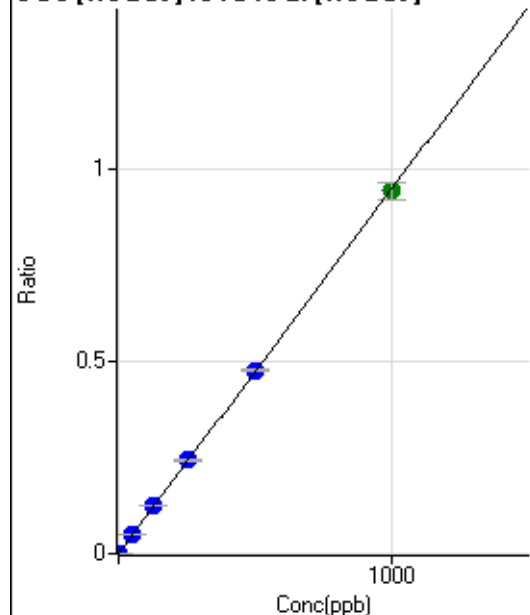


Batch Folder: D:\P8092117-MS .b\
Analysis File: P8092117-MS .batch.bin
DA Date-Time: 2017-09-25 00:04:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8092117-MS.D	S00	2017-09-21 12:58:12
2			
3	005CALS P8092117-MS.D	S02	2017-09-21 13:05:09
4	006CALS P8092117-MS.D	S03	2017-09-21 13:08:37
5	007CALS P8092117-MS.D	S04	2017-09-21 13:12:05
6	008CALS P8092117-MS.D	S05	2017-09-21 13:15:28
7	009CALS P8092117-MS.D	S06	2017-09-21 13:18:45
8	010CALS P8092117-MS.D	S07	2017-09-21 13:21:57
9	011CALS P8092117-MS.D	S08	2017-09-21 13:25:05

9 Be [NoGas] ISTD:6 Li [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	201.86	0.0001	P	17.3
2	☐	0.100					
3	☐	1.000	0.831	1276.02	0.0009	P	11.3
4	☐	50.000	52.611	72225.23	0.0500	P	1.1
5	☐	125.000	131.586	180843.71	0.1248	P	0.8
6	☐	250.000	257.539	358227.16	0.2441	P	1.6
7	☐	500.000	503.146	726435.95	0.4768	P	1.4
8	☐	1000.000	995.589	1414134.29	0.9433	A	4.7
9	☐			644.48	0.0004	P	11.1

$$y = 9.4737\text{E-}004 * x + 1.4068\text{E-}004$$

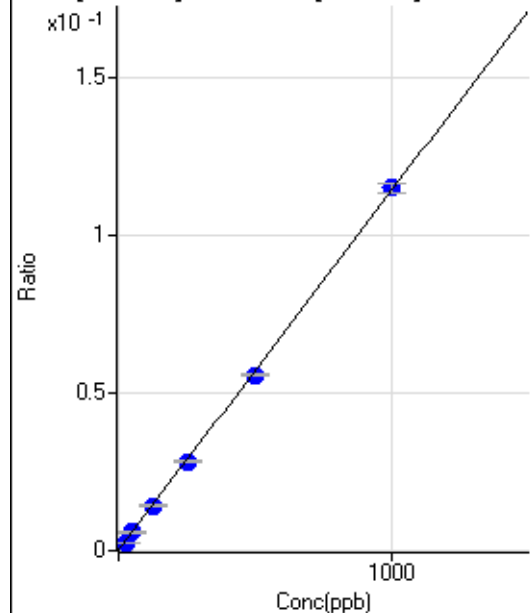
$$R = 0.9999$$

$$DL = 0.07692$$

$$BEC = 0.1485$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0002	P	11.9
2	☐	2.500					
3	☐	25.000	20.958	3542.26	0.0026	P	5.5
4	☐	50.000	49.865	8477.88	0.0059	P	4.3
5	☐	125.000	123.233	20623.78	0.0142	P	3.5
6	☐	250.000	246.575	41522.05	0.0283	P	3.0
7	☐	500.000	487.374	84948.57	0.0558	P	1.0
8	☐	1000.000	1007.498	172565.24	0.1151	P	2.8
9	☐			5743.05	0.0038	P	11.2

$$y = 1.1403\text{E-}004 * x + 1.8205\text{E-}004$$

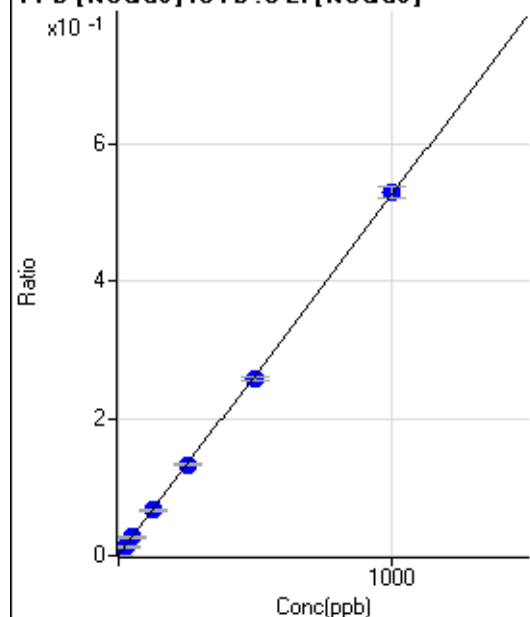
$$R = 0.9999$$

$$DL = 0.5706$$

$$BEC = 1.597$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1105.65	0.0008	P	2.1
2	☐	2.500					
3	☐	25.000	22.842	17552.98	0.0127	P	4.7
4	☐	50.000	49.938	38931.79	0.0269	P	5.2
5	☐	125.000	124.088	95365.88	0.0658	P	2.2
6	☐	250.000	250.536	193817.12	0.1321	P	2.6
7	☐	500.000	488.815	391532.43	0.2570	P	1.5
8	☐	1000.000	1005.630	791590.24	0.5279	P	3.1
9	☐			27313.01	0.0183	P	8.4

$$y = 5.2415E-004 * x + 7.7089E-004$$

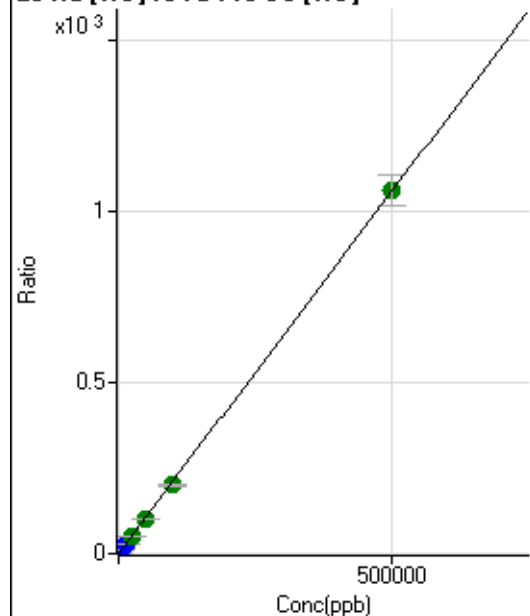
$$R = 0.9999$$

$$DL = 0.09204$$

$$BEC = 1.471$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14866.68	0.3691	P	3.2
2	☐	50.000					
3	☐	500.000	407.349	49910.71	1.2312	P	1.0
4	☐	5000.000	4814.406	413133.29	10.5588	P	2.2
5	☐	12500.000	12334.689	1024323.97	26.4757	P	3.8
6	☐	25000.000	23928.015	2043202.17	51.0132	A	0.4
7	☐	50000.000	48334.075	3931163.15	102.6691	A	1.5
8	☐	100000.00	94303.426	7451342.70	199.9641	A	1.8
9	☐	500000.00	501365.58	37283591.81	1,061.519	A	8.4

$$y = 0.0021 * x + 0.3691$$

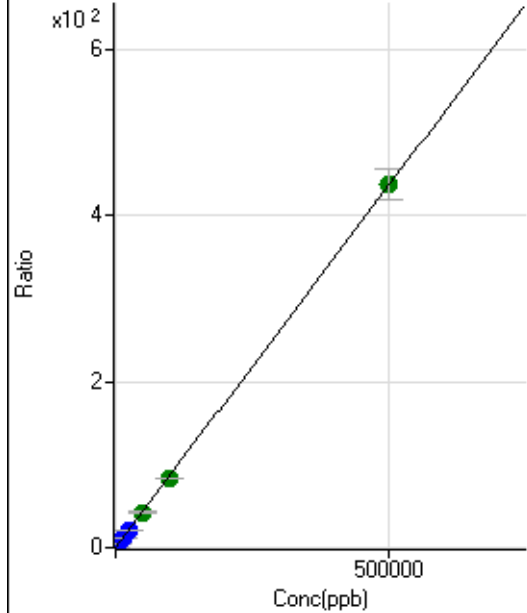
$$R = 0.9999$$

$$DL = 16.8$$

$$BEC = 174.4$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD: 45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0068	P	18.8
2	☐	50.000					
3	☐	500.000	418.430	15061.40	0.3715	P	2.5
4	☐	5000.000	4840.218	165339.42	4.2264	P	2.9
5	☐	12500.000	12383.134	417933.59	10.8022	P	3.8
6	☐	25000.000	23600.068	824311.65	20.5809	P	0.3
7	☐	50000.000	49112.918	1639717.95	42.8226	A	0.7
8	☐	100000.00	95226.886	3093782.69	83.0240	A	1.7
9	☐	500000.00	501117.92	15342647.56	436.8729	A	8.6

$$y = 8.7178\text{E-}004 * x + 0.0068$$

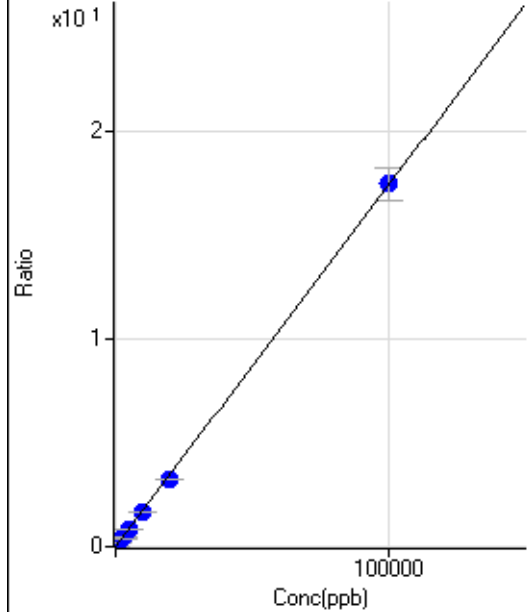
$$R = 1.0000$$

$$DL = 4.386$$

$$BEC = 7.756$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD: 45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0006	P	58.7
2	☐	2.000					
3	☐	20.000	16.881	141.67	0.0035	P	16.3
4	☐	1000.000	940.380	6429.54	0.1645	P	5.6
5	☐	2500.000	2425.121	16376.70	0.4232	P	3.9
6	☐	5000.000	4670.799	32627.34	0.8146	P	1.2
7	☐	10000.000	9507.886	63473.22	1.6577	P	1.0
8	☐	20000.000	18490.927	120115.48	3.2233	P	1.4
9	☐	100000.00	100369.95	614307.62	17.4940	P	8.8

$$y = 1.7429\text{E-}004 * x + 5.5576\text{E-}004$$

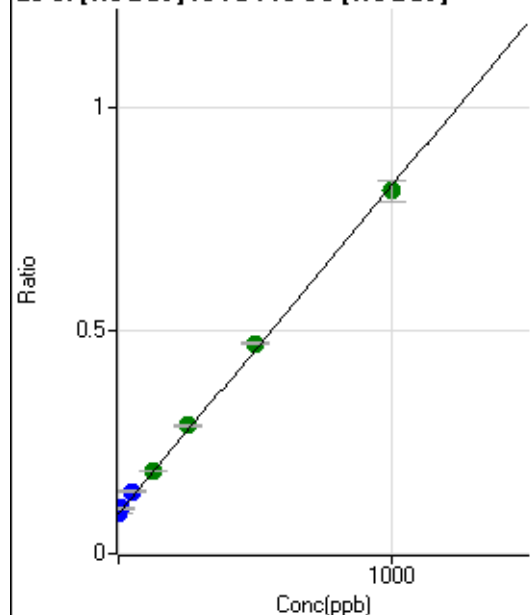
$$R = 0.9999$$

$$DL = 5.618$$

$$BEC = 3.189$$

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	471121.76	0.0897	P	0.9
2	☐	1.000					
3	☐	10.000	16.337	519949.99	0.1017	P	5.8
4	☐	50.000	68.028	746031.62	0.1398	P	1.4
5	☐	125.000	131.605	990693.53	0.1866	A	1.2
6	☐	250.000	268.250	1508820.74	0.2872	A	1.7
7	☐	500.000	517.695	2507483.06	0.4708	A	0.9
8	☐	1000.000	984.800	4133607.04	0.8146	A	5.5
9	☐			474403.51	0.0929	P	1.2

$$y = 7.3603\text{E-}004 * x + 0.0897$$

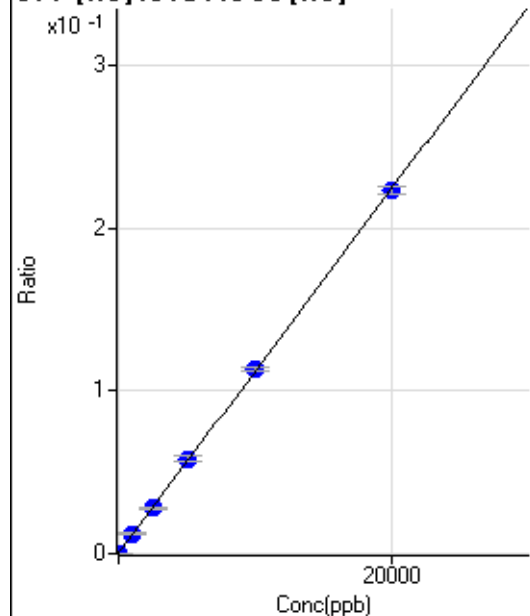
$$R = 0.9996$$

$$DL = 3.281$$

$$BEC = 121.9$$

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	-6.214	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	6.214	11.11	0.0003	P	114.6
4	☐	1000.000	1079.783	480.59	0.0123	P	6.8
5	☐	2500.000	2463.052	1075.10	0.0278	P	4.5
6	☐	5000.000	5193.012	2336.41	0.0583	P	6.4
7	☐	10000.000	10126.105	4348.08	0.1136	P	2.4
8	☐	20000.000	19889.324	8305.57	0.2229	P	2.1
9	☐			8.33	0.0002	P	8.7

$$y = 1.1195\text{E-}005 * x + 2.0578\text{E-}004$$

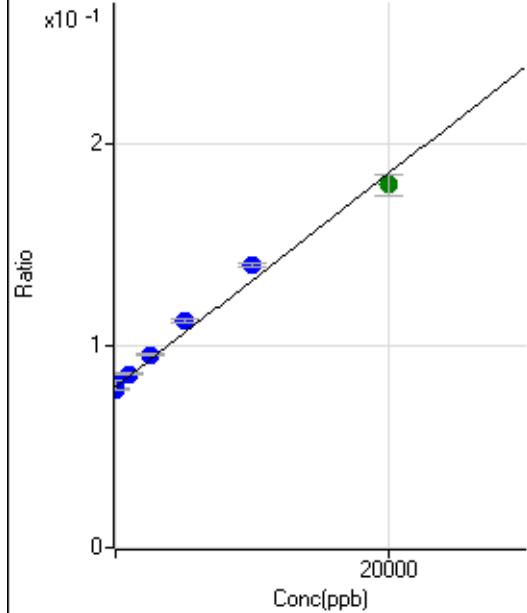
$$R = 0.9999$$

$$DL = 58.07$$

$$BEC = 18.38$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-209.306	412606.01	0.0786	P	0.7
2	☐	0.000					
3	☐	0.000	209.306	412896.14	0.0808	P	5.7
4	☐	1000.000	1230.272	460026.35	0.0862	P	0.5
5	☐	2500.000	3020.722	507914.63	0.0957	P	1.6
6	☐	5000.000	6197.487	591019.91	0.1125	P	1.9
7	☐	10000.000	11407.353	746020.44	0.1401	P	1.5
8	☐	20000.000	18920.348	912545.14	0.1798	A	5.6
9	☐			411754.04	0.0806	P	0.8

$$y = 5.2926\text{E-}006 * x + 0.0797$$

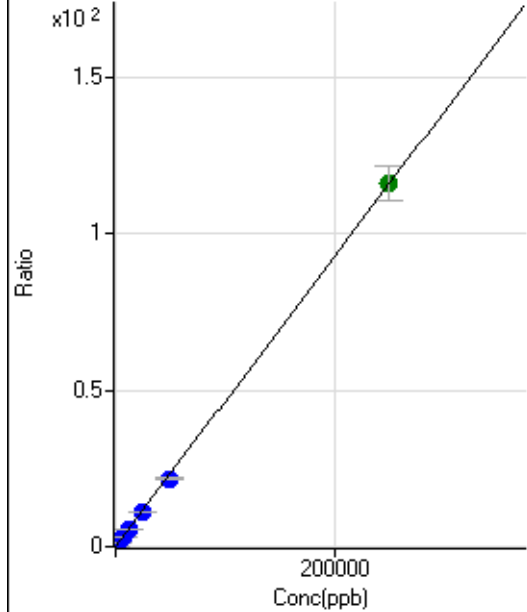
$$R = 0.9937$$

$$DL = 1479$$

$$BEC = 1.506\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2906.00	0.0721	P	7.0
2	☐	50.000					
3	☐	500.000	420.499	10810.13	0.2667	P	1.1
4	☐	2500.000	2513.456	48330.96	1.2352	P	1.8
5	☐	6250.000	6531.372	119725.55	3.0945	P	3.8
6	☐	12500.000	12129.657	227705.79	5.6851	P	0.4
7	☐	25000.000	24137.320	430443.30	11.2417	P	1.3
8	☐	50000.000	46884.565	811208.26	21.7680	P	0.9
9	☐	250000.00	250720.86	4075344.01	116.0937	A	9.4

$$y = 4.6275\text{E-}004 * x + 0.0721$$

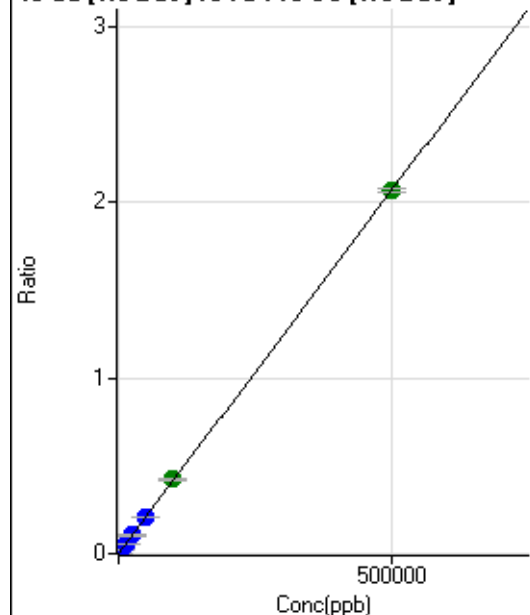
$$R = 0.9999$$

$$DL = 32.58$$

$$BEC = 155.8$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1872.44	0.0004	P	10.2
2	☐	50.000					
3	☐	500.000	465.267	11647.01	0.0023	P	4.1
4	☐	5000.000	5026.063	112647.00	0.0211	P	0.8
5	☐	12500.000	12582.152	277694.54	0.0523	P	0.4
6	☐	25000.000	25280.832	550262.79	0.1047	P	2.1
7	☐	50000.000	49767.911	1096364.48	0.2058	P	1.1
8	☐	100000.00	101897.78	2137187.76	0.4211	A	4.8
9	☐	500000.00	499627.33	10534023.41	2.0632	A	1.1

$$y = 4.1288\text{E-}006 * x + 3.5659\text{E-}004$$

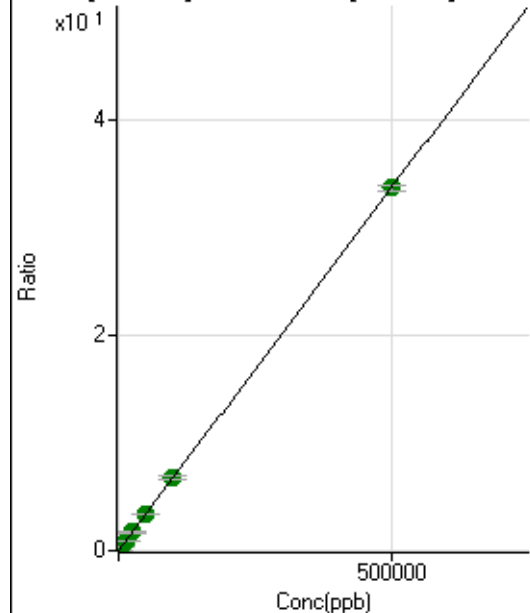
$$R = 1.0000$$

$$DL = 26.55$$

$$BEC = 86.37$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35047.47	0.0067	P	1.0
2	☐	50.000					
3	☐	500.000	458.942	192493.37	0.0377	P	5.0
4	☐	5000.000	5097.564	1872113.52	0.3508	A	0.2
5	☐	12500.000	12578.276	4543408.65	0.8558	A	0.9
6	☐	25000.000	25107.299	8940499.07	1.7016	A	1.6
7	☐	50000.000	49324.976	17771656.65	3.3365	A	0.8
8	☐	100000.00	101123.55	34681051.82	6.8333	A	5.1
9	☐	500000.00	499834.53	172309591.3	33.7494	A	1.3

$$y = 6.7508\text{E-}005 * x + 0.0067$$

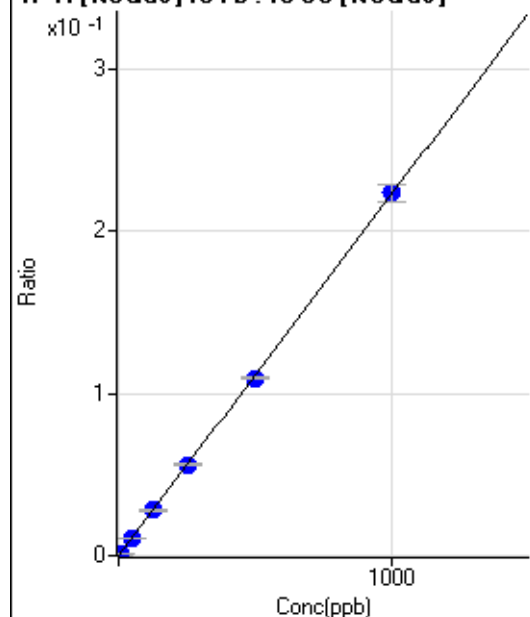
$$R = 1.0000$$

$$DL = 2.976$$

$$BEC = 98.87$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	14.1
2	☐	0.500					
3	☐	5.000	4.407	5167.83	0.0010	P	8.1
4	☐	50.000	49.672	59148.08	0.0111	P	1.5
5	☐	125.000	124.971	147795.54	0.0278	P	2.6
6	☐	250.000	250.744	293298.18	0.0558	P	2.2
7	☐	500.000	491.720	582970.74	0.1094	P	0.9
8	☐	1000.000	1003.977	1134031.22	0.2234	P	5.0
9	☐			841.73	0.0002	P	6.3

