0.08	-0.05	-0.12		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.06	0.07	0.02	0.05	51.19	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	0.80	0.88	1.03	0.90	12.98	ppb
Iron	57-2	4.91	1.68	-0.45	2.05	131.70	ppb
Lead	206-1	0.04	0.03	0.04	0.04	15.88	ppb
Lead	207-1	0.03	0.02	0.03	0.03	12.58	ppb
Lead	208-1	0.03	0.04	0.03	0.03	9.18	ppb
Lithium	6-1						%
Magnesium	24-2	0.49	0.19	1.59	0.75	97.81	ppb
Manganese	55-2	-0.07	0.03	0.13	0.03	338.56	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : PB101792BL Instrumnet Name : P8
 Client Sample ID : PB101792BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:45:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	695.31	ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.16	-0.13		ppb
Phosphorus	31-2	-14.43	-14.43	29.79	0.31	8186.37	ppb
Potassium	39-2	3.88	9.58	14.25	9.24	56.26	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	-0.80	-1.92	-0.80	-1.17		ppb
Selenium	82-1	-0.38	0.17	-0.68	-0.30		ppb
Silicon	28-1	-19.62	-17.81	-20.05	-19.16		ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.36	ppb
Silver	107-1	0.02	0.01	0.02	0.02	56.96	ppb
Sodium	23-2	51.49	56.87	54.63	54.33	4.98	ppb
Strontium	86-1	0.02	-0.01	0.02	0.01	129.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1339.46	-1370.78	-1489.34	-1399.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	16.65	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	22.82	ppb
Tin	118-1	0.09	0.04	0.07	0.07	34.62	ppb
Titanium	47-1	0.00	0.06	0.07	0.04	80.07	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.03	0.00	-0.03	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.13	-0.04	-0.11	-0.01		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	41.82	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BL	Instrumnet Name :	P8
Client Sample ID :	PB101792BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:45:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	-0.01	0.00	624.70	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9746.26	9579.10	10078.22	9801.19	2.59	ppb
Antimony	121-1	496.79	497.67	502.76	499.07	0.65	ppb
Arsenic	75-2	497.40	498.24	518.15	504.60	2.33	ppb
Barium	135-1	2495.65	2468.86	2480.98	2481.83	0.54	ppb
Barium	137-1	2461.78	2471.21	2461.88	2464.95	0.22	ppb
Beryllium	9-1	488.88	477.99	488.43	485.10	1.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	472.34	471.32	485.64	476.43	1.68	ppb
Boron	11-1	475.71	472.67	492.80	480.39	2.26	ppb
Cadmium	111-1	488.56	487.78	495.10	490.48	0.82	ppb
Cadmium	106-1	497.35	498.25	492.68	496.09	0.60	ppb
Cadmium	108-1	493.48	497.34	502.77	497.86	0.94	ppb
Calcium	43-1	47745.13	48606.71	49226.23	48526.02	1.53	ppb
Calcium	44-1	48415.64	49266.01	49413.15	49031.60	1.10	ppb
Chromium	52-2	507.63	505.10	528.48	513.74	2.50	ppb
Cobalt	59-2	501.80	496.45	527.89	508.71	3.31	ppb
Copper	63-2	1034.51	1024.03	1086.50	1048.35	3.19	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	25626.60	25360.77	26782.19	25923.19	2.92	ppb
Iron	57-2	25285.72	25081.51	26449.14	25605.46	2.88	ppb
Lead	206-1	489.13	492.13	496.58	492.61	0.76	ppb
Lead	207-1	489.28	492.43	496.69	492.80	0.76	ppb
Lead	208-1	488.09	492.14	496.82	492.35	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	50880.74	50881.66	52631.01	51464.47	1.96	ppb
Manganese	55-2	1024.72	1013.85	1071.53	1036.70	2.96	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.34	497.41	500.71	496.15	1.07	ppb
Molybdenum	95-1	486.01	500.43	499.22	495.22	1.62	ppb
Molybdenum	96-1	493.56	496.93	499.75	496.75	0.62	ppb
Molybdenum	97-1	478.60	492.66	483.09	484.79	1.48	ppb
Molybdenum	98-1	489.79	496.74	488.99	491.84	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.22	509.60	537.94	520.25	2.96	ppb
Phosphorus	31-2	10567.33	10432.14	10856.94	10618.80	2.04	ppb
Potassium	39-2	24860.19	24925.33	26315.34	25366.95	3.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	492.77	528.37	526.25	515.80	3.87	ppb
Selenium	78-2	492.17	471.21	535.81	499.73	6.60	ppb
Selenium	82-1	485.18	493.85	490.10	489.71	0.89	ppb
Silicon	28-1	481.34	496.25	510.13	495.91	2.90	ppb
Silver	109-1	506.14	502.20	507.18	505.17	0.52	ppb
Silver	107-1	496.20	498.86	501.90	498.99	0.57	ppb
Sodium	23-2	50024.46	49977.82	52527.29	50843.19	2.87	ppb
Strontium	86-1	482.20	494.76	492.56	489.84	1.37	ppb
Strontium	88-1	490.95	493.38	495.94	493.42	0.51	ppb
Sulfur	34-1	10030.08	9876.56	10513.75	10140.13	3.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	492.83	490.74	500.12	494.56	1.00	ppb
Thallium	205-1	488.81	488.63	494.26	490.57	0.65	ppb
Tin	118-1	501.60	497.42	496.06	498.36	0.58	ppb
Titanium	47-1	484.87	488.72	493.13	488.91	0.85	ppb
Uranium	238-1	477.42	482.47	491.85	483.91	1.51	ppb
Vanadium	51-2	503.71	503.70	531.87	513.09	3.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1029.54	1014.34	1077.85	1040.57	3.19	ppb
Zirconium	90-1	481.06	493.48	486.81	487.12	1.28	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.39	496.84	494.04	494.42	0.45	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.67	88.40	98.46	94.51	5.68	ppb
Antimony	121-1	3.29	3.13	3.11	3.17	3.11	ppb
Arsenic	75-2	1.78	2.11	1.92	1.94	8.57	ppb
Barium	135-1	69.59	70.10	70.49	70.06	0.64	ppb
Barium	137-1	69.51	69.51	70.06	69.69	0.46	ppb
Beryllium	9-1	0.06	0.06	0.05	0.05	14.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.76	64.46	66.26	65.16	1.49	ppb
Boron	11-1	66.58	64.15	63.56	64.76	2.48	ppb
Cadmium	111-1	0.13	0.11	0.10	0.11	17.31	ppb
Cadmium	106-1	0.10	-0.17	-0.73	-0.26		ppb
Cadmium	108-1	0.40	0.22	0.31	0.31	29.21	ppb
Calcium	43-1	20591.77	20521.78	20750.18	20621.24	0.57	ppb
Calcium	44-1	20823.36	20772.37	20951.76	20849.16	0.44	ppb
Chromium	52-2	0.40	0.28	0.36	0.35	18.28	ppb
Cobalt	59-2	0.29	0.30	0.34	0.31	8.09	ppb
Copper	63-2	47.29	47.46	48.43	47.73	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.83	27.80	27.18	27.60	1.34	ppb
Iron	57-2	29.51	32.65	31.87	31.34	5.21	ppb
Lead	206-1	1.77	1.80	1.75	1.77	1.45	ppb
Lead	207-1	1.64	1.69	1.66	1.66	1.59	ppb
Lead	208-1	1.76	1.74	1.73	1.74	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	4845.43	4863.46	4920.65	4876.51	0.81	ppb
Manganese	55-2	127.05	127.48	130.18	128.24	1.32	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	19.58	19.51	19.54	19.54	0.17	ppb
Molybdenum	95-1	62.21	61.80	63.22	62.41	1.18	ppb
Molybdenum	96-1	52.76	52.31	52.53	52.53	0.43	ppb
Molybdenum	97-1	63.11	61.91	63.54	62.86	1.34	ppb
Molybdenum	98-1	62.95	62.64	64.14	63.24	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.74	2.72	2.66	4.62	ppb
Phosphorus	31-2	98.47	148.54	199.08	148.70	33.83	ppb
Potassium	39-2	6350.98	6416.54	6334.43	6367.32	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.93	0.00	3.99	2.64	86.61	ppb
Selenium	78-2	-0.62	2.02	2.06	1.16	132.72	ppb
Selenium	82-1	1.52	1.38	1.08	1.33	16.80	ppb
Silicon	28-1	2414.26	2431.82	2445.28	2430.45	0.64	ppb
Silver	109-1	1.00	0.90	0.82	0.90	10.03	ppb
Silver	107-1	0.91	0.89	0.86	0.89	2.98	ppb
Sodium	23-2	32168.58	32120.57	32469.31	32252.82	0.59	ppb
Strontium	86-1	68.19	69.63	69.61	69.14	1.20	ppb
Strontium	88-1	70.68	72.01	72.47	71.72	1.30	ppb
Sulfur	34-1	9555.07	9727.69	9534.51	9605.76	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.16	0.09	0.16	42.97	ppb
Thallium	205-1	0.22	0.17	0.12	0.17	28.15	ppb
Tin	118-1	4.32	3.64	3.73	3.90	9.44	ppb
Titanium	47-1	0.83	1.34	0.63	0.93	39.00	ppb
Uranium	238-1	2.86	2.88	2.92	2.89	1.03	ppb
Vanadium	51-2	4.95	4.64	4.99	4.86	3.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.42	38.34	39.72	39.16	1.85	ppb
Zirconium	90-1	0.31	0.29	0.29	0.30	5.29	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.26	0.22	0.27	20.56	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.06	115.55	100.51	106.37	7.57	ppb
Antimony	121-1	2.97	2.96	2.97	2.97	0.24	ppb
Arsenic	75-2	2.24	1.50	1.72	1.82	20.90	ppb
Barium	135-1	72.98	72.63	71.42	72.34	1.13	ppb
Barium	137-1	71.79	71.30	70.82	71.31	0.68	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.98	55.90	55.19	54.36	3.84	ppb
Boron	11-1	52.68	52.01	52.56	52.42	0.68	ppb
Cadmium	111-1	0.07	0.09	0.00	0.05	95.83	ppb
Cadmium	106-1	-0.66	-0.27	-1.37	-0.77		ppb
Cadmium	108-1	0.34	0.28	0.57	0.40	38.75	ppb
Calcium	43-1	21494.92	21175.57	21560.20	21410.23	0.96	ppb
Calcium	44-1	21869.96	21481.86	22017.68	21789.83	1.27	ppb
Chromium	52-2	0.42	0.34	0.35	0.37	10.71	ppb
Cobalt	59-2	0.24	0.32	0.36	0.31	18.64	ppb
Copper	63-2	50.18	50.89	50.35	50.48	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.61	29.21	28.97	28.60	3.01	ppb
Iron	57-2	27.23	31.70	33.89	30.94	10.96	ppb
Lead	206-1	1.79	1.72	1.62	1.71	5.03	ppb
Lead	207-1	1.64	1.61	1.64	1.63	1.06	ppb
Lead	208-1	1.68	1.69	1.64	1.67	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	5084.59	5156.52	5229.07	5156.73	1.40	ppb
Manganese	55-2	132.85	134.52	133.04	133.47	0.68	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	20.62	20.11	20.03	20.25	1.59	ppb
Molybdenum	95-1	65.83	64.73	63.69	64.75	1.65	ppb
Molybdenum	96-1	54.24	52.97	53.03	53.41	1.33	ppb
Molybdenum	97-1	66.66	65.56	64.07	65.43	1.98	ppb
Molybdenum	98-1	66.38	64.78	64.22	65.13	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.70	3.05	2.87	2.87	6.15	ppb
Phosphorus	31-2	70.49	126.28	89.82	95.53	29.66	ppb
Potassium	39-2	6297.06	6616.16	6477.70	6463.64	2.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.10	4.13	0.00	2.74	86.61	ppb
Selenium	78-2	0.12	-0.55	0.86	0.15	485.01	ppb
Selenium	82-1	0.82	0.59	0.32	0.58	43.09	ppb
Silicon	28-1	2518.11	2453.19	2500.55	2490.62	1.35	ppb
Silver	109-1	0.62	0.56	0.58	0.59	4.87	ppb
Silver	107-1	0.58	0.62	0.56	0.59	4.59	ppb
Sodium	23-2	33241.77	33763.00	34157.81	33720.86	1.36	ppb
Strontium	86-1	72.16	71.45	69.29	70.97	2.11	ppb
Strontium	88-1	74.05	72.74	72.90	73.23	0.98	ppb
Sulfur	34-1	10115.91	9400.01	10006.19	9840.70	3.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.03	0.03	14.84	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	6.34	ppb
Tin	118-1	2.95	2.82	2.91	2.89	2.36	ppb
Titanium	47-1	0.93	1.01	1.12	1.02	9.13	ppb
Uranium	238-1	3.02	3.07	3.05	3.05	0.90	ppb
Vanadium	51-2	4.76	5.04	4.88	4.89	2.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	41.85	43.98	42.28	42.70	2.64	ppb
Zirconium	90-1	0.25	0.23	0.23	0.24	6.86	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.22	0.23	6.01	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.67	24.05	11.35	20.02	37.55	ppb
Antimony	121-1	0.59	0.54	0.54	0.55	5.18	ppb
Arsenic	75-2	0.29	0.30	0.27	0.29	5.25	ppb
Barium	135-1	13.65	13.19	13.73	13.53	2.15	ppb
Barium	137-1	13.57	13.06	13.45	13.36	2.00	ppb
Beryllium	9-1	0.06	-0.01	0.03	0.02	148.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.83	17.98	18.77	18.53	2.54	ppb
Boron	11-1	17.10	18.95	18.29	18.11	5.17	ppb
Cadmium	111-1	0.01	-0.02	-0.06	-0.02		ppb
Cadmium	106-1	0.05	-0.34	-1.01	-0.43		ppb
Cadmium	108-1	0.32	0.09	0.12	0.18	70.56	ppb
Calcium	43-1	4047.28	3900.96	3992.75	3980.33	1.86	ppb
Calcium	44-1	4185.88	4128.55	4222.48	4178.97	1.13	ppb
Chromium	52-2	0.00	0.07	0.05	0.04	83.55	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	3.07	ppb
Copper	63-2	9.51	9.64	9.62	9.59	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.70	6.46	5.36	5.84	9.62	ppb
Iron	57-2	4.76	5.26	6.85	5.62	19.47	ppb
Lead	206-1	0.35	0.30	0.34	0.33	8.55	ppb
Lead	207-1	0.27	0.27	0.27	0.27	1.07	ppb
Lead	208-1	0.29	0.29	0.31	0.30	3.58	ppb
Lithium	6-1						%
Magnesium	24-2	945.28	976.52	975.46	965.76	1.84	ppb
Manganese	55-2	24.69	24.91	24.94	24.85	0.56	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.73	3.72	3.85	3.77	1.88	ppb
Molybdenum	95-1	12.49	12.28	12.23	12.33	1.11	ppb
Molybdenum	96-1	10.12	10.08	10.20	10.13	0.61	ppb
Molybdenum	97-1	12.11	12.34	12.71	12.39	2.46	ppb
Molybdenum	98-1	12.24	11.99	12.30	12.18	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.47	0.54	0.53	11.19	ppb
Phosphorus	31-2	16.95	17.60	17.21	17.25	1.88	ppb
Potassium	39-2	1251.24	1268.30	1209.12	1242.88	2.45	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	0.56	-1.31	-1.92	-0.89		ppb
Selenium	82-1	-0.17	0.14	0.49	0.15	217.05	ppb
Silicon	28-1	459.92	447.83	460.27	456.01	1.55	ppb
Silver	109-1	0.18	0.16	0.15	0.16	8.02	ppb
Silver	107-1	0.17	0.15	0.16	0.16	3.98	ppb
Sodium	23-2	6045.98	6208.76	6178.95	6144.57	1.41	ppb
Strontium	86-1	13.29	13.40	13.38	13.35	0.41	ppb
Strontium	88-1	13.53	13.43	13.87	13.61	1.71	ppb
Sulfur	34-1	-188.09	-430.11	-46.86	-221.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00	12541.41	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	122.67	ppb
Tin	118-1	0.28	0.28	0.38	0.31	19.22	ppb
Titanium	47-1	0.25	0.22	0.13	0.20	29.55	ppb
Uranium	238-1	0.55	0.54	0.53	0.54	1.52	ppb
Vanadium	51-2	0.95	1.02	0.92	0.97	5.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.01	7.81	8.94	8.26	7.31	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	31.63	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	46.40	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.55	81.94	40.93	57.47	37.62	ppb
Antimony	121-1	2.68	2.83	2.71	2.74	2.95	ppb
Arsenic	75-2	2.08	1.96	1.78	1.94	7.77	ppb
Barium	135-1	27.68	29.72	28.42	28.60	3.61	ppb
Barium	137-1	28.27	29.65	28.12	28.68	2.94	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	50.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.32	43.57	48.02	45.64	4.91	ppb
Boron	11-1	44.81	46.34	45.42	45.52	1.69	ppb
Cadmium	111-1	0.00	-0.08	-0.06	-0.05		ppb
Cadmium	106-1	-0.62	-1.63	-1.32	-1.19		ppb
Cadmium	108-1	0.22	0.42	0.37	0.33	30.64	ppb
Calcium	43-1	19924.26	21130.44	20306.66	20453.79	3.01	ppb
Calcium	44-1	20306.34	21450.05	20545.70	20767.37	2.90	ppb
Chromium	52-2	0.30	0.21	0.26	0.26	16.69	ppb
Cobalt	59-2	0.27	0.27	0.27	0.27	0.92	ppb
Copper	63-2	6.85	7.02	6.96	6.95	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26.43	28.74	27.33	27.50	4.23	ppb
Iron	57-2	27.45	25.37	26.73	26.51	3.98	ppb
Lead	206-1	0.26	0.29	0.24	0.27	9.25	ppb
Lead	207-1	0.22	0.30	0.24	0.25	17.18	ppb
Lead	208-1	0.25	0.27	0.25	0.26	4.48	ppb
Lithium	6-1						%
Magnesium	24-2	4967.76	4919.07	4892.11	4926.31	0.78	ppb
Manganese	55-2	129.67	127.37	126.12	127.72	1.41	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	19.60	20.16	19.68	19.81	1.53	ppb
Molybdenum	95-1	62.29	64.35	62.17	62.94	1.95	ppb
Molybdenum	96-1	52.30	54.11	51.83	52.75	2.28	ppb
Molybdenum	97-1	63.04	65.89	62.31	63.75	2.97	ppb
Molybdenum	98-1	62.14	65.53	63.24	63.64	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.42	1.32	1.35	4.96	ppb
Phosphorus	31-2	127.53	197.20	228.11	184.28	27.96	ppb
Potassium	39-2	6236.61	6206.14	6160.34	6201.03	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	8.49	4.19	4.23	100.41	ppb
Selenium	78-2	0.90	-0.51	0.87	0.42	192.58	ppb
Selenium	82-1	0.00	1.75	0.36	0.70	132.39	ppb
Silicon	28-1	2400.93	2490.01	2394.51	2428.48	2.20	ppb
Silver	109-1	0.25	0.23	0.22	0.23	5.94	ppb
Silver	107-1	0.21	0.23	0.22	0.22	6.10	ppb
Sodium	23-2	23990.81	23590.80	23412.78	23664.80	1.25	ppb
Strontium	86-1	67.75	70.58	67.26	68.53	2.61	ppb
Strontium	88-1	69.73	73.72	69.52	70.99	3.33	ppb
Sulfur	34-1	7619.33	8819.81	7814.59	8084.57	7.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.02	0.02	44.91	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	24.23	ppb
Tin	118-1	2.17	2.24	2.16	2.19	1.99	ppb
Titanium	47-1	0.97	1.24	1.23	1.15	13.21	ppb
Uranium	238-1	2.62	2.83	2.66	2.70	4.25	ppb
Vanadium	51-2	5.30	5.20	5.32	5.27	1.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.05	9.62	10.18	9.95	2.93	ppb
Zirconium	90-1	0.14	0.14	0.12	0.14	8.52	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.15	0.13	0.15	15.59	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9398.08	9241.20	9165.37	9268.22	1.28	ppb
Antimony	121-1	496.44	499.92	578.89	525.08	8.88	ppb
Arsenic	75-2	535.37	529.56	534.31	533.08	0.58	ppb
Barium	135-1	2436.00	2430.33	2820.86	2562.40	8.74	ppb