$$y = 2.2252E-004 * x + 3.0159E-005$$

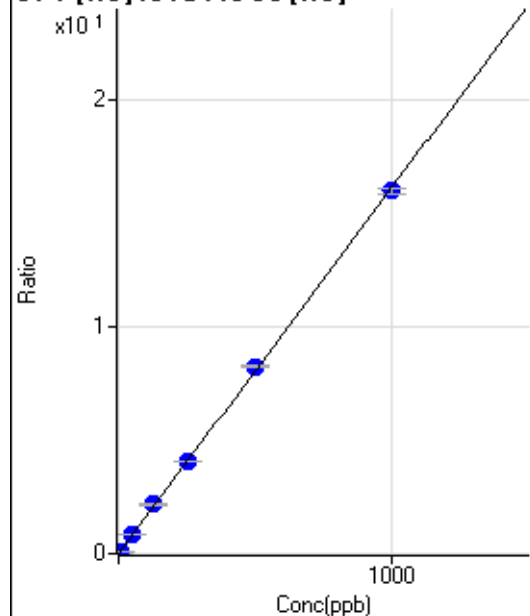
$$R = 0.9999$$

$$DL = 0.05715$$

$$BEC = 0.1355$$

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	15.56	0.0004	P	32.2
2	☐	0.500					
3	☐	5.000	4.510	2967.03	0.0732	P	2.8
4	☐	50.000	51.750	32710.65	0.8357	P	2.0
5	☐	125.000	134.616	84076.91	2.1733	P	4.1
6	☐	250.000	253.268	163756.41	4.0886	P	0.9
7	☐	500.000	511.189	315965.90	8.2519	P	0.9
8	☐	1000.000	992.301	596904.20	16.0179	P	1.3
9	☐			135.56	0.0039	P	18.6

$$y = 0.0161 * x + 3.8589E-004$$

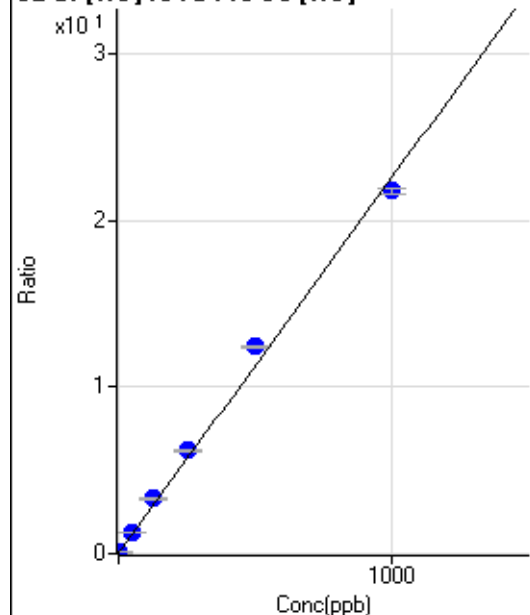
$$R = 0.9999$$

$$DL = 0.02312$$

$$BEC = 0.02391$$

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	1020.06	0.0253	P	3.1
2	☐	0.200					
3	☐	2.000	1.808	2675.86	0.0660	P	2.1
4	☐	50.000	57.324	51487.87	1.3158	P	1.6
5	☐	125.000	145.606	127788.94	3.3032	P	4.2
6	☐	250.000	273.348	247485.81	6.1790	P	0.2
7	☐	500.000	550.940	475885.35	12.4283	P	0.7
8	☐	1000.000	965.751	811118.00	21.7668	P	1.9
9	☐			6069.19	0.1729	P	9.9

$$y = 0.0225 * x + 0.0253$$

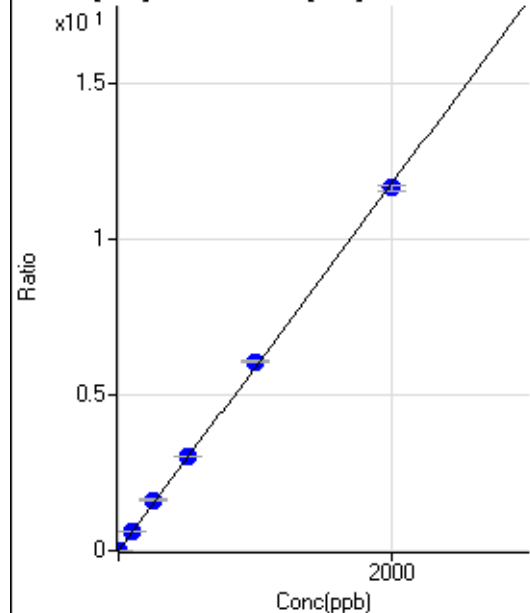
$$R = 0.9976$$

$$DL = 0.1036$$

$$BEC = 1.124$$

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	67.78	0.0017	P	40.2
2	☐	0.100					
3	☐	1.000	0.986	303.34	0.0075	P	7.5
4	☐	100.000	108.247	24990.33	0.6388	P	2.4
5	☐	250.000	273.936	62433.32	1.6139	P	4.4
6	☐	500.000	510.696	120453.86	3.0074	P	0.2
7	☐	1000.000	1030.933	232394.21	6.0692	P	0.4
8	☐	2000.000	1978.455	433973.40	11.6459	P	1.6
9	☐			1436.76	0.0410	P	14.2

$$y = 0.0059 * x + 0.0017$$

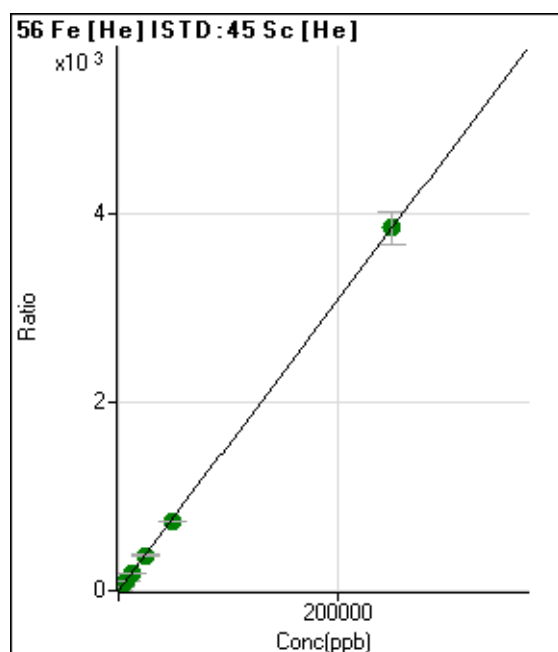
$$R = 0.9998$$

$$DL = 0.3431$$

$$BEC = 0.2848$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2679.96	0.0665	P	2.8
2	☐	5.000					
3	☐	50.000	42.404	29112.38	0.7181	P	1.1
4	☐	2500.000	2568.302	1546902.43	39.5357	A	2.1
5	☐	6250.000	6551.154	3897345.40	100.7435	A	4.1
6	☐	12500.000	12135.391	7472268.46	186.5610	A	0.2
7	☐	25000.000	24520.962	14431402.64	376.9003	A	1.2
8	☐	50000.000	47691.663	27314001.54	732.9836	A	1.5
9	☐	250000.00	250519.59	135191777.0	3,850.007	A	8.8

$$y = 0.0154 * x + 0.0665$$

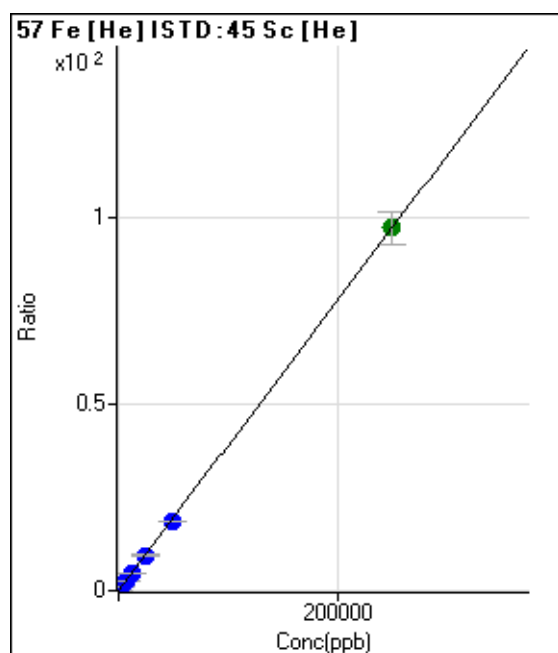
$$R = 0.9999$$

$$DL = 0.3636$$

$$BEC = 4.327$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0018	P	9.3
2	☐	5.000					
3	☐	50.000	43.307	753.75	0.0186	P	1.9
4	☐	2500.000	2519.938	38305.07	0.9792	P	3.1
5	☐	6250.000	6402.123	96153.59	2.4849	P	3.1
6	☐	12500.000	12118.608	188325.39	4.7020	P	0.8
7	☐	25000.000	24502.939	363959.13	9.5053	P	0.8
8	☐	50000.000	47645.905	688684.34	18.4813	P	1.7
9	☐	250000.00	250535.59	3412262.92	97.1722	A	8.8

$$y = 3.8785E-004 * x + 0.0018$$

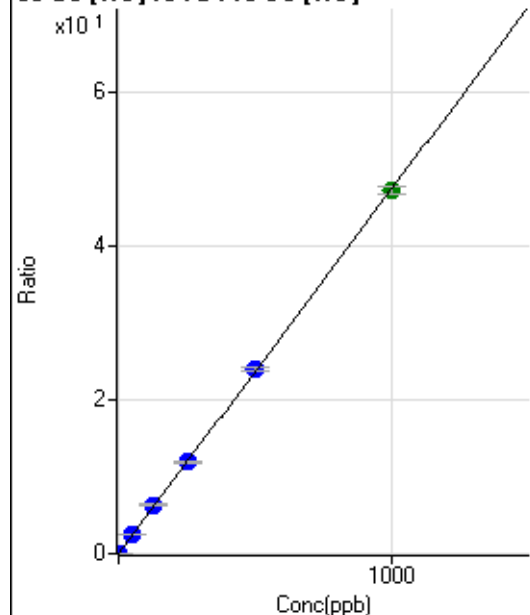
$$R = 0.9999$$

$$DL = 1.295$$

$$BEC = 4.626$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0023	P	10.0
2	☐	0.100					
3	☐	1.000	0.905	1831.26	0.0452	P	2.4
4	☐	50.000	52.068	96540.48	2.4676	P	2.6
5	☐	125.000	133.219	244121.26	6.3097	P	3.7
6	☐	250.000	251.197	476439.15	11.8955	P	0.6
7	☐	500.000	506.250	917843.95	23.9713	P	1.3
8	☐	1000.000	995.445	1756306.13	47.1327	A	2.1
9	☐			2105.75	0.0599	P	7.6

$$y = 0.0473 * x + 0.0023$$

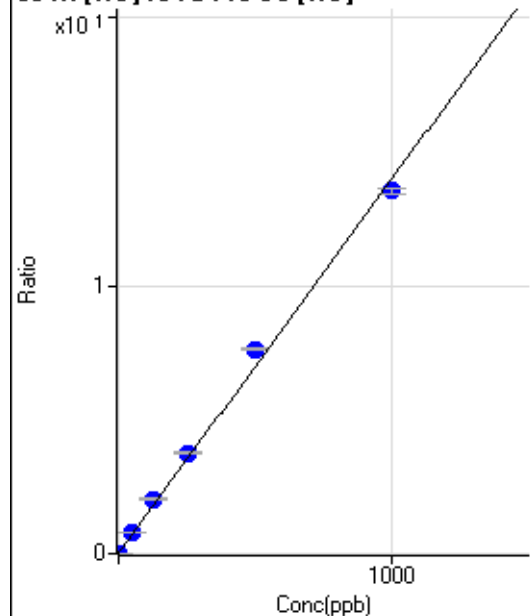
$$R = 0.9999$$

$$DL = 0.01479$$

$$BEC = 0.04946$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.36	0.0145	P	8.2
2	☐	0.100					
3	☐	1.000	1.000	1152.29	0.0284	P	9.1
4	☐	50.000	56.081	31153.92	0.7964	P	3.7
5	☐	125.000	145.075	78815.93	2.0372	P	4.0
6	☐	250.000	268.127	150311.92	3.7528	P	0.7
7	☐	500.000	546.244	292171.87	7.6304	P	0.7
8	☐	1000.000	969.533	504258.08	13.5321	P	1.7
9	☐			2036.86	0.0580	P	8.0

$$y = 0.0139 * x + 0.0145$$

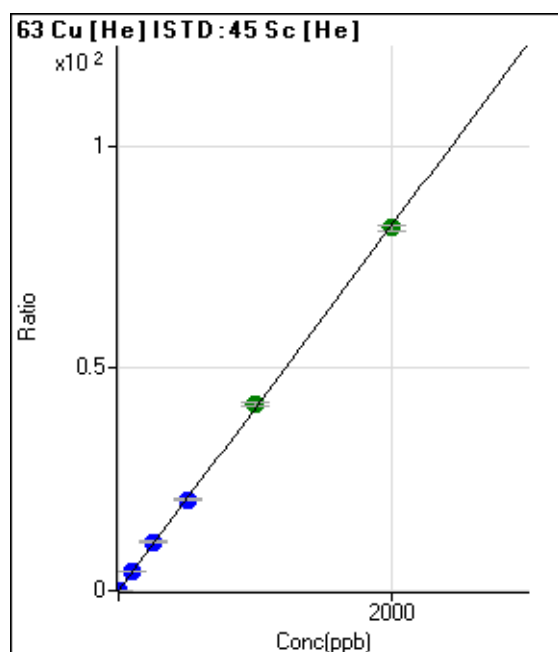
$$R = 0.9981$$

$$DL = 0.257$$

$$BEC = 1.039$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.67	0.0046	P	3.1
2	☐	0.200					
3	☐	2.000	1.964	3458.27	0.0853	P	3.4
4	☐	100.000	105.035	169004.19	4.3195	P	2.3
5	☐	250.000	265.161	421624.69	10.8977	P	3.8
6	☐	500.000	499.788	822534.60	20.5364	P	0.3
7	☐	1000.000	1020.336	1605125.18	41.9210	A	1.5
8	☐	2000.000	1987.738	3043122.28	81.6627	A	1.5
9	☐			4697.54	0.1337	P	7.9

$$y = 0.0411 * x + 0.0046$$

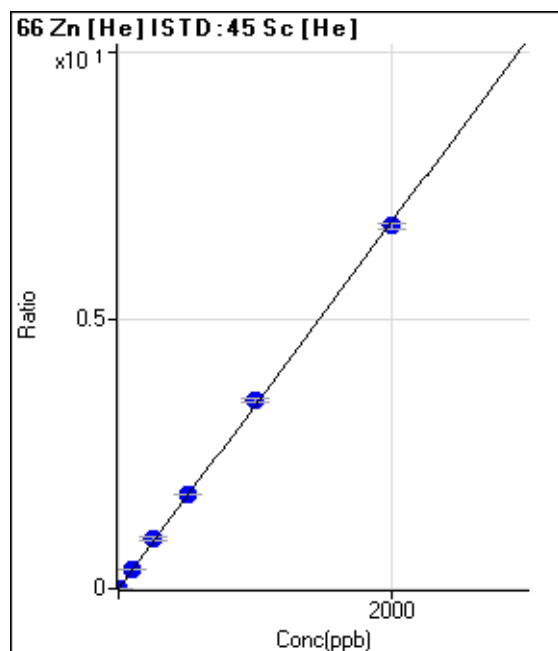
$$R = 0.9999$$

$$DL = 0.01049$$

$$BEC = 0.1127$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0012	P	4.6
2	☐	0.200					
3	☐	2.000	2.055	334.45	0.0082	P	5.1
4	☐	100.000	108.417	14521.14	0.3710	P	0.8
5	☐	250.000	273.735	36154.00	0.9349	P	5.8
6	☐	500.000	512.113	70011.17	1.7480	P	0.2
7	☐	1000.000	1028.623	134385.65	3.5097	P	1.2
8	☐	2000.000	1979.273	251614.02	6.7523	P	1.7
9	☐			936.72	0.0268	P	15.8

$$y = 0.0034 * x + 0.0012$$

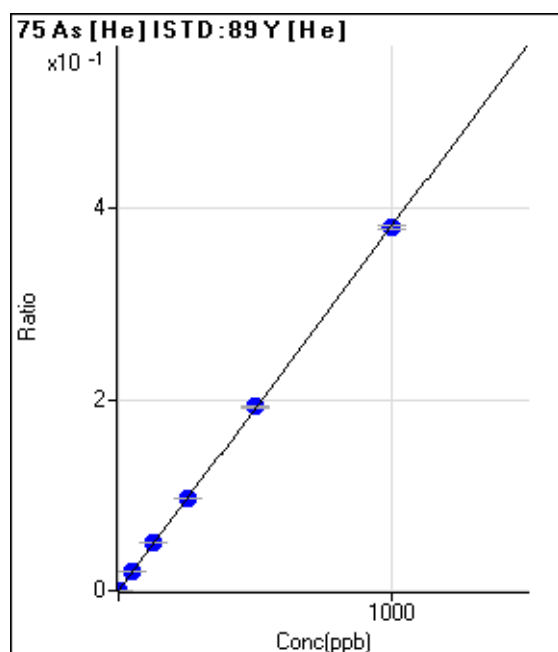
$$R = 0.9998$$

$$DL = 0.04986$$

$$BEC = 0.3635$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.02	0.0000	P	55.7
2	☐	0.100					
3	☐	1.000	0.872	98.77	0.0004	P	12.4
4	☐	50.000	51.600	5228.20	0.0197	P	2.2
5	☐	125.000	131.902	13137.80	0.0504	P	3.9
6	☐	250.000	251.634	25358.49	0.0961	P	0.8
7	☐	500.000	505.661	48791.88	0.1930	P	0.7
8	☐	1000.000	995.818	91515.75	0.3801	P	1.2
9	☐			29.01	0.0001	P	20.8

$$y = 3.8167\text{E-}004 * x + 2.9438\text{E-}005$$

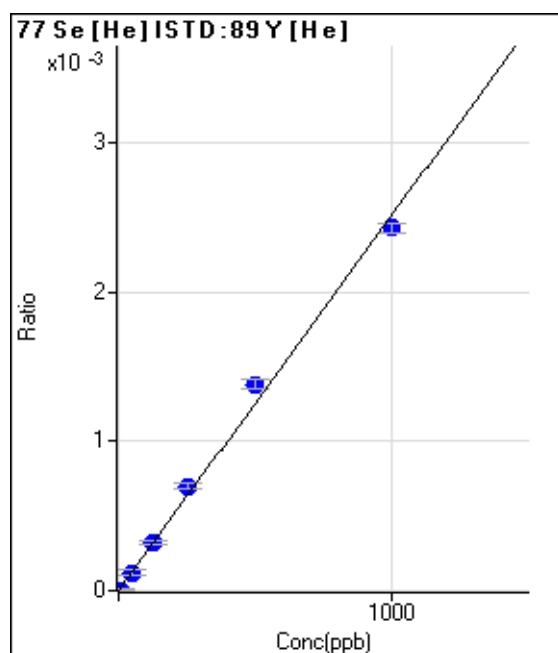
$$R = 1.0000$$

$$DL = 0.1289$$

$$BEC = 0.07713$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	1.629	1.11	0.0000	P	173.2
4	☐	50.000	48.192	32.22	0.0001	P	29.7
5	☐	125.000	127.219	83.34	0.0003	P	9.4
6	☐	250.000	277.909	184.45	0.0007	P	5.7
7	☐	500.000	550.657	350.01	0.0014	P	5.0
8	☐	1000.000	967.524	585.58	0.0024	P	2.7
9	☐			0.00	0.0000	P	

$$y = 2.5139\text{E-}006 * x + 0.0000\text{E+}000$$

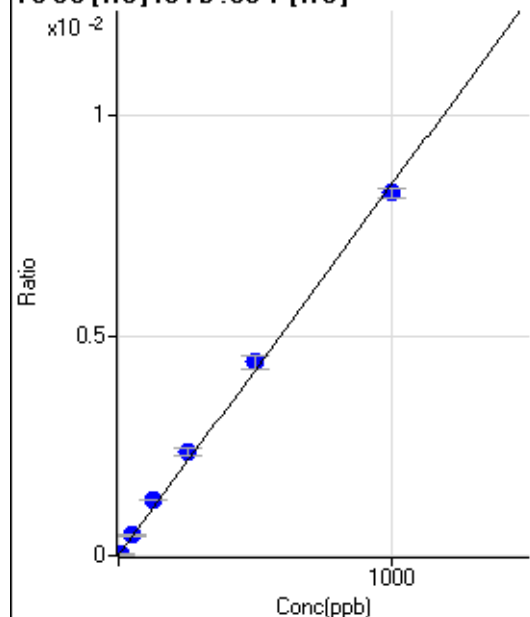
$$R = 0.9974$$

$$DL = 0$$

$$BEC = 0$$

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	2.47	0.0000	P	86.7
2	☐	0.500					
3	☐	5.000	2.129	7.41	0.0000	P	65.9
4	☐	50.000	55.021	125.31	0.0005	P	10.9
5	☐	125.000	149.736	331.49	0.0013	P	2.5
6	☐	250.000	281.181	627.18	0.0024	P	7.3
7	☐	500.000	521.162	1110.55	0.0044	P	6.9
8	☐	1000.000	978.295	1984.11	0.0082	P	3.0
9	☐			1.85	0.0000	P	100.1

$$y = 8.4151\text{E-}006 * x + 9.1739\text{E-}006$$

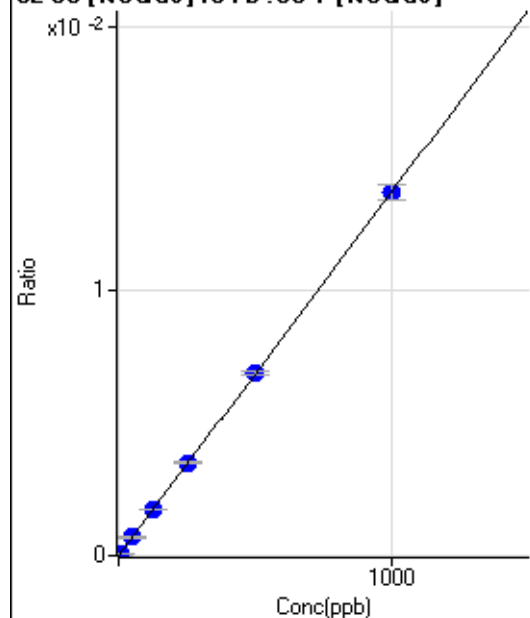
$$R = 0.9989$$

$$DL = 2.836$$

$$BEC = 1.09$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-15.07	0.0000	P	-536.
2	☐	0.500					
3	☐	5.000	4.313	529.86	0.0001	P	19.5
4	☐	50.000	50.985	6741.16	0.0007	P	2.9
5	☐	125.000	127.728	17012.42	0.0018	P	0.3
6	☐	250.000	254.790	33716.03	0.0035	P	2.2
7	☐	500.000	500.760	66572.31	0.0069	P	1.9
8	☐	1000.000	998.036	126513.32	0.0137	P	4.4
9	☐			7.15	0.0000	P	458.9

$$y = 1.3735\text{E-}005 * x - 1.6035\text{E-}006$$

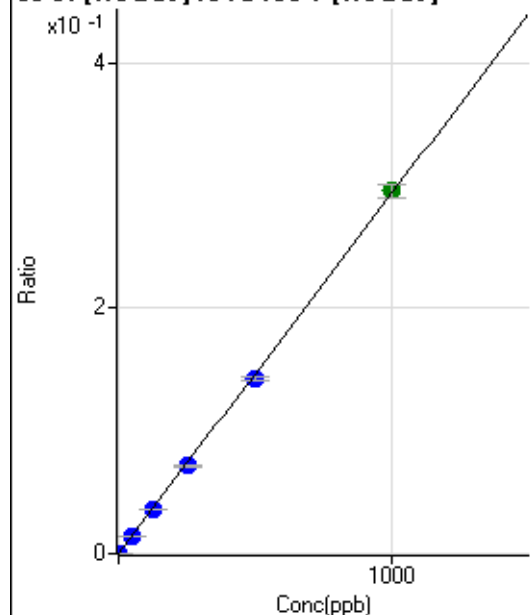
$$R = 1.0000$$

$$DL = 1.878$$

$$BEC = -0.1167$$

Weight: <None>

Min Conc: 0

86 Sr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1041.76	0.0001	P	1.5
2	☐	0.100					
3	☐	1.000	0.942	3547.85	0.0004	P	8.7
4	☐	50.000	49.211	140115.77	0.0145	P	0.5
5	☐	125.000	123.508	352116.44	0.0363	P	1.3
6	☐	250.000	245.353	693660.24	0.0720	P	2.1
7	☐	500.000	486.330	1380007.07	0.1425	P	1.4
8	☐	1000.000	1008.223	2726667.60	0.2954	A	4.1
9	☐			91769.09	0.0099	P	0.7

$$y = 2.9286E-004 * x + 1.0838E-004$$

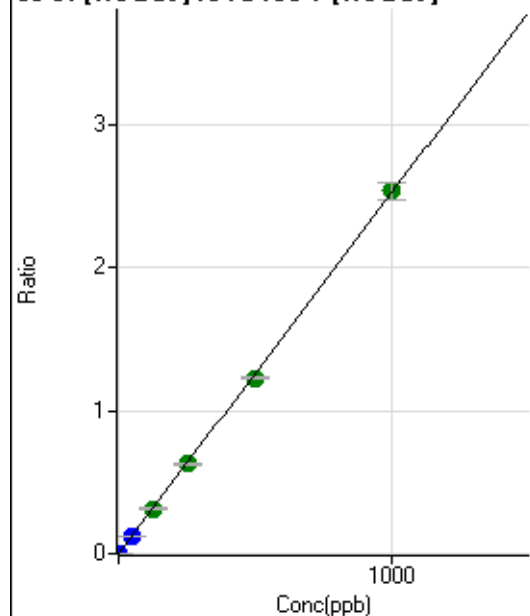
$$R = 0.9999$$

$$DL = 0.01704$$

$$BEC = 0.3701$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	0.946	22285.82	0.0024	P	5.4
4	☐	50.000	50.069	1216681.15	0.1261	P	0.4
5	☐	125.000	125.271	3061401.65	0.3154	A	1.1
6	☐	250.000	249.310	6050137.63	0.6277	A	2.6
7	☐	500.000	487.305	11878669.71	1.2269	A	1.3
8	☐	1000.000	1006.482	23388814.41	2.5340	A	4.5
9	☐			795711.50	0.0862	P	1.1

$$y = 0.0025 * x + 3.0322E-005$$

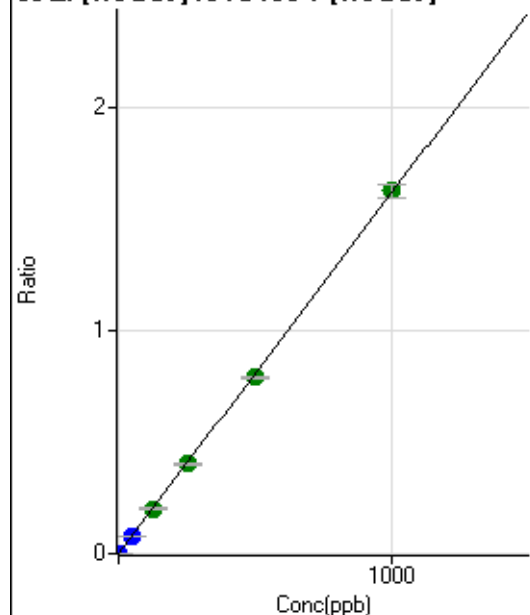
$$R = 0.9999$$

$$DL = 0.008019$$

$$BEC = 0.01204$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	716.72	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.874	13754.70	0.0015	P	7.2
4	☐	50.000	49.213	768958.30	0.0797	P	0.2
5	☐	125.000	124.804	1960338.35	0.2020	A	0.8
6	☐	250.000	249.117	3885065.06	0.4031	A	2.5
7	☐	500.000	488.708	7655301.13	0.7907	A	1.1
8	☐	1000.000	1005.931	15022642.18	1.6274	A	4.1
9	☐			3156.04	0.0003	P	4.6

$$y = 0.0016 * x + 7.4581E-005$$

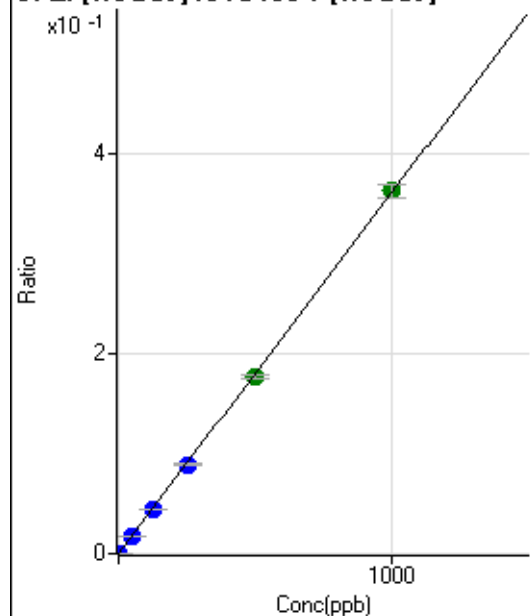
$$R = 0.9999$$

$$DL = 0.02367$$

$$BEC = 0.0461$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	21.1
2	☐	0.100					
3	☐	1.000	0.860	3053.27	0.0003	P	5.2
4	☐	50.000	48.547	169279.81	0.0175	P	1.0
5	☐	125.000	122.818	430490.07	0.0444	P	0.1
6	☐	250.000	246.901	859257.19	0.0891	P	1.9
7	☐	500.000	490.764	1715187.91	0.1772	A	1.9
8	☐	1000.000	1005.738	3351495.82	0.3630	A	3.9
9	☐			630.61	0.0001	P	16.7

$$y = 3.6095E-004 * x + 1.9660E-005$$

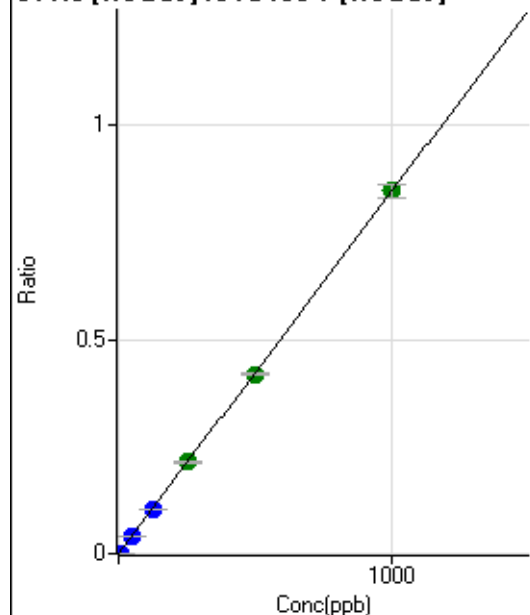
$$R = 0.9999$$

$$DL = 0.03447$$

$$BEC = 0.05447$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	1.963	15681.97	0.0017	P	3.5
4	☐	50.000	49.222	401734.20	0.0416	P	0.7
5	☐	125.000	123.833	1016136.26	0.1047	P	0.2
6	☐	250.000	253.152	2062463.39	0.2140	A	2.4
7	☐	500.000	494.979	4050573.92	0.4183	A	0.8
8	☐	1000.000	1001.922	7817512.41	0.8468	A	3.7
9	☐			4592.67	0.0005	P	3.9

$$y = 8.4510E-004 * x + 3.5214E-005$$

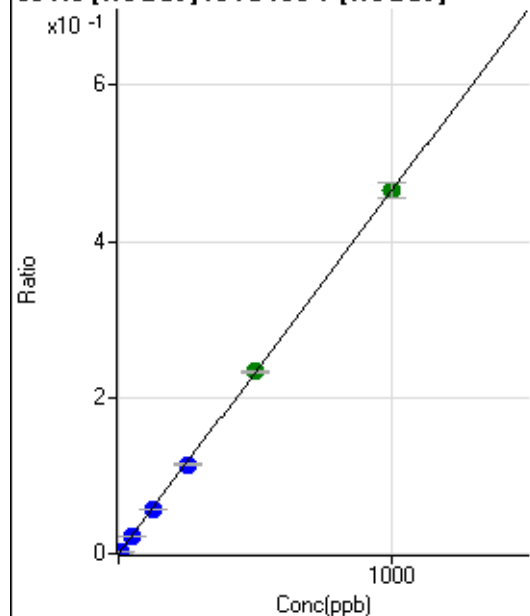
$$R = 1.0000$$

$$DL = 0.03788$$

$$BEC = 0.04167$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	4.304	18696.95	0.0020	P	3.1
4	☐	50.000	48.629	218209.58	0.0226	P	0.7
5	☐	125.000	122.709	553551.35	0.0570	P	0.7
6	☐	250.000	244.760	1096285.61	0.1137	P	2.4
7	☐	500.000	502.470	2260596.04	0.2335	A	0.6
8	☐	1000.000	1000.434	4290697.32	0.4648	A	4.2
9	☐			6057.18	0.0007	P	6.7

$$y = 4.6460E-004 * x + 2.0529E-005$$

$$R = 1.0000$$

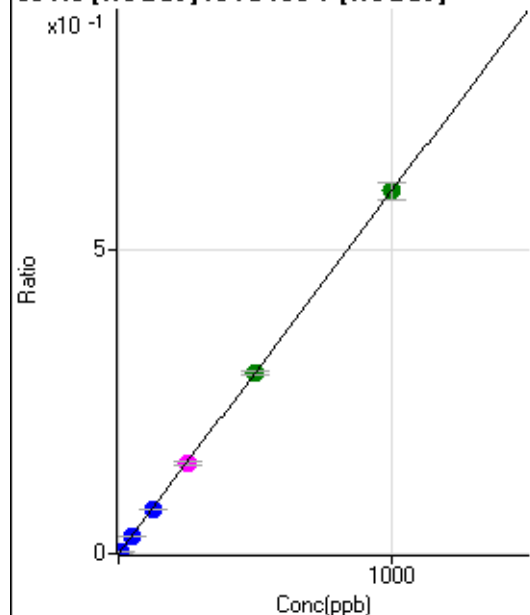
$$DL = 0.03629$$

$$BEC = 0.04419$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD:89 Y [NoGas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0000	P	1.2
2	☐	0.500					
3	☐	5.000	3.726	20822.31	0.0023	P	5.5
4	☐	50.000	48.647	280071.53	0.0290	P	0.7
5	☐	125.000	121.934	705665.01	0.0727	P	0.2
6	☐	250.000	248.028	1424910.70	0.1479	M	3.4
7	☐	500.000	499.379	2881864.15	0.2976	A	1.4
8	☐	1000.000	1001.261	5508040.88	0.5968	A	4.6
9	☐			9206.28	0.0010	P	2.2

$$y = 5.9598\text{E-}004 * x + 3.1790\text{E-}005$$

$$R = 1.0000$$

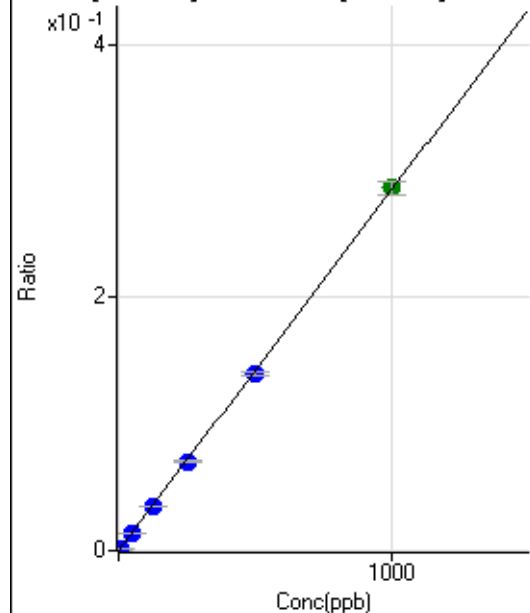
$$DL = 0.001901$$

$$BEC = 0.05334$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD:89 Y [NoGas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	8.1
2	☐	0.500					
3	☐	5.000	4.348	11675.04	0.0013	P	6.7
4	☐	50.000	49.182	135535.31	0.0140	P	0.3
5	☐	125.000	122.917	340370.48	0.0351	P	0.7
6	☐	250.000	246.454	677520.93	0.0703	P	2.2
7	☐	500.000	490.901	1355288.11	0.1400	P	1.3
8	☐	1000.000	1005.740	2647419.72	0.2868	A	3.7
9	☐			3906.32	0.0004	P	5.4

$$y = 2.8510\text{E-}004 * x + 2.3995\text{E-}005$$

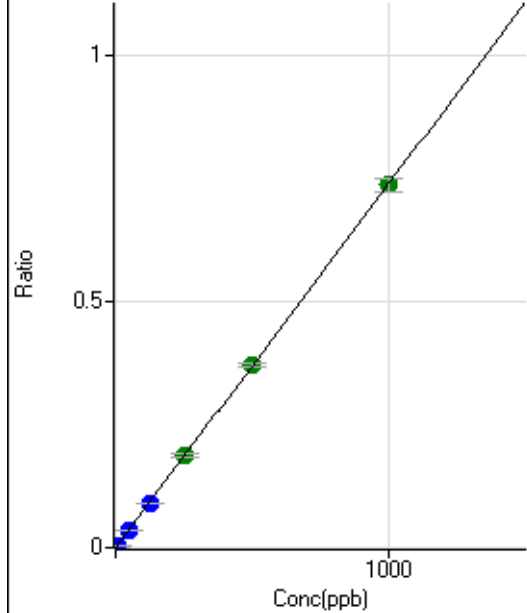
$$R = 0.9999$$

$$DL = 0.02044$$

$$BEC = 0.08416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.47	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	4.331	29895.14	0.0032	P	3.7
4	☐	50.000	48.614	346599.92	0.0359	P	0.6
5	☐	125.000	122.198	875789.57	0.0902	P	0.3
6	☐	250.000	254.001	1807182.94	0.1875	A	3.2
7	☐	500.000	503.112	3595673.65	0.3714	A	1.3
8	☐	1000.000	997.867	6799481.49	0.7365	A	3.9
9	☐			9331.35	0.0010	P	1.0

$$y = 7.3809\text{E-}004 * x + 3.5830\text{E-}005$$

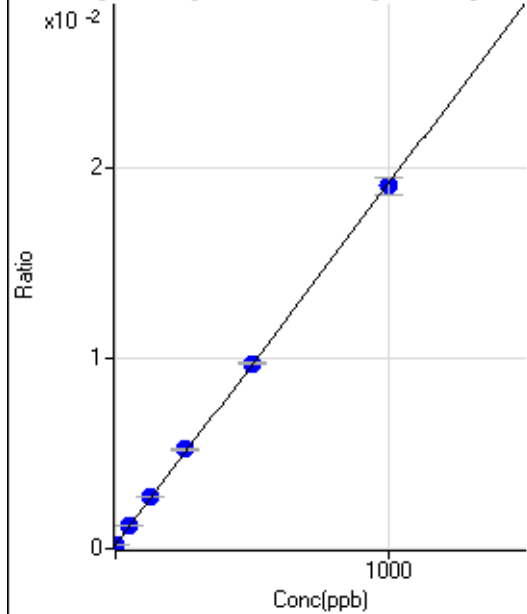
$$R = 1.0000$$

$$DL = 0.02234$$

$$BEC = 0.04854$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2147.49	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	0.827	2211.40	0.0002	P	3.9
4	☐	50.000	54.221	13476.68	0.0012	P	1.3
5	☐	125.000	132.848	30491.00	0.0027	P	0.7
6	☐	250.000	264.253	59666.13	0.0052	P	1.4
7	☐	500.000	503.100	115824.69	0.0098	P	1.1
8	☐	1000.000	993.695	217858.12	0.0191	P	4.9
9	☐			2186.40	0.0002	P	2.1

$$y = 1.9002\text{E-}005 * x + 1.9519\text{E-}004$$

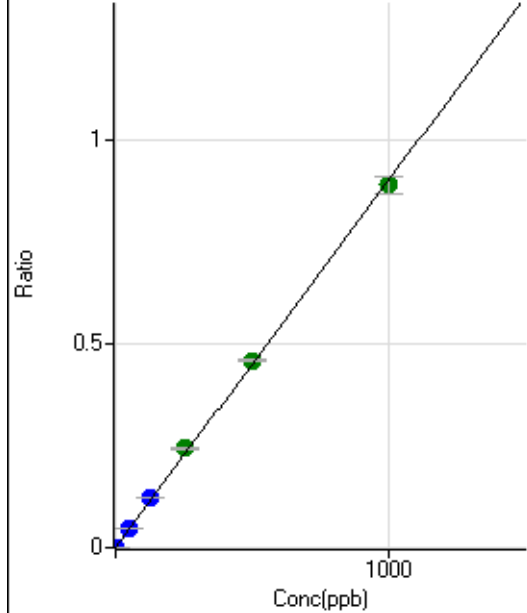
$$R = 0.9999$$

$$DL = 1.445$$

$$BEC = 10.27$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	51.8
2	☐	0.100					
3	☐	1.000	1.328	12620.37	0.0012	P	4.2
4	☐	50.000	54.848	542236.64	0.0493	P	0.2
5	☐	125.000	134.372	1354214.03	0.1208	P	0.5
6	☐	250.000	271.916	2795480.88	0.2444	A	1.8
7	☐	500.000	509.810	5440532.89	0.4582	A	1.4
8	☐	1000.000	988.202	10143094.06	0.8882	A	5.0
9	☐			1141.77	0.0001	P	2.4

$$y = 8.9884\text{E-}004 * x + 1.0606\text{E-}005$$

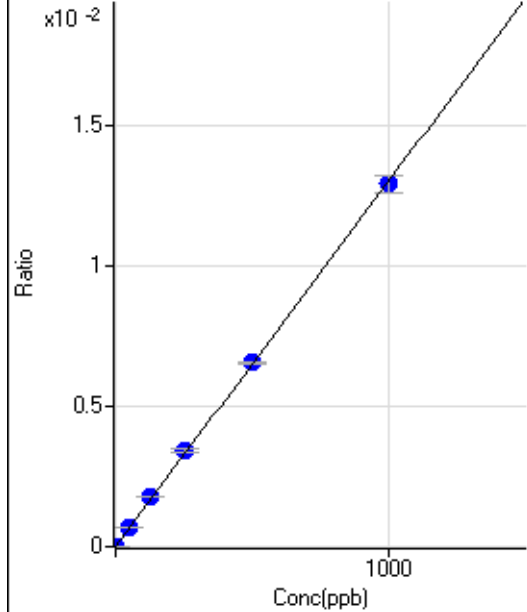
$$R = 0.9997$$

$$DL = 0.01833$$

$$BEC = 0.0118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.05	0.0000	P	26.4
2	☐	0.100					
3	☐	1.000	1.045	159.73	0.0000	P	8.5
4	☐	50.000	52.492	7535.59	0.0007	P	3.9
5	☐	125.000	136.433	19938.62	0.0018	P	1.2
6	☐	250.000	263.416	39248.94	0.0034	P	2.8
7	☐	500.000	503.996	77945.88	0.0066	P	1.1
8	☐	1000.000	993.094	147700.94	0.0129	P	5.1
9	☐			33.34	0.0000	P	21.3

$$y = 1.3023\text{E-}005 * x + 1.6396\text{E-}006$$

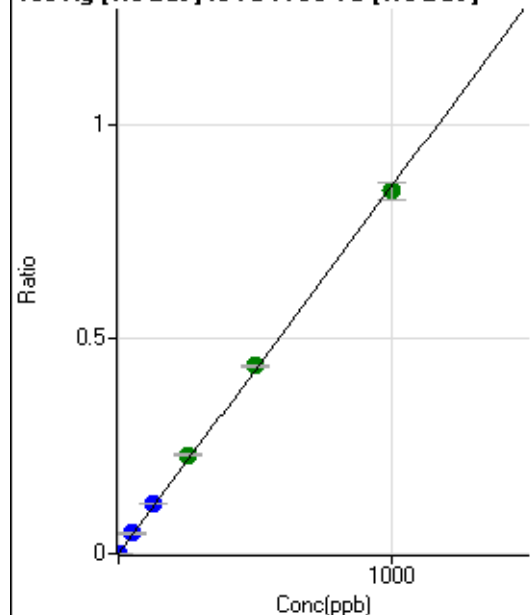
$$R = 0.9998$$

$$DL = 0.0997$$

$$BEC = 0.1259$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	6.2
2	☐	0.100					
3	☐	1.000	1.311	11827.99	0.0011	P	4.2
4	☐	50.000	55.061	517937.04	0.0471	P	0.3
5	☐	125.000	135.253	1297048.52	0.1157	P	0.6
6	☐	250.000	268.685	2628305.76	0.2298	A	2.2
7	☐	500.000	511.415	5193427.81	0.4374	A	0.7
8	☐	1000.000	988.086	9652019.66	0.8451	A	4.6
9	☐			986.20	0.0001	P	10.7

$$y = 8.5530\text{E-}004 * x + 6.5617\text{E-}006$$

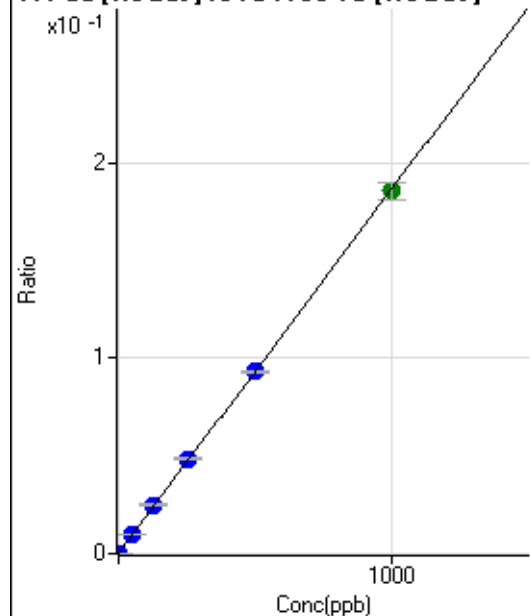
$$R = 0.9997$$

$$DL = 0.001438$$

$$BEC = 0.007672$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1539.22	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.982	3386.36	0.0003	P	4.0
4	☐	50.000	54.543	113421.42	0.0103	P	0.3
5	☐	125.000	133.729	281255.36	0.0251	P	0.5
6	☐	250.000	260.608	557602.22	0.0488	P	2.0
7	☐	500.000	500.858	1110941.50	0.0936	P	1.0
8	☐	1000.000	995.601	2122468.71	0.1859	A	4.9
9	☐			1787.71	0.0002	P	2.2