Barium	137-1	2437.02	2434.36	2814.25	2561.87	8.53	ppb
Beryllium	9-1	323.21	323.10	353.37	333.23	5.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	335.73	340.90	376.28	350.97	6.29	ppb
Boron	11-1	334.09	336.95	370.64	347.22	5.85	ppb
Cadmium	111-1	478.69	481.10	561.89	507.22	9.34	ppb
Cadmium	106-1	470.14	479.18	558.32	502.55	9.65	ppb
Cadmium	108-1	494.41	482.85	566.44	514.57	8.80	ppb
Calcium	43-1	69735.35	68660.43	81324.64	73240.14	9.59	ppb
Calcium	44-1	68851.13	68519.73	78647.22	72006.03	7.99	ppb
Chromium	52-2	563.73	542.67	547.33	551.25	2.01	ppb
Cobalt	59-2	559.42	535.94	541.48	545.61	2.25	ppb
Copper	63-2	1157.75	1127.36	1135.81	1140.30	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25659.35	24610.44	24777.43	25015.74	2.25	ppb
Iron	57-2	25306.74	24338.10	24601.58	24748.81	2.02	ppb
Lead	206-1	519.18	518.38	591.53	543.03	7.74	ppb
Lead	207-1	519.75	519.74	584.83	541.44	6.94	ppb
Lead	208-1	520.06	516.66	586.68	541.13	7.30	ppb
Lithium	6-1						%
Magnesium	24-2	58270.72	56810.90	56721.69	57267.77	1.52	ppb
Manganese	55-2	1131.15	1090.17	1094.65	1105.32	2.03	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	522.00	520.14	591.30	544.48	7.45	ppb
Molybdenum	95-1	548.68	555.49	626.49	576.88	7.47	ppb
Molybdenum	96-1	538.12	538.14	619.51	565.26	8.31	ppb
Molybdenum	97-1	547.64	549.17	613.75	570.19	6.62	ppb
Molybdenum	98-1	551.87	551.10	633.01	578.66	8.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.08	560.45	563.13	568.22	1.97	ppb
Phosphorus	31-2	159.95	86.31	137.69	127.98	29.51	ppb
Potassium	39-2	30198.48	28878.35	29281.14	29452.66	2.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	567.04	531.94	443.13	514.04	12.42	ppb
Selenium	78-2	523.79	483.36	498.07	501.74	4.08	ppb
Selenium	82-1	509.73	507.12	574.94	530.60	7.24	ppb
Silicon	28-1	2646.11	2612.88	3088.76	2782.58	9.55	ppb
Silver	109-1	486.31	487.83	567.30	513.81	9.02	ppb
Silver	107-1	480.12	479.22	561.31	506.88	9.30	ppb
Sodium	23-2	86300.84	83740.88	83766.04	84602.59	1.74	ppb
Strontium	86-1	69.48	69.12	79.37	72.66	8.00	ppb
Strontium	88-1	72.56	71.29	81.12	74.99	7.13	ppb
Sulfur	34-1	8057.60	7660.02	11320.97	9012.86	22.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	527.82	532.57	601.18	553.86	7.41	ppb
Thallium	205-1	526.46	533.49	603.43	554.46	7.68	ppb
Tin	118-1	453.10	452.90	527.44	477.81	8.99	ppb
Titanium	47-1	467.63	463.72	535.13	488.83	8.21	ppb
Uranium	238-1	515.31	512.99	588.00	538.76	7.92	ppb
Vanadium	51-2	555.82	533.62	537.23	542.22	2.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.85	1015.83	1015.23	1030.30	2.48	ppb
Zirconium	90-1	500.03	499.35	567.85	522.41	7.53	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.50	511.23	564.90	528.21	6.02	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9170.12	9119.50	9237.02	9175.55	0.64	ppb
Antimony	121-1	499.87	503.77	503.33	502.32	0.43	ppb
Arsenic	75-2	538.06	543.36	543.38	541.60	0.57	ppb
Barium	135-1	2432.79	2456.35	2443.50	2444.21	0.48	ppb
Barium	137-1	2429.19	2433.67	2448.54	2437.13	0.42	ppb
Beryllium	9-1	336.76	329.56	328.67	331.66	1.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	363.71	361.30	364.91	363.31	0.51	ppb
Boron	11-1	353.27	351.57	353.85	352.90	0.33	ppb
Cadmium	111-1	481.81	483.26	490.36	485.14	0.94	ppb
Cadmium	106-1	480.17	479.09	479.49	479.58	0.11	ppb
Cadmium	108-1	483.66	483.94	482.50	483.37	0.16	ppb
Calcium	43-1	72084.43	70325.96	70160.31	70856.90	1.50	ppb
Calcium	44-1	70539.57	70367.70	70678.36	70528.55	0.22	ppb
Chromium	52-2	553.99	548.23	552.04	551.42	0.53	ppb
Cobalt	59-2	552.38	545.42	545.55	547.79	0.73	ppb
Copper	63-2	1142.24	1130.82	1131.64	1134.90	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25410.82	24956.11	25219.05	25195.33	0.91	ppb
Iron	57-2	24737.39	24623.12	24609.39	24656.63	0.29	ppb
Lead	206-1	530.40	520.23	528.05	526.23	1.01	ppb
Lead	207-1	527.86	511.55	521.28	520.23	1.58	ppb
Lead	208-1	524.64	514.54	526.33	521.83	1.22	ppb
Lithium	6-1						%
Magnesium	24-2	57890.87	57258.45	58140.05	57763.12	0.79	ppb
Manganese	55-2	1117.05	1095.45	1108.02	1106.84	0.98	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	533.00	525.22	532.08	530.10	0.80	ppb
Molybdenum	95-1	560.96	559.30	561.38	560.55	0.20	ppb
Molybdenum	96-1	548.13	542.03	555.58	548.58	1.24	ppb
Molybdenum	97-1	548.03	543.05	555.46	548.85	1.14	ppb
Molybdenum	98-1	559.94	548.66	558.81	555.80	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.15	564.86	567.54	568.52	0.74	ppb
Phosphorus	31-2	88.70	171.85	87.88	116.14	41.54	ppb
Potassium	39-2	29333.23	29538.95	29760.54	29544.24	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	460.92	476.14	467.38	468.14	1.63	ppb
Selenium	78-2	499.91	534.97	538.10	524.33	4.04	ppb
Selenium	82-1	516.14	506.64	517.56	513.45	1.16	ppb
Silicon	28-1	2807.81	2798.95	2825.43	2810.73	0.48	ppb
Silver	109-1	490.45	486.61	492.90	489.98	0.65	ppb
Silver	107-1	481.15	482.18	483.81	482.38	0.28	ppb
Sodium	23-2	83474.90	82297.78	82498.17	82756.95	0.76	ppb
Strontium	86-1	72.30	71.52	73.07	72.30	1.07	ppb
Strontium	88-1	75.31	74.43	75.56	75.10	0.79	ppb
Sulfur	34-1	8506.13	8403.17	8309.97	8406.42	1.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	534.28	530.33	531.18	531.93	0.39	ppb
Thallium	205-1	528.59	525.20	531.12	528.30	0.56	ppb
Tin	118-1	451.35	458.62	458.18	456.05	0.89	ppb
Titanium	47-1	475.66	472.81	476.16	474.88	0.38	ppb
Uranium	238-1	524.68	510.90	522.20	519.26	1.41	ppb
Vanadium	51-2	543.96	538.77	541.76	541.49	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1052.70	1028.43	1033.76	1038.29	1.23	ppb
Zirconium	90-1	500.68	500.76	509.95	503.79	1.06	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.75	506.33	511.06	510.38	0.74	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9487.24	10079.60	9659.73	9742.19	3.13	ppb
Antimony	121-1	504.67	512.40	521.23	512.77	1.62	ppb
Arsenic	75-2	551.28	596.75	560.10	569.37	4.23	ppb
Barium	135-1	2481.00	2498.47	2582.58	2520.68	2.15	ppb
Barium	137-1	2463.27	2502.02	2535.61	2500.30	1.45	ppb
Beryllium	9-1	342.96	340.65	345.39	343.00	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	371.88	360.57	374.15	368.87	1.97	ppb
Boron	11-1	362.33	363.53	370.44	365.43	1.20	ppb
Cadmium	111-1	484.45	493.90	503.90	494.08	1.97	ppb
Cadmium	106-1	488.25	482.31	500.99	490.52	1.95	ppb
Cadmium	108-1	493.98	494.75	516.17	501.63	2.51	ppb
Calcium	43-1	71503.94	72983.44	72673.10	72386.82	1.08	ppb
Calcium	44-1	72058.61	72925.98	72201.12	72395.24	0.64	ppb
Chromium	52-2	581.67	605.42	573.91	587.00	2.80	ppb
Cobalt	59-2	573.03	607.53	573.50	584.68	3.38	ppb
Copper	63-2	1207.17	1265.62	1180.54	1217.78	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26720.34	28020.06	26337.60	27026.00	3.26	ppb
Iron	57-2	26065.91	27437.79	25757.14	26420.28	3.39	ppb
Lead	206-1	536.05	531.47	546.31	537.94	1.41	ppb
Lead	207-1	532.45	533.42	542.41	536.09	1.02	ppb
Lead	208-1	534.60	533.51	542.75	536.95	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	60759.93	62665.80	59870.66	61098.80	2.34	ppb
Manganese	55-2	1161.57	1213.96	1158.36	1177.96	2.65	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	537.50	537.43	551.94	542.29	1.54	ppb
Molybdenum	95-1	570.57	569.14	576.45	572.05	0.68	ppb
Molybdenum	96-1	571.34	563.03	566.09	566.82	0.74	ppb
Molybdenum	97-1	569.16	558.14	571.15	566.15	1.24	ppb
Molybdenum	98-1	563.61	562.96	574.64	567.07	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	594.39	630.16	592.85	605.80	3.48	ppb
Phosphorus	31-2	195.24	95.42	106.34	132.33	41.37	ppb
Potassium	39-2	30802.57	32177.18	30634.21	31204.65	2.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	462.02	561.08	551.30	524.80	10.40	ppb
Selenium	78-2	483.17	558.81	539.84	527.28	7.46	ppb
Selenium	82-1	525.13	521.71	530.32	525.72	0.83	ppb
Silicon	28-1	2836.34	2832.22	2853.21	2840.59	0.39	ppb
Silver	109-1	495.59	499.72	509.29	501.53	1.40	ppb
Silver	107-1	489.20	493.98	495.96	493.05	0.70	ppb
Sodium	23-2	87518.81	91551.46	87359.97	88810.08	2.67	ppb
Strontium	86-1	72.74	72.68	74.31	73.25	1.26	ppb
Strontium	88-1	75.14	75.00	76.67	75.60	1.23	ppb
Sulfur	34-1	8620.39	8494.32	8473.22	8529.31	0.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	555.31	548.35	549.31	550.99	0.69	ppb
Thallium	205-1	546.42	543.50	551.37	547.10	0.73	ppb
Tin	118-1	452.57	466.69	470.48	463.25	2.04	ppb
Titanium	47-1	486.92	494.42	490.96	490.77	0.76	ppb
Uranium	238-1	529.97	531.77	541.96	534.57	1.21	ppb
Vanadium	51-2	566.75	591.37	564.20	574.10	2.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1090.38	1143.73	1078.16	1104.09	3.16	ppb
Zirconium	90-1	528.85	521.23	526.62	525.57	0.75	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.43	520.93	524.85	523.40	0.41	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50369.39	50789.69	49192.99	50117.36	1.65	ppb
Antimony	121-1	442.02	455.39	457.46	451.62	1.86	ppb
Arsenic	75-2	508.62	511.04	509.89	509.85	0.24	ppb
Barium	135-1	2458.59	2514.83	2520.01	2497.81	1.36	ppb
Barium	137-1	2433.68	2473.42	2489.37	2465.49	1.16	ppb
Beryllium	9-1	479.69	484.64	487.47	483.93	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.01	502.10	509.33	502.15	1.43	ppb
Boron	11-1	491.14	502.58	506.69	500.14	1.61	ppb
Cadmium	111-1	462.35	476.10	471.94	470.13	1.50	ppb
Cadmium	106-1	462.68	484.02	471.42	472.71	2.27	ppb
Cadmium	108-1	470.10	475.20	477.17	474.16	0.77	ppb
Calcium	43-1	244684.50	248515.27	247559.17	246919.65	0.81	ppb
Calcium	44-1	246095.98	248248.36	249025.12	247789.82	0.61	ppb
Chromium	52-2	538.86	544.42	529.15	537.48	1.44	ppb
Cobalt	59-2	529.47	533.09	524.01	528.85	0.86	ppb
Copper	63-2	1097.44	1094.56	1069.06	1087.02	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127981.33	129838.87	126958.58	128259.59	1.14	ppb
Iron	57-2	130864.19	133569.38	129691.66	131375.07	1.51	ppb
Lead	206-1	518.61	528.71	523.98	523.77	0.96	ppb
Lead	207-1	516.26	522.15	521.72	520.05	0.63	ppb
Lead	208-1	517.48	519.49	522.37	519.78	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	257304.37	258780.51	251263.30	255782.73	1.56	ppb
Manganese	55-2	1044.05	1064.80	1036.43	1048.42	1.40	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	513.98	521.02	522.78	519.26	0.90	ppb
Molybdenum	95-1	516.21	518.84	520.16	518.40	0.39	ppb
Molybdenum	96-1	517.37	521.05	519.52	519.31	0.36	ppb
Molybdenum	97-1	508.22	517.93	520.57	515.57	1.26	ppb
Molybdenum	98-1	513.32	519.08	522.12	518.17	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.95	542.60	528.84	535.80	1.28	ppb
Phosphorus	31-2	11171.69	11236.61	10395.08	10934.46	4.28	ppb
Potassium	39-2	127162.64	131003.07	126671.76	128279.16	1.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.76	545.37	525.57	528.57	2.94	ppb
Selenium	78-2	524.07	500.71	482.32	502.37	4.17	ppb
Selenium	82-1	495.86	500.73	504.88	500.49	0.90	ppb
Silicon	28-1	481.51	496.45	496.43	491.46	1.75	ppb
Silver	109-1	474.41	488.09	483.88	482.13	1.45	ppb
Silver	107-1	467.76	481.52	475.44	474.91	1.45	ppb
Sodium	23-2	259879.88	264333.94	256590.97	260268.26	1.49	ppb
Strontium	86-1	523.28	525.98	525.09	524.79	0.26	ppb
Strontium	88-1	523.62	523.12	526.39	524.38	0.34	ppb
Sulfur	34-1	9622.27	10099.06	10155.33	9958.89	2.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.82	521.38	524.93	522.04	0.50	ppb
Thallium	205-1	516.18	520.06	519.98	518.74	0.43	ppb
Tin	118-1	485.00	489.52	494.85	489.79	1.01	ppb
Titanium	47-1	505.07	503.35	510.29	506.23	0.71	ppb
Uranium	238-1	535.30	540.91	534.18	536.79	0.67	ppb
Vanadium	51-2	541.88	540.09	529.93	537.30	1.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1040.86	1063.43	1023.13	1042.47	1.94	ppb
Zirconium	90-1	506.73	510.59	516.87	511.40	1.00	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.74	512.79	517.97	515.16	0.51	ppb

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P8
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 15:15:56 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	2.26	9.03	3.79	122.96	ppb
Antimony	121-1	0.30	0.29	0.25	0.28	9.40	ppb
Arsenic	75-2	0.05	-0.02	-0.05	-0.01		ppb
Barium	135-1	0.02	0.00	0.00	0.00	314.00	ppb
Barium	137-1	-0.03	-0.02	-0.04	-0.03		ppb
Beryllium	9-1	0.18	0.18	0.17	0.18	3.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.05	21.33	19.14	20.51	5.80	ppb
Boron	11-1	21.08	21.82	20.12	21.01	4.06	ppb
Cadmium	111-1	-0.02	0.04	0.07	0.03	151.11	ppb
Cadmium	106-1	-0.52	0.14	0.72	0.11	546.41	ppb
Cadmium	108-1	0.17	0.03	0.06	0.09	81.75	ppb
Calcium	43-1	-16.34	-23.92	-18.85	-19.70		ppb
Calcium	44-1	-5.91	-7.70	-6.38	-6.67		ppb
Chromium	52-2	-0.06	0.02	-0.09	-0.04		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.12	0.11	0.14	0.12	12.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.73	1.41	1.36	1.50	13.30	ppb
Iron	57-2	1.82	3.01	1.07	1.97	49.75	ppb
Lead	206-1	0.02	0.04	0.03	0.03	43.19	ppb
Lead	207-1	0.03	0.01	0.02	0.02	65.94	ppb
Lead	208-1	0.04	0.03	0.03	0.04	7.16	ppb
Lithium	6-1						%
Magnesium	24-2	-0.49	0.07	0.60	0.06	891.67	ppb
Manganese	55-2	-0.17	0.01	-0.07	-0.08		ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:15:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.03	0.04	27.95	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	66.14	ppb
Molybdenum	96-1	0.03	0.03	0.00	0.02	71.80	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	23.62	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.14	-0.12	-0.11		ppb
Phosphorus	31-2	-14.43	-14.43	32.72	1.29	2113.56	ppb
Potassium	39-2	-1.88	-4.73	-0.34	-2.32		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	-1.31	-0.10	-1.32	-0.91		ppb
Selenium	82-1	0.01	0.42	-0.41	0.01	6754.34	ppb
Silicon	28-1	-20.67	-19.77	-20.34	-20.26		ppb
Silver	109-1	0.06	0.07	0.07	0.07	6.65	ppb
Silver	107-1	0.06	0.08	0.06	0.06	15.42	ppb
Sodium	23-2	49.14	44.65	46.88	46.89	4.79	ppb
Strontium	86-1	-0.02	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	207.03	ppb
Sulfur	34-1	-1962.62	-2070.69	-1914.77	-1982.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.05	0.06	8.20	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	11.70	ppb
Tin	118-1	0.23	0.21	0.18	0.21	13.25	ppb
Titanium	47-1	0.00	0.04	-0.02	0.01	388.54	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.00	-0.03	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.36	0.19	0.37	0.31	32.61	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	13.60	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:15:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.03	0.05	45.41	ppb

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	50	75	92	72	29.04	cps
Arsenic	75-2	7	4	13	8	58.09	cps
Barium	135-1	67	75	58	67	12.49	cps
Barium	137-1	200	192	175	189	6.74	cps
Beryllium	9-1	94	133	89	106	22.94	cps
Bismuth	209-1	4307818	4325619	4277933	4303790	0.56	cps
Bismuth	209-2	1505531	1408215	1481811	1465186	3.46	cps
Boron	10-1	200	175	242	206	16.38	cps
Boron	11-1	1042	975	808	942	12.76	cps
Cadmium	111-1	1039	1003	1080	1041	3.73	cps
Cadmium	106-1	1433	1367	1483	1428	4.10	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	2784	2359	2484	2542	8.59	cps
Calcium	44-1	46604	46503	45968	46358	0.74	cps
Chromium	52-2	990	1063	1100	1051	5.33	cps
Cobalt	59-2	107	140	130	126	13.62	cps
Copper	63-2	263	210	203	226	14.58	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	100	42	83	75	40.06	cps
Gadolinium	160-2	33	13	7	18	78.05	cps
Holmium	165-1	7365975	7294975	7267959	7309636	0.69	cps
Holmium	165-2	2015926	1892728	1972486	1960380	3.19	cps
Indium	115-1	6802018	6813572	6883413	6833001	0.64	cps
Indium	115-2	374171	351791	370106	365356	3.26	cps
Iron	56-2	2167	2272	2239	2226	2.42	cps
Iron	57-2	89	17	56	54	67.30	cps
Lead	206-1	478	350	428	419	15.38	cps
Lead	207-1	406	394	500	433	13.39	cps
Lead	208-1	1856	1661	1717	1745	5.74	cps
Lithium	6-1	1132983	1129160	1111965	1124703	1.00	cps
Magnesium	24-2	167	217	167	183	15.75	cps
Manganese	55-2	77	73	67	72	7.05	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	325	275	278	16.52	cps
Molybdenum	95-1	208	225	275	236	14.70	cps
Molybdenum	96-1	258	300	350	303	15.16	cps
Molybdenum	97-1	200	200	133	178	21.65	cps
Molybdenum	98-1	367	317	350	344	7.39	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	213	167	197	13.24	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3776	3551	3676	3667	3.07	cps
Rhodium	103-1	6492562	6527470	6407525	6475853	0.95	cps
Rhodium	103-2	1944621	1810713	1896221	1883852	3.60	cps
Scandium	45-1	4087739	4101159	4090852	4093250	0.17	cps
Scandium	45-2	40552	38460	40358	39790	2.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	9	9	6	86.60	cps
Selenium	82-1	-28	-13	-19	-20	-37.88	cps
Silicon	28-1	529516	541512	528049	533026	1.39	cps
Silver	109-1	8	17	17	14	34.67	cps
Silver	107-1	100	67	50	72	35.25	cps
Sodium	23-2	3692	3934	3851	3826	3.21	cps
Strontium	86-1	950	933	1033	972	5.51	cps
Strontium	88-1	308	200	225	244	23.21	cps
Sulfur	34-1	438192	438368	437038	437866	0.17	cps
Terbium	159-1	7764627	7697701	7807841	7756723	0.72	cps
Terbium	159-2	1954986	1855714	1935099	1915266	2.74	cps
Thallium	203-1	83	125	150	119	28.20	cps
Thallium	205-1	283	267	275	275	3.03	cps
Tin	118-1	1083	1017	1250	1117	10.76	cps
Titanium	47-1	158	133	142	144	8.81	cps
Uranium	238-1	508	550	483	514	6.55	cps
Vanadium	51-2	27	43	20	30	40.05	cps
Yttrium	89-1	7340547	7315834	7307136	7321172	0.24	cps
Yttrium	89-2	275050	260001	273485	269512	3.07	cps
Zinc	66-2	57	37	67	53	28.64	cps
Zirconium	90-1	417	450	542	469	13.79	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 13:53:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	100	142	108	27.73	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	175	147	17.29	cps
Antimony	121-1	17028	17095	16819	16981	0.85	cps
Arsenic	75-2	117	117	120	118	1.81	cps
Barium	135-1	16469	16812	17103	16795	1.89	cps
Barium	137-1	29183	28641	29100	28975	1.01	cps
Beryllium	9-1	1495	1272	1389	1385	8.03	cps
Bismuth	209-1	4166336	4099496	4210535	4158789	1.34	cps
Bismuth	209-2	1497263	1490825	1489858	1492649	0.27	cps
Boron	10-1	3692	3476	3942	3703	6.31	cps
Boron	11-1	16785	16744	17269	16933	1.73	cps
Cadmium	111-1	2835	2995	2798	2876	3.65	cps
Cadmium	106-1	1684	1650	1484	1606	6.67	cps
Cadmium	108-1	217	133	100	150	40.06	cps
Calcium	43-1	12556	11897	11864	12106	3.23	cps
Calcium	44-1	206456	204409	203777	204881	0.68	cps
Chromium	52-2	3067	3174	3257	3166	3.01	cps
Cobalt	59-2	2177	2310	2177	2221	3.47	cps
Copper	63-2	4277	4221	4161	4220	1.38	cps
Dysprosium	156-1	0	50	25	25	100.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	75	92	72	29.04	cps
Erbium	164-2	17	20	7	14	48.02	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	7249164	7287197	7346654	7294338	0.67	cps
Holmium	165-2	1968285	1969468	1958515	1965422	0.31	cps
Indium	115-1	6718284	6768723	6719734	6735580	0.43	cps
Indium	115-2	375325	373672	374150	374383	0.23	cps
Iron	56-2	35813	35173	35674	35553	0.95	cps
Iron	57-2	917	828	845	863	5.47	cps
Lead	206-1	5718	5574	5557	5616	1.58	cps
Lead	207-1	5118	4957	5262	5112	2.99	cps
Lead	208-1	23359	22942	23320	23207	0.99	cps
Lithium	6-1	1136077	1128730	1146739	1137182	0.80	cps
Magnesium	24-2	17345	17578	17311	17411	0.84	cps
Manganese	55-2	367	333	383	361	7.05	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15109	15042	15176	15109	0.44	cps
Molybdenum	95-1	18513	18564	18655	18577	0.39	cps
Molybdenum	96-1	20925	20207	20324	20486	1.88	cps
Molybdenum	97-1	11505	11272	11614	11464	1.52	cps
Molybdenum	98-1	29049	29500	29274	29274	0.77	cps
Neodymium	150-1	33	20	7	20	66.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	807	900	710	806	11.79	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	15092	14933	14525	14850	1.97	cps
Rhodium	103-1	6353617	6279407	6391702	6341575	0.90	cps
Rhodium	103-2	1928666	1892353	1895487	1905502	1.06	cps
Scandium	45-1	4147556	4065329	4102390	4105092	1.00	cps
Scandium	45-2	41465	41094	41033	41197	0.57	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	24	22	19	22	13.08	cps
Selenium	82-1	503	641	587	577	12.07	cps
Silicon	28-1	564381	596847	572903	578044	2.91	cps
Silver	109-1	12031	11781	12423	12078	2.68	cps
Silver	107-1	11856	11972	12673	12167	3.63	cps
Sodium	23-2	46251	45975	47037	46421	1.19	cps
Strontium	86-1	3384	3434	3401	3406	0.75	cps
Strontium	88-1	21818	21994	21226	21679	1.86	cps
Sulfur	34-1	433587	436937	434524	435016	0.40	cps
Terbium	159-1	7577891	7546406	7571418	7565238	0.22	cps
Terbium	159-2	1949509	1921108	1919244	1929953	0.88	cps
Thallium	203-1	5468	5493	5435	5465	0.54	cps
Thallium	205-1	12824	13308	12782	12971	2.25	cps
Tin	118-1	30085	29634	30436	30051	1.34	cps
Titanium	47-1	5151	4984	4926	5021	2.33	cps
Uranium	238-1	15736	16045	15594	15791	1.46	cps
Vanadium	51-2	3851	3704	3687	3747	2.40	cps
Yttrium	89-1	7301457	7203288	7415097	7306614	1.45	cps
Yttrium	89-2	278612	276692	278157	277821	0.36	cps
Zinc	66-2	370	460	357	396	14.21	cps
Zirconium	90-1	12907	13849	13132	13296	3.70	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:00:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3067	2967	3034	3023	1.68	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:03:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7511	8136	8286	7978	5.16	cps
Antimony	121-1	482592	482520	483749	482954	0.14	cps
Arsenic	75-2	6926	6835	6841	6867	0.74	cps
Barium	135-1	491755	488720	481957	487477	1.03	cps
Barium	137-1	837074	845110	845370	842518	0.56	cps
Beryllium	9-1	74370	73420	72482	73424	1.29	cps
Bismuth	209-1	4275644	4212608	4243225	4243826	0.74	cps
Bismuth	209-2	1519671	1530168	1534823	1528221	0.51	cps
Boron	10-1	8336	8778	8503	8539	2.61	cps
Boron	11-1	38988	38912	38804	38901	0.24	cps
Cadmium	111-1	108050	108305	109538	108631	0.73	cps
Cadmium	106-1	12556	12373	12665	12531	1.18	cps
Cadmium	108-1	7807	7419	7732	7652	2.69	cps
Calcium	43-1	109970	113011	109575	110852	1.70	cps
Calcium	44-1	1857585	1860745	1855731	1858020	0.14	cps
Chromium	52-2	56581	56169	56665	56471	0.47	cps
Cobalt	59-2	116458	116283	117342	116694	0.49	cps
Copper	63-2	200880	200395	200832	200702	0.13	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	92	83	83	86	5.58	cps
Gadolinium	160-2	10	3	30	14	96.09	cps
Holmium	165-1	7316543	7293112	7298009	7302555	0.17	cps
Holmium	165-2	2003340	2022208	2034693	2020080	0.78	cps
Indium	115-1	6762669	6838320	6751778	6784255	0.69	cps
Indium	115-2	378220	377227	380607	378685	0.46	cps
Iron	56-2	1906899	1916440	1911225	1911521	0.25	cps
Iron	57-2	46528	48518	48256	47767	2.26	cps
Lead	206-1	240325	240936	241875	241045	0.32	cps
Lead	207-1	217774	219518	222097	219796	0.99	cps
Lead	208-1	978832	978054	993277	983388	0.87	cps
Lithium	6-1	1122198	1143338	1128349	1131295	0.96	cps
Magnesium	24-2	195054	199319	199209	197861	1.23	cps
Manganese	55-2	32177	32602	32672	32483	0.82	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:03:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	389516	393181	393246	391981	0.54	cps
Molybdenum	95-1	212047	209231	210329	210536	0.67	cps
Molybdenum	96-1	271439	271812	269964	271071	0.36	cps
Molybdenum	97-1	131567	131096	132886	131850	0.70	cps
Molybdenum	98-1	336376	338009	338844	337743	0.37	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34613	34413	33921	34316	1.04	cps
Phosphorus	31-2	500	667	667	611	15.75	cps
Potassium	39-2	65862	65034	66575	65824	1.17	cps
Rhodium	103-1	6384761	6382183	6404220	6390388	0.19	cps
Rhodium	103-2	1923359	1939324	1893547	1918743	1.21	cps
Scandium	45-1	4088323	4075348	4125612	4096428	0.64	cps
Scandium	45-2	41498	41943	41378	41606	0.72	cps
Selenium	77-2	80	80	67	76	10.19	cps
Selenium	78-2	174	183	156	171	8.27	cps
Selenium	82-1	6695	6724	6968	6796	2.21	cps
Silicon	28-1	797905	792908	796574	795796	0.33	cps
Silver	109-1	499137	502473	498439	500016	0.43	cps
Silver	107-1	528857	526792	527808	527819	0.20	cps
Sodium	23-2	480119	486015	482227	482787	0.62	cps
Strontium	86-1	139961	140241	141535	140579	0.60	cps
Strontium	88-1	1204471	1205654	1214780	1208302	0.47	cps
Sulfur	34-1	475214	480052	472890	476052	0.77	cps
Terbium	159-1	7690244	7612923	7769959	7691042	1.02	cps
Terbium	159-2	1940926	1944804	1959235	1948322	0.50	cps
Thallium	203-1	297208	297696	301320	298741	0.75	cps
Thallium	205-1	706467	718343	705020	709943	1.03	cps
Tin	118-1	335761	340679	338593	338345	0.73	cps
Titanium	47-1	58088	59151	60280	59173	1.85	cps
Uranium	238-1	890002	886299	887717	888006	0.21	cps
Vanadium	51-2	41224	41425	41869	41506	0.80	cps
Yttrium	89-1	7309870	7273401	7323011	7302094	0.35	cps
Yttrium	89-2	279751	279087	278894	279244	0.16	cps
Zinc	66-2	18943	19194	18920	19019	0.80	cps
Zirconium	90-1	750016	756413	758515	754982	0.59	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:03:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167882	167156	168169	167736	0.31	cps

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:07:23 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20107	20574	20098	20260	1.34	cps
Antimony	121-1	1224763	1227405	1222125	1224764	0.22	cps
Arsenic	75-2	17055	16775	16881	16904	0.84	cps
Barium	135-1	1231433	1241492	1229723	1234216	0.52	cps
Barium	137-1	2190568	2168456	2150255	2169760	0.93	cps
Beryllium	9-1	182385	182660	182322	182456	0.10	cps
Bismuth	209-1	4222586	4301902	4318217	4280902	1.20	cps
Bismuth	209-2	1528673	1535091	1526705	1530156	0.29	cps
Boron	10-1	20707	20198	20674	20527	1.39	cps
Boron	11-1	94686	96263	99032	96661	2.28	cps
Cadmium	111-1	269914	272459	273124	271833	0.62	cps
Cadmium	106-1	30068	29959	30427	30151	0.81	cps
Cadmium	108-1	19648	18809	19264	19240	2.18	cps
Calcium	43-1	276046	275675	276722	276148	0.19	cps
Calcium	44-1	4472022	4543877	4513490	4509796	0.80	cps
Chromium	52-2	140553	142308	142456	141772	0.75	cps
Cobalt	59-2	292143	291173	292361	291892	0.22	cps
Copper	63-2	498350	499122	498845	498772	0.08	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	7407486	7411064	7528993	7449181	0.93	cps
Holmium	165-2	2031306	2023590	2018443	2024446	0.32	cps
Indium	115-1	6833088	6813203	6773961	6806751	0.44	cps
Indium	115-2	376908	378839	375307	377018	0.47	cps
Iron	56-2	4705344	4754090	4711362	4723599	0.56	cps
Iron	57-2	120214	119648	119122	119661	0.46	cps
Lead	206-1	609238	614486	616440	613388	0.61	cps
Lead	207-1	552098	560804	561171	558024	0.92	cps
Lead	208-1	2476722	2506516	2515766	2499668	0.82	cps
Lithium	6-1	1126768	1140649	1144338	1137252	0.81	cps
Magnesium	24-2	496233	496552	497289	496692	0.11	cps
Manganese	55-2	81509	82321	81885	81905	0.50	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	991749	1005471	997605	998275	0.69	cps
Molybdenum	95-1	536237	531124	530589	532650	0.59	cps
Molybdenum	96-1	678648	690785	691503	686979	1.05	cps
Molybdenum	97-1	333360	335919	341776	337018	1.28	cps
Molybdenum	98-1	849393	848770	847742	848635	0.10	cps
Neodymium	150-1	87	53	67	69	24.35	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	84642	85467	85017	85042	0.49	cps
Phosphorus	31-2	1617	1458	1667	1581	6.88	cps
Potassium	39-2	159032	159637	161266	159978	0.72	cps
Rhodium	103-1	6396559	6370077	6432622	6399753	0.49	cps
Rhodium	103-2	1886525	1928098	1867258	1893961	1.64	cps
Scandium	45-1	4096936	4151519	4154729	4134395	0.79	cps
Scandium	45-2	42912	41331	40987	41743	2.46	cps
Selenium	77-2	107	163	100	123	28.22	cps
Selenium	78-2	415	459	469	448	6.41	cps
Selenium	82-1	16809	17131	16971	16971	0.95	cps
Silicon	28-1	1059513	1063513	1078912	1067313	0.96	cps
Silver	109-1	1257590	1270894	1269545	1266010	0.58	cps
Silver	107-1	1325577	1322769	1334983	1327776	0.48	cps
Sodium	23-2	1213050	1235096	1235337	1227828	1.04	cps
Strontium	86-1	350533	351712	351559	351268	0.18	cps
Strontium	88-1	3035194	3067464	3045089	3049249	0.54	cps
Sulfur	34-1	530310	526392	528020	528241	0.37	cps
Terbium	159-1	7801434	7893976	7825271	7840227	0.61	cps
Terbium	159-2	1956600	1988074	1972234	1972303	0.80	cps
Thallium	203-1	758298	761392	763270	760987	0.33	cps
Thallium	205-1	1827512	1820614	1838728	1828951	0.50	cps
Tin	118-1	843336	849511	854558	849135	0.66	cps
Titanium	47-1	145213	148328	149886	147809	1.61	cps
Uranium	238-1	2254691	2300328	2295158	2283392	1.09	cps
Vanadium	51-2	104627	104255	104372	104418	0.18	cps
Yttrium	89-1	7397686	7307638	7371754	7359026	0.63	cps
Yttrium	89-2	280732	283919	279867	281506	0.76	cps
Zinc	66-2	46120	46327	45792	46080	0.59	cps
Zirconium	90-1	1911671	1916969	1928149	1918930	0.44	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:07:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	420102	422766	423091	421986	0.39	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39907	40108	40317	40111	0.51	cps
Antimony	121-1	2455198	2473278	2498154	2475544	0.87	cps
Arsenic	75-2	33784	33557	33275	33539	0.76	cps
Barium	135-1	2499459	2483352	2509355	2497389	0.53	cps
Barium	137-1	4305921	4309412	4310810	4308714	0.06	cps
Beryllium	9-1	358829	358311	361979	359706	0.55	cps
Bismuth	209-1	4439340	4397485	4386424	4407750	0.63	cps
Bismuth	209-2	1526527	1525237	1525015	1525593	0.05	cps
Boron	10-1	41127	41486	42406	41673	1.58	cps
Boron	11-1	191789	192558	194341	192896	0.68	cps
Cadmium	111-1	540594	538776	536888	538753	0.34	cps
Cadmium	106-1	55482	56327	56302	56037	0.86	cps
Cadmium	108-1	37519	38200	38062	37927	0.95	cps
Calcium	43-1	544099	544615	541804	543506	0.28	cps
Calcium	44-1	8868960	8942779	8844447	8885396	0.58	cps
Chromium	52-2	275268	275959	273490	274906	0.46	cps
Cobalt	59-2	574486	574934	569155	572858	0.56	cps
Copper	63-2	981373	985064	976601	981013	0.43	cps
Dysprosium	156-1	58	67	75	67	12.49	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	8	50	58	39	68.89	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	92	92	92	92	0.00	cps
Gadolinium	160-2	33	17	33	28	34.63	cps
Holmium	165-1	7564311	7586224	7561552	7570696	0.18	cps
Holmium	165-2	2036627	2030710	1992693	2020010	1.18	cps
Indium	115-1	6832465	6826948	6817559	6825657	0.11	cps
Indium	115-2	374567	373361	371122	373017	0.47	cps
Iron	56-2	9187952	9300024	9161668	9216548	0.80	cps
Iron	57-2	234459	233739	232942	233714	0.32	cps
Lead	206-1	1238668	1244638	1244064	1242456	0.27	cps
Lead	207-1	1125283	1122722	1128030	1125345	0.24	cps
Lead	208-1	5145379	5135296	5128630	5136435	0.16	cps
Lithium	6-1	1150388	1145902	1141567	1145952	0.38	cps
Magnesium	24-2	983265	982665	966350	977427	0.98	cps
Manganese	55-2	159212	159080	158429	158907	0.26	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2011181	2047332	2019877	2026130	0.93	cps
Molybdenum	95-1	1062160	1067694	1066852	1065569	0.28	cps
Molybdenum	96-1	1374860	1367625	1361171	1367885	0.50	cps
Molybdenum	97-1	666303	670577	662981	666620	0.57	cps
Molybdenum	98-1	1765664	1737183	1726910	1743253	1.15	cps
Neodymium	150-1	100	140	120	120	16.67	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	166694	167356	165932	166660	0.43	cps
Phosphorus	31-2	2934	3209	2917	3020	5.43	cps
Potassium	39-2	310428	310904	305591	308974	0.95	cps
Rhodium	103-1	6430620	6349684	6389002	6389768	0.63	cps
Rhodium	103-2	1885451	1922093	1896240	1901261	0.99	cps
Scandium	45-1	4103864	4159074	4149944	4137627	0.72	cps
Scandium	45-2	41227	41494	40649	41123	1.05	cps
Selenium	77-2	210	270	237	239	12.58	cps
Selenium	78-2	889	861	894	882	2.03	cps
Selenium	82-1	33687	34553	34133	34124	1.27	cps
Silicon	28-1	1602955	1606340	1595442	1601579	0.35	cps
Silver	109-1	2555498	2557953	2529188	2547546	0.63	cps
Silver	107-1	2668096	2704373	2707935	2693468	0.82	cps
Sodium	23-2	2409206	2401326	2354541	2388358	1.24	cps
Strontium	86-1	696591	702665	700650	699969	0.44	cps
Strontium	88-1	6017372	6049464	6070369	6045735	0.44	cps
Sulfur	34-1	613564	616236	607861	612554	0.70	cps
Terbium	159-1	7985473	8003609	7994307	7994463	0.11	cps