$$y = 1.8654\text{E-}004 * x + 1.3990\text{E-}004$$

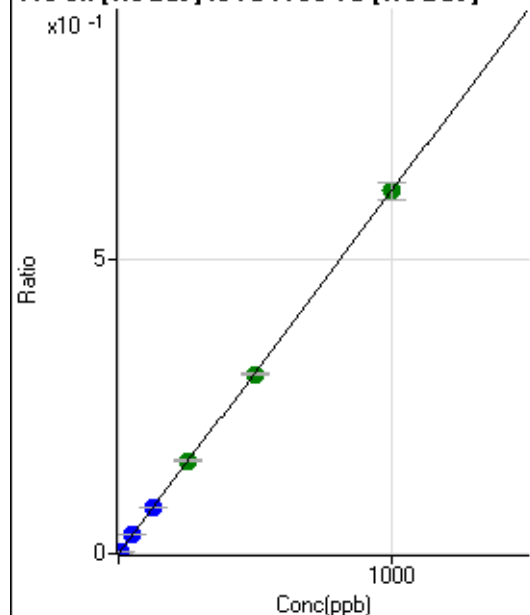
$$R = 0.9999$$

$$DL = 0.1079$$

$$BEC = 0.7499$$

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	688.94	0.0001	P	11.3
2	☐	0.500					
3	☐	5.000	4.678	30920.07	0.0029	P	3.6
4	☐	50.000	52.113	354311.57	0.0322	P	0.9
5	☐	125.000	128.040	886578.55	0.0791	P	0.4
6	☐	250.000	257.042	1814846.31	0.1587	A	2.5
7	☐	500.000	494.650	3624840.71	0.3053	A	1.6
8	☐	1000.000	1000.430	7050858.84	0.6174	A	5.0
9	☐			5443.02	0.0005	P	3.5

$$y = 6.1712\text{E-}004 * x + 6.2624\text{E-}005$$

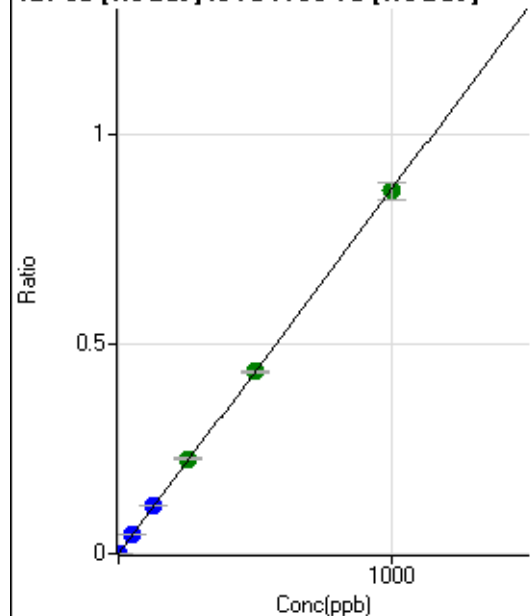
$$R = 0.9999$$

$$DL = 0.03446$$

$$BEC = 0.1015$$

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	58.34	0.0000	P	57.5
2	☐	0.200					
3	☐	2.000	1.952	17795.92	0.0017	P	4.0
4	☐	50.000	53.190	507135.14	0.0461	P	0.6
5	☐	125.000	131.086	1274242.58	0.1137	P	0.4
6	☐	250.000	260.485	2583058.74	0.2258	A	1.8
7	☐	500.000	500.252	5149467.56	0.4337	A	1.0
8	☐	1000.000	996.333	9864413.94	0.8638	A	4.9
9	☐			21161.85	0.0018	P	1.3

$$y = 8.6698\text{E-}004 * x + 5.3028\text{E-}006$$

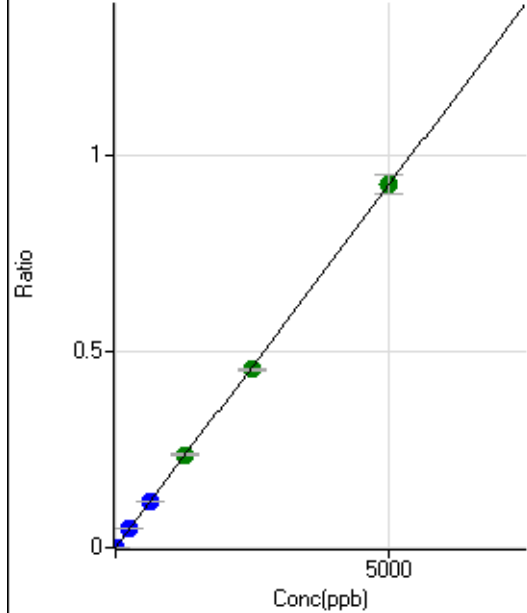
$$R = 0.9999$$

$$DL = 0.01055$$

$$BEC = 0.006116$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	53.0
2	☐	1.000					
3	☐	10.000	9.218	17921.13	0.0017	P	4.0
4	☐	250.000	259.217	526370.38	0.0479	P	0.5
5	☐	625.000	640.379	1325659.09	0.1182	P	1.3
6	☐	1250.000	1279.178	2701431.40	0.2362	A	1.6
7	☐	2500.000	2464.973	5403681.33	0.4551	A	0.8
8	☐	5000.000	5007.837	10557316.99	0.9246	A	5.4
9	☐			2972.68	0.0003	P	2.9

$$y = 1.8464\text{E-}004 * x + 7.8108\text{E-}006$$

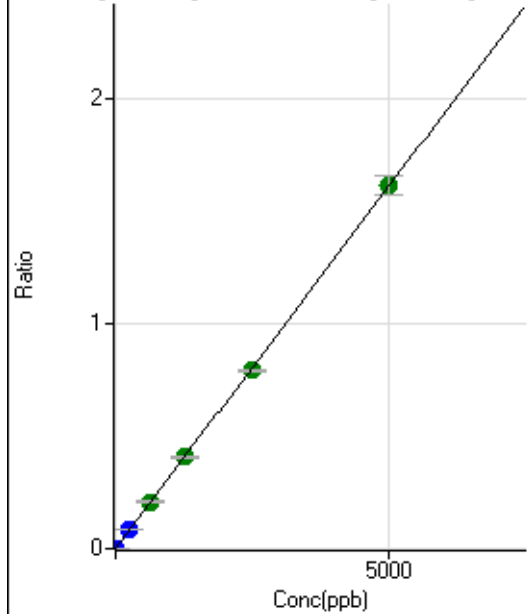
$$R = 0.9999$$

$$DL = 0.06725$$

$$BEC = 0.0423$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	21.4
2	☐	1.000					
3	☐	10.000	9.310	31585.81	0.0030	P	4.3
4	☐	250.000	258.438	915906.86	0.0833	P	0.6
5	☐	625.000	648.249	2341973.99	0.2089	A	1.4
6	☐	1250.000	1270.687	4682715.56	0.4095	A	2.6
7	☐	2500.000	2462.206	9419826.25	0.7934	A	1.3
8	☐	5000.000	5010.398	18435582.18	1.6145	A	5.2
9	☐			6012.72	0.0005	P	7.8

$$y = 3.2223\text{E-}004 * x + 1.3870\text{E-}005$$

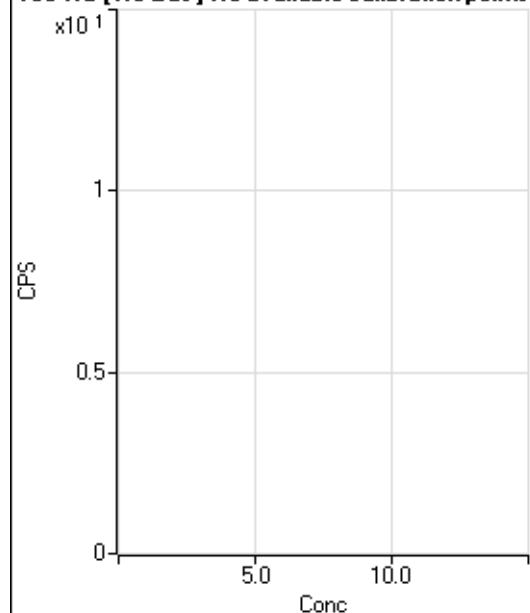
$$R = 0.9999$$

$$DL = 0.02762$$

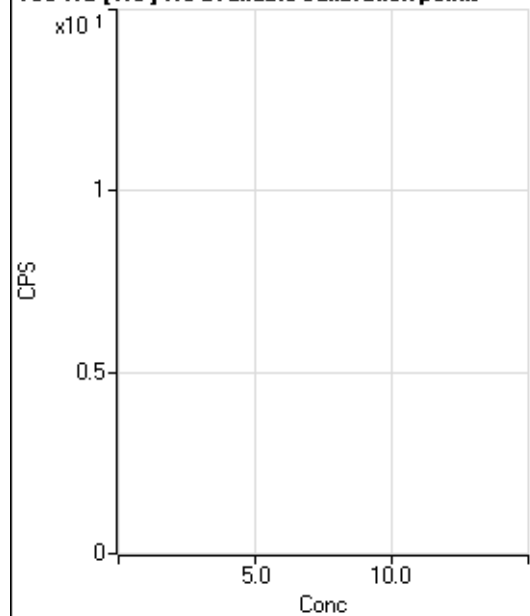
$$BEC = 0.04304$$

Weight: <None>

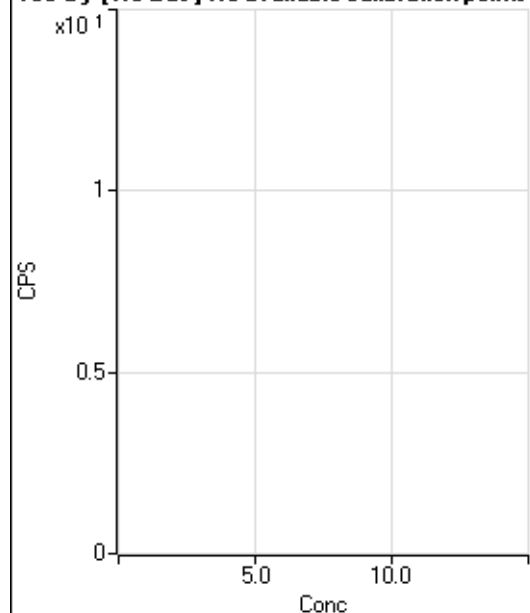
Min Conc: 0

150 Nd [No Gas] No available calibration points

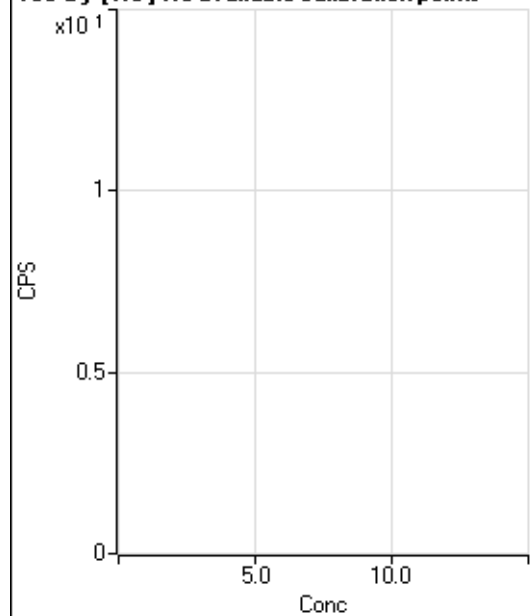
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			17.78		P	78.1
4	☐			42.22		P	18.2
5	☐			71.11		P	10.8
6	☐			113.34		P	21.2
7	☐			217.78		P	12.4
8	☐			393.35		P	17.9
9	☐			86.67		P	20.4

150 Nd [He] No available calibration points

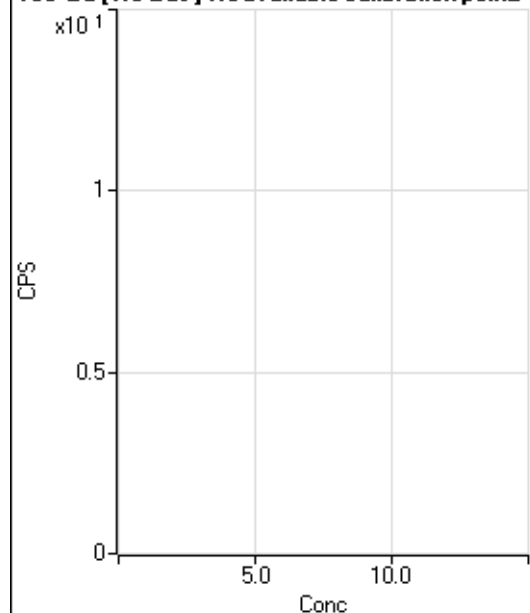
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			4.44		P	114.6
7	☐			8.89		P	21.6
8	☐			6.67		P	50.0
9	☐			11.11		P	34.6

156 Dy [No Gas] No available calibration points

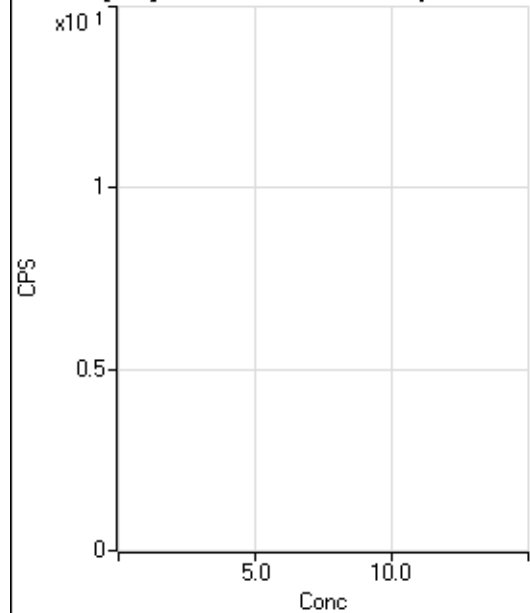
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			22.22		P	86.6
4	☐			22.22		P	86.6
5	☐			36.11		P	58.1
6	☐			63.89		P	52.7
7	☐			133.34		P	31.3
8	☐			152.78		P	22.0
9	☐			91.67		P	24.1

156 Dy [He] No available calibration points

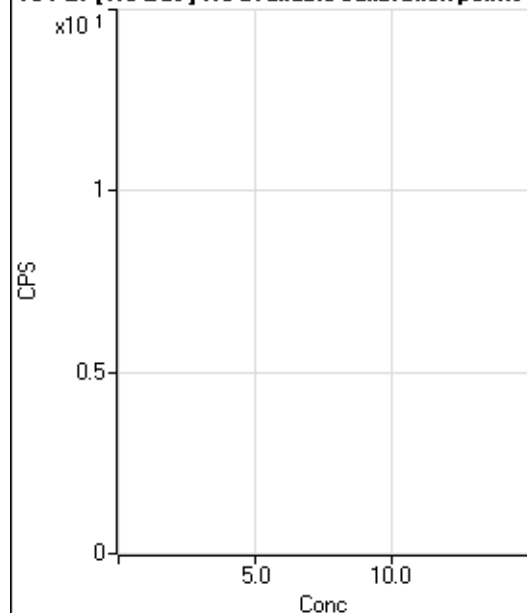
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			6.67		P	100.0
6	☐			2.22		P	86.6
7	☐			10.00		P	0.0
8	☐			33.33		P	36.1
9	☐			14.44		P	35.3

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

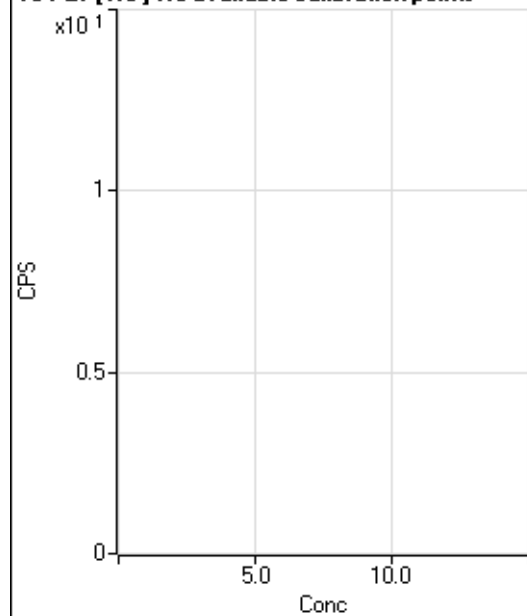
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	15.8
2	☐						
3	☐			66.67		P	45.1
4	☐			86.11		P	27.9
5	☐			108.34		P	23.1
6	☐			83.34		P	26.5
7	☐			97.23		P	52.4
8	☐			136.12		P	12.7
9	☐			158.34		P	24.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐						
3	☐			6.67		P	132.3
4	☐			13.33		P	90.1
5	☐			11.11		P	105.4
6	☐			18.89		P	20.4
7	☐			18.89		P	36.7
8	☐			15.56		P	32.7
9	☐			14.45		P	26.7

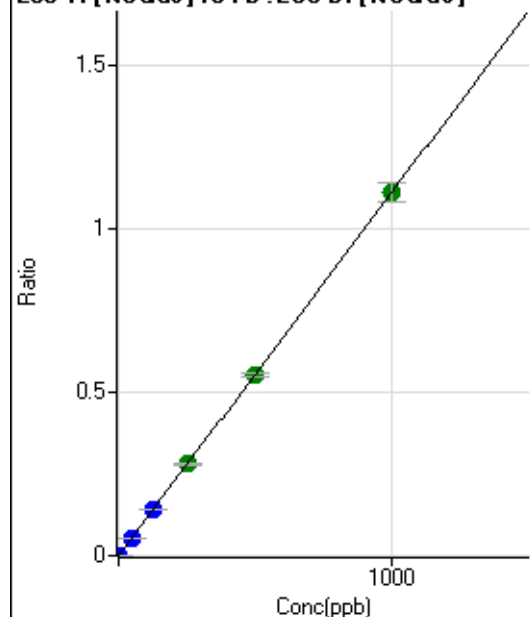
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	75.5
2	☐						
3	☐			63.89		P	15.1
4	☐			30.56		P	41.7
5	☐			38.89		P	53.9
6	☐			61.11		P	67.3
7	☐			47.23		P	56.7
8	☐			63.89		P	27.2
9	☐			105.56		P	4.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐						
3	☐			3.33		P	100.1
4	☐			6.67		P	0.0
5	☐			7.78		P	107.8
6	☐			6.67		P	50.0
7	☐			10.00		P	66.7
8	☐			4.44		P	114.6
9	☐			10.00		P	88.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	19.4
2	☐	0.100					
3	☐	1.000	0.970	6660.40	0.0011	P	4.2
4	☐	50.000	49.995	350698.09	0.0556	P	0.8
5	☐	125.000	125.631	890666.74	0.1397	P	0.8
6	☐	250.000	253.087	1832067.84	0.2813	A	1.6
7	☐	500.000	498.638	3809181.25	0.5542	A	1.4
8	☐	1000.000	999.831	7436578.46	1.1113	A	5.2
9	☐			2636.52	0.0004	P	12.3

$$y = 0.0011 * x + 3.3941E-005$$

$$R = 1.0000$$

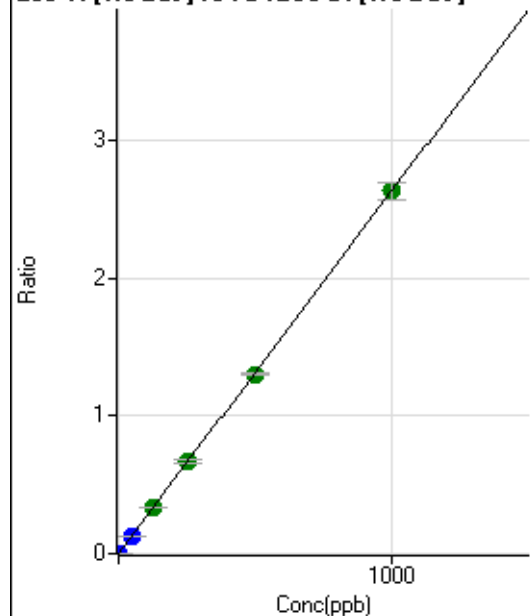
$$DL = 0.01777$$

$$BEC = 0.03054$$

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	430.59	0.0001	P	23.5
2	☐	0.100					
3	☐	1.000	0.934	15123.56	0.0025	P	2.6
4	☐	50.000	50.066	830665.78	0.1317	P	0.6
5	☐	125.000	128.118	2148362.05	0.3369	A	1.0
6	☐	250.000	254.377	4355355.70	0.6688	A	2.3
7	☐	500.000	495.668	8956771.99	1.3032	A	0.9
8	☐	1000.000	1000.678	17606321.75	2.6308	A	4.9
9	☐			6329.68	0.0010	P	2.5

$$y = 0.0026 * x + 6.8321E-005$$

$$R = 1.0000$$

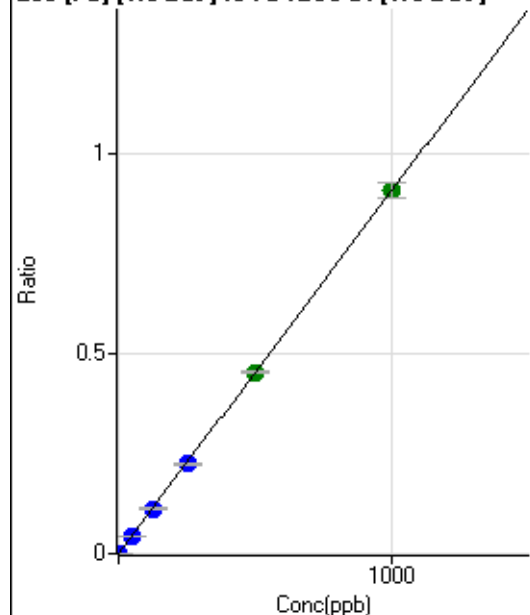
$$DL = 0.0183$$

$$BEC = 0.02599$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	709.30	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	1.045	6336.98	0.0011	P	7.9
4	☐	50.000	49.181	281888.00	0.0447	P	1.0
5	☐	125.000	124.417	719902.77	0.1129	P	0.8
6	☐	250.000	248.126	1465397.20	0.2250	P	1.8
7	☐	500.000	500.630	3119717.37	0.4539	A	1.4
8	☐	1000.000	1000.267	6069486.19	0.9068	A	4.4
9	☐			9685.46	0.0015	P	3.1