Terbium	159-2	1975749	1981831	1977601	1978393	0.16	cps
Thallium	203-1	1535032	1532728	1542307	1536689	0.33	cps
Thallium	205-1	3706058	3715686	3698292	3706679	0.24	cps
Tin	118-1	1731240	1739185	1724418	1731614	0.43	cps
Titanium	47-1	289317	290533	287471	289107	0.53	cps
Uranium	238-1	4718701	4670605	4686846	4692051	0.52	cps
Vanadium	51-2	205033	204831	204061	204642	0.25	cps
Yttrium	89-1	7514153	7452171	7464386	7476903	0.44	cps
Yttrium	89-2	278959	276769	274380	276702	0.83	cps
Zinc	66-2	90422	90905	89369	90232	0.87	cps
Zirconium	90-1	3822661	3857056	3825432	3835049	0.50	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:10:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	853101	857726	858153	856327	0.33	cps

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:14:02 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79230	79221	78970	79140	0.19	cps
Antimony	121-1	4959453	4913933	5011232	4961539	0.98	cps
Arsenic	75-2	64594	65035	64734	64788	0.35	cps
Barium	135-1	5021235	5005424	5086231	5037630	0.85	cps
Barium	137-1	8728332	8643382	8749102	8706939	0.64	cps
Beryllium	9-1	712798	710644	714821	712754	0.29	cps
Bismuth	209-1	4539612	4117755	4216837	4291402	5.14	cps
Bismuth	209-2	1498641	1502916	1504324	1501961	0.20	cps
Boron	10-1	81179	80602	86159	82647	3.70	cps
Boron	11-1	379058	380418	389093	382856	1.42	cps
Cadmium	111-1	1065192	1073452	1088468	1075704	1.10	cps
Cadmium	106-1	111223	111493	114542	112419	1.64	cps
Cadmium	108-1	75892	76378	75615	75961	0.51	cps
Calcium	43-1	1072257	1076131	1074997	1074461	0.19	cps
Calcium	44-1	17476058	17469207	17418344	17454536	0.18	cps
Chromium	52-2	530731	531668	531328	531242	0.09	cps
Cobalt	59-2	1106117	1101203	1112382	1106568	0.51	cps
Copper	63-2	1906683	1887106	1895438	1896409	0.52	cps
Dysprosium	156-1	58	117	108	94	33.40	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	117	167	108	131	24.17	cps
Gadolinium	160-2	10	23	23	19	40.75	cps
Holmium	165-1	7874217	7268463	7219618	7454099	4.89	cps
Holmium	165-2	2030825	1965490	2000024	1998780	1.64	cps
Indium	115-1	6846208	6253052	6316202	6471821	5.03	cps
Indium	115-2	355454	353886	352780	354040	0.38	cps
Iron	56-2	17838680	17781978	17745733	17788797	0.26	cps
Iron	57-2	453574	453391	452019	452994	0.19	cps
Lead	206-1	2620561	2639309	2672607	2644159	1.00	cps
Lead	207-1	2439021	2391174	2417632	2415942	0.99	cps
Lead	208-1	10693132	10695204	10817860	10735399	0.67	cps
Lithium	6-1	1121955	1053088	1035516	1070187	4.27	cps
Magnesium	24-2	1957143	1952166	1955889	1955066	0.13	cps
Manganese	55-2	303340	306573	300984	303633	0.92	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:14:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4057397	3986500	4031763	4025220	0.89	cps
Molybdenum	95-1	2173477	2186593	2184293	2181455	0.32	cps
Molybdenum	96-1	2803897	2744908	2783950	2777585	1.08	cps
Molybdenum	97-1	1331065	1324542	1338412	1331340	0.52	cps
Molybdenum	98-1	3483949	3414573	3470599	3456374	1.07	cps
Neodymium	150-1	213	193	240	216	10.86	cps
Neodymium	150-2	7	30	20	19	61.96	cps
Nickel	60-2	321149	322785	320342	321425	0.39	cps
Phosphorus	31-2	6177	5751	5768	5899	4.08	cps
Potassium	39-2	593493	589208	594613	592438	0.48	cps
Rhodium	103-1	6383272	5850945	5905142	6046453	4.84	cps
Rhodium	103-2	1838593	1847554	1827007	1837718	0.56	cps
Scandium	45-1	4106692	3773332	3750092	3876705	5.15	cps
Scandium	45-2	40462	40181	40050	40231	0.52	cps
Selenium	77-2	520	473	527	507	5.74	cps
Selenium	78-2	1643	1572	1643	1619	2.51	cps
Selenium	82-1	67078	66981	67916	67325	0.76	cps
Silicon	28-1	2612496	2648813	2696454	2652588	1.59	cps
Silver	109-1	5035694	5087456	5122685	5081945	0.86	cps
Silver	107-1	5292553	5284932	5333929	5303805	0.50	cps
Sodium	23-2	4699640	4644063	4684736	4676146	0.62	cps
Strontium	86-1	1394289	1388849	1405805	1396315	0.62	cps
Strontium	88-1	11944645	11998076	11981078	11974599	0.23	cps
Sulfur	34-1	762570	758682	765444	762232	0.45	cps
Terbium	159-1	8200802	7503355	7627720	7777292	4.78	cps
Terbium	159-2	1939185	1953463	1934480	1942376	0.51	cps
Thallium	203-1	3224996	3313262	3304516	3280925	1.48	cps
Thallium	205-1	7544279	7664988	7709857	7639708	1.12	cps
Tin	118-1	3467488	3431360	3485832	3461560	0.80	cps
Titanium	47-1	574125	579348	575330	576268	0.47	cps
Uranium	238-1	9637226	9657353	9743139	9679239	0.58	cps
Vanadium	51-2	400842	394379	395505	396908	0.87	cps
Yttrium	89-1	7450036	6894471	6848760	7064423	4.74	cps
Yttrium	89-2	267554	266878	264337	266256	0.64	cps
Zinc	66-2	171799	173765	172369	172644	0.59	cps
Zirconium	90-1	7644287	7666704	7653009	7654666	0.15	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:14:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1718009	1728533	1722035	1722859	0.31	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153616	151282	152165	152354	0.77	cps
Antimony	121-1	9686354	9836129	9743959	9755481	0.77	cps
Arsenic	75-2	123425	123710	122625	123253	0.46	cps
Barium	135-1	9893571	10029891	9986218	9969893	0.70	cps
Barium	137-1	17318594	17446493	17575320	17446802	0.74	cps
Beryllium	9-1	1422979	1426665	1440837	1430160	0.66	cps
Bismuth	209-1	4669546	4753951	4632793	4685430	1.33	cps
Bismuth	209-2	1443163	1450711	1447649	1447174	0.26	cps
Boron	10-1	164196	167964	168637	166932	1.43	cps
Boron	11-1	756516	765273	780594	767461	1.59	cps
Cadmium	111-1	2124764	2130004	2151830	2135533	0.67	cps
Cadmium	106-1	216876	219374	222347	219532	1.25	cps
Cadmium	108-1	147442	147711	148988	148047	0.56	cps
Calcium	43-1	2138451	2092892	2097761	2109701	1.19	cps
Calcium	44-1	34164160	34142622	34046363	34117715	0.18	cps
Chromium	52-2	1022315	1024997	1021258	1022857	0.19	cps
Cobalt	59-2	2159931	2166183	2153346	2159820	0.30	cps
Copper	63-2	3641713	3624660	3593902	3620092	0.67	cps
Dysprosium	156-1	92	117	108	106	12.06	cps
Dysprosium	156-2	17	27	23	22	22.91	cps
Erbium	164-1	33	67	67	56	34.65	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	150	183	142	158	13.93	cps
Gadolinium	160-2	10	33	60	34	72.64	cps
Holmium	165-1	8065685	8101977	7924291	8030651	1.17	cps
Holmium	165-2	1924374	1946638	1906149	1925720	1.05	cps
Indium	115-1	6732450	6754468	6707088	6731335	0.35	cps
Indium	115-2	328291	328673	327397	328120	0.20	cps
Iron	56-2	34277761	34107220	34199672	34194884	0.25	cps
Iron	57-2	866961	875535	871458	871318	0.49	cps
Lead	206-1	5306496	5432859	5336211	5358522	1.23	cps
Lead	207-1	4870038	4934497	4979765	4928100	1.12	cps
Lead	208-1	21584144	22107438	21864297	21851960	1.20	cps
Lithium	6-1	1149321	1133128	1123978	1135476	1.13	cps
Magnesium	24-2	3806962	3803862	3775898	3795574	0.45	cps
Manganese	55-2	578812	583635	581656	581368	0.42	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7799878	7876471	7832942	7836430	0.49	cps
Molybdenum	95-1	4176289	4249158	4247572	4224340	0.99	cps
Molybdenum	96-1	5457524	5432398	5442173	5444032	0.23	cps
Molybdenum	97-1	2614635	2650820	2692064	2652506	1.46	cps
Molybdenum	98-1	6692522	6783348	6818294	6764722	0.96	cps
Neodymium	150-1	273	240	393	302	26.69	cps
Neodymium	150-2	20	10	20	17	34.64	cps
Nickel	60-2	609134	613208	610727	611023	0.34	cps
Phosphorus	31-2	11180	11313	11255	11249	0.59	cps
Potassium	39-2	1121003	1123129	1119119	1121084	0.18	cps
Rhodium	103-1	6241044	6281358	6266458	6262953	0.33	cps
Rhodium	103-2	1753790	1753488	1728997	1745425	0.82	cps
Scandium	45-1	4044563	3995214	3959813	3999863	1.06	cps
Scandium	45-2	38603	39827	39255	39228	1.56	cps
Selenium	77-2	897	897	893	896	0.21	cps
Selenium	78-2	3049	2999	3006	3018	0.89	cps
Selenium	82-1	129840	130203	130524	130189	0.26	cps
Silicon	28-1	4350606	4413304	4385091	4383000	0.72	cps
Silver	109-1	9710865	9796379	9800822	9769355	0.52	cps
Silver	107-1	10331947	10441471	10435376	10402931	0.59	cps
Sodium	23-2	9053271	9137890	9073360	9088173	0.49	cps
Strontium	86-1	2733122	2725092	2694957	2717724	0.74	cps
Strontium	88-1	23393264	23309547	23453215	23385342	0.31	cps
Sulfur	34-1	947808	943752	935821	942460	0.65	cps
Terbium	159-1	8383415	8408493	8312078	8367995	0.60	cps
Terbium	159-2	1897371	1870444	1850840	1872885	1.25	cps
Thallium	203-1	6585758	6610473	6610600	6602277	0.22	cps
Thallium	205-1	15329963	15603769	15608391	15514041	1.03	cps
Tin	118-1	6798130	6783289	6850294	6810571	0.52	cps
Titanium	47-1	1120708	1124166	1115300	1120058	0.40	cps
Uranium	238-1	20264093	20586880	20387124	20412699	0.80	cps
Vanadium	51-2	763982	768937	769246	767388	0.38	cps
Yttrium	89-1	7318225	7324893	7299566	7314228	0.18	cps
Yttrium	89-2	251418	251994	251228	251547	0.16	cps
Zinc	66-2	327036	330208	329832	329025	0.53	cps
Zirconium	90-1	14969191	15090610	15116606	15058802	0.52	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:17:14	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3361178	3379705	3381479	3374121	0.33	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	777992	786741	781754	782162	0.56	cps
Antimony	121-1	20867	20608	20341	20606	1.28	cps
Arsenic	75-2	41	43	30	38	18.62	cps
Barium	135-1	3292	3017	3417	3242	6.31	cps
Barium	137-1	5501	5451	5476	5476	0.46	cps
Beryllium	9-1	511	528	450	496	8.25	cps
Bismuth	209-1	4499607	4473856	4415956	4463140	0.96	cps
Bismuth	209-2	1395648	1392735	1412261	1400214	0.75	cps
Boron	10-1	5710	5518	5026	5418	6.51	cps
Boron	11-1	28412	25674	23528	25871	9.46	cps
Cadmium	111-1	1400	1470	1424	1431	2.48	cps
Cadmium	106-1	1709	1575	1567	1617	4.92	cps
Cadmium	108-1	54	29	21	35	49.97	cps
Calcium	43-1	10584287	10556945	10558624	10566619	0.15	cps
Calcium	44-1	171249333	171933096	172876729	172019719	0.48	cps
Chromium	52-2	4597	4811	4781	4730	2.44	cps
Cobalt	59-2	2660	2427	2580	2556	4.64	cps
Copper	63-2	5461	5474	5468	5468	0.12	cps
Dysprosium	156-1	108	67	142	106	35.60	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	25	33	75	44	60.28	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	125	100	92	106	16.44	cps
Gadolinium	160-2	40	13	27	27	50.01	cps
Holmium	165-1	8090201	8043749	7928246	8020732	1.04	cps
Holmium	165-2	1978101	1971094	2008422	1985872	1.00	cps
Indium	115-1	6625999	6601516	6596459	6607991	0.24	cps
Indium	115-2	341193	340250	342920	341454	0.40	cps
Iron	56-2	168677193	168253693	170207204	169046030	0.61	cps
Iron	57-2	4332568	4343325	4310785	4328893	0.38	cps
Lead	206-1	10399	10099	9782	10093	3.06	cps
Lead	207-1	8648	8592	8436	8559	1.28	cps
Lead	208-1	40654	39158	39041	39618	2.27	cps
Lithium	6-1	1093882	1093209	1079961	1089017	0.72	cps
Magnesium	24-2	18495996	18713394	18780679	18663356	0.80	cps
Manganese	55-2	1513	1550	1630	1565	3.81	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3909	3792	3559	3753	4.75	cps
Molybdenum	95-1	4268	4334	3934	4179	5.13	cps
Molybdenum	96-1	7511	7186	7036	7244	3.35	cps
Molybdenum	97-1	2867	2842	2759	2823	2.01	cps
Molybdenum	98-1	6602	6694	6652	6649	0.69	cps
Neodymium	150-1	80	87	67	78	13.09	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	1640	1663	1747	1683	3.33	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5598040	5629526	5709092	5645552	1.01	cps
Rhodium	103-1	5977114	5952664	5896486	5942088	0.70	cps
Rhodium	103-2	1738650	1723801	1715561	1726004	0.68	cps
Scandium	45-1	3951428	3965953	3938708	3952030	0.34	cps
Scandium	45-2	39111	38837	37911	38620	1.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	3	90	134	76	88.23	cps
Silicon	28-1	1066463	1117096	1146183	1109914	3.63	cps
Silver	109-1	1242	933	950	1042	16.65	cps
Silver	107-1	1267	917	1000	1061	17.23	cps
Sodium	23-2	44691720	45025279	45287159	45001386	0.66	cps
Strontium	86-1	92194	93821	93527	93181	0.93	cps
Strontium	88-1	800243	800633	801790	800889	0.10	cps
Sulfur	34-1	423548	425752	426500	425267	0.36	cps
Terbium	159-1	8426368	8268048	8272150	8322189	1.08	cps
Terbium	159-2	1926188	1904466	1902637	1911097	0.69	cps
Thallium	203-1	1992	2159	1967	2039	5.11	cps
Thallium	205-1	5410	4551	4626	4862	9.78	cps
Tin	118-1	5935	5376	5793	5701	5.09	cps
Titanium	47-1	1501	1008	950	1153	26.26	cps
Uranium	238-1	1592	1542	1517	1550	2.46	cps
Vanadium	51-2	280	300	290	290	3.45	cps
Yttrium	89-1	7251417	7223439	7201622	7225493	0.35	cps
Yttrium	89-2	258961	260348	261234	260181	0.44	cps
Zinc	66-2	1250	1130	1260	1213	5.96	cps
Zirconium	90-1	3426	3092	3292	3270	5.13	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:20:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	817	783	558	719	19.53	cps

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:23:41 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4484	4101	4268	4284	4.49	cps
Antimony	121-1	2026290	1973105	1975976	1991790	1.50	cps
Arsenic	75-2	25897	26032	26082	26004	0.37	cps
Barium	135-1	203422	200301	204652	202792	1.11	cps
Barium	137-1	349477	352536	355588	352534	0.87	cps
Beryllium	9-1	142324	142577	143042	142648	0.26	cps
Bismuth	209-1	4731027	4773494	4774307	4759609	0.52	cps
Bismuth	209-2	1544889	1537333	1503746	1528656	1.43	cps
Boron	10-1	93320	97773	96934	96009	2.46	cps
Boron	11-1	446873	454656	452993	451507	0.91	cps
Cadmium	111-1	228743	226512	226332	227196	0.59	cps
Cadmium	106-1	37478	37019	35799	36765	2.36	cps
Cadmium	108-1	20604	20170	20082	20285	1.38	cps
Calcium	43-1	48987	50174	50174	49778	1.38	cps
Calcium	44-1	806630	808052	813737	809473	0.46	cps
Chromium	52-2	105054	107502	106833	106463	1.19	cps
Cobalt	59-2	228615	226456	229254	228108	0.64	cps
Copper	63-2	195342	195378	195785	195502	0.13	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	117	50	58	75	48.43	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	8016685	8006005	7924524	7982405	0.63	cps
Holmium	165-2	2015493	1976329	1939558	1977126	1.92	cps
Indium	115-1	7020752	6980403	6935592	6978916	0.61	cps
Indium	115-2	359250	358633	352672	356852	1.02	cps
Iron	56-2	729668	725952	723561	726394	0.42	cps
Iron	57-2	18574	18952	18018	18515	2.54	cps
Lead	206-1	1085361	1089536	1093821	1089572	0.39	cps
Lead	207-1	947598	949672	954498	950589	0.37	cps
Lead	208-1	4419492	4427854	4438395	4428580	0.21	cps
Lithium	6-1	1179088	1155836	1175376	1170100	1.07	cps
Magnesium	24-2	48475	47564	46678	47572	1.89	cps
Manganese	55-2	30941	31185	31676	31267	1.20	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:23:41	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4019047	3979089	4007432	4001856	0.51	cps
Molybdenum	95-1	2137531	2187732	2189967	2171743	1.37	cps
Molybdenum	96-1	2768317	2745422	2772788	2762176	0.53	cps
Molybdenum	97-1	1332586	1329991	1329969	1330849	0.11	cps
Molybdenum	98-1	3446475	3440278	3446738	3444497	0.11	cps
Neodymium	150-1	27	27	53	36	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67573	66699	66897	67056	0.68	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	51102	50902	51620	51208	0.72	cps
Rhodium	103-1	6599248	6602236	6564161	6588549	0.32	cps
Rhodium	103-2	1911200	1909430	1874352	1898328	1.09	cps
Scandium	45-1	4107175	4120709	4074425	4100769	0.58	cps
Scandium	45-2	40736	39710	39776	40074	1.43	cps
Selenium	77-2	173	233	243	217	17.47	cps
Selenium	78-2	670	656	633	653	2.85	cps
Selenium	82-1	27119	27181	27043	27115	0.25	cps
Silicon	28-1	2499484	2497700	2495733	2497639	0.08	cps
Silver	109-1	1013448	1008708	1026797	1016318	0.92	cps
Silver	107-1	1068750	1064033	1072856	1068546	0.41	cps
Sodium	23-2	206190	206006	206105	206100	0.04	cps
Strontium	86-1	1376181	1377917	1380499	1378199	0.16	cps
Strontium	88-1	11938203	12000295	11870991	11936496	0.54	cps
Sulfur	34-1	425139	421041	419166	421782	0.72	cps
Terbium	159-1	8270028	8377606	8348492	8332042	0.67	cps
Terbium	159-2	1947973	1948569	1929683	1942075	0.55	cps
Thallium	203-1	1365759	1368297	1384795	1372950	0.75	cps
Thallium	205-1	3301776	3318576	3331907	3317420	0.46	cps
Tin	118-1	3502652	3491590	3530787	3508343	0.58	cps
Titanium	47-1	568210	570293	568485	568996	0.20	cps
Uranium	238-1	10707478	10832390	10882651	10807506	0.83	cps
Vanadium	51-2	79725	79611	78475	79271	0.87	cps
Yttrium	89-1	7490951	7520489	7522068	7511170	0.23	cps
Yttrium	89-2	269060	266899	264407	266788	0.87	cps
Zinc	66-2	35820	35569	35719	35703	0.35	cps
Zirconium	90-1	7534514	7473515	7591944	7533324	0.79	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:23:41	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1700976	1676351	1705117	1694148	0.92	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:26:46	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	42	28	45.82	cps
Antimony	121-1	2092	1650	1592	1778	15.38	cps
Arsenic	75-2	2	9	2	4	99.03	cps
Barium	135-1	67	83	42	64	32.83	cps
Barium	137-1	92	58	83	78	22.30	cps
Beryllium	9-1	228	172	200	200	13.89	cps
Bismuth	209-1	4533757	4642511	4719235	4631834	2.01	cps
Bismuth	209-2	1528596	1517847	1515056	1520500	0.47	cps
Boron	10-1	2167	2450	2359	2325	6.22	cps
Boron	11-1	10955	10087	10087	10376	4.83	cps
Cadmium	111-1	1141	1061	1177	1126	5.27	cps
Cadmium	106-1	1575	1458	1650	1561	6.19	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	2550	2225	2209	2328	8.28	cps
Calcium	44-1	49923	48819	50617	49786	1.82	cps
Chromium	52-2	903	910	937	917	1.92	cps
Cobalt	59-2	50	67	50	56	17.32	cps
Copper	63-2	210	270	213	231	14.59	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	7621431	7903098	7922585	7815705	2.16	cps
Holmium	165-2	2001538	1998723	1993028	1997763	0.22	cps
Indium	115-1	6865774	6976510	6999784	6947356	1.03	cps
Indium	115-2	365693	359407	361554	362218	0.88	cps
Iron	56-2	2978	3012	2834	2941	3.21	cps
Iron	57-2	94	61	106	87	26.58	cps
Lead	206-1	783	833	683	767	9.96	cps
Lead	207-1	845	622	628	698	18.15	cps
Lead	208-1	3222	3006	2939	3056	4.85	cps
Lithium	6-1	1124905	1136340	1134648	1131964	0.55	cps
Magnesium	24-2	192	142	292	208	36.66	cps
Manganese	55-2	50	83	57	63	27.85	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:26:46	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	467	417	500	20.82	cps
Molybdenum	95-1	325	267	250	281	14.04	cps
Molybdenum	96-1	450	442	367	419	10.94	cps
Molybdenum	97-1	283	200	225	236	18.11	cps
Molybdenum	98-1	458	475	342	425	17.09	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	143	127	147	14.90	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	4034	4167	3851	4017	3.96	cps
Rhodium	103-1	6330698	6490177	6570373	6463749	1.89	cps
Rhodium	103-2	1895523	1886616	1886306	1889481	0.28	cps
Scandium	45-1	3937082	4015963	4069140	4007395	1.66	cps
Scandium	45-2	39599	39656	39686	39647	0.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	-92	12	-111	-64	-103.63	cps
Silicon	28-1	483012	488333	484870	485405	0.56	cps
Silver	109-1	167	183	167	172	5.58	cps
Silver	107-1	242	192	233	222	12.05	cps
Sodium	23-2	12898	11397	11405	11900	7.26	cps
Strontium	86-1	1075	1083	1075	1078	0.45	cps
Strontium	88-1	250	217	242	236	7.35	cps
Sulfur	34-1	406717	407790	406452	406986	0.17	cps
Terbium	159-1	7915299	8159971	8191315	8088862	1.87	cps
Terbium	159-2	1927419	1951902	1931540	1936954	0.68	cps
Thallium	203-1	692	675	642	669	3.80	cps
Thallium	205-1	1600	1325	1300	1408	11.82	cps
Tin	118-1	3384	3150	2909	3148	7.55	cps
Titanium	47-1	150	158	208	172	18.32	cps
Uranium	238-1	517	417	500	478	11.21	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	7147497	7325507	7313312	7262105	1.37	cps
Yttrium	89-2	267774	265946	267153	266958	0.35	cps
Zinc	66-2	53	43	60	52	16.07	cps
Zirconium	90-1	708	633	983	775	23.78	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:26:46	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	233	167	203	16.61	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:29:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	721840	733260	718195	724432	1.08	cps
Antimony	121-1	11931	12364	11856	12050	2.28	cps
Arsenic	75-2	57	31	56	48	30.04	cps
Barium	135-1	2842	2992	3076	2970	3.98	cps
Barium	137-1	5068	4934	5335	5112	3.99	cps
Beryllium	9-1	561	489	522	524	6.90	cps
Bismuth	209-1	4597393	4598560	4613120	4603024	0.19	cps
Bismuth	209-2	1462843	1302969	1367832	1377881	5.84	cps
Boron	10-1	2067	2025	1917	2003	3.87	cps
Boron	11-1	9387	9145	8778	9103	3.37	cps
Cadmium	111-1	1775	1660	1531	1655	7.38	cps
Cadmium	106-1	1534	1567	1358	1486	7.53	cps
Cadmium	108-1	1158	1183	1058	1133	5.84	cps
Calcium	43-1	2116868	2150279	2122198	2129782	0.84	cps
Calcium	44-1	34309709	34573021	34217536	34366755	0.54	cps
Chromium	52-2	21300	21563	20579	21147	2.41	cps
Cobalt	59-2	2640	2577	2470	2563	3.35	cps
Copper	63-2	14217	14922	14474	14538	2.45	cps
Dysprosium	156-1	33	0	42	25	88.19	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	33	75	100	69	48.50	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	125	75	133	111	28.40	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	8102509	8271432	8173056	8182332	1.04	cps
Holmium	165-2	1997516	1807783	1886580	1897293	5.02	cps
Indium	115-1	6921797	7006833	6934015	6954215	0.66	cps
Indium	115-2	353588	317509	330322	333807	5.48	cps
Iron	56-2	68030408	68754477	67879610	68221498	0.69	cps
Iron	57-2	1774034	1801279	1800059	1791791	0.86	cps
Lead	206-1	24585	24775	24903	24754	0.65	cps
Lead	207-1	19310	19465	19460	19412	0.46	cps
Lead	208-1	92092	92499	92253	92282	0.22	cps
Lithium	6-1	1153356	1139806	1135362	1142841	0.82	cps
Magnesium	24-2	3748346	3716908	3705068	3723441	0.60	cps
Manganese	55-2	2424	2344	2264	2344	3.41	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:29:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4659928	4705899	4620506	4662111	0.92	cps
Molybdenum	95-1	8163392	8162610	8163122	8163041	0.00	cps
Molybdenum	96-1	8639035	8766526	8662202	8689254	0.78	cps
Molybdenum	97-1	5083906	5104500	5099469	5095958	0.21	cps
Molybdenum	98-1	13098465	13203256	13132504	13144742	0.41	cps
Neodymium	150-1	93	33	20	49	79.91	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	3327	3440	3410	3393	1.73	cps
Phosphorus	31-2	56924	56355	55811	56363	0.99	cps
Potassium	39-2	2337745	2328454	2336716	2334305	0.22	cps
Rhodium	103-1	6381342	6431975	6418883	6410733	0.41	cps
Rhodium	103-2	1836648	1615586	1676525	1709586	6.68	cps
Scandium	45-1	4113620	4133472	4131397	4126163	0.26	cps
Scandium	45-2	39556	35544	36351	37150	5.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	6	5	57.32	cps
Selenium	82-1	22	81	29	44	73.18	cps
Silicon	28-1	622936	621931	618808	621225	0.35	cps
Silver	109-1	1684	1717	1517	1639	6.54	cps
Silver	107-1	2150	1709	1775	1878	12.68	cps
Sodium	23-2	9059142	9051577	8982863	9031194	0.47	cps
Strontium	86-1	92547	93545	92731	92941	0.57	cps
Strontium	88-1	786593	789006	786658	787419	0.17	cps
Sulfur	34-1	2792021	2856306	2839580	2829302	1.18	cps
Terbium	159-1	8516571	8452751	8372884	8447402	0.85	cps
Terbium	159-2	1978024	1727002	1806698	1837241	6.98	cps
Thallium	203-1	1000	1150	1075	1075	6.98	cps
Thallium	205-1	2192	2550	2542	2428	8.42	cps
Tin	118-1	3459	3025	3009	3164	8.07	cps
Titanium	47-1	2201850	2228107	2216910	2215622	0.59	cps
Uranium	238-1	475	450	533	486	8.80	cps
Vanadium	51-2	77	123	143	114	29.89	cps
Yttrium	89-1	7458605	7547493	7527772	7511290	0.62	cps
Yttrium	89-2	269268	237718	249456	252147	6.32	cps
Zinc	66-2	1880	2037	1867	1928	4.90	cps
Zirconium	90-1	2834	3084	2909	2942	4.36	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:29:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	525	642	572	10.73	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	730555	718647	722716	723972	0.84	cps
Antimony	121-1	203950	207877	206000	205942	0.95	cps
Arsenic	75-2	2467	2645	2561	2558	3.48	cps
Barium	135-1	43665	42394	44024	43361	1.98	cps
Barium	137-1	74342	74661	77058	75354	1.97	cps
Beryllium	9-1	28852	28935	28907	28898	0.15	cps
Bismuth	209-1	4303810	4481831	4541108	4442250	2.78	cps
Bismuth	209-2	1464739	1452139	1471356	1462745	0.67	cps
Boron	10-1	8094	8469	9028	8531	5.51	cps
Boron	11-1	37709	38570	37818	38032	1.23	cps
Cadmium	111-1	44715	43957	43079	43917	1.86	cps
Cadmium	106-1	6518	6093	6077	6229	4.02	cps
Cadmium	108-1	4251	4305	4134	4230	2.06	cps
Calcium	43-1	2168605	2159429	2132977	2153670	0.86	cps
Calcium	44-1	34664081	34737208	34406786	34602692	0.50	cps
Chromium	52-2	43016	41863	42822	42567	1.45	cps
Cobalt	59-2	46732	46548	46561	46613	0.22	cps
Copper	63-2	51559	52208	51572	51780	0.72	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	58	58	50	56	8.67	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	117	83	108	103	16.88	cps
Gadolinium	160-2	20	7	40	22	75.49	cps
Holmium	165-1	7524395	7939723	8039096	7834405	3.49	cps
Holmium	165-2	2029062	1995229	2018330	2014207	0.86	cps
Indium	115-1	6449536	6851343	6916450	6739110	3.75	cps
Indium	115-2	360619	353394	357475	357163	1.01	cps
Iron	56-2	69145122	68917660	68573507	68878763	0.42	cps
Iron	57-2	1811343	1803436	1782634	1799138	0.82	cps
Lead	206-1	130828	130284	129879	130330	0.37	cps
Lead	207-1	107659	107922	109187	108256	0.75	cps
Lead	208-1	504302	504366	501909	503526	0.28	cps
Lithium	6-1	1034785	1076684	1114728	1075399	3.72	cps
Magnesium	24-2	3775282	3752942	3728055	3752093	0.63	cps
Manganese	55-2	8603	8519	8489	8537	0.69	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5013020	5015404	4957195	4995206	0.66	cps
Molybdenum	95-1	8321821	8412717	8313915	8349484	0.66	cps
Molybdenum	96-1	8883747	9000736	8851427	8911970	0.88	cps
Molybdenum	97-1	5214773	5227071	5173096	5204980	0.54	cps
Molybdenum	98-1	13422821	13506171	13379218	13436070	0.48	cps
Neodymium	150-1	47	33	27	36	28.64	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	16266	16236	16036	16180	0.77	cps
Phosphorus	31-2	57234	57325	58028	57529	0.76	cps
Potassium	39-2	2336189	2342343	2336543	2338358	0.15	cps
Rhodium	103-1	5905039	6338964	6386928	6210310	4.27	cps
Rhodium	103-2	1838799	1824732	1825352	1829628	0.43	cps
Scandium	45-1	3810994	4041192	4121733	3991306	4.04	cps
Scandium	45-2	39496	39519	39857	39624	0.51	cps
Selenium	77-2	17	23	10	17	39.99	cps
Selenium	78-2	50	61	70	60	16.86	cps
Selenium	82-1	2659	2621	2608	2629	1.02	cps
Silicon	28-1	795055	789175	786798	790342	0.54	cps
Silver	109-1	189584	190464	189947	189998	0.23	cps
Silver	107-1	198508	199363	199694	199188	0.31	cps
Sodium	23-2	9121569	9042661	9108272	9090834	0.46	cps
Strontium	86-1	195867	193967	194221	194685	0.53	cps
Strontium	88-1	1717906	1722301	1699580	1713262	0.70	cps
Sulfur	34-1	2830258	2821340	2798731	2816776	0.58	cps
Terbium	159-1	7822018	8348405	8314091	8161505	3.61	cps
Terbium	159-2	1943042	1923792	1926104	1930979	0.54	cps
Thallium	203-1	135466	133865	131079	133470	1.66	cps
Thallium	205-1	314324	312799	309870	312331	0.72	cps
Tin	118-1	262154	258664	256842	259220	1.04	cps
Titanium	47-1	2282865	2297497	2264470	2281611	0.73	cps
Uranium	238-1	739599	723709	722085	728464	1.33	cps
Vanadium	51-2	16033	15445	15812	15763	1.88	cps
Yttrium	89-1	6992757	7467886	7457543	7306062	3.71	cps
Yttrium	89-2	268425	264309	267676	266804	0.82	cps
Zinc	66-2	5208	5451	5354	5338	2.30	cps
Zirconium	90-1	567403	565107	564816	565776	0.25	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:32:59	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125323	127300	126349	126324	0.78	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	411915	410011	402006	407978	1.29	cps
Antimony	121-1	5001480	5016847	5021005	5013111	0.21	cps
Arsenic	75-2	65515	64877	64397	64930	0.86	cps
Barium	135-1	5118972	5182501	5176269	5159247	0.68	cps
Barium	137-1	8929963	8958631	9010899	8966498	0.46	cps
Beryllium	9-1	706904	713912	712470	711095	0.52	cps
Bismuth	209-1	4676709	4594884	4582927	4618173	1.11	cps
Bismuth	209-2	1453967	1411404	1451493	1438955	1.66	cps
Boron	10-1	84054	84331	85303	84563	0.78	cps
Boron	11-1	383162	389348	399462	390657	2.11	cps
Cadmium	111-1	1055588	1061323	1055510	1057474	0.32	cps
Cadmium	106-1	110441	111484	108938	110288	1.16	cps
Cadmium	108-1	74132	73788	74534	74151	0.50	cps
Calcium	43-1	5379513	5340997	5324711	5348407	0.53	cps
Calcium	44-1	87267708	88000546	87975029	87747761	0.47	cps
Chromium	52-2	538844	538485	535304	537544	0.36	cps
Cobalt	59-2	1097765	1096771	1091418	1095318	0.31	cps
Copper	63-2	1853152	1862565	1848331	1854683	0.39	cps
Dysprosium	156-1	150	167	125	147	14.24	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	83	50	108	81	36.33	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	125	133	167	142	15.56	cps
Gadolinium	160-2	13	47	27	29	58.08	cps
Holmium	165-1	8178329	8117398	8180257	8158661	0.44	cps
Holmium	165-2	2039759	1934656	2001478	1991964	2.67	cps
Indium	115-1	6852064	6885461	6863170	6866898	0.25	cps
Indium	115-2	349044	334761	348580	344128	2.36	cps
Iron	56-2	86911455	86402707	85910916	86408359	0.58	cps
Iron	57-2	2256286	2262285	2284366	2267646	0.65	cps
Lead	206-1	2702194	2690983	2705520	2699566	0.28	cps
Lead	207-1	2496691	2515760	2497150	2503200	0.43	cps
Lead	208-1	11048781	11005541	11062252	11038858	0.27	cps
Lithium	6-1	1125364	1115039	1112010	1117471	0.63	cps
Magnesium	24-2	9547286	9645746	9512950	9568661	0.72	cps
Manganese	55-2	307238	307213	307268	307239	0.01	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4073311	4105111	4086917	4088446	0.39	cps
Molybdenum	95-1	2200995	2244133	2210207	2218445	1.02	cps
Molybdenum	96-1	2842599	2842143	2839457	2841400	0.06	cps
Molybdenum	97-1	1385577	1342967	1344037	1357527	1.79	cps
Molybdenum	98-1	3534344	3506512	3478504	3506453	0.80	cps
Neodymium	150-1	307	233	220	253	18.42	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	315602	313909	314007	314506	0.30	cps
Phosphorus	31-2	6010	6285	6052	6115	2.42	cps
Potassium	39-2	3013419	3051275	2954708	3006468	1.62	cps
Rhodium	103-1	6341058	6320491	6300539	6320696	0.32	cps
Rhodium	103-2	1803300	1705592	1800253	1769715	3.14	cps
Scandium	45-1	4117584	4108877	4138248	4121570	0.37	cps
Scandium	45-2	39586	38934	39860	39460	1.20	cps
Selenium	77-2	450	513	493	486	6.67	cps
Selenium	78-2	1602	1676	1587	1622	2.94	cps
Selenium	82-1	66310	66335	66140	66262	0.16	cps
Silicon	28-1	2522175	2536184	2534206	2530855	0.30	cps
Silver	109-1	4925717	5022006	4979021	4975581	0.97	cps
Silver	107-1	5195230	5237624	5223767	5218873	0.41	cps
Sodium	23-2	23217641	23237365	23029967	23161658	0.49	cps
Strontium	86-1	1426420	1454710	1460850	1447327	1.27	cps
Strontium	88-1	12421859	12453655	12405107	12426874	0.20	cps
Sulfur	34-1	716478	718551	725032	720020	0.62	cps
Terbium	159-1	8506616	8450053	8403031	8453233	0.61	cps
Terbium	159-2	1975023	1902267	1953399	1943563	1.92	cps
Thallium	203-1	3401283	3339102	3398681	3379689	1.04	cps
Thallium	205-1	7875028	7772156	7877903	7841696	0.77	cps
Tin	118-1	3505531	3545596	3499201	3516776	0.72	cps
Titanium	47-1	577164	580680	582219	580021	0.45	cps
Uranium	238-1	10468277	10407097	10252998	10376124	1.07	cps
Vanadium	51-2	402764	400777	400915	401485	0.28	cps
Yttrium	89-1	7449480	7448574	7430704	7442920	0.14	cps
Yttrium	89-2	266857	258521	267617	264332	1.91	cps
Zinc	66-2	169096	170760	169471	169776	0.51	cps
Zirconium	90-1	7822679	7666258	7696240	7728393	1.07	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:36:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1760940	1753275	1735898	1750038	0.73	cps

LB Number : LB89697 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P8
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-24 14:39:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	33	11	173.21	cps
Antimony	121-1	3601	2650	2775	3009	17.16	cps
Arsenic	75-2	13	2	6	7	83.30	cps
Barium	135-1	325	58	50	144	108.29	cps
Barium	137-1	500	133	58	231	102.51	cps
Beryllium	9-1	344	322	206	291	25.66	cps
Bismuth	209-1	4612943	4769135	4804735	4728938	2.16	cps
Bismuth	209-2	1561507	1563056	1545655	1556739	0.62	cps
Boron	10-1	2742	2217	2317	2425	11.50	cps
Boron	11-1	11488	11130	10046	10888	6.90	cps
Cadmium	111-1	1117	1053	1161	1110	4.87	cps
Cadmium	106-1	1508	1433	1584	1508	4.97	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	2375	2550	2067	2331	10.50	cps
Calcium	44-1	56699	51337	51303	53113	5.85	cps