$$y = 9.0643\text{E-}004 * x + 1.1259\text{E-}004$$

$$R = 1.0000$$

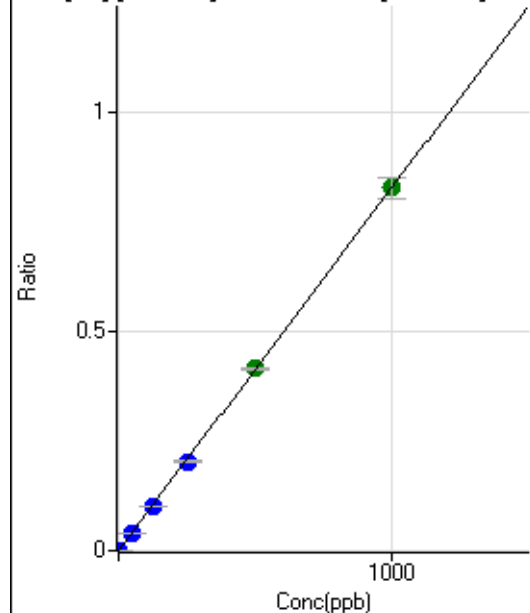
$$DL = 0.02672$$

$$BEC = 0.1242$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	646.33	0.0001	P	3.1
2	☐	0.100					
3	☐	1.000	1.026	5694.04	0.0010	P	4.8
4	☐	50.000	48.914	255786.29	0.0406	P	1.4
5	☐	125.000	122.508	646729.70	0.1014	P	1.1
6	☐	250.000	244.947	1319837.26	0.2027	P	1.8
7	☐	500.000	502.312	2855716.47	0.4155	A	1.4
8	☐	1000.000	1000.473	5536866.91	0.8275	A	5.5
9	☐			8330.73	0.0013	P	1.7

$$y = 8.2698\text{E-}004 * x + 1.0259\text{E-}004$$

$$R = 1.0000$$

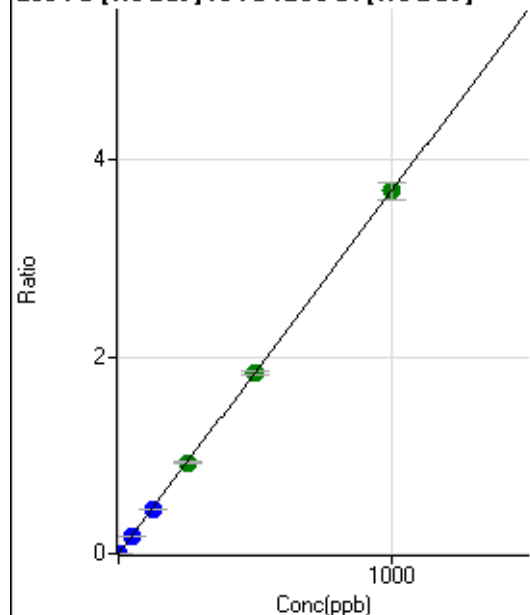
$$DL = 0.0117$$

$$BEC = 0.1241$$

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	2935.41	0.0005	P	1.6
2	☐	0.100					
3	☐	1.000	1.065	26281.99	0.0044	P	4.6
4	☐	50.000	49.124	1144712.49	0.1815	P	0.6
5	☐	125.000	123.946	2915500.83	0.4572	P	0.9
6	☐	250.000	251.477	6037566.62	0.9271	A	1.8
7	☐	500.000	498.863	12637019.12	1.8387	A	1.4
8	☐	1000.000	1000.375	24672058.94	3.6866	A	5.0
9	☐			37932.32	0.0059	P	1.5

$$y = 0.0037 * x + 4.6594E-004$$

$$R = 1.0000$$

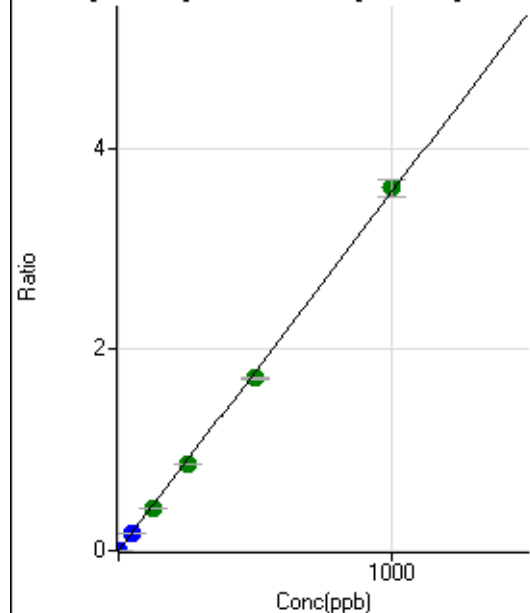
$$DL = 0.005957$$

$$BEC = 0.1264$$

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	525.04	0.0001	P	16.7
2	☐	0.100					
3	☐	1.000	0.844	18500.62	0.0031	P	5.0
4	☐	50.000	46.400	1043921.31	0.1655	P	0.4
5	☐	125.000	119.395	2714718.12	0.4257	A	0.9
6	☐	250.000	241.091	5597404.68	0.8595	A	1.4
7	☐	500.000	481.077	11787159.99	1.7150	A	0.9
8	☐	1000.000	1012.569	24158347.94	3.6096	A	4.7
9	☐			2369.79	0.0004	P	4.5

$$y = 0.0036 * x + 8.3350E-005$$

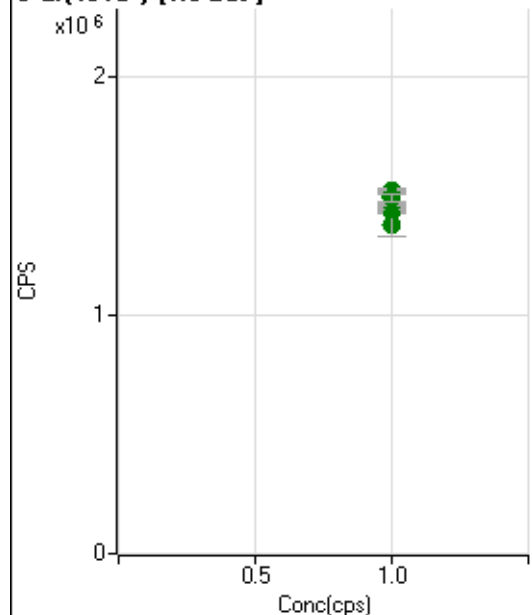
$$R = 0.9997$$

$$DL = 0.01172$$

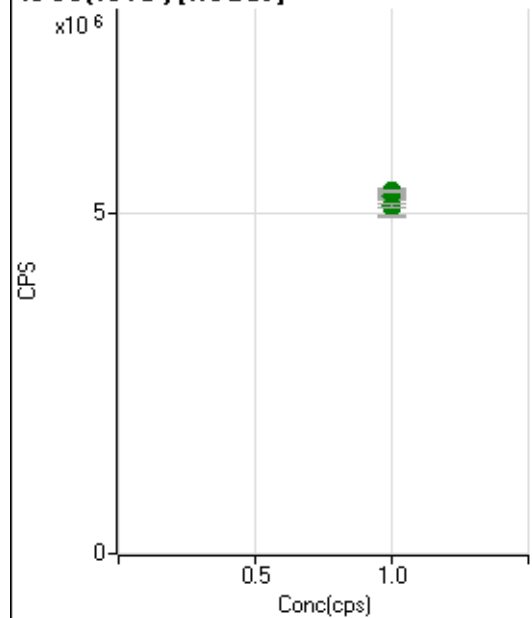
$$BEC = 0.02338$$

Weight: <None>

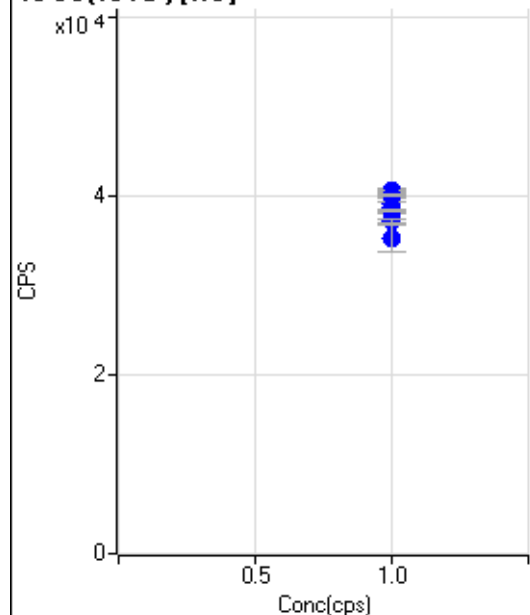
Min Conc: 0

6 Li (ISTD) [No Gas]

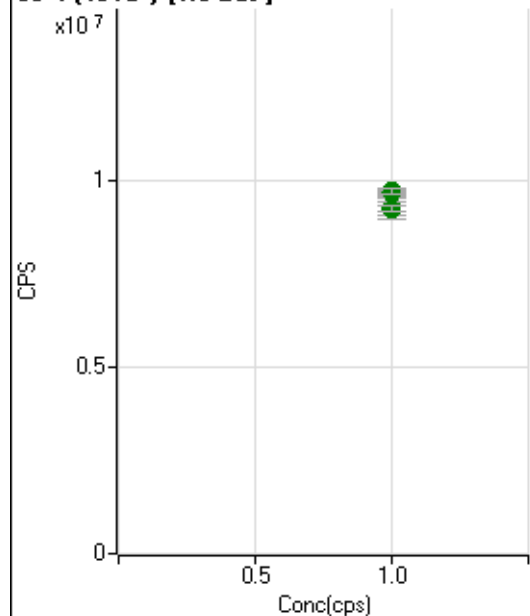
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1434145.97		A	0.7
2	☐	1.000					
3	☐	1.000		1380404.75		A	6.8
4	☐	1.000		1444995.64		A	0.7
5	☐	1.000		1449077.61		A	0.5
6	☐	1.000		1467484.44		A	0.6
7	☐	1.000		1523665.41		A	0.9
8	☐	1.000		1500733.75		A	3.8
9	☐	1.000		1495078.87		A	1.8

45 Sc (ISTD) [No Gas]

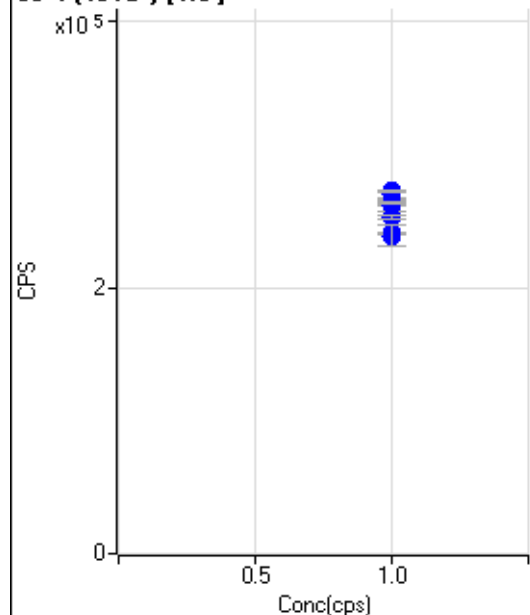
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5250835.32		A	0.7
2	☐	1.000					
3	☐	1.000		5122434.32		A	6.2
4	☐	1.000		5336773.99		A	0.9
5	☐	1.000		5309158.75		A	0.9
6	☐	1.000		5255260.18		A	2.0
7	☐	1.000		5326680.98		A	0.8
8	☐	1.000		5082835.31		A	4.4
9	☐	1.000		5106075.77		A	1.1

45 Sc(ISTD) [He]

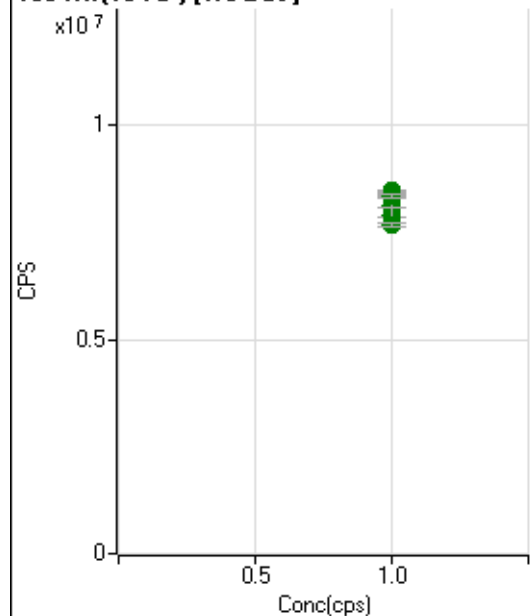
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40300.07		P	2.1
2	☐	1.000					
3	☐	1.000		40539.62		P	0.8
4	☐	1.000		39142.60		P	3.2
5	☐	1.000		38722.53		P	3.4
6	☐	1.000		40052.67		P	0.4
7	☐	1.000		38291.08		P	0.5
8	☐	1.000		37268.29		P	1.1
9	☐	1.000		35285.89		P	8.3

89 Y(ISTD) [No Gas]

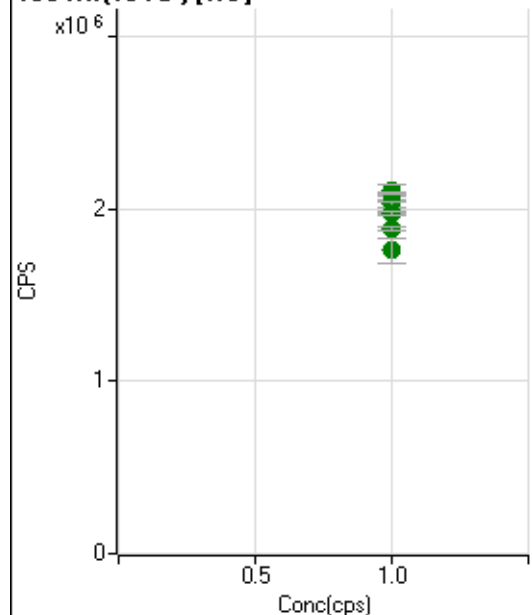
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9611922.50		A	0.6
2	☐	1.000					
3	☐	1.000		9264199.03		A	6.5
4	☐	1.000		9649674.58		A	0.7
5	☐	1.000		9706438.26		A	0.7
6	☐	1.000		9642235.27		A	2.2
7	☐	1.000		9683146.94		A	1.4
8	☐	1.000		9240904.38		A	3.9
9	☐	1.000		9234368.96		A	1.2

89 Y (ISTD) [He]

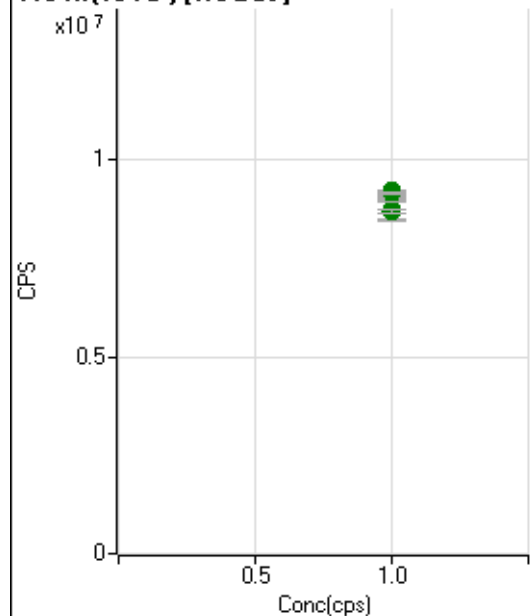
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		269641.56		P	3.0
2	☐	1.000					
3	☐	1.000		272714.70		P	0.6
4	☐	1.000		265102.41		P	2.3
5	☐	1.000		261032.82		P	3.4
6	☐	1.000		263948.21		P	0.7
7	☐	1.000		252781.72		P	0.8
8	☐	1.000		240785.82		P	1.1
9	☐	1.000		238882.84		P	6.9

103 Rh (ISTD) [NoGas]

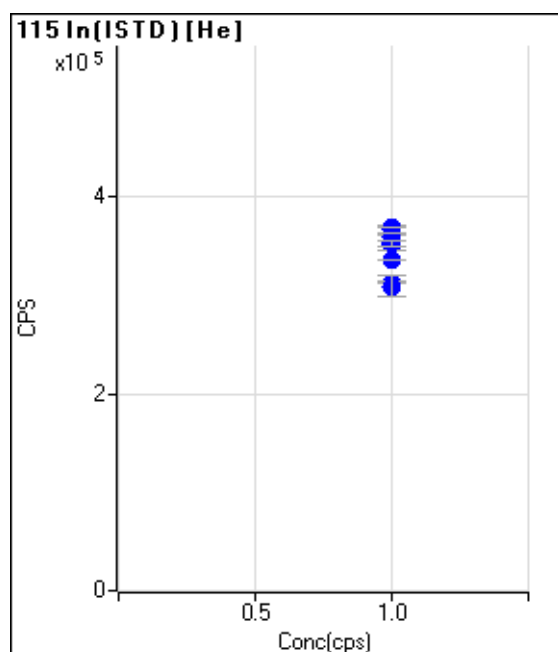
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8478957.31		A	0.6
2	☐	1.000					
3	☐	1.000		8134821.01		A	6.6
4	☐	1.000		8414463.99		A	1.5
5	☐	1.000		8406660.95		A	0.6
6	☐	1.000		8364202.62		A	1.4
7	☐	1.000		8363956.52		A	1.2
8	☐	1.000		7902655.91		A	4.8
9	☐	1.000		7680103.56		A	1.3

103 Rh(ISTD) [He]

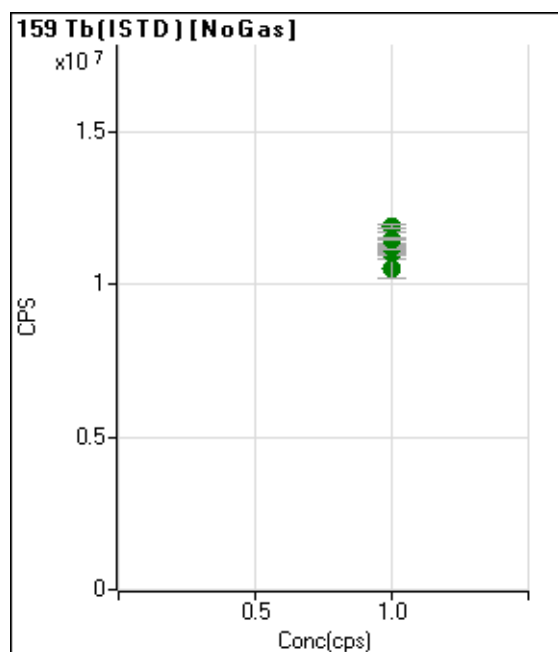
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2105105.65		A	3.2
2	☐	1.000					
3	☐	1.000		2087652.09		A	0.5
4	☐	1.000		2034244.90		A	2.2
5	☐	1.000		2005679.07		A	3.1
6	☐	1.000		2028031.74		A	1.5
7	☐	1.000		1971648.15		A	1.0
8	☐	1.000		1889399.09		A	1.1
9	☐	1.000		1760462.92		A	8.2

115 In(ISTD) [NoGas]

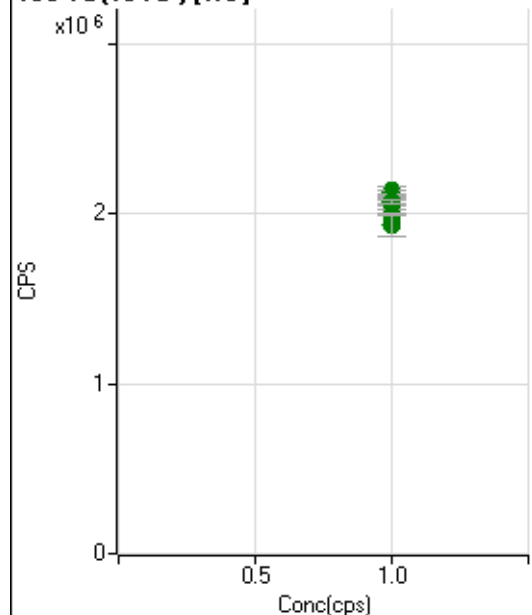
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9130144.08		A	0.9
2	☐	1.000					
3	☐	1.000		8732254.42		A	6.1
4	☐	1.000		9225014.59		A	0.8
5	☐	1.000		9163562.30		A	0.4
6	☐	1.000		9137241.55		A	1.6
7	☐	1.000		9186770.69		A	0.6
8	☐	1.000		8733741.36		A	4.8
9	☐	1.000		8707234.60		A	1.2



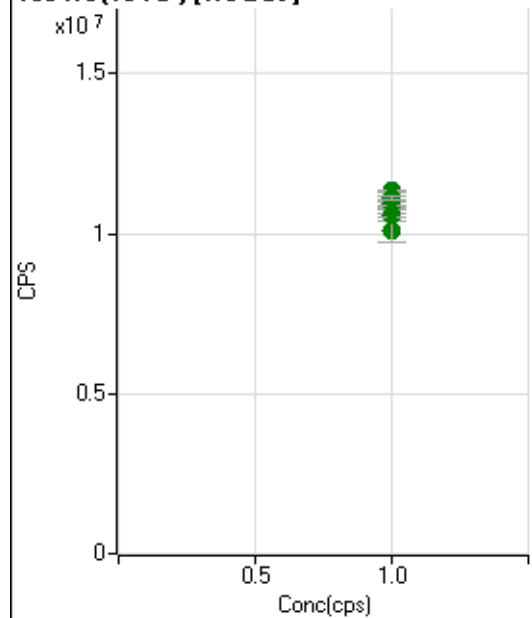
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		366655.12		P	2.8
2	☐	1.000					
3	☐	1.000		368211.28		P	0.1
4	☐	1.000		359113.09		P	2.1
5	☐	1.000		350672.98		P	2.7
6	☐	1.000		352726.22		P	1.4
7	☐	1.000		335597.47		P	0.5
8	☐	1.000		312909.32		P	0.7
9	☐	1.000		309320.06		P	6.5



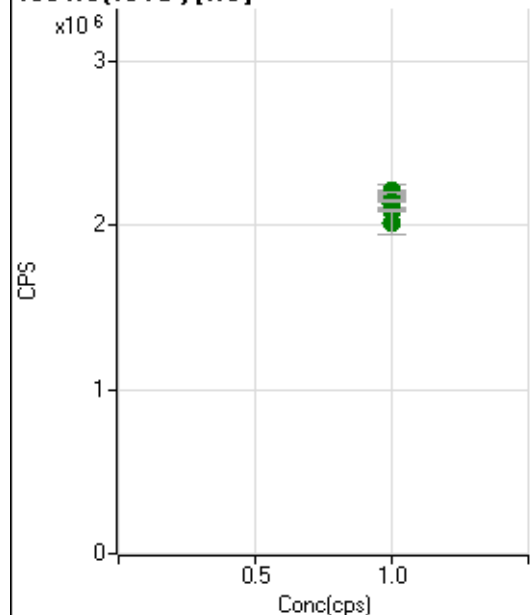
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11004992.48		A	0.8
2	☐	1.000					
3	☐	1.000		10498276.79		A	6.2
4	☐	1.000		10996328.03		A	0.7
5	☐	1.000		11211541.64		A	0.6
6	☐	1.000		11439765.11		A	1.9
7	☐	1.000		11873468.02		A	1.0
8	☐	1.000		11437309.27		A	4.7
9	☐	1.000		11472514.00		A	0.5

159 Tb(ISTD) [He]

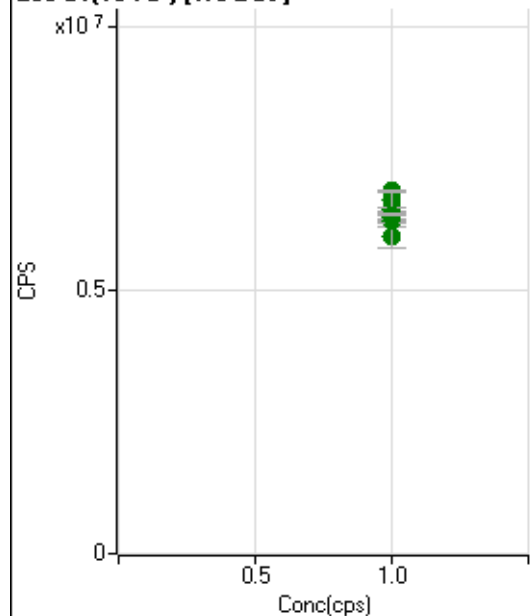
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2136735.14		A	2.7
2	☐	1.000					
3	☐	1.000		2125418.79		A	1.2
4	☐	1.000		2080360.21		A	2.5
5	☐	1.000		2059241.97		A	3.1
6	☐	1.000		2110859.07		A	0.7
7	☐	1.000		2071523.53		A	1.1
8	☐	1.000		1993724.17		A	0.6
9	☐	1.000		1938092.97		A	6.7

165 Ho(ISTD) [NoGas]

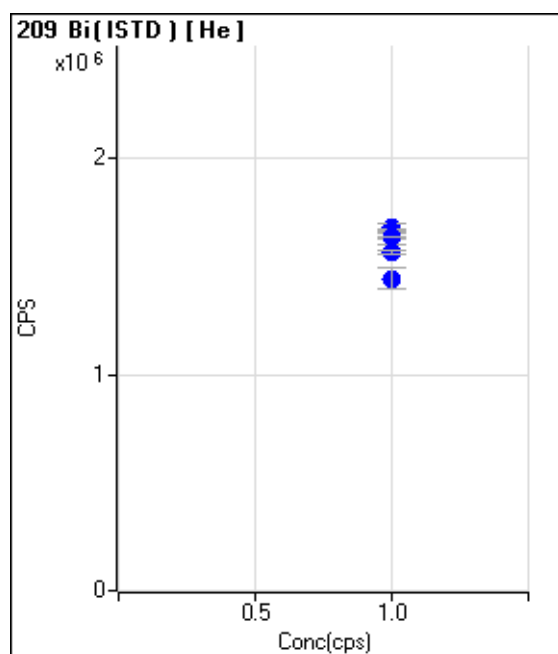
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10576139.39		A	1.0
2	☐	1.000					
3	☐	1.000		10085008.04		A	6.6
4	☐	1.000		10594423.93		A	1.2
5	☐	1.000		10758485.66		A	0.6
6	☐	1.000		10908670.30		A	1.0
7	☐	1.000		11332017.09		A	0.6
8	☐	1.000		11108019.95		A	4.6
9	☐	1.000		11107230.20		A	1.1

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2210860.66		A	3.1
2	☐	1.000					
3	☐	1.000		2211236.74		A	0.8
4	☐	1.000		2135519.10		A	2.0
5	☐	1.000		2133522.95		A	3.6
6	☐	1.000		2199260.37		A	0.7
7	☐	1.000		2149134.98		A	0.9
8	☐	1.000		2089821.17		A	0.8
9	☐	1.000		2013007.54		A	6.8

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6300266.78		A	0.4
2	☐	1.000					
3	☐	1.000		5997466.92		A	6.6
4	☐	1.000		6308030.74		A	1.5
5	☐	1.000		6377433.93		A	0.8
6	☐	1.000		6513048.31		A	1.0
7	☐	1.000		6873425.94		A	0.8
8	☐	1.000		6702104.07		A	4.4
9	☐	1.000		6425895.60		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1677309.18		P	2.6
2	☐	1.000					
3	☐	1.000		1661117.44		P	0.7
4	☐	1.000		1638724.75		P	1.8
5	☐	1.000		1631809.54		M	3.6
6	☐	1.000		1664666.73		P	0.4
7	☐	1.000		1635979.78		P	0.4
8	☐	1.000		1565468.69		P	0.8
9	☐	1.000		1441592.06		P	6.9

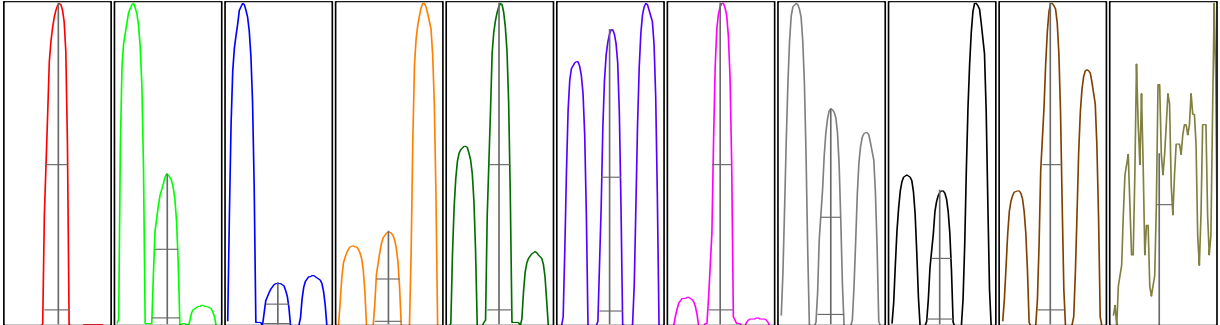
US EPA Tune Check Sample Report

Batch Folder D:\P8092117-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9970	0.71	5.00	
24	71444	0.88	5.00	
25	9436	0.58	5.00	
26	10940	0.90	5.00	
59	107226	1.00	5.00	
113	14308	0.94	5.00	
115	179114	0.87	5.00	
206	36241	1.16	5.00	
207	32367	1.14	5.00	
208	77563	0.69	5.00	
220	2	19.35		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10052	9863	10012	9961	9960
24	72274	70622	71101	71454	71769
25	9505	9363	9450	9403	9461
26	11061	10800	10996	10944	10901
59	108702	106101	107788	106326	107213
113	14408	14074	14379	14341	14337
115	179815	176389	179319	180129	179920
206	36140	35563	36594	36558	36347
207	32327	31754	32671	32462	32619
208	77324	76777	77910	77644	78161
220	2	2	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	16421	9.05	8.9 - 9.1		0.739	0.900	
24	113942	24.00	23.9 - 24.1		0.788	0.900	
25	15142	25.00	24.9 - 25.1		0.786	0.900	
26	17810	26.00	25.9 - 26.1		0.783	0.900	
59	182360	59.00	58.9 - 59.1		0.740	0.900	
113	26165	113.00	112.9 - 113.1		0.690	0.900	
115	327055	115.00	114.9 - 115.1		0.721	0.900	
206	64982	206.00	205.9 - 206.1		0.775	0.900	
207	58083	206.95	206.9 - 207.1		0.741	0.900	
208	139348	207.95	207.9 - 208.1		0.797	0.900	
220	2	219.90	-				

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	8.8	V	Deflect	13.4	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12228	2.47	
89	2620	2.66	
205	17230	2.19	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12576	11813	12323	12388	12037
89	2704	2526	2613	2668	2586
205	17617	16630	17305	17446	17154

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	8.8	V	Deflect	2.4	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	180	V			

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.02	0.35	1.67	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
ArSenic	75-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.03	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.02	-0.03	0.00	N/A	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	0.01	0.03	-0.03	0.00	N/A	ppb
Boron	10-1	-0.22	0.07	0.14	0.00	N/A	ppb
Cadmium	106-1	0.29	-0.56	0.27	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.04	0.00	0.00	N/A	ppb
Calcium	43-1	10.18	-4.31	-5.87	0.00	N/A	ppb
Calcium	44-1	1.06	-0.91	-0.15	0.00	N/A	ppb
Chromium	52-2	0.00	0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.11	-0.13	0.02	0.00	N/A	ppb
Iron	57-2	-0.09	-0.38	0.47	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
MagneSium	24-2	-1.47	1.45	0.02	0.00	N/A	ppb
ManganeSe	55-2	0.13	-0.09	-0.04	0.00	N/A	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	0.10	0.00	N/A	ppb
PhoSphoruS	31-2	-0.26	0.00	-18.38	-6.21		ppb
PotaSSium	39-2	11.37	-10.28	-1.09	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	0.50	-1.09	0.59	0.00	N/A	ppb
Selenium	82-1	0.64	-0.03	-0.61	0.00	N/A	ppb
Silicon	28-1	-1.11	0.03	1.08	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	-6.27	1.77	4.50	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-180.12	-332.16	-115.63	-209.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	0.00	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