Chromium	52-2	867	903	897	889	2.20	cps
Cobalt	59-2	33	47	87	56	49.96	cps
Copper	63-2	327	493	260	360	33.38	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	50	42	83	58	37.80	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	7615659	7967486	8050928	7878024	2.93	cps
Holmium	165-2	2073123	2038328	2018210	2043220	1.36	cps
Indium	115-1	6855790	7108666	7154001	7039486	2.28	cps
Indium	115-2	373124	373414	367118	371219	0.96	cps
Iron	56-2	4034	3873	3395	3767	8.82	cps
Iron	57-2	83	94	78	85	9.96	cps
Lead	206-1	822	667	644	711	13.62	cps
Lead	207-1	911	633	611	719	23.27	cps
Lead	208-1	3511	2722	2711	2982	15.39	cps
Lithium	6-1	1100264	1161880	1150270	1137471	2.88	cps
Magnesium	24-2	242	350	233	275	23.67	cps
Manganese	55-2	50	80	63	64	23.32	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:39:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	675	650	789	27.79	cps
Molybdenum	95-1	733	558	425	572	27.02	cps
Molybdenum	96-1	967	625	508	700	34.03	cps
Molybdenum	97-1	508	325	367	400	24.03	cps
Molybdenum	98-1	1033	742	575	783	29.62	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	187	177	157	173	8.81	cps
Phosphorus	31-2	25	0	25	17	86.60	cps
Potassium	39-2	4551	4192	4593	4445	4.95	cps
Rhodium	103-1	6449822	6654975	6645549	6583449	1.76	cps
Rhodium	103-2	1953846	1948805	1910048	1937566	1.24	cps
Scandium	45-1	4000430	4166484	4145100	4104005	2.20	cps
Scandium	45-2	40167	39954	39913	40011	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-81	-55	-12	-49	-70.71	cps
Silicon	28-1	479487	468078	477442	475002	1.28	cps
Silver	109-1	808	442	375	542	43.08	cps
Silver	107-1	708	567	392	556	28.55	cps
Sodium	23-2	15125	13874	13507	14169	5.99	cps
Strontium	86-1	1075	1142	1025	1081	5.42	cps
Strontium	88-1	942	283	367	531	67.57	cps
Sulfur	34-1	386906	388682	392581	389390	0.75	cps
Terbium	159-1	8109576	8392913	8418763	8307084	2.06	cps
Terbium	159-2	1993934	1992034	1971246	1985738	0.63	cps
Thallium	203-1	925	883	692	833	14.93	cps
Thallium	205-1	2392	1934	1534	1953	22.00	cps
Tin	118-1	2642	2484	2259	2461	7.83	cps
Titanium	47-1	258	183	217	219	17.13	cps
Uranium	238-1	658	200	183	347	77.64	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Yttrium	89-1	7200042	7586809	7547727	7444859	2.86	cps
Yttrium	89-2	273980	275061	269008	272683	1.18	cps
Zinc	66-2	37	70	30	46	47.04	cps
Zirconium	90-1	1609	1108	1050	1256	24.45	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:39:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	217	233	297	42.18	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	150	125	161	26.54	cps
Antimony	121-1	18906	19841	19657	19468	2.54	cps
Arsenic	75-2	120	135	124	127	6.09	cps
Barium	135-1	17554	17579	18222	17785	2.13	cps
Barium	137-1	30252	30987	31731	30990	2.39	cps
Beryllium	9-1	1472	1445	1489	1469	1.53	cps
Bismuth	209-1	4671844	4688442	4711966	4690751	0.43	cps
Bismuth	209-2	1537221	1541510	1547304	1542012	0.33	cps
Boron	10-1	4968	5276	4951	5065	3.62	cps
Boron	11-1	23453	22635	24112	23400	3.16	cps
Cadmium	111-1	2950	3087	2940	2992	2.74	cps
Cadmium	106-1	1667	1734	1317	1572	14.24	cps
Cadmium	108-1	167	146	171	161	8.31	cps
Calcium	43-1	11939	11956	11806	11900	0.69	cps
Calcium	44-1	206616	211598	211209	209807	1.32	cps
Chromium	52-2	3200	2974	3054	3076	3.74	cps
Cobalt	59-2	2100	2004	2067	2057	2.39	cps
Copper	63-2	4361	4087	4194	4214	3.27	cps
Dysprosium	156-1	33	0	25	19	89.22	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	58	75	25	53	48.24	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	7923693	8004454	8087442	8005196	1.02	cps
Holmium	165-2	2071170	2039705	2054070	2054982	0.77	cps
Indium	115-1	7061302	7128681	7218389	7136124	1.10	cps
Indium	115-2	377442	374276	379240	376986	0.67	cps
Iron	56-2	35718	35468	36292	35826	1.18	cps
Iron	57-2	906	772	967	882	11.28	cps
Lead	206-1	6363	6107	5924	6131	3.60	cps
Lead	207-1	5268	5235	5368	5290	1.31	cps
Lead	208-1	25016	24543	24221	24593	1.63	cps
Lithium	6-1	1121865	1150026	1166766	1146219	1.98	cps
Magnesium	24-2	17420	17386	17011	17272	1.31	cps
Manganese	55-2	383	437	337	386	12.98	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16285	17295	16419	16666	3.29	cps
Molybdenum	95-1	19423	19273	20057	19584	2.13	cps
Molybdenum	96-1	22194	21218	21568	21660	2.28	cps
Molybdenum	97-1	11847	12056	11606	11836	1.90	cps
Molybdenum	98-1	30594	30118	30352	30354	0.78	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	770	747	827	781	5.27	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	15893	14450	15309	15217	4.77	cps
Rhodium	103-1	6668591	6669095	6653805	6663830	0.13	cps
Rhodium	103-2	1970945	1950975	1956482	1959468	0.53	cps
Scandium	45-1	4095818	4206374	4162419	4154870	1.34	cps
Scandium	45-2	41087	40351	41638	41026	1.57	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	13	24	6	14	65.63	cps
Selenium	82-1	556	670	551	592	11.42	cps
Silicon	28-1	502391	510092	510397	507627	0.89	cps
Silver	109-1	12273	13007	12548	12609	2.94	cps
Silver	107-1	13199	13157	13032	13129	0.66	cps
Sodium	23-2	53744	52899	52272	52972	1.39	cps
Strontium	86-1	3551	3626	3601	3592	1.06	cps
Strontium	88-1	21843	22544	22352	22247	1.63	cps
Sulfur	34-1	390011	392546	389525	390694	0.42	cps
Terbium	159-1	8330541	8369936	8385134	8361870	0.34	cps
Terbium	159-2	2001607	1990751	1987874	1993411	0.36	cps
Thallium	203-1	6735	6602	6319	6552	3.25	cps
Thallium	205-1	15460	15068	15251	15260	1.29	cps
Tin	118-1	32023	32641	32942	32535	1.44	cps
Titanium	47-1	4934	4893	5693	5173	8.71	cps
Uranium	238-1	17530	18197	18364	18030	2.45	cps
Vanadium	51-2	3874	3470	3654	3666	5.51	cps
Yttrium	89-1	7444440	7520889	7554015	7506448	0.75	cps
Yttrium	89-2	273155	275532	275785	274824	0.53	cps
Zinc	66-2	423	417	453	431	4.53	cps
Zirconium	90-1	14875	14809	15142	14942	1.18	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:42:10	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3142	3326	3084	3184	3.96	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BL	Instrumnet Name :	P8
Client Sample ID :	PB101792BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:45:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	42	28	45.82	cps
Antimony	121-1	725	767	758	750	2.94	cps
Arsenic	75-2	6	9	2	6	66.68	cps
Barium	135-1	17	58	83	53	63.81	cps
Barium	137-1	67	58	67	64	7.53	cps
Beryllium	9-1	211	172	94	159	37.30	cps
Bismuth	209-1	4773376	4743985	4706571	4741311	0.71	cps
Bismuth	209-2	1550682	1546536	1537772	1544997	0.43	cps
Boron	10-1	1592	1475	1600	1556	4.49	cps
Boron	11-1	6919	7027	6510	6819	4.00	cps
Cadmium	111-1	1239	1102	883	1075	16.70	cps
Cadmium	106-1	1725	1575	1275	1525	15.03	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	2400	2550	2192	2381	7.56	cps
Calcium	44-1	49990	49086	50015	49697	1.06	cps
Chromium	52-2	843	967	983	931	8.21	cps
Cobalt	59-2	50	47	53	50	6.66	cps
Copper	63-2	353	350	260	321	16.49	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	50	108	75	78	37.63	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8016873	7993309	7985366	7998516	0.20	cps
Holmium	165-2	2051773	2049503	1989092	2030123	1.75	cps
Indium	115-1	7187065	7075607	7120712	7127795	0.79	cps
Indium	115-2	374086	372624	368388	371699	0.80	cps
Iron	56-2	2861	2850	2906	2873	1.02	cps
Iron	57-2	144	83	44	91	55.55	cps
Lead	206-1	706	639	650	665	5.37	cps
Lead	207-1	639	600	611	617	3.25	cps
Lead	208-1	2606	2722	2661	2663	2.19	cps
Lithium	6-1	1129603	1135697	1151627	1138976	1.00	cps
Magnesium	24-2	208	192	242	214	11.90	cps
Manganese	55-2	53	80	110	81	34.95	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BL	Instrumnet Name :	P8
Client Sample ID :	PB101792BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:45:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	283	267	292	10.30	cps
Molybdenum	95-1	167	183	183	178	5.41	cps
Molybdenum	96-1	267	233	250	250	6.67	cps
Molybdenum	97-1	83	67	108	86	24.35	cps
Molybdenum	98-1	225	250	208	228	9.21	cps
Neodymium	150-1	7	27	33	22	62.44	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	127	97	114	13.76	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	3859	3901	3942	3901	1.07	cps
Rhodium	103-1	6731444	6661876	6626111	6673144	0.80	cps
Rhodium	103-2	1951856	1942894	1920298	1938349	0.84	cps
Scandium	45-1	4134335	4142423	4142042	4139600	0.11	cps
Scandium	45-2	40866	39900	39231	39999	2.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-72	3	-114	-61	-96.87	cps
Silicon	28-1	457496	465844	456556	459965	1.11	cps
Silver	109-1	292	342	275	303	11.46	cps
Silver	107-1	292	133	300	242	38.86	cps
Sodium	23-2	8836	9128	8770	8911	2.14	cps
Strontium	86-1	1075	983	1067	1042	4.87	cps
Strontium	88-1	233	200	242	225	9.80	cps
Sulfur	34-1	401101	400969	397464	399845	0.52	cps
Terbium	159-1	8289253	8291298	8352246	8310932	0.43	cps
Terbium	159-2	1990593	1980738	1948188	1973173	1.12	cps
Thallium	203-1	275	292	325	297	8.57	cps
Thallium	205-1	750	592	742	695	12.83	cps
Tin	118-1	1817	1492	1709	1672	9.90	cps
Titanium	47-1	150	217	225	197	20.84	cps
Uranium	238-1	92	108	67	89	23.59	cps
Vanadium	51-2	7	27	7	13	86.58	cps
Yttrium	89-1	7598157	7534908	7586838	7573301	0.45	cps
Yttrium	89-2	273196	273569	272521	273095	0.19	cps
Zinc	66-2	77	47	33	52	42.50	cps
Zirconium	90-1	717	633	583	644	10.45	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BL	Instrumnet Name :	P8
Client Sample ID :	PB101792BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:45:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	117	75	119	38.43	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79707	78819	78492	79006	0.80	cps
Antimony	121-1	5032098	5075750	5106167	5071338	0.73	cps
Arsenic	75-2	65739	65677	65459	65625	0.22	cps
Barium	135-1	5156044	5135829	5139346	5143739	0.21	cps
Barium	137-1	8872508	8967821	8896427	8912252	0.56	cps
Beryllium	9-1	717510	712964	712824	714433	0.37	cps
Bismuth	209-1	4802237	4801366	4758015	4787206	0.53	cps
Bismuth	209-2	1531593	1518368	1452368	1500776	2.83	cps
Boron	10-1	80819	81959	82621	81800	1.11	cps
Boron	11-1	374950	378632	386202	379928	1.51	cps
Cadmium	111-1	1081568	1087296	1098938	1089267	0.81	cps
Cadmium	106-1	114172	115163	113415	114250	0.77	cps
Cadmium	108-1	76072	77194	77710	76992	1.09	cps
Calcium	43-1	1075968	1091211	1088873	1085351	0.76	cps
Calcium	44-1	17761735	18004781	17793471	17853329	0.74	cps
Chromium	52-2	537973	538571	533321	536622	0.54	cps
Cobalt	59-2	1118383	1113216	1120429	1117343	0.33	cps
Copper	63-2	1943002	1935068	1943326	1940465	0.24	cps
Dysprosium	156-1	100	42	25	56	70.88	cps
Dysprosium	156-2	17	33	27	26	32.81	cps
Erbium	164-1	75	17	67	53	59.77	cps
Erbium	164-2	20	7	3	10	88.20	cps
Gadolinium	160-1	83	142	158	128	30.82	cps
Gadolinium	160-2	10	27	23	20	44.10	cps
Holmium	165-1	8200187	8137738	8103828	8147251	0.60	cps
Holmium	165-2	2036013	2051078	1943115	2010069	2.91	cps
Indium	115-1	7105608	7072298	6994776	7057561	0.81	cps
Indium	115-2	359576	358103	341598	353092	2.83	cps
Iron	56-2	18155219	18076730	18069155	18100368	0.26	cps
Iron	57-2	458559	457636	456786	457661	0.19	cps
Lead	206-1	2724989	2741167	2740970	2735709	0.34	cps
Lead	207-1	2501470	2517123	2515995	2511529	0.35	cps
Lead	208-1	11085911	11175722	11180203	11147278	0.48	cps
Lithium	6-1	1152204	1170978	1145719	1156300	1.13	cps
Magnesium	24-2	1989867	2002065	1960173	1984035	1.09	cps
Manganese	55-2	309117	307705	307822	308215	0.25	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4088028	4110368	4137925	4112107	0.61	cps
Molybdenum	95-1	2183984	2228929	2223700	2212204	1.11	cps
Molybdenum	96-1	2850784	2844878	2861257	2852306	0.29	cps
Molybdenum	97-1	1342799	1370044	1343538	1352127	1.15	cps
Molybdenum	98-1	3520242	3538657	3483725	3514208	0.80	cps
Neodymium	150-1	240	167	173	193	20.98	cps
Neodymium	150-2	27	3	13	14	81.07	cps
Nickel	60-2	325830	325513	325230	325524	0.09	cps
Phosphorus	31-2	6168	6127	6035	6110	1.12	cps
Potassium	39-2	590982	596142	595540	594221	0.47	cps
Rhodium	103-1	6590428	6556080	6462627	6536378	1.01	cps
Rhodium	103-2	1891317	1861419	1788846	1847194	2.85	cps
Scandium	45-1	4206128	4190282	4128805	4175072	0.98	cps
Scandium	45-2	40448	40696	38520	39888	2.99	cps
Selenium	77-2	480	513	490	494	3.46	cps
Selenium	78-2	1608	1535	1672	1605	4.27	cps
Selenium	82-1	67356	67955	67444	67585	0.48	cps
Silicon	28-1	2566565	2619211	2637896	2607891	1.42	cps
Silver	109-1	5167387	5162487	5191709	5173861	0.30	cps
Silver	107-1	5369210	5435139	5445304	5416551	0.76	cps
Sodium	23-2	4718830	4743249	4718494	4726858	0.30	cps
Strontium	86-1	1394732	1418407	1412186	1408441	0.87	cps
Strontium	88-1	12211817	12164039	12227878	12201245	0.27	cps
Sulfur	34-1	745782	738430	746175	743462	0.59	cps
Terbium	159-1	8501785	8560328	8524361	8528825	0.35	cps
Terbium	159-2	2002032	1974541	1871075	1949216	3.54	cps
Thallium	203-1	3388821	3373851	3407310	3389994	0.49	cps
Thallium	205-1	7895274	7890978	7909838	7898697	0.13	cps
Tin	118-1	3547046	3541732	3517238	3535339	0.45	cps
Titanium	47-1	578108	580499	577150	578586	0.30	cps
Uranium	238-1	10045218	10149695	10253522	10149478	1.03	cps
Vanadium	51-2	399709	402143	401931	401261	0.34	cps
Yttrium	89-1	7682316	7614476	7615061	7637284	0.51	cps
Yttrium	89-2	270259	269551	258339	266049	2.51	cps
Zinc	66-2	175953	174415	175423	175264	0.45	cps
Zirconium	90-1	7686360	7815238	7710201	7737267	0.89	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	PB101792BS	Instrumnet Name :	P8
Client Sample ID :	PB101792BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:48:26	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1763655	1763877	1754071	1760534	0.32	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	642	708	686	5.61	cps
Antimony	121-1	29784	28432	28356	28857	2.79	cps
Arsenic	75-2	211	248	224	228	8.25	cps
Barium	135-1	128342	129672	130925	129646	1.00	cps
Barium	137-1	223689	224384	227095	225056	0.80	cps
Beryllium	9-1	233	233	217	228	4.23	cps
Bismuth	209-1	4332412	4297354	4290758	4306841	0.52	cps
Bismuth	209-2	1363781	1351296	1356171	1357083	0.46	cps
Boron	10-1	13307	13749	14258	13771	3.46	cps
Boron	11-1	62989	63031	63039	63020	0.04	cps
Cadmium	111-1	1280	1229	1216	1242	2.74	cps
Cadmium	106-1	1417	1367	1258	1347	6.01	cps
Cadmium	108-1	58	33	46	46	27.27	cps
Calcium	43-1	427419	422390	424819	424876	0.59	cps
Calcium	44-1	7038704	6962492	6985312	6995502	0.56	cps
Chromium	52-2	1327	1197	1260	1261	5.15	cps
Cobalt	59-2	693	697	770	720	6.02	cps
Copper	63-2	78923	78393	79375	78897	0.62	cps
Dysprosium	156-1	25	67	42	44	47.19	cps
Dysprosium	156-2	17	17	0	11	86.60	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	83	100	83	89	10.82	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	7267776	7216572	7197705	7227351	0.50	cps
Holmium	165-2	1800464	1758457	1755642	1771521	1.42	cps
Indium	115-1	7053547	7041852	6984515	7026638	0.53	cps
Indium	115-2	344374	337757	335681	339271	1.34	cps
Iron	56-2	19486	19264	18730	19160	2.03	cps
Iron	57-2	522	567	550	546	4.11	cps
Lead	206-1	9298	9382	9115	9265	1.47	cps
Lead	207-1	8003	8175	8003	8060	1.23	cps
Lead	208-1	37913	37061	36805	37260	1.56	cps
Lithium	6-1	1361395	1413048	1426123	1400189	2.44	cps
Magnesium	24-2	168132	167011	167668	167604	0.34	cps
Manganese	55-2	34032	33794	34242	34023	0.66	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	145607	145413	143888	144969	0.65	cps
Molybdenum	95-1	249155	247987	250734	249292	0.55	cps
Molybdenum	96-1	271639	269859	267845	269781	0.70	cps
Molybdenum	97-1	157843	155155	157362	156786	0.91	cps
Molybdenum	98-1	403180	402048	406818	404015	0.62	cps
Neodymium	150-1	53	47	27	42	32.87	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	1593	1700	1677	1657	3.38	cps
Phosphorus	31-2	58	83	108	83	30.00	cps
Potassium	39-2	136296	136245	133504	135348	1.18	cps
Rhodium	103-1	5979568	6001460	5986386	5989138	0.19	cps
Rhodium	103-2	1723041	1696646	1698028	1705905	0.87	cps