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

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.34	18.14	13.16	16.88	19.39	ppb
Antimony	121-1	1.88	1.93	2.04	1.95	4.02	ppb
ArSenic	75-2	0.94	0.94	0.74	0.87	13.52	ppb
Barium	135-1	9.09	8.93	9.64	9.22	4.02	ppb
Barium	137-1	9.20	8.98	9.75	9.31	4.30	ppb
Beryllium	9-1	0.85	0.71	0.93	0.83	13.27	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	22.15	22.21	24.17	22.84	5.04	ppb
Boron	10-1	19.69	20.99	22.19	20.96	5.97	ppb
Cadmium	106-1	0.35	0.93	1.20	0.83	52.30	ppb
Cadmium	108-1	1.08	0.93	1.12	1.05	9.58	ppb
Cadmium	111-1	0.94	0.94	1.06	0.98	6.99	ppb
Calcium	43-1	448.53	455.99	491.28	465.27	4.91	ppb
Calcium	44-1	445.16	440.48	491.19	458.94	6.11	ppb
Chromium	52-2	1.88	1.78	1.76	1.81	3.45	ppb
Cobalt	59-2	0.93	0.90	0.88	0.90	2.51	ppb
Copper	63-2	1.88	2.01	2.00	1.96	3.56	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	43.00	42.11	42.11	42.40	1.21	ppb
Iron	57-2	42.61	42.94	44.37	43.31	2.15	ppb
Lead	206-1	0.98	1.01	1.15	1.05	8.85	ppb
Lead	207-1	0.99	1.00	1.09	1.03	5.38	ppb
Lead	208-1	1.04	1.02	1.13	1.07	5.18	ppb
Lithium	6-1						%
MagneSium	24-2	411.28	430.48	413.53	418.43	2.51	ppb
ManganeSe	55-2	1.06	0.88	1.02	0.99	9.64	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.22	4.25	4.52	4.33	3.77	ppb
Molybdenum	94-1	2.00	1.88	2.01	1.96	3.59	ppb
Molybdenum	95-1	4.35	4.15	4.41	4.30	3.13	ppb
Molybdenum	96-1	3.56	3.67	3.96	3.73	5.56	ppb
Molybdenum	97-1	4.29	4.09	4.67	4.35	6.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	0.90	0.88	1.00	18.52	ppb
PhoSphoruS	31-2	0.07	36.96	-18.38	6.21	453.42	ppb
PotaSSium	39-2	417.79	427.74	415.97	420.50	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.89	0.00	0.00	1.63	173.21	ppb
Selenium	78-2	-0.28	2.95	3.72	2.13	99.63	ppb
Selenium	82-1	3.55	4.21	5.18	4.31	18.95	ppb
Silicon	28-1	12.49	10.94	25.58	16.34	49.23	ppb
Silver	109-1	1.32	1.25	1.36	1.31	4.22	ppb
Silver	107-1	1.31	1.28	1.39	1.33	4.22	ppb
Sodium	23-2	406.74	413.35	401.96	407.35	1.40	ppb
Strontium	86-1	0.92	0.84	1.06	0.94	12.05	ppb
Strontium	88-1	0.92	0.91	1.01	0.95	5.49	ppb
Sulfur	34-1	-331.70	-258.82	1218.43	209.31	417.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	0.93	1.02	0.97	4.37	ppb
Thallium	205-1	0.91	0.93	0.96	0.93	2.68	ppb
Tin	118-1	4.55	4.61	4.87	4.68	3.68	ppb
Titanium	47-1	3.98	4.57	4.67	4.41	8.39	ppb
Uranium	238-1	0.81	0.83	0.89	0.84	5.13	ppb
Vanadium	51-2	4.54	4.37	4.62	4.51	2.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.11	1.91	2.14	2.05	6.04	ppb
Zirconium	90-1	0.86	0.82	0.95	0.87	7.60	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.87	0.90	0.86	5.52	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	882.65	952.89	985.60	940.38	5.59	ppb
Antimony	121-1	53.03	52.99	53.55	53.19	0.59	ppb
ArSenic	75-2	50.70	52.90	51.20	51.60	2.24	ppb
Barium	135-1	257.67	259.95	260.03	259.22	0.52	ppb
Barium	137-1	258.12	260.06	257.13	258.44	0.58	ppb
Beryllium	9-1	53.21	52.11	52.51	52.61	1.06	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	46.91	50.93	51.97	49.94	5.35	ppb
Boron	10-1	48.07	49.20	52.33	49.87	4.43	ppb
Cadmium	106-1	54.71	54.68	53.27	54.22	1.52	ppb
Cadmium	108-1	50.64	54.72	52.12	52.49	3.94	ppb
Cadmium	111-1	54.64	54.61	54.38	54.54	0.26	ppb
Calcium	43-1	4985.35	5069.42	5023.41	5026.06	0.84	ppb
Calcium	44-1	5087.21	5094.61	5110.88	5097.56	0.24	ppb
Chromium	52-2	56.28	57.68	58.02	57.32	1.61	ppb
Cobalt	59-2	50.49	52.97	52.75	52.07	2.63	ppb
Copper	63-2	102.27	106.37	106.46	105.03	2.28	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	2505.64	2598.87	2600.40	2568.30	2.11	ppb
Iron	57-2	2431.16	2569.16	2559.50	2519.94	3.06	ppb
Lead	206-1	48.95	48.86	49.73	49.18	0.97	ppb
Lead	207-1	48.26	48.87	49.61	48.91	1.38	ppb
Lead	208-1	48.83	49.08	49.46	49.12	0.64	ppb
Lithium	6-1						%
MagneSium	24-2	4676.85	4922.10	4921.70	4840.22	2.92	ppb
ManganeSe	55-2	105.48	108.71	110.54	108.25	2.37	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.28	48.80	48.77	48.61	0.60	ppb
Molybdenum	94-1	49.60	48.97	49.10	49.22	0.67	ppb
Molybdenum	95-1	48.60	48.32	48.97	48.63	0.67	ppb
Molybdenum	96-1	48.57	48.36	49.01	48.65	0.68	ppb
Molybdenum	97-1	49.24	49.02	49.28	49.18	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.68	57.71	56.85	56.08	3.79	ppb
Phosphorus	31-2	994.15	1124.93	1120.27	1079.78	6.87	ppb
Potassium	39-2	2458.00	2536.67	2545.70	2513.46	1.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	63.48	35.13	45.97	48.19	29.68	ppb
Selenium	78-2	57.26	59.72	48.08	55.02	11.15	ppb
Selenium	82-1	52.70	49.99	50.26	50.98	2.93	ppb
Silicon	28-1	65.36	70.75	67.97	68.03	3.96	ppb
Silver	109-1	55.19	55.15	54.84	55.06	0.34	ppb
Silver	107-1	54.97	54.85	54.73	54.85	0.22	ppb
Sodium	23-2	4690.43	4880.08	4872.71	4814.41	2.23	ppb
Strontium	86-1	49.35	49.35	48.93	49.21	0.49	ppb
Strontium	88-1	50.30	50.01	49.90	50.07	0.41	ppb
Sulfur	34-1	1136.33	1305.19	1249.30	1230.27	6.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.91	49.64	50.44	50.00	0.82	ppb
Thallium	205-1	50.14	49.76	50.30	50.07	0.55	ppb
Tin	118-1	51.78	51.88	52.68	52.11	0.95	ppb
Titanium	47-1	50.04	48.83	50.15	49.67	1.48	ppb
Uranium	238-1	46.57	46.40	46.23	46.40	0.36	ppb
Vanadium	51-2	51.05	52.96	51.24	51.75	2.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.87	108.01	109.38	108.42	0.77	ppb
Zirconium	90-1	49.17	49.33	49.15	49.21	0.20	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.04	48.53	48.07	48.55	1.00	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2389.93	2352.74	2532.69	2425.12	3.92	ppb
Antimony	121-1	130.97	131.61	130.68	131.09	0.36	ppb
ArSenic	75-2	126.87	131.58	137.25	131.90	3.94	ppb
Barium	135-1	641.49	647.78	631.87	640.38	1.25	ppb
Barium	137-1	651.72	654.93	638.09	648.25	1.38	ppb
Beryllium	9-1	131.63	132.63	130.49	131.59	0.81	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	121.85	123.23	127.18	124.09	2.23	ppb
Boron	10-1	119.09	127.81	122.80	123.23	3.55	ppb
Cadmium	106-1	132.16	132.47	133.91	132.85	0.70	ppb
Cadmium	108-1	137.89	134.57	136.84	136.43	1.24	ppb
Cadmium	111-1	133.01	134.12	134.06	133.73	0.47	ppb
Calcium	43-1	12564.74	12633.76	12547.95	12582.15	0.36	ppb
Calcium	44-1	12590.03	12684.16	12460.63	12578.28	0.89	ppb
Chromium	52-2	140.50	143.86	152.45	145.61	4.23	ppb
Cobalt	59-2	128.38	132.97	138.31	133.22	3.73	ppb
Copper	63-2	255.47	264.67	275.35	265.16	3.75	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	6292.86	6526.05	6834.55	6551.15	4.15	ppb
Iron	57-2	6191.32	6430.40	6584.64	6402.12	3.10	ppb
Lead	206-1	124.68	123.30	125.27	124.42	0.81	ppb
Lead	207-1	121.92	121.52	124.09	122.51	1.13	ppb
Lead	208-1	123.80	122.96	125.08	123.95	0.86	ppb
Lithium	6-1						%
MagneSium	24-2	12006.54	12237.21	12905.65	12383.13	3.77	ppb
ManganeSe	55-2	262.98	272.18	286.65	273.94	4.35	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	122.46	121.72	122.42	122.20	0.34	ppb
Molybdenum	94-1	123.83	123.61	124.06	123.83	0.18	ppb
Molybdenum	95-1	123.70	122.42	122.00	122.71	0.72	ppb
Molybdenum	96-1	122.19	121.69	121.92	121.93	0.20	ppb
Molybdenum	97-1	123.83	122.31	122.60	122.92	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.70	142.86	151.67	145.08	4.00	ppb
Phosphorus	31-2	2346.31	2568.77	2474.08	2463.05	4.53	ppb
Potassium	39-2	6342.15	6430.74	6821.22	6531.37	3.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	114.09	130.16	137.41	127.22	9.38	ppb
Selenium	78-2	151.21	152.61	145.39	149.74	2.56	ppb
Selenium	82-1	128.05	127.27	127.86	127.73	0.32	ppb
Silicon	28-1	128.30	132.41	134.11	131.60	2.27	ppb
Silver	109-1	134.52	136.16	135.09	135.25	0.62	ppb
Silver	107-1	134.64	134.90	133.57	134.37	0.52	ppb
Sodium	23-2	11890.78	12286.30	12826.98	12334.69	3.81	ppb
Strontium	86-1	125.30	123.01	122.22	123.51	1.29	ppb
Strontium	88-1	126.84	124.92	124.06	125.27	1.14	ppb
Sulfur	34-1	3186.28	3199.07	2676.82	3020.72	9.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	125.06	125.00	126.84	125.63	0.83	ppb
Thallium	205-1	129.08	126.63	128.65	128.12	1.02	ppb
Tin	118-1	128.16	128.49	127.48	128.04	0.40	ppb
Titanium	47-1	128.46	121.94	124.51	124.97	2.63	ppb
Uranium	238-1	118.62	118.89	120.67	119.40	0.93	ppb
Vanadium	51-2	129.20	134.29	140.36	134.62	4.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.25	271.13	290.83	273.73	5.83	ppb
Zirconium	90-1	125.95	124.25	124.22	124.80	0.79	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.85	122.63	122.97	122.82	0.14	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4672.22	4613.19	4726.99	4670.80	1.22	ppb
Antimony	121-1	258.34	265.96	257.16	260.49	1.83	ppb
ArSenic	75-2	253.00	252.49	249.41	251.63	0.77	ppb
Barium	135-1	1263.44	1301.51	1272.59	1279.18	1.55	ppb
Barium	137-1	1242.89	1306.33	1262.85	1270.69	2.55	ppb
Beryllium	9-1	253.22	261.33	258.07	257.54	1.58	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	242.98	254.73	253.90	250.54	2.62	ppb
Boron	10-1	238.36	252.84	248.53	246.57	3.02	ppb
Cadmium	106-1	259.87	267.04	265.85	264.25	1.45	ppb
Cadmium	108-1	255.83	270.81	263.61	263.42	2.84	ppb
Cadmium	111-1	256.79	266.48	258.56	260.61	1.98	ppb
Calcium	43-1	24714.57	25758.32	25369.61	25280.83	2.09	ppb
Calcium	44-1	24674.89	25501.32	25145.69	25107.30	1.65	ppb
Chromium	52-2	272.62	273.91	273.52	273.35	0.24	ppb
Cobalt	59-2	249.32	252.08	252.19	251.20	0.65	ppb
Copper	63-2	498.49	501.33	499.55	499.79	0.29	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	12118.53	12168.96	12118.69	12135.39	0.24	ppb
Iron	57-2	12019.31	12203.43	12133.08	12118.61	0.77	ppb
Lead	206-1	242.95	251.17	250.25	248.13	1.81	ppb
Lead	207-1	239.72	247.34	247.78	244.95	1.85	ppb
Lead	208-1	246.43	254.60	253.40	251.48	1.75	ppb
Lithium	6-1						%
MagneSium	24-2	23521.51	23593.98	23684.72	23600.07	0.35	ppb
ManganeSe	55-2	510.55	511.84	509.70	510.70	0.21	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	246.52	262.62	252.86	254.00	3.19	ppb
Molybdenum	94-1	247.36	259.50	252.59	253.15	2.41	ppb
Molybdenum	95-1	238.92	250.49	244.87	244.76	2.36	ppb
Molybdenum	96-1	238.47	254.12	251.49	248.03	3.38	ppb
Molybdenum	97-1	240.27	250.09	249.00	246.45	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.76	270.21	266.40	268.13	0.72	ppb
PhoSphoruS	31-2	4849.01	5520.28	5209.74	5193.01	6.47	ppb
PotaSSium	39-2	12186.46	12101.34	12101.17	12129.66	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	294.74	275.66	263.33	277.91	5.69	ppb
Selenium	78-2	295.73	290.05	257.77	281.18	7.28	ppb
Selenium	82-1	248.58	259.76	256.03	254.79	2.23	ppb
Silicon	28-1	263.43	275.90	265.42	268.25	2.50	ppb
Silver	109-1	264.08	275.18	266.79	268.69	2.15	ppb
Silver	107-1	268.15	277.36	270.24	271.92	1.78	ppb
Sodium	23-2	23839.73	24014.65	23929.67	23928.02	0.37	ppb
Strontium	86-1	240.43	250.71	244.92	245.35	2.10	ppb
Strontium	88-1	243.35	256.41	248.18	249.31	2.65	ppb
Sulfur	34-1	5806.56	6610.91	6174.99	6197.49	6.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	248.41	256.12	254.73	253.09	1.62	ppb
Thallium	205-1	247.76	259.05	256.32	254.38	2.32	ppb
Tin	118-1	254.21	264.53	252.38	257.04	2.55	ppb
Titanium	47-1	245.73	256.83	249.68	250.74	2.24	ppb
Uranium	238-1	237.78	244.74	240.76	241.09	1.45	ppb
Vanadium	51-2	250.88	255.08	253.84	253.27	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	510.77	513.31	512.26	512.11	0.25	ppb
Zirconium	90-1	242.92	255.31	249.12	249.12	2.49	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	242.39	251.83	246.49	246.90	1.92	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:18:45	DataFile Name :	009CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9585.32	9404.84	9533.50	9507.89	0.98	ppb
Antimony	121-1	497.98	505.72	497.06	500.25	0.95	ppb
ArSenic	75-2	502.98	504.49	509.51	505.66	0.68	ppb
Barium	135-1	2449.18	2488.21	2457.53	2464.97	0.83	ppb
Barium	137-1	2442.16	2500.04	2444.41	2462.21	1.33	ppb
Beryllium	9-1	501.24	510.85	497.35	503.15	1.38	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	480.20	494.33	491.91	488.81	1.55	ppb
Boron	10-1	485.29	492.91	483.92	487.37	0.99	ppb
Cadmium	106-1	500.26	499.47	509.57	503.10	1.12	ppb
Cadmium	108-1	497.75	508.57	505.67	504.00	1.11	ppb
Cadmium	111-1	495.05	502.72	504.80	500.86	1.02	ppb
Calcium	43-1	49247.93	50313.26	49742.55	49767.91	1.07	ppb
Calcium	44-1	49153.05	49799.88	49022.00	49324.98	0.84	ppb
Chromium	52-2	555.08	547.71	550.03	550.94	0.68	ppb
Cobalt	59-2	513.26	505.44	500.06	506.25	1.31	ppb
Copper	63-2	1037.90	1007.57	1015.53	1020.34	1.54	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24732.38	24651.74	24178.76	24520.96	1.22	ppb
Iron	57-2	24723.40	24318.52	24466.89	24502.94	0.84	ppb
Lead	206-1	503.49	505.62	492.78	500.63	1.37	ppb
Lead	207-1	497.89	510.34	498.70	502.31	1.39	ppb
Lead	208-1	496.45	506.63	493.51	498.86	1.38	ppb
Lithium	6-1						%
MagneSium	24-2	49286.77	48692.68	49359.31	49112.92	0.74	ppb
ManganeSe	55-2	1035.26	1031.49	1026.05	1030.93	0.45	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:18:45	DataFile Name :	009CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	499.03	510.90	499.41	503.11	1.34	ppb
Molybdenum	94-1	491.41	499.44	494.09	494.98	0.83	ppb
Molybdenum	95-1	501.09	506.05	500.27	502.47	0.62	ppb
Molybdenum	96-1	496.38	507.21	494.55	499.38	1.37	ppb
Molybdenum	97-1	487.18	498.49	487.04	490.90	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.46	543.53	544.74	546.24	0.68	ppb
Phosphorus	31-2	10406.33	10002.58	9969.40	10126.10	2.40	ppb
Potassium	39-2	24440.01	23822.28	24149.67	24137.32	1.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	582.47	531.76	537.73	550.66	5.03	ppb
Selenium	78-2	480.54	533.68	549.27	521.16	6.91	ppb
Selenium	82-1	490.32	509.10	502.86	500.76	1.91	ppb
Silicon	28-1	512.87	524.19	516.02	517.69	1.13	ppb
Silver	109-1	507.83	515.27	511.15	511.41	0.73	ppb
Silver	107-1	501.77	512.47	515.18	509.81	1.39	ppb
Sodium	23-2	49071.33	47647.66	48283.23	48334.08	1.48	ppb
Strontium	86-1	480.55	493.50	484.94	486.33	1.35	ppb
Strontium	88-1	481.65	494.30	485.96	487.31	1.32	ppb
Sulfur	34-1	11305.30	11838.32	11078.44	11407.35	3.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	493.25	506.79	495.87	498.64	1.44	ppb
Thallium	205-1	494.46	500.80	491.75	495.67	0.94	ppb
Tin	118-1	488.92	503.95	491.08	494.65	1.64	ppb
Titanium	47-1	487.68	496.40	491.08	491.72	0.89	ppb
Uranium	238-1	478.88	486.19	478.16	481.08	0.92	ppb
Vanadium	51-2	516.21	507.80	509.56	511.19	0.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1043.32	1021.36	1021.19	1028.62	1.24	ppb
Zirconium	90-1	484.51	494.58	487.03	488.71	1.07	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:18:45	DataFile Name :	009CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.13	500.45	489.71	490.76	1.88	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18673.29	18193.76	18605.73	18490.93	1.40	ppb
Antimony	121-1	1052.28	974.74	961.98	996.33	4.91	ppb
ArSenic	75-2	1004.01	1001.60	981.84	995.82	1.22	ppb
Barium	135-1	5321.58	4853.42	4848.51	5007.84	5.43	ppb
Barium	137-1	5308.75	4884.12	4838.32	5010.40	5.18	ppb
Beryllium	9-1	1044.37	952.24	990.15	995.59	4.65	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	1039.75	978.43	998.71	1005.63	3.11	ppb
Boron	10-1	1037.79	981.84	1002.86	1007.50	2.81	ppb
Cadmium	106-1	1049.79	969.68	961.62	993.69	4.91	ppb
Cadmium	108-1	1051.13	971.74	956.41	993.09	5.12	ppb
Cadmium	111-1	1052.47	965.68	968.65	995.60	4.95	ppb
Calcium	43-1	107606.18	99130.29	98956.88	101897.78	4.85	ppb
Calcium	44-1	107041.36	98333.29	97996.01	101123.55	5.07	ppb
Chromium	52-2	970.57	945.86	980.83	965.75	1.86	ppb
Cobalt	59-2	1017.45	976.86	992.03	995.45	2.06	ppb
Copper	63-2	2018.48	1961.19	1983.55	1987.74	1.45	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48404.60	46947.86	47722.53	47691.66	1.53	ppb
Iron	57-2	48483.04	46883.71	47570.96	47645.90	1.68	ppb
Lead	206-1	1051.08	976.02	973.70	1000.27	4.40	ppb
Lead	207-1	1063.63	972.37	965.41	1000.47	5.48	ppb
Lead	208-1	1057.62	973.71	969.79	1000.37	4.96	ppb
Lithium	6-1						%
MagneSium	24-2	96809.90	93606.04	95264.72	95226.89	1.68	ppb
ManganeSe	55-2	2010.41	1948.11	1976.84	1978.46	1.58	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1043.16	972.92	977.52	997.87	3.94	ppb
Molybdenum	94-1	1043.29	989.73	972.75	1001.92	3.67	ppb
Molybdenum	95-1	1049.12	976.86	975.32	1000.43	4.22	ppb
Molybdenum	96-1	1054.13	978.54	971.12	1001.26	4.59	ppb
Molybdenum	97-1	1047.62	992.11	977.49	1005.74	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.55	953.63	968.42	969.53	1.70	ppb
Phosphorus	31-2	19548.50	19760.84	20358.64	19889.32	2.11	ppb
Potassium	39-2	47386.80	46552.50	46714.39	46884.56	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	994.53	966.68	941.36	967.52	2.75	ppb
Selenium	78-2	968.22	1011.35	955.31	978.29	3.00	ppb
Selenium	82-1	1048.64	974.15	971.31	998.04	4.39	ppb
Silicon	28-1	1055.50	947.41	951.49	984.80	6.22	ppb
Silver	109-1	1040.40	960.63	963.23	988.09	4.59	ppb
Silver	107-1	1045.65	960.00	958.95	988.20	5.03	ppb
Sodium	23-2	95844.68	92516.28	94549.31	94303.43	1.78	ppb
Strontium	86-1	1055.51	983.68	985.48	1008.22	4.06	ppb
Strontium	88-1	1058.90	984.64	975.91	1006.48	4.53	ppb
Sulfur	34-1	21095.21	17683.80	17982.04	18920.35	9.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1059.33	969.64	970.52	999.83	5.15	ppb
Thallium	205-1	1057.81	973.46	970.77	1000.68	4.95	ppb
Tin	118-1	1058.32	969.65	973.33	1000.43	5.01	ppb
Titanium	47-1	1062.05	976.09	973.79	1003.98	5.01	ppb
Uranium	238-1	1067.54	982.99	987.17	1012.57	4.71	ppb
Vanadium	51-2	1005.56	979.50	991.84	992.30	1.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2013.77	1945.63	1978.42	1979.27	1.72	ppb
Zirconium	90-1	1052.99	979.59	985.21	1005.93	4.06	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1050.19	988.65	978.38	1005.74	3.86	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94946.72	95616.36	110546.78	100369.95	8.79	ppb
Antimony	121-1	2.13	2.09	2.14	2.12	1.31	ppb
ArSenic	75-2	0.29	0.26	0.17	0.24	27.59	ppb
Barium	135-1	1.35	1.33	1.41	1.36	3.00	ppb
Barium	137-1	1.62	1.44	1.69	1.58	8.02	ppb
Beryllium	9-1	0.32	0.35	0.25	0.31	16.47	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	36.65	32.71	30.90	33.42	8.80	ppb
Boron	10-1	35.70	32.55	28.15	32.13	11.80	ppb
Cadmium	106-1	-0.08	-0.48	-0.16	-0.24		ppb
Cadmium	108-1	0.07	0.15	0.07	0.10	49.00	ppb
Cadmium	111-1	0.11	0.07	0.08	0.09	21.06	ppb
Calcium	43-1	505266.90	499122.79	494492.30	499627.33	1.08	ppb
Calcium	44-1	506555.23	499870.34	493078.04	499834.54	1.35	ppb
Chromium	52-2	6.05	6.20	7.43	6.56	11.58	ppb
Cobalt	59-2	1.11	1.23	1.30	1.22	7.90	ppb
Copper	63-2	3.04	2.95	3.43	3.14	8.17	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	237301.45	238225.77	276031.55	250519.59	8.82	ppb
Iron	57-2	237954.64	237742.15	275909.99	250535.59	8.77	ppb
Lead	206-1	1.57	1.56	1.48	1.54	3.34	ppb
Lead	207-1	1.45	1.42	1.47	1.44	1.80	ppb
Lead	208-1	1.49	1.49	1.45	1.48	1.59	ppb
Lithium	6-1						%
MagneSium	24-2	476804.59	475761.01	550788.19	501117.93	8.58	ppb
ManganeSe	55-2	6.01	6.23	7.82	6.69	14.80	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CAL5_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.34	1.32	1.31	1.32	1.05	ppb
Molybdenum	94-1	0.57	0.55	0.52	0.55	4.19	ppb
Molybdenum	95-1	1.47	1.35	1.29	1.37	6.91	ppb
Molybdenum	96-1	1.63	1.65	1.58	1.62	2.27	ppb
Molybdenum	97-1	1.34	1.36	1.49	1.40	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.87	2.98	3.50	3.12	10.71	ppb
Phosphorus	31-2	1.75	1.75	4.93	2.81	65.42	ppb
Potassium	39-2	236561.50	237728.93	277872.16	250720.86	9.38	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	-0.21	0.68	-1.09	-0.20		ppb
Selenium	82-1	-0.10	0.21	0.40	0.17	146.13	ppb
Silicon	28-1	5.19	5.19	2.62	4.34	34.18	ppb
Silver	109-1	0.08	0.09	0.10	0.09	11.55	ppb
Silver	107-1	0.10	0.10	0.10	0.10	2.64	ppb
Sodium	23-2	475374.58	478724.80	549997.38	501365.59	8.41	ppb
Strontium	86-1	33.86	33.43	33.41	33.57	0.76	ppb
Strontium	88-1	34.64	33.92	34.09	34.22	1.10	ppb
Sulfur	34-1	300.69	187.69	53.13	180.50	68.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.39	0.33	0.30	0.34	13.36	ppb
Thallium	205-1	0.36	0.34	0.35	0.35	2.71	ppb
Tin	118-1	0.68	0.68	0.64	0.67	4.05	ppb
Titanium	47-1	0.66	0.59	0.57	0.61	7.75	ppb
Uranium	238-1	0.08	0.07	0.08	0.08	5.77	ppb
Vanadium	51-2	0.22	0.17	0.26	0.22	20.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.91	6.64	8.91	7.49	16.58	ppb
Zirconium	90-1	0.17	0.17	0.16	0.17	5.90	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CALS_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.10	0.14	0.13	23.47	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.99	517.34	484.67	494.33	4.05	ppb
Antimony	121-1	199.15	197.18	198.44	198.26	0.50	ppb
ArSenic	75-2	194.47	196.30	197.40	196.05	0.75	ppb
Barium	135-1	97.39	98.36	97.41	97.72	0.57	ppb
Barium	137-1	97.44	97.80	96.46	97.23	0.71	ppb
Beryllium	9-1	97.83	96.11	98.04	97.33	1.09	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	618.84	627.10	630.81	625.58	0.98	ppb
Boron	10-1	622.52	615.71	625.02	621.08	0.78	ppb
Cadmium	106-1	159.31	163.66	167.98	163.65	2.65	ppb
Cadmium	108-1	136.97	138.69	135.54	137.07	1.15	ppb
Cadmium	111-1	102.90	103.73	103.78	103.47	0.48	ppb
Calcium	43-1	2036.25	2093.53	2222.33	2117.37	4.50	ppb
Calcium	44-1	2057.60	2076.80	2075.01	2069.81	0.51	ppb
Chromium	52-2	92.89	94.01	96.52	94.47	1.97	ppb
Cobalt	59-2	99.04	98.30	100.86	99.40	1.32	ppb
Copper	63-2	97.65	98.23	101.55	99.14	2.12	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	929.25	937.34	952.01	939.53	1.23	ppb
Iron	57-2	924.83	945.95	930.87	933.88	1.17	ppb
Lead	206-1	192.95	195.68	198.23	195.62	1.35	ppb
Lead	207-1	183.45	186.48	186.66	185.53	0.97	ppb
Lead	208-1	191.51	194.46	195.08	193.68	0.98	ppb
Lithium	6-1						%
MagneSium	24-2	1082.55	1114.19	1120.26	1105.66	1.83	ppb
ManganeSe	55-2	96.90	99.14	100.98	99.01	2.06	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	520.37	523.06	524.33	522.58	0.39	ppb
Molybdenum	94-1	513.83	520.69	519.48	518.00	0.71	ppb
Molybdenum	95-1	521.03	530.98	524.20	525.40	0.97	ppb
Molybdenum	96-1	518.31	526.34	525.70	523.45	0.85	ppb
Molybdenum	97-1	513.65	518.79	522.58	518.34	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.52	99.57	101.69	100.26	1.23	ppb
PhoSphoruS	31-2	36.50	-18.38	0.64	6.25	445.66	ppb
PotaSSium	39-2	1850.83	1911.33	1889.01	1883.72	1.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	237.37	187.16	198.13	207.55	12.72	ppb
Selenium	78-2	196.71	202.91	192.84	197.49	2.57	ppb
Selenium	82-1	196.46	195.99	196.07	196.17	0.13	ppb
Silicon	28-1	507.03	507.97	507.78	507.59	0.10	ppb
Silver	109-1	102.52	102.88	101.18	102.19	0.88	ppb
Silver	107-1	102.30	102.34	101.57	102.07	0.42	ppb
Sodium	23-2	1862.39	1862.63	1898.97	1874.66	1.12	ppb
Strontium	86-1	523.93	521.59	529.82	525.11	0.81	ppb
Strontium	88-1	526.82	526.02	525.66	526.17	0.11	ppb
Sulfur	34-1	-1138.42	-1148.12	-1133.05	-1139.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	195.46	199.65	200.10	198.41	1.29	ppb
Thallium	205-1	200.35	203.39	206.11	203.28	1.42	ppb
Tin	118-1	544.61	543.44	544.35	544.13	0.11	ppb
Titanium	47-1	523.08	523.70	521.25	522.68	0.24	ppb
Uranium	238-1	522.35	529.33	533.45	528.38	1.06	ppb
Vanadium	51-2	97.59	99.06	100.67	99.11	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	194.67	201.76	209.46	201.96	3.66	ppb
Zirconium	90-1	511.15	514.35	514.57	513.36	0.37	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.26	519.65	512.31	516.74	0.75	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.96	-2.00	3.96	0.00	247690.30	ppb
Antimony	121-1	0.16	0.14	0.14	0.15	6.59	ppb
ArSenic	75-2	-0.04	0.03	0.11	0.03	221.95	ppb
Barium	135-1	0.00	0.01	0.01	0.01	154.90	ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.10	0.09	0.12	0.11	13.57	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	11.58	10.52	10.22	10.78	6.63	ppb
Boron	10-1	12.43	12.01	11.98	12.14	2.09	ppb
Cadmium	106-1	-0.54	-1.68	0.12	-0.70		ppb
Cadmium	108-1	0.07	-0.04	0.01	0.01	503.53	ppb
Cadmium	111-1	-0.05	-0.13	0.00	-0.06		ppb
Calcium	43-1	-12.36	-11.74	-23.39	-15.83		ppb
Calcium	44-1	0.04	0.46	0.13	0.21	104.10	ppb
Chromium	52-2	0.01	-0.04	-0.19	-0.08		ppb
Cobalt	59-2	-0.02	0.00	0.03	0.00	614.77	ppb
Copper	63-2	0.00	0.01	0.02	0.01	89.45	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.03	0.17	0.46	0.22	100.47	ppb
Iron	57-2	0.53	0.74	1.44	0.90	53.27	ppb
Lead	206-1	0.06	0.04	0.04	0.05	25.63	ppb
Lead	207-1	0.05	0.04	0.02	0.04	42.20	ppb
Lead	208-1	0.05	0.05	0.03	0.04	21.33	ppb
Lithium	6-1						%
MagneSium	24-2	-1.62	0.11	0.34	-0.39		ppb
ManganeSe	55-2	0.08	0.03	-0.02	0.03	162.37	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.24	0.19	0.20	0.21	12.58	ppb
Molybdenum	94-1	0.13	0.12	0.11	0.12	10.77	ppb
Molybdenum	95-1	0.26	0.20	0.16	0.21	24.99	ppb
Molybdenum	96-1	0.23	0.20	0.17	0.20	15.70	ppb
Molybdenum	97-1	0.28	0.21	0.18	0.23	22.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	-0.05	-0.07		ppb
PhoSphoruS	31-2	-18.38	-18.38	37.28	0.17	18865.37	ppb
PotaSSium	39-2	-0.28	-2.53	-2.69	-1.83		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	0.58	0.57	-1.09	0.02	4900.77	ppb
Selenium	82-1	-0.44	-0.23	-0.37	-0.35		ppb
Silicon	28-1	-7.89	-10.98	-10.82	-9.90		ppb
Silver	109-1	0.03	0.03	0.02	0.02	33.55	ppb
Silver	107-1	0.03	0.02	0.02	0.02	28.96	ppb
Sodium	23-2	37.20	25.47	32.33	31.66	18.61	ppb
Strontium	86-1	-0.03	0.00	-0.04	-0.03		ppb
Strontium	88-1	0.05	0.04	0.03	0.04	27.10	ppb
Sulfur	34-1	-892.65	-1221.37	-1016.15	-1043.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.05	0.04	21.35	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.29	ppb
Tin	118-1	0.43	0.38	0.33	0.38	14.03	ppb
Titanium	47-1	0.08	0.04	0.06	0.06	37.99	ppb
Uranium	238-1	0.05	0.03	0.03	0.04	26.36	ppb
Vanadium	51-2	0.00	-0.01	0.02	0.00	734.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	-0.10	-0.02	-0.04		ppb
Zirconium	90-1	0.07	0.05	0.04	0.06	24.99	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.02	0.05	0.04	49.74	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88125.35	87756.87	84345.95	86742.72	2.40	ppb
Antimony	121-1	1.14	1.14	1.15	1.14	0.35	ppb
ArSenic	75-2	0.34	0.19	0.29	0.27	27.56	ppb
Barium	135-1	1.43	1.34	1.51	1.43	6.13	ppb
Barium	137-1	1.33	1.47	1.31	1.37	6.03	ppb
Beryllium	9-1	0.29	0.33	0.33	0.32	6.26	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	11.76	11.21	10.97	11.31	3.57	ppb
Boron	10-1	12.00	11.15	10.31	11.15	7.59	ppb
Cadmium	106-1	-1.21	0.29	0.14	-0.26		ppb
Cadmium	108-1	7.63	7.50	6.37	7.17	9.65	ppb
Cadmium	111-1	0.11	0.23	0.29	0.21	43.43	ppb
Calcium	43-1	96112.35	97112.78	95714.43	96313.19	0.75	ppb
Calcium	44-1	94649.68	98084.74	94906.15	95880.19	2.00	ppb
Chromium	52-2	22.80	22.84	22.15	22.60	1.72	ppb
Cobalt	59-2	1.18	1.19	1.15	1.17	2.01	ppb
Copper	63-2	7.95	7.68	7.70	7.78	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	94958.86	93751.53	91963.01	93557.80	1.61	ppb
Iron	57-2	95371.81	93675.03	92346.19	93797.68	1.62	ppb
Lead	206-1	4.55	4.55	4.43	4.51	1.60	ppb
Lead	207-1	4.05	3.85	3.70	3.87	4.50	ppb
Lead	208-1	4.19	4.18	4.04	4.13	2.03	ppb
Lithium	6-1						%
MagneSium	24-2	95276.62	95723.04	93225.89	94741.85	1.41	ppb
ManganeSe	55-2	8.23	7.68	8.13	8.02	3.65	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1845.96	1856.63	1819.30	1840.63	1.04	ppb
Molybdenum	94-1	560.66	569.04	556.31	562.01	1.15	ppb
Molybdenum	95-1	1827.72	1846.47	1790.09	1821.43	1.58	ppb
Molybdenum	96-1	1528.20	1533.70	1497.75	1519.88	1.27	ppb
Molybdenum	97-1	1836.41	1829.29	1806.00	1823.90	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.38	7.81	7.46	7.55	3.03	ppb
PhoSphoruS	31-2	98089.17	99166.53	97726.36	98327.35	0.76	ppb
PotaSSium	39-2	94847.61	94787.49	91910.43	93848.51	1.79	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	0.64	-1.09	1.52	0.36	372.32	ppb
Selenium	82-1	-0.17	-0.57	0.27	-0.15		ppb
Silicon	28-1	26.97	29.40	25.61	27.33	7.02	ppb
Silver	109-1	0.14	0.17	0.18	0.16	15.08	ppb
Silver	107-1	0.12	0.17	0.19	0.16	20.51	ppb
Sodium	23-2	94259.69	94716.98	90957.79	93311.49	2.20	ppb
Strontium	86-1	31.93	31.64	30.96	31.51	1.58	ppb
Strontium	88-1	32.75	33.15	32.24	32.72	1.40	ppb
Sulfur	34-1	84478.08	85744.48	84420.94	84881.17	0.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.10	0.09	0.10	5.39	ppb
Thallium	205-1	0.08	0.10	0.07	0.08	14.48	ppb
Tin	118-1	0.26	0.28	0.25	0.26	5.64	ppb
Titanium	47-1	1861.58	1911.84	1859.31	1877.58	1.58	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	130.37	ppb
Vanadium	51-2	0.17	0.22	0.21	0.20	14.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.05	11.45	10.65	11.05	3.59	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	12.32	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.03	0.06	33.29	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84869.45	82884.27	85068.96	84274.23	1.43	ppb
Antimony	121-1	19.98	20.20	20.25	20.14	0.71	ppb
ArSenic	75-2	19.42	19.85	19.07	19.45	2.00	ppb
Barium	135-1	20.09	20.81	20.56	20.49	1.77	ppb
Barium	137-1	20.20	20.48	20.77	20.49	1.40	ppb
Beryllium	9-1	20.01	19.94	20.23	20.06	0.75	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	9.25	9.75	8.85	9.28	4.84	ppb
Boron	10-1	10.21	7.91	9.26	9.13	12.70	ppb
Cadmium	106-1	14.36	15.20	15.06	14.88	3.02	ppb
Cadmium	108-1	24.53	24.22	23.71	24.15	1.72	ppb
Cadmium	111-1	18.89	19.03	18.98	18.97	0.36	ppb
Calcium	43-1	98027.15	96197.74	97493.72	97239.54	0.97	ppb
Calcium	44-1	97346.07	94802.82	95470.33	95873.07	1.38	ppb
Chromium	52-2	40.08	40.37	41.16	40.54	1.38	ppb
Cobalt	59-2	21.14	20.62	20.55	20.77	1.55	ppb
Copper	63-2	27.43	26.88	27.39	27.23	1.13	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	92343.68	89734.40	91893.72	91323.93	1.53	ppb
Iron	57-2	92623.38	89364.59	91427.29	91138.42	1.81	ppb
Lead	206-1	24.29	24.06	24.75	24.37	1.45	ppb
Lead	207-1	22.17	21.88	22.57	22.20	1.56	ppb
Lead	208-1	22.98	22.78	23.34	23.03	1.25	ppb
Lithium	6-1						%
MagneSium	24-2	92128.12	90361.58	93038.65	91842.78	1.48	ppb
ManganeSe	55-2	27.56	26.39	28.51	27.48	3.86	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1842.45	1793.00	1837.11	1824.19	1.49	ppb
Molybdenum	94-1	569.27	561.38	563.11	564.58	0.73	ppb
Molybdenum	95-1	1832.25	1790.46	1815.07	1812.59	1.16	ppb
Molybdenum	96-1	1515.77	1502.75	1520.40	1512.98	0.61	ppb
Molybdenum	97-1	1824.18	1792.43	1801.70	1806.10	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.24	26.88	26.95	27.02	0.69	ppb
PhoSphoruS	31-2	96158.24	95009.66	96897.71	96021.87	0.99	ppb
PotaSSium	39-2	93333.91	91650.94	93541.69	92842.18	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	35.89	41.30	20.62	32.60	32.90	ppb
Selenium	78-2	16.78	15.19	23.72	18.57	24.44	ppb
Selenium	82-1	19.51	20.26	19.96	19.91	1.90	ppb
Silicon	28-1	32.23	28.35	28.59	29.73	7.32	ppb
Silver	109-1	18.65	18.60	18.70	18.65	0.28	ppb
Silver	107-1	18.49	19.00	18.76	18.75	1.34	ppb
Sodium	23-2	90440.45	88617.79	91042.18	90033.47	1.40	ppb
Strontium	86-1	31.92	31.38	31.86	31.72	0.93	ppb
Strontium	88-1	32.36	32.20	32.67	32.41	0.73	ppb
Sulfur	34-1	85468.40	83991.25	83595.53	84351.73	1.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.80	19.79	20.29	19.96	1.44	ppb
Thallium	205-1	19.89	19.89	20.32	20.03	1.24	ppb
Tin	118-1	0.20	0.71	0.24	0.38	73.17	ppb
Titanium	47-1	1902.07	1885.59	1870.21	1885.96	0.84	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	469.72	ppb
Vanadium	51-2	20.22	20.70	20.40	20.44	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.33	30.82	32.64	31.26	3.90	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.47	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	-0.01	0.02	0.01	151.50	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46905.89	51854.06	47576.73	48778.90	5.50	ppb
Antimony	121-1	517.47	509.01	501.64	509.37	1.55	ppb
ArSenic	75-2	491.15	554.93	506.52	517.53	6.43	ppb
Barium	135-1	2576.85	2522.05	2508.08	2535.66	1.43	ppb
Barium	137-1	2557.22	2525.06	2497.24	2526.51	1.19	ppb
Beryllium	9-1	522.03	517.27	501.40	513.57	2.10	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	505.92	511.29	503.55	506.92	0.78	ppb
Boron	10-1	505.32	510.18	506.13	507.21	0.51	ppb
Cadmium	106-1	498.52	508.00	498.14	501.56	1.11	ppb
Cadmium	108-1	504.37	506.95	500.50	503.94	0.64	ppb
Cadmium	111-1	502.72	495.76	489.66	496.05	1.32	ppb
Calcium	43-1	250807.91	248991.02	245117.94	248305.63	1.17	ppb
Calcium	44-1	251762.68	248754.42	246081.14	248866.08	1.14	ppb
Chromium	52-2	485.72	541.89	491.69	506.44	6.09	ppb
Cobalt	59-2	486.68	535.66	493.80	505.38	5.24	ppb
Copper	63-2	960.28	1061.01	988.98	1003.42	5.17	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	114945.86	127193.31	117390.48	119843.22	5.41	ppb
Iron	57-2	117604.42	127561.99	119205.06	121457.15	4.40	ppb
Lead	206-1	527.70	525.51	511.65	521.62	1.67	ppb
Lead	207-1	523.65	521.38	514.27	519.77	0.94	ppb
Lead	208-1	524.05	521.20	512.51	519.25	1.16	ppb
Lithium	6-1						%
MagneSium	24-2	231705.51	255570.74	236461.14	241245.79	5.24	ppb
ManganeSe	55-2	1007.27	1111.07	1027.21	1048.52	5.25	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	507.58	505.45	501.33	504.79	0.63	ppb
Molybdenum	94-1	512.02	507.24	500.21	506.49	1.17	ppb
Molybdenum	95-1	503.76	506.92	508.04	506.24	0.44	ppb
Molybdenum	96-1	510.56	511.70	502.22	508.16	1.02	ppb
Molybdenum	97-1	498.13	494.01	486.61	492.91	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.76	527.86	491.02	499.21	5.12	ppb
PhoSphoruS	31-2	10161.39	11502.63	10447.60	10703.88	6.60	ppb
PotaSSium	39-2	118468.31	128479.62	120838.15	122595.36	4.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	443.26	520.37	509.01	490.88	8.48	ppb
Selenium	78-2	492.99	563.09	509.23	521.77	7.03	ppb
Selenium	82-1	499.50	502.97	493.19	498.56	0.99	ppb
Silicon	28-1	511.13	494.14	481.02	495.43	3.05	ppb
Silver	109-1	513.98	503.61	499.68	505.76	1.46	ppb
Silver	107-1	509.82	508.23	499.94	506.00	1.05	ppb
Sodium	23-2	229196.32	253730.36	233624.46	238850.38	5.47	ppb
Strontium	86-1	517.93	518.15	506.03	514.04	1.35	ppb
Strontium	88-1	515.65	519.43	507.09	514.06	1.23	ppb
Sulfur	34-1	11538.88	11452.86	10831.45	11274.40	3.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	524.11	522.04	514.32	520.16	0.99	ppb
Thallium	205-1	519.87	520.30	508.25	516.14	1.32	ppb
Tin	118-1	511.64	496.71	496.13	501.50	1.75	ppb
Titanium	47-1	506.10	501.92	495.29	501.10	1.09	ppb
Uranium	238-1	519.99	511.03	509.89	513.63	1.08	ppb
Vanadium	51-2	506.22	565.75	518.36	530.11	5.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	956.42	1063.52	977.38	999.11	5.68	ppb
Zirconium	90-1	508.20	507.78	494.31	503.43	1.57	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.15	510.25	499.41	506.27	1.18	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	-0.60	-1.93	-0.67		ppb
Antimony	121-1	0.28	0.24	0.23	0.25	11.80	ppb
ArSenic	75-2	-0.04	-0.06	0.02	-0.03		ppb
Barium	135-1	0.08	0.00	-0.02	0.02	248.71	ppb
Barium	137-1	0.05	-0.01	-0.02	0.01	711.61	ppb
Beryllium	9-1	0.13	0.12	0.12	0.12	8.15	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	16.33	14.92	13.62	14.96	9.05	ppb
Boron	10-1	15.90	13.98	14.09	14.66	7.36	ppb
Cadmium	106-1	-0.55	-1.71	-2.43	-1.56		ppb
Cadmium	108-1	-0.07	-0.07	-0.02	-0.05		ppb
Cadmium	111-1	-0.02	-0.13	-0.16	-0.10		ppb
Calcium	43-1	-5.12	-6.59	-12.78	-8.16		ppb
Calcium	44-1	11.32	3.63	1.90	5.61	89.34	ppb
Chromium	52-2	-0.19	-0.10	-0.13	-0.14		ppb
Cobalt	59-2	-0.01	0.00	-0.03	-0.01		ppb
Copper	63-2	0.10	0.11	0.06	0.09	27.92	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.28	3.19	2.35	2.61	19.37	ppb
Iron	57-2	-0.19	0.81	3.30	1.30	137.91	ppb
Lead	206-1	0.07	0.05	0.06	0.06	18.06	ppb
Lead	207-1	0.05	0.04	0.06	0.05	25.27	ppb
Lead	208-1	0.06	0.05	0.07	0.06	12.09	ppb
Lithium	6-1						%
MagneSium	24-2	1.85	1.83	-0.20	1.16	101.59	ppb
ManganeSe	55-2	0.04	-0.09	0.01	-0.01		ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.39	0.34	0.33	0.35	9.16	ppb
Molybdenum	94-1	0.17	0.13	0.14	0.15	11.48	ppb
Molybdenum	95-1	0.37	0.34	0.34	0.35	4.46	ppb
Molybdenum	96-1	0.36	0.30	0.33	0.33	9.67	ppb
Molybdenum	97-1	0.37	0.39	0.36	0.37	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.13	0.12	0.12	5.73	ppb
PhoSphoruS	31-2	0.80	21.97	1.22	8.00	151.35	ppb
PotaSSium	39-2	9.06	36.05	21.23	22.11	61.14	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	-0.25	-0.20	-1.09	-0.51		ppb
Selenium	82-1	-0.43	-0.05	0.02	-0.15		ppb
Silicon	28-1	-10.27	-10.57	-10.95	-10.60		ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.77	ppb
Silver	107-1	0.05	0.04	0.05	0.05	7.26	ppb
Sodium	23-2	76.51	95.67	83.28	85.15	11.41	ppb
Strontium	86-1	-0.01	0.02	0.00	0.00	740.20	ppb
Strontium	88-1	0.02	0.00	0.00	0.01	100.29	ppb
Sulfur	34-1	-992.18	-1009.60	-1060.11	-1020.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.12	0.10	0.12	18.40	ppb
Thallium	205-1	0.15	0.12	0.10	0.13	19.06	ppb
Tin	118-1	0.18	0.13	0.15	0.15	15.87	ppb
Titanium	47-1	0.04	0.02	0.00	0.02	90.03	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.11	0.23	0.14	51.63	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	24.52	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.01	0.02	87.55	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:56:50	DataFile Name :	020SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.86	16.45	16.55	18.95	22.41	ppb
Antimony	121-1	2.04	1.97	1.88	1.96	4.04	ppb
ArSenic	75-2	1.01	0.92	1.07	1.00	7.21	ppb
Barium	135-1	9.02	8.55	8.69	8.76	2.73	ppb
Barium	137-1	8.80	8.78	8.86	8.81	0.48	ppb
Beryllium	9-1	1.00	0.91	1.00	0.97	5.12	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	31.10	29.96	29.05	30.04	3.43	ppb
Boron	10-1	29.89	31.37	31.14	30.80	2.59	ppb
Cadmium	106-1	-0.75	-1.28	0.67	-0.45		ppb
Cadmium	108-1	0.97	1.06	0.68	0.90	21.79	ppb
Cadmium	111-1	0.83	0.86	0.90	0.86	3.65	ppb
Calcium	43-1	448.93	452.92	443.03	448.29	1.11	ppb
Calcium	44-1	446.16	462.42	447.12	451.90	2.02	ppb
Chromium	52-2	1.77	1.76	1.75	1.76	0.51	ppb
Cobalt	59-2	0.88	1.01	0.94	0.94	7.15	ppb
Copper	63-2	2.06	2.22	2.14	2.14	3.69	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	46.33	46.17	45.20	45.90	1.34	ppb
Iron	57-2	46.93	46.50	43.78	45.74	3.74	ppb
Lead	206-1	0.99	1.02	1.01	1.01	1.46	ppb
Lead	207-1	0.96	1.00	0.97	0.98	2.09	ppb
Lead	208-1	1.01	1.03	0.98	1.00	2.51	ppb
Lithium	6-1						%
MagneSium	24-2	425.99	428.62	428.68	427.76	0.36	ppb
ManganeSe	55-2	0.85	0.86	1.16	0.96	18.32	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:56:50	DataFile Name :	020SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.58	4.54	4.34	4.49	2.93	ppb
Molybdenum	94-1	1.96	2.01	1.97	1.98	1.36	ppb
Molybdenum	95-1	4.50	4.50	4.37	4.45	1.72	ppb
Molybdenum	96-1	3.80	3.83	3.69	3.77	1.95	ppb
Molybdenum	97-1	4.37	4.30	4.31	4.33	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.09	0.94	1.02	7.41	ppb
PhoSphoruS	31-2	-18.38	-18.38	20.03	-5.58		ppb
PotaSSium	39-2	440.79	430.77	456.74	442.77	2.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.10	5.06	10.26	8.48	34.87	ppb
Selenium	78-2	2.26	4.80	4.87	3.98	37.36	ppb
Selenium	82-1	4.39	4.19	4.44	4.34	2.97	ppb
Silicon	28-1	2.38	2.52	1.46	2.12	27.21	ppb
Silver	109-1	1.28	1.27	1.25	1.27	1.00	ppb
Silver	107-1	1.25	1.30	1.28	1.28	2.07	ppb
Sodium	23-2	463.11	483.19	468.71	471.67	2.20	ppb
Strontium	86-1	0.88	0.87	0.87	0.87	1.11	ppb
Strontium	88-1	0.91	0.95	0.92	0.93	2.41	ppb
Sulfur	34-1	-897.65	-600.61	-1012.70	-836.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.91	0.94	0.93	1.60	ppb
Thallium	205-1	0.95	0.96	0.96	0.96	0.97	ppb
Tin	118-1	4.58	4.55	4.58	4.57	0.40	ppb
Titanium	47-1	4.58	4.49	4.34	4.47	2.72	ppb
Uranium	238-1	0.83	0.84	0.85	0.84	1.36	ppb
Vanadium	51-2	4.30	4.29	4.51	4.37	2.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.32	2.02	2.11	2.15	7.30	ppb
Zirconium	90-1	0.92	0.87	0.88	0.89	3.02	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:56:50	DataFile Name :	020SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.87	0.97	0.90	6.52	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : PB102405BL Instrumnet Name : P8
 Client Sample ID : PB102405BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 13:59:58 DataFile Name : 021CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	0.55	-0.72	-0.26		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	22.88	ppb
ArSenic	75-2	0.02	0.00	-0.06	-0.01		ppb
Barium	135-1	-0.01	-0.03	0.00	-0.01		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	67.79	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	8.53	7.77	7.74	8.01	5.58	ppb
Boron	10-1	9.29	7.03	7.23	7.85	15.93	ppb
Cadmium	106-1	-0.98	-0.53	-1.11	-0.88		ppb
Cadmium	108-1	-0.04	-0.04	-0.13	-0.07		ppb
Cadmium	111-1	-0.09	-0.05	-0.09	-0.07		ppb
Calcium	43-1	-2.16	-5.01	-6.16	-4.44		ppb
Calcium	44-1	1.66	-2.92	3.44	0.73	450.12	ppb
Chromium	52-2	-0.49	-0.44	-0.45	-0.46		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.04	0.05	0.01	0.03	54.95	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	-0.19	-0.75	-0.26	-0.40		ppb
Iron	57-2	-2.30	-2.38	-0.93	-1.87		ppb
Lead	206-1	0.05	0.05	0.02	0.04	50.57	ppb
Lead	207-1	0.03	0.03	0.02	0.03	22.95	ppb
Lead	208-1	0.04	0.03	0.02	0.03	32.78	ppb
Lithium	6-1						%
MagneSium	24-2	-0.51	-0.78	-0.60	-0.63		ppb
ManganeSe	55-2	0.13	-0.03	-0.05	0.01	665.79	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BL	Instrumnet Name :	P8
Client Sample ID :	PB102405BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:59:58	DataFile Name :	021CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.06	0.06	0.07	23.51	ppb
Molybdenum	94-1	0.03	0.04	0.04	0.03	13.24	ppb
Molybdenum	95-1	0.09	0.11	0.09	0.10	14.90	ppb
Molybdenum	96-1	0.07	0.07	0.05	0.06	15.68	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.31	0.21	0.24	27.32	ppb
PhoSphoruS	31-2	62.24	1.02	20.07	27.78	112.79	ppb
PotaSSium	39-2	23.23	1.57	16.30	13.70	80.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.12	0.00	1.71	173.21	ppb
Selenium	78-2	0.66	-0.24	-1.09	-0.22		ppb
Selenium	82-1	0.70	-0.40	0.40	0.23	244.44	ppb
Silicon	28-1	-9.49	-11.33	-9.44	-10.09		ppb
Silver	109-1	0.01	0.03	0.03	0.02	39.23	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.82	ppb
Sodium	23-2	32.07	24.83	23.18	26.69	17.71	ppb
Strontium	86-1	-0.02	-0.03	0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-419.68	-539.14	-408.59	-455.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	4.51	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	13.92	ppb
Tin	118-1	0.06	0.03	0.05	0.05	22.72	ppb
Titanium	47-1	0.01	-0.02	0.04	0.01	427.39	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	58.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	0.12	0.39	0.16	142.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.72	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BL	Instrumnet Name :	P8
Client Sample ID :	PB102405BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:59:58	DataFile Name :	021CCBE_P8092117-MS