Scandium	45-1	3861749	3829253	3809114	3833372	0.69	cps
Scandium	45-2	35856	35485	35211	35517	0.91	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	11	11	9	49.52	cps
Selenium	82-1	170	152	114	145	19.43	cps
Silicon	28-1	9799741	9784313	9783984	9789346	0.09	cps
Silver	109-1	9095	8195	7502	8264	9.66	cps
Silver	107-1	8895	8687	8445	8675	2.60	cps
Sodium	23-2	2691181	2659373	2667442	2672665	0.62	cps
Strontium	86-1	176416	180501	178324	178413	1.15	cps
Strontium	88-1	1565832	1598579	1589785	1584732	1.07	cps
Sulfur	34-1	671766	670782	662057	668202	0.80	cps
Terbium	159-1	7585333	7608669	7639926	7611310	0.36	cps
Terbium	159-2	1734331	1745452	1716472	1732085	0.84	cps
Thallium	203-1	1542	1133	675	1117	38.83	cps
Thallium	205-1	3442	2775	2025	2748	25.80	cps
Tin	118-1	28324	24131	24790	25748	8.76	cps
Titanium	47-1	1042	1585	817	1148	34.40	cps
Uranium	238-1	54864	54647	55400	54970	0.71	cps
Vanadium	51-2	3507	3254	3474	3412	4.04	cps
Yttrium	89-1	6841507	6855272	6774875	6823885	0.63	cps
Yttrium	89-2	234910	234033	231466	233470	0.77	cps
Zinc	66-2	6018	5795	5955	5922	1.94	cps
Zirconium	90-1	4918	4543	4484	4648	5.06	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03	Instrumnet Name :	P8
Client Sample ID :	FT-07M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:51:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1158	933	800	964	18.79	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	775	683	725	6.40	cps
Antimony	121-1	26786	27162	27488	27145	1.29	cps
Arsenic	75-2	254	170	193	206	20.99	cps
Barium	135-1	134165	135689	134393	134749	0.61	cps
Barium	137-1	230311	232461	232546	231772	0.55	cps
Beryllium	9-1	200	206	217	207	4.09	cps
Bismuth	209-1	4314247	4367481	4436230	4372653	1.40	cps
Bismuth	209-2	1328802	1319576	1327251	1325209	0.37	cps
Boron	10-1	12306	13382	13232	12973	4.49	cps
Boron	11-1	57416	57441	58101	57653	0.67	cps
Cadmium	111-1	1158	1209	1028	1132	8.24	cps
Cadmium	106-1	1258	1358	1142	1253	8.66	cps
Cadmium	108-1	50	42	83	58	37.80	cps
Calcium	43-1	423875	423592	427349	424939	0.49	cps
Calcium	44-1	7022710	6997631	7106346	7042229	0.81	cps
Chromium	52-2	1270	1163	1187	1207	4.65	cps
Cobalt	59-2	567	683	760	670	14.53	cps
Copper	63-2	79526	77877	77994	78466	1.17	cps
Dysprosium	156-1	67	50	83	67	25.00	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	83	67	50	67	25.00	cps
Erbium	164-2	13	13	37	21	63.83	cps
Gadolinium	160-1	125	100	117	114	11.18	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	7313253	7342954	7381828	7346011	0.47	cps
Holmium	165-2	1752138	1728228	1745579	1741982	0.71	cps
Indium	115-1	6797177	6687510	6771894	6752194	0.85	cps
Indium	115-2	317101	312956	312271	314110	0.83	cps
Iron	56-2	18374	18658	18753	18595	1.06	cps
Iron	57-2	461	511	550	507	8.78	cps
Lead	206-1	9398	9148	8781	9109	3.41	cps
Lead	207-1	7975	7931	8192	8032	1.74	cps
Lead	208-1	35976	36600	36299	36292	0.86	cps
Lithium	6-1	1561139	1581309	1583213	1575220	0.78	cps
Magnesium	24-2	167544	164060	168411	166672	1.38	cps
Manganese	55-2	33791	33036	33076	33301	1.28	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150078	148200	149523	149267	0.65	cps
Molybdenum	95-1	257964	256837	256078	256960	0.37	cps
Molybdenum	96-1	273243	270235	274141	272540	0.75	cps
Molybdenum	97-1	163119	162437	160879	162145	0.71	cps
Molybdenum	98-1	416009	411107	412978	413365	0.60	cps
Neodymium	150-1	73	67	53	64	15.80	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	1610	1737	1663	1670	3.81	cps
Phosphorus	31-2	42	67	50	53	24.12	cps
Potassium	39-2	128364	130071	128978	129138	0.67	cps
Rhodium	103-1	5856172	5918440	5948290	5907634	0.80	cps
Rhodium	103-2	1654054	1646033	1626356	1642148	0.87	cps
Scandium	45-1	3669678	3722237	3688615	3693510	0.72	cps
Scandium	45-2	34051	32879	33283	33404	1.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	81	54	21	52	57.42	cps
Silicon	28-1	9692367	9590210	9677773	9653450	0.57	cps
Silver	109-1	5643	5218	5418	5426	3.92	cps
Silver	107-1	5635	6102	5635	5790	4.66	cps
Sodium	23-2	2640898	2589878	2652333	2627703	1.27	cps
Strontium	86-1	182647	183122	179969	181913	0.93	cps
Strontium	88-1	1605392	1596749	1621521	1607887	0.78	cps
Sulfur	34-1	652889	643422	653400	649904	0.86	cps
Terbium	159-1	7561604	7684457	7739540	7661867	1.19	cps
Terbium	159-2	1705350	1681401	1676051	1687601	0.92	cps
Thallium	203-1	283	342	308	311	9.41	cps
Thallium	205-1	800	783	758	781	2.69	cps
Tin	118-1	19648	19114	19840	19534	1.93	cps
Titanium	47-1	1100	1200	1300	1200	8.34	cps
Uranium	238-1	57526	59275	59837	58879	2.05	cps
Vanadium	51-2	3204	3277	3210	3230	1.26	cps
Yttrium	89-1	6694829	6778814	6868794	6780812	1.28	cps
Yttrium	89-2	225566	223481	221087	223378	1.00	cps
Zinc	66-2	6065	6151	5988	6068	1.35	cps
Zirconium	90-1	3976	3642	3667	3762	4.94	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03DUP	Instrumnet Name :	P8
Client Sample ID :	FT-07MDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 14:54:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	833	808	839	4.02	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	183	92	156	35.67	cps
Antimony	121-1	5768	5460	5318	5515	4.17	cps
Arsenic	75-2	43	44	41	43	4.34	cps
Barium	135-1	27070	26937	27488	27165	1.06	cps
Barium	137-1	47018	46591	47043	46884	0.54	cps
Beryllium	9-1	211	100	161	157	35.35	cps
Bismuth	209-1	4725891	4701906	4646846	4691548	0.86	cps
Bismuth	209-2	1474488	1470021	1470356	1471622	0.17	cps
Boron	10-1	3759	3659	3759	3726	1.55	cps
Boron	11-1	15818	17695	16894	16802	5.61	cps
Cadmium	111-1	1104	1090	965	1053	7.30	cps
Cadmium	106-1	1509	1467	1292	1422	8.08	cps
Cadmium	108-1	50	17	21	29	62.27	cps
Calcium	43-1	87992	86776	87288	87352	0.70	cps
Calcium	44-1	1484543	1497208	1504865	1495539	0.69	cps
Chromium	52-2	977	1017	1017	1003	2.30	cps
Cobalt	59-2	173	173	173	173	0.00	cps
Copper	63-2	16477	16363	16540	16460	0.54	cps
Dysprosium	156-1	33	33	0	22	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	58	17	42	52.91	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	92	33	75	67	45.07	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	7803083	7979074	7783929	7855362	1.37	cps
Holmium	165-2	1929523	1933702	1920941	1928055	0.34	cps
Indium	115-1	6909533	6951179	6887994	6916235	0.46	cps
Indium	115-2	345637	343963	340715	343438	0.73	cps
Iron	56-2	5746	6107	5479	5778	5.46	cps
Iron	57-2	128	133	161	141	12.69	cps
Lead	206-1	2395	2084	2267	2248	6.96	cps
Lead	207-1	1811	1828	1784	1808	1.24	cps
Lead	208-1	8390	8335	8646	8457	1.96	cps
Lithium	6-1	1264799	1285290	1268664	1272917	0.86	cps
Magnesium	24-2	33858	34267	34651	34259	1.16	cps
Manganese	55-2	6852	6775	6865	6831	0.71	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29600	29725	30402	29909	1.44	cps
Molybdenum	95-1	53130	52653	51834	52539	1.25	cps
Molybdenum	96-1	55406	55590	55632	55542	0.22	cps
Molybdenum	97-1	32198	33050	33668	32972	2.24	cps
Molybdenum	98-1	83280	82190	83356	82942	0.79	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	520	443	493	486	8.02	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	30334	30083	29189	29869	2.01	cps
Rhodium	103-1	6400698	6426379	6376474	6401184	0.39	cps
Rhodium	103-2	1850020	1852932	1807597	1836850	1.38	cps
Scandium	45-1	3954147	4041565	3974566	3990093	1.15	cps
Scandium	45-2	36862	36120	36564	36515	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	-42	-2	45	0	15535.53	cps
Silicon	28-1	2328340	2331092	2341771	2333734	0.30	cps
Silver	109-1	1734	1650	1492	1625	7.55	cps
Silver	107-1	1809	1725	1767	1767	2.36	cps
Sodium	23-2	522870	526047	529978	526298	0.68	cps
Strontium	86-1	37177	37736	37268	37394	0.80	cps
Strontium	88-1	317469	317419	324294	319727	1.24	cps
Sulfur	34-1	415770	418055	421881	418569	0.74	cps
Terbium	159-1	8140507	8379423	8214858	8244929	1.48	cps
Terbium	159-2	1884699	1875431	1865788	1875306	0.50	cps
Thallium	203-1	158	92	142	131	26.57	cps
Thallium	205-1	325	350	292	322	9.08	cps
Tin	118-1	3050	3159	3801	3337	12.15	cps
Titanium	47-1	417	400	292	369	18.37	cps
Uranium	238-1	11948	11714	11414	11692	2.29	cps
Vanadium	51-2	717	753	690	720	4.42	cps
Yttrium	89-1	7241542	7295598	7214821	7250654	0.57	cps
Yttrium	89-2	248029	249266	249247	248847	0.28	cps
Zinc	66-2	1297	1240	1430	1322	7.38	cps
Zirconium	90-1	858	1050	775	895	15.77	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03LX5	Instrumnet Name :	P8
Client Sample ID :	FT-07ML	Dilution Factor :	5
Date & Time Acquired ::	2017-08-24 14:57:42	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	225	158	183	19.81	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	550	283	389	36.47	cps
Antimony	121-1	24715	25066	24974	24919	0.73	cps
Arsenic	75-2	228	215	198	214	6.95	cps
Barium	135-1	51877	53510	53409	52932	1.73	cps
Barium	137-1	92507	93203	92254	92655	0.53	cps
Beryllium	9-1	156	172	167	165	5.15	cps
Bismuth	209-1	4488746	4175642	4462947	4375778	3.97	cps
Bismuth	209-2	1315146	1312712	1332642	1320167	0.82	cps
Boron	10-1	10829	10463	11722	11005	5.89	cps
Boron	11-1	49336	51167	51134	50545	2.07	cps
Cadmium	111-1	1027	847	909	927	9.86	cps
Cadmium	106-1	1292	1042	1150	1161	10.80	cps
Cadmium	108-1	33	58	54	49	27.56	cps
Calcium	43-1	396807	402652	400469	399976	0.74	cps
Calcium	44-1	6585629	6656018	6598345	6613331	0.57	cps
Chromium	52-2	1117	1050	1110	1092	3.36	cps
Cobalt	59-2	587	593	610	597	2.01	cps
Copper	63-2	10554	10874	10978	10802	2.04	cps
Dysprosium	156-1	58	67	83	69	18.33	cps
Dysprosium	156-2	10	3	23	12	83.33	cps
Erbium	164-1	100	83	75	86	14.79	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	58	100	133	97	38.65	cps
Gadolinium	160-2	37	17	17	23	49.48	cps
Holmium	165-1	7366928	6997353	7451378	7271886	3.32	cps
Holmium	165-2	1725163	1715112	1738716	1726330	0.69	cps
Indium	115-1	6555238	6338724	6581204	6491722	2.05	cps
Indium	115-2	310143	305198	310261	308534	0.94	cps
Iron	56-2	16911	18342	17845	17700	4.11	cps
Iron	57-2	444	417	444	435	3.68	cps
Lead	206-1	1806	1822	1695	1774	3.92	cps
Lead	207-1	1483	1745	1567	1598	8.35	cps
Lead	208-1	7201	7012	7023	7079	1.50	cps
Lithium	6-1	1570582	1576543	1606739	1584622	1.22	cps
Magnesium	24-2	156663	156098	158028	156930	0.63	cps
Manganese	55-2	31566	31202	31449	31405	0.59	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	140874	138763	141613	140417	1.05	cps
Molybdenum	95-1	241056	238492	240926	240158	0.60	cps
Molybdenum	96-1	260195	257790	258206	258730	0.50	cps
Molybdenum	97-1	152330	152489	150796	151872	0.62	cps
Molybdenum	98-1	384578	388398	391986	388320	0.95	cps
Neodymium	150-1	40	60	87	62	37.63	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	823	893	857	858	4.08	cps
Phosphorus	31-2	67	100	117	94	26.96	cps
Potassium	39-2	121697	121874	123168	122246	0.66	cps
Rhodium	103-1	5849261	5577486	5838448	5755065	2.67	cps
Rhodium	103-2	1621735	1631859	1630586	1628060	0.34	cps
Scandium	45-1	3704580	3545741	3668763	3639695	2.29	cps
Scandium	45-2	32588	32792	33380	32920	1.25	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	-19	183	24	63	168.57	cps
Silicon	28-1	9351668	9265652	9237773	9285031	0.64	cps
Silver	109-1	2292	2100	2042	2145	6.10	cps
Silver	107-1	2084	2250	2259	2198	4.49	cps
Sodium	23-2	1824917	1805756	1824303	1818325	0.60	cps
Strontium	86-1	169374	168957	168410	168914	0.29	cps
Strontium	88-1	1492746	1511436	1490386	1498190	0.77	cps
Sulfur	34-1	593784	598385	593102	595090	0.48	cps
Terbium	159-1	7703964	7401381	7722774	7609373	2.37	cps
Terbium	159-2	1667851	1691470	1699505	1686275	0.98	cps
Thallium	203-1	317	183	258	253	26.44	cps
Thallium	205-1	492	567	517	525	7.27	cps
Tin	118-1	14992	14825	14951	14923	0.58	cps
Titanium	47-1	1150	1367	1409	1308	10.60	cps
Uranium	238-1	52026	52353	52520	52300	0.48	cps
Vanadium	51-2	3410	3370	3507	3429	2.05	cps
Yttrium	89-1	6610494	6331225	6620301	6520674	2.52	cps
Yttrium	89-2	217800	217937	220324	218687	0.65	cps
Zinc	66-2	1427	1377	1480	1428	3.62	cps
Zirconium	90-1	2417	2250	2117	2261	6.65	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-04	Instrumnet Name :	P8
Client Sample ID :	FT-09M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:00:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	525	508	561	13.80	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63016	64355	63400	63590	1.08	cps
Antimony	121-1	4712875	4777720	4813625	4768073	1.07	cps
Arsenic	75-2	58071	57631	57804	57835	0.38	cps
Barium	135-1	4716837	4737422	4784273	4746177	0.73	cps
Barium	137-1	8231829	8277980	8326448	8278752	0.57	cps
Beryllium	9-1	664667	671972	685797	674145	1.59	cps
Bismuth	209-1	4407133	4478744	4008082	4297987	5.90	cps
Bismuth	209-2	1313124	1316210	1312294	1313876	0.16	cps
Boron	10-1	80567	82730	85186	82828	2.79	cps
Boron	11-1	369337	376704	386551	377531	2.29	cps
Cadmium	111-1	993210	1004901	1021008	1006373	1.39	cps
Cadmium	106-1	101230	103840	105058	103376	1.89	cps
Cadmium	108-1	71430	70228	71681	71113	1.09	cps
Calcium	43-1	1424425	1416000	1459772	1433399	1.62	cps
Calcium	44-1	22893574	23002828	22980698	22959033	0.25	cps
Chromium	52-2	489721	489652	490540	489971	0.10	cps
Cobalt	59-2	1022205	1017103	1020747	1020018	0.26	cps
Copper	63-2	1782758	1802959	1804320	1796679	0.67	cps
Dysprosium	156-1	175	175	83	144	36.64	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	3867	3734	4143	3915	5.32	cps
Erbium	164-2	863	800	813	826	4.04	cps
Gadolinium	160-1	342	433	517	431	20.33	cps
Gadolinium	160-2	113	77	93	94	19.44	cps
Holmium	165-1	7617697	7726520	6833537	7392585	6.59	cps
Holmium	165-2	1766075	1774753	1742251	1761026	0.96	cps
Indium	115-1	6489651	6489322	5721389	6233454	7.11	cps
Indium	115-2	297884	296433	296480	296932	0.28	cps
Iron	56-2	14904046	14846527	14847230	14865934	0.22	cps
Iron	57-2	376274	375839	377365	376492	0.21	cps
Lead	206-1	2654394	2693343	2750402	2699380	1.79	cps
Lead	207-1	2438621	2478178	2495453	2470750	1.18	cps
Lead	208-1	10840089	10944079	11121093	10968420	1.30	cps
Lithium	6-1	1614297	1632589	1523473	1590120	3.68	cps
Magnesium	24-2	1868374	1891867	1876257	1878833	0.64	cps
Manganese	55-2	279752	280025	279292	279690	0.13	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3828124	3853661	3882052	3854612	0.70	cps
Molybdenum	95-1	2168770	2218229	2216876	2201292	1.28	cps
Molybdenum	96-1	2733999	2762169	2817735	2771301	1.54	cps
Molybdenum	97-1	1351526	1369208	1355984	1358906	0.68	cps
Molybdenum	98-1	3488955	3519813	3582621	3530463	1.35	cps
Neodymium	150-1	173	233	233	213	16.24	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	302439	302964	302377	302594	0.11	cps
Phosphorus	31-2	83	50	75	69	24.98	cps
Potassium	39-2	587920	584055	588194	586723	0.39	cps
Rhodium	103-1	5896999	5908027	5214937	5673321	7.00	cps
Rhodium	103-2	1649437	1641665	1659714	1650272	0.55	cps
Scandium	45-1	3815321	3852035	3353594	3673650	7.56	cps
Scandium	45-2	33163	34442	34212	33939	2.01	cps
Selenium	77-2	453	427	353	411	12.60	cps
Selenium	78-2	1404	1300	1332	1345	3.95	cps
Selenium	82-1	62247	62564	62857	62556	0.49	cps
Silicon	28-1	10564000	10538015	10765835	10622617	1.17	cps
Silver	109-1	4653163	4699037	4754580	4702260	1.08	cps
Silver	107-1	4869040	4892467	4986045	4915851	1.26	cps
Sodium	23-2	6672128	6724156	6681168	6692484	0.42	cps
Strontium	86-1	177549	178450	181449	179149	1.14	cps
Strontium	88-1	1587749	1576096	1589086	1584310	0.45	cps
Sulfur	34-1	623343	618526	625193	622354	0.55	cps
Terbium	159-1	7968011	8021452	6979296	7656253	7.67	cps
Terbium	159-2	1720446	1709842	1693283	1707857	0.80	cps
Thallium	203-1	3330822	3415382	3450247	3398817	1.81	cps
Thallium	205-1	7803753	8036403	8134746	7991634	2.13	cps
Tin	118-1	3003020	3021862	3061778	3028887	0.99	cps
Titanium	47-1	505750	506356	508699	506935	0.31	cps
Uranium	238-1	9950315	10066474	10325813	10114200	1.90	cps
Vanadium	51-2	361614	360567	360579	360920	0.17	cps
Yttrium	89-1	6757591	6826991	6049656	6544746	6.57	cps
Yttrium	89-2	221811	222540	221224	221858	0.30	cps
Zinc	66-2	148505	147831	146756	147698	0.60	cps
Zirconium	90-1	7027732	7090335	7144775	7087614	0.83	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MS	Instrumnet Name :	P8
Client Sample ID :	FT-07MMS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:03:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1602134	1627270	1593367	1607590	1.09	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62380	62965	63334	62893	0.77	cps
Antimony	121-1	4765213	4855557	4814290	4811687	0.94	cps
Arsenic	75-2	58075	58320	58363	58253	0.27	cps
Barium	135-1	4730282	4828949	4767037	4775423	1.04	cps
Barium	137-1	8239631	8346162	8333130	8306308	0.70	cps
Beryllium	9-1	676887	681750	678364	679000	0.37	cps
Bismuth	209-1	4448481	4571324	4512070	4510625	1.36	cps
Bismuth	209-2	1312641	1324372	1320575	1319196	0.45	cps
Boron	10-1	85287	87199	87868	86785	1.54	cps
Boron	11-1	381643	390909	392538	388363	1.51	cps
Cadmium	111-1	1003864	1018002	1025066	1015644	1.06	cps
Cadmium	106-1	103790	104706	103991	104162	0.46	cps
Cadmium	108-1	70169	70986	70236	70463	0.64	cps
Calcium	43-1	1448930	1420685	1412769	1427461	1.33	cps
Calcium	44-1	23081222	23139813	23166771	23129269	0.19	cps
Chromium	52-2	488253	490433	490407	489698	0.26	cps
Cobalt	59-2	1023998	1026252	1019373	1023208	0.34	cps
Copper	63-2	1784411	1793065	1781892	1786456	0.33	cps
Dysprosium	156-1	133	83	200	139	42.14	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	4243	4118	3784	4048	5.85	cps
Erbium	164-2	913	967	973	951	3.46	cps
Gadolinium	160-1	517	375	442	444	15.95	cps
Gadolinium	160-2	73	103	83	87	17.63	cps
Holmium	165-1	7777126	7768740	7762469	7769445	0.09	cps
Holmium	165-2	1762978	1767462	1756380	1762273	0.32	cps
Indium	115-1	6443402	6548712	6454269	6482128	0.89	cps
Indium	115-2	293829	296016	296552	295466	0.49	cps
Iron	56-2	14973855	14926479	14978969	14959768	0.19	cps
Iron	57-2	373146	376993	374166	374768	0.53	cps
Lead	206-1	2737201	2758869	2764021	2753363	0.52	cps
Lead	207-1	2499907	2489577	2504020	2497835	0.30	cps
Lead	208-1	11038012	11124464	11231828	11131435	0.87	cps
Lithium	6-1	1577840	1623910	1620234	1607328	1.59	cps
Magnesium	24-2	1883127	1890488	1906262	1893292	0.62	cps
Manganese	55-2	280274	278979	280218	279823	0.26	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3867737	3897918	3897315	3887657	0.44	cps
Molybdenum	95-1	2194046	2237270	2216286	2215867	0.98	cps
Molybdenum	96-1	2755624	2786849	2819287	2787253	1.14	cps
Molybdenum	97-1	1338287	1356258	1369166	1354570	1.14	cps
Molybdenum	98-1	3502745	3510200	3528537	3513828	0.38	cps
Neodymium	150-1	207	193	193	198	3.89	cps
Neodymium	150-2	0	20	23	14	87.37	cps
Nickel	60-2	302646	302741	302065	302484	0.12	cps
Phosphorus	31-2	50	92	50	64	37.66	cps
Potassium	39-2	579450	592242	592517	588070	1.27	cps
Rhodium	103-1	5830788	5948927	5919744	5899819	1.04	cps
Rhodium	103-2	1617938	1639708	1629909	1629185	0.67	cps
Scandium	45-1	3754691	3773399	3761221	3763104	0.25	cps
Scandium	45-2	33644	34148	33911	33901	0.74	cps
Selenium	77-2	367	377	370	371	1.37	cps
Selenium	78-2	1333	1419	1428	1393	3.74	cps
Selenium	82-1	62369	62612	63128	62703	0.62	cps
Silicon	28-1	11001546	11023026	11086771	11037114	0.40	cps
Silver	109-1	4712410	4727216	4751788	4730471	0.42	cps
Silver	107-1	4899829	4964653	4943510	4935997	0.67	cps
Sodium	23-2	6547391	6551911	6522242	6540515	0.24	cps
Strontium	86-1	182775	184919	186447	184713	1.00	cps
Strontium	88-1	1630714	1648332	1651464	1643503	0.68	cps
Sulfur	34-1	625330	625702	621207	624080	0.40	cps
Terbium	159-1	8001281	8089808	8028110	8039733	0.56	cps
Terbium	159-2	1726426	1694465	1721712	1714201	1.01	cps
Thallium	203-1	3403211	3471315	3431839	3435455	1.00	cps
Thallium	205-1	7908756	8075079	8060270	8014701	1.15	cps
Tin	118-1	3003899	3086050	3059608	3049852	1.38	cps
Titanium	47-1	506263	505736	507674	506558	0.20	cps
Uranium	238-1	10226340	10232802	10323443	10260862	0.53	cps
Vanadium	51-2	359033	360936	360420	360130	0.27	cps
Yttrium	89-1	6686631	6838592	6749431	6758218	1.13	cps
Yttrium	89-2	220715	219485	219640	219947	0.30	cps
Zinc	66-2	149643	148386	148120	148717	0.55	cps
Zirconium	90-1	6962928	7122405	7158461	7081265	1.47	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03MSD	Instrumnet Name :	P8
Client Sample ID :	FT-07MMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:06:58	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1601668	1614427	1608242	1608112	0.40	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63485	64372	65468	64442	1.54	cps
Antimony	121-1	4914123	4955421	4974556	4948033	0.62	cps
Arsenic	75-2	58819	59645	59732	59398	0.85	cps
Barium	135-1	4927384	4928292	5027244	4960973	1.16	cps
Barium	137-1	8534280	8609495	8610370	8584715	0.51	cps
Beryllium	9-1	698027	702978	713845	704950	1.15	cps
Bismuth	209-1	4500090	4558943	4518761	4525931	0.66	cps
Bismuth	209-2	1314809	1218931	1305246	1279662	4.13	cps
Boron	10-1	88297	86812	90208	88439	1.92	cps
Boron	11-1	396331	403176	411441	403649	1.87	cps
Cadmium	111-1	1030975	1043904	1051012	1041964	0.97	cps
Cadmium	106-1	107771	105754	108349	107292	1.27	cps
Cadmium	108-1	73202	72816	74970	73662	1.56	cps
Calcium	43-1	1431932	1467514	1470213	1456553	1.47	cps
Calcium	44-1	23489601	23869464	23777039	23712035	0.84	cps
Chromium	52-2	504260	500869	503923	503017	0.37	cps
Cobalt	59-2	1044961	1057328	1059237	1053842	0.74	cps
Copper	63-2	1855111	1856196	1837467	1849591	0.57	cps
Dysprosium	156-1	200	183	108	164	29.79	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	4226	4168	4126	4173	1.20	cps
Erbium	164-2	757	970	897	874	12.40	cps
Gadolinium	160-1	483	475	400	453	10.14	cps
Gadolinium	160-2	57	123	80	87	39.04	cps
Holmium	165-1	7897692	7761528	7759667	7806296	1.01	cps
Holmium	165-2	1751889	1648913	1747450	1716084	3.39	cps
Indium	115-1	6463660	6521972	6463937	6483190	0.52	cps
Indium	115-2	292016	275665	294083	287255	3.51	cps
Iron	56-2	15488997	15501355	15462933	15484428	0.13	cps
Iron	57-2	386780	388562	387100	387481	0.25	cps
Lead	206-1	2798435	2810786	2863820	2824347	1.23	cps
Lead	207-1	2550875	2588963	2609364	2583067	1.15	cps
Lead	208-1	11378054	11503372	11599453	11493627	0.97	cps
Lithium	6-1	1597728	1619965	1622444	1613379	0.84	cps
Magnesium	24-2	1944259	1913763	1940372	1932798	0.86	cps
Manganese	55-2	286696	285957	289570	287407	0.66	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3951952	3978984	4065248	3998728	1.48	cps
Molybdenum	95-1	2261096	2271148	2288421	2273555	0.61	cps
Molybdenum	96-1	2910248	2887886	2888545	2895559	0.44	cps
Molybdenum	97-1	1408240	1390596	1415640	1404825	0.92	cps
Molybdenum	98-1	3572325	3593073	3648630	3604676	1.09	cps
Neodymium	150-1	220	220	227	222	1.73	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	308744	312381	311893	311006	0.63	cps
Phosphorus	31-2	100	50	58	69	38.57	cps
Potassium	39-2	598413	596471	602790	599225	0.54	cps
Rhodium	103-1	5918470	5933267	5910348	5920695	0.20	cps
Rhodium	103-2	1639075	1527079	1624672	1596942	3.82	cps
Scandium	45-1	3740717	3756080	3779031	3758609	0.51	cps
Scandium	45-2	33096	31586	33520	32734	3.11	cps
Selenium	77-2	363	413	433	403	8.94	cps
Selenium	78-2	1274	1380	1422	1359	5.61	cps
Selenium	82-1	64294	64320	65044	64552	0.66	cps
Silicon	28-1	11067020	11097054	11243948	11136008	0.85	cps
Silver	109-1	4863862	4870934	4898982	4877926	0.38	cps
Silver	107-1	5088608	5103352	5056390	5082783	0.47	cps
Sodium	23-2	6752628	6741389	6826811	6773610	0.69	cps
Strontium	86-1	186320	187463	190655	188146	1.19	cps
Strontium	88-1	1648479	1656805	1684995	1663426	1.15	cps
Sulfur	34-1	626021	625248	628505	626591	0.27	cps
Terbium	159-1	8172721	8117072	8010366	8100053	1.02	cps
Terbium	159-2	1722960	1581076	1716669	1673568	4.79	cps
Thallium	203-1	3578220	3579533	3554238	3570663	0.40	cps
Thallium	205-1	8270461	8333854	8379911	8328075	0.66	cps
Tin	118-1	3076555	3150937	3134784	3120759	1.25	cps
Titanium	47-1	516315	526416	525927	522886	1.09	cps
Uranium	238-1	10449403	10622000	10730124	10600509	1.34	cps
Vanadium	51-2	367979	366447	371023	368483	0.63	cps
Yttrium	89-1	6774983	6822205	6786896	6794694	0.36	cps
Yttrium	89-2	218182	204390	218080	213551	3.72	cps
Zinc	66-2	152474	152636	152699	152603	0.08	cps
Zirconium	90-1	7451894	7395765	7433510	7427057	0.39	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	I4932-03A	Instrumnet Name :	P8
Client Sample ID :	FT-07MA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:09:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1656554	1656983	1660807	1658115	0.14	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375953	373737	370797	373496	0.69	cps
Antimony	121-1	4716273	4778902	4805857	4767011	0.96	cps
Arsenic	75-2	62561	62721	61867	62383	0.73	cps
Barium	135-1	5350558	5382792	5399765	5377705	0.46	cps
Barium	137-1	9239308	9235498	9305206	9260004	0.42	cps
Beryllium	9-1	738201	738453	743113	739922	0.37	cps
Bismuth	209-1	4880764	4887973	4856014	4874917	0.34	cps
Bismuth	209-2	1485481	1482375	1472448	1480101	0.46	cps
Boron	10-1	88799	89178	90501	89493	1.00	cps
Boron	11-1	405875	411201	414746	410608	1.09	cps
Cadmium	111-1	1078236	1091982	1083633	1084617	0.64	cps
Cadmium	106-1	111995	115156	112323	113158	1.54	cps
Cadmium	108-1	76335	75891	76290	76172	0.32	cps
Calcium	43-1	5386825	5430998	5393599	5403808	0.44	cps
Calcium	44-1	88180600	88299106	88304877	88261528	0.08	cps
Chromium	52-2	521175	519111	516854	519047	0.42	cps
Cobalt	59-2	1077070	1069111	1076473	1074218	0.41	cps
Copper	63-2	1881308	1849868	1850750	1860642	0.96	cps
Dysprosium	156-1	83	142	192	139	39.04	cps
Dysprosium	156-2	33	13	20	22	45.83	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	0	20	13	11	91.66	cps
Gadolinium	160-1	133	117	167	139	18.33	cps
Gadolinium	160-2	23	37	20	27	33.08	cps
Holmium	165-1	8545732	8442338	8531685	8506585	0.66	cps
Holmium	165-2	2053023	2024888	2023594	2033835	0.82	cps
Indium	115-1	6895790	6977332	6886280	6919801	0.72	cps
Indium	115-2	334818	331418	329638	331958	0.79	cps
Iron	56-2	82748332	82763846	82897213	82803131	0.10	cps
Iron	57-2	2165933	2179488	2167712	2171044	0.34	cps
Lead	206-1	2936428	2997999	2951780	2962069	1.08	cps
Lead	207-1	2682555	2717164	2697186	2698968	0.64	cps
Lead	208-1	11945374	12009590	11997033	11983999	0.28	cps
Lithium	6-1	1208135	1196199	1196747	1200360	0.56	cps
Magnesium	24-2	9183968	9106222	9056859	9115683	0.70	cps
Manganese	55-2	287461	289033	288181	288225	0.27	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4183763	4227024	4200165	4203651	0.52	cps
Molybdenum	95-1	2264788	2268780	2252523	2262030	0.37	cps
Molybdenum	96-1	2917598	2928585	2891726	2912636	0.65	cps
Molybdenum	97-1	1392164	1414052	1407474	1404563	0.80	cps
Molybdenum	98-1	3602041	3630410	3616280	3616244	0.39	cps
Neodymium	150-1	220	187	273	227	19.29	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	310559	309970	309470	310000	0.18	cps
Phosphorus	31-2	5952	5902	5593	5815	3.34	cps
Potassium	39-2	2745144	2788013	2761549	2764902	0.78	cps
Rhodium	103-1	6372182	6294255	6255224	6307220	0.94	cps
Rhodium	103-2	1797579	1789831	1757912	1781774	1.18	cps
Scandium	45-1	4117067	4086875	4074400	4092780	0.54	cps
Scandium	45-2	36919	36397	37283	36866	1.21	cps
Selenium	77-2	467	493	470	477	3.05	cps
Selenium	78-2	1593	1519	1446	1519	4.82	cps
Selenium	82-1	67211	67646	67546	67468	0.34	cps
Silicon	28-1	2512927	2555375	2547472	2538591	0.89	cps
Silver	109-1	5101871	5162520	5123619	5129337	0.60	cps
Silver	107-1	5331612	5398050	5335618	5355093	0.70	cps
Sodium	23-2	22360454	22422457	22295405	22359438	0.28	cps
Strontium	86-1	1477668	1480369	1463542	1473860	0.61	cps
Strontium	88-1	12716377	12662256	12617724	12665452	0.39	cps
Sulfur	34-1	718134	726628	726029	723597	0.66	cps
Terbium	159-1	8955475	8807959	8817576	8860336	0.93	cps
Terbium	159-2	1967947	1953005	1962424	1961125	0.39	cps
Thallium	203-1	3632852	3649123	3649971	3643982	0.26	cps
Thallium	205-1	8473702	8550029	8492702	8505478	0.47	cps
Tin	118-1	3612706	3586338	3629325	3609456	0.60	cps
Titanium	47-1	589434	583121	589352	587302	0.62	cps
Uranium	238-1	11447124	11584254	11365316	11465565	0.96	cps
Vanadium	51-2	392475	385655	387609	388580	0.90	cps
Yttrium	89-1	7500631	7475733	7403282	7459882	0.68	cps
Yttrium	89-2	251525	250975	248113	250204	0.73	cps
Zinc	66-2	162364	163541	161173	162359	0.73	cps
Zirconium	90-1	7905080	7938744	7958543	7934122	0.34	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:12:57	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1800099	1787334	1787886	1791773	0.40	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:15:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	75	36	96.08	cps
Antimony	121-1	3167	3151	2650	2989	9.82	cps
Arsenic	75-2	13	6	2	7	83.30	cps
Barium	135-1	117	67	67	83	34.65	cps
Barium	137-1	117	142	67	108	35.25	cps
Beryllium	9-1	400	389	372	387	3.61	cps
Bismuth	209-1	4962847	4993534	4971152	4975845	0.32	cps
Bismuth	209-2	1524562	1531477	1554700	1536913	1.03	cps
Boron	10-1	4042	4009	3617	3890	6.08	cps
Boron	11-1	18638	18863	17453	18318	4.13	cps
Cadmium	111-1	1105	1264	1309	1226	8.76	cps
Cadmium	106-1	1458	1642	1734	1611	8.69	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	2184	2000	2092	2092	4.38	cps
Calcium	44-1	44229	43210	43301	43580	1.29	cps
Chromium	52-2	897	1007	883	929	7.29	cps
Cobalt	59-2	37	37	30	34	11.18	cps
Copper	63-2	410	397	443	417	5.77	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	92	25	53	65.74	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	8275885	8213337	8253307	8247510	0.38	cps
Holmium	165-2	2026537	2015739	2037000	2026426	0.52	cps
Indium	115-1	7193179	7172357	7135888	7167141	0.40	cps
Indium	115-2	348624	346622	353747	349664	1.05	cps
Iron	56-2	3117	3012	2934	3021	3.05	cps
Iron	57-2	78	100	67	81	20.83	cps
Lead	206-1	578	733	672	661	11.85	cps
Lead	207-1	678	539	611	609	11.40	cps
Lead	208-1	2900	2806	2817	2841	1.82	cps
Lithium	6-1	1224544	1199501	1198369	1207471	1.23	cps
Magnesium	24-2	150	175	192	172	12.18	cps
Manganese	55-2	20	70	47	46	54.92	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:15:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	733	533	636	15.74	cps
Molybdenum	95-1	358	275	283	306	15.02	cps
Molybdenum	96-1	475	475	325	425	20.38	cps
Molybdenum	97-1	283	325	275	294	9.10	cps
Molybdenum	98-1	550	542	533	542	1.54	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	100	113	120	20.03	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	3292	3334	3384	3337	1.38	cps
Rhodium	103-1	6651392	6612146	6679455	6647664	0.51	cps
Rhodium	103-2	1878035	1902769	1914311	1898372	0.98	cps
Scandium	45-1	4090974	4055175	4020291	4055480	0.87	cps
Scandium	45-2	36150	37290	36795	36745	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-19	36	-75	-19	-286.77	cps
Silicon	28-1	448388	448102	441991	446160	0.81	cps
Silver	109-1	667	775	725	722	7.51	cps
Silver	107-1	692	925	758	792	15.18	cps
Sodium	23-2	7619	7469	7561	7550	1.00	cps
Strontium	86-1	942	950	1008	967	3.76	cps
Strontium	88-1	308	200	342	283	26.14	cps
Sulfur	34-1	378891	372480	373703	375024	0.91	cps
Terbium	159-1	8562200	8749285	8530714	8614066	1.37	cps
Terbium	159-2	1938078	1935273	1937677	1937009	0.08	cps
Thallium	203-1	583	558	517	553	6.09	cps
Thallium	205-1	1600	1342	1450	1464	8.86	cps
Tin	118-1	2867	2784	2475	2709	7.62	cps
Titanium	47-1	150	192	117	153	24.60	cps
Uranium	238-1	325	317	267	303	10.42	cps
Vanadium	51-2	27	7	20	18	57.27	cps
Yttrium	89-1	7469709	7400825	7370984	7413839	0.68	cps
Yttrium	89-2	250247	252871	254980	252699	0.94	cps
Zinc	66-2	103	80	107	97	15.03	cps
Zirconium	90-1	1183	1150	1008	1114	8.34	cps

LB Number :	LB89697	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-08-24 15:15:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	367	217	281	27.60	cps