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

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9461.20	9329.50	9351.14	9380.61	0.75	ppb
Antimony	121-1	506.85	500.37	502.00	503.08	0.67	ppb
ArSenic	75-2	506.81	511.13	516.89	511.61	0.99	ppb
Barium	135-1	2507.75	2469.18	2481.95	2486.29	0.79	ppb
Barium	137-1	2478.58	2470.24	2475.17	2474.66	0.17	ppb
Beryllium	9-1	509.59	503.29	508.12	507.00	0.65	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	477.23	481.44	494.56	484.41	1.87	ppb
Boron	10-1	473.14	480.59	496.67	483.46	2.49	ppb
Cadmium	106-1	505.89	510.37	504.83	507.03	0.58	ppb
Cadmium	108-1	509.85	511.21	500.65	507.24	1.13	ppb
Cadmium	111-1	505.77	506.60	503.93	505.43	0.27	ppb
Calcium	43-1	50109.79	50559.28	50747.38	50472.15	0.65	ppb
Calcium	44-1	50367.11	50236.93	50555.39	50386.48	0.32	ppb
Chromium	52-2	548.78	541.38	540.96	543.71	0.81	ppb
Cobalt	59-2	502.16	496.62	493.91	497.56	0.85	ppb
Copper	63-2	1029.60	997.23	1015.30	1014.04	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	24865.98	24220.85	24286.43	24457.75	1.45	ppb
Iron	57-2	24470.58	24076.76	23936.44	24161.26	1.15	ppb
Lead	206-1	502.97	506.07	509.90	506.31	0.69	ppb
Lead	207-1	508.87	505.92	510.14	508.31	0.43	ppb
Lead	208-1	505.62	504.67	509.30	506.53	0.48	ppb
Lithium	6-1						%
MagneSium	24-2	49052.06	48586.32	48803.89	48814.09	0.48	ppb
ManganeSe	55-2	1028.14	1021.75	1011.48	1020.46	0.82	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	498.96	501.57	507.99	502.84	0.92	ppb
Molybdenum	94-1	492.40	500.50	511.02	501.31	1.86	ppb
Molybdenum	95-1	503.37	504.83	514.77	507.66	1.22	ppb
Molybdenum	96-1	495.77	506.66	502.59	501.67	1.10	ppb
Molybdenum	97-1	486.17	492.41	498.67	492.42	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.71	532.10	533.32	534.04	0.45	ppb
PhoSphoruS	31-2	10455.30	9608.80	9543.52	9869.21	5.15	ppb
PotaSSium	39-2	24176.45	23908.99	23650.49	23911.98	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	502.19	528.22	484.27	504.89	4.38	ppb
Selenium	78-2	524.57	529.87	549.81	534.75	2.49	ppb
Selenium	82-1	502.02	507.46	510.65	506.71	0.86	ppb
Silicon	28-1	476.62	493.93	494.69	488.41	2.09	ppb
Silver	109-1	514.88	516.90	512.42	514.74	0.44	ppb
Silver	107-1	520.71	523.15	514.03	519.30	0.91	ppb
Sodium	23-2	48489.85	47607.47	47175.88	47757.73	1.40	ppb
Strontium	86-1	481.89	483.90	496.32	487.37	1.60	ppb
Strontium	88-1	491.93	490.68	497.72	493.45	0.76	ppb
Sulfur	34-1	11785.48	11713.42	11662.65	11720.52	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.24	507.79	510.98	509.00	0.34	ppb
Thallium	205-1	499.19	503.50	503.00	501.90	0.47	ppb
Tin	118-1	499.28	503.03	499.95	500.75	0.40	ppb
Titanium	47-1	493.65	495.25	502.52	497.14	0.95	ppb
Uranium	238-1	486.73	481.81	490.21	486.25	0.87	ppb
Vanadium	51-2	515.34	502.39	507.04	508.26	1.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1015.43	1004.73	1006.10	1008.75	0.58	ppb
Zirconium	90-1	491.27	494.67	500.45	495.46	0.94	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.82	492.11	503.52	496.82	1.20	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	267.61	302.03	324.15	297.93	9.56	ppb
Antimony	121-1	2.57	2.37	2.35	2.43	4.87	ppb
ArSenic	75-2	10.23	11.51	10.59	10.78	6.11	ppb
Barium	135-1	25.42	25.50	24.50	25.14	2.20	ppb
Barium	137-1	25.17	25.57	25.31	25.35	0.79	ppb
Beryllium	9-1	0.14	0.22	0.26	0.21	28.38	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2896.75	2916.52	2925.29	2912.86	0.50	ppb
Boron	10-1	2711.20	2706.43	2732.06	2716.56	0.50	ppb
Cadmium	106-1	-0.64	-0.80	-0.98	-0.81		ppb
Cadmium	108-1	0.30	0.23	0.12	0.22	40.97	ppb
Cadmium	111-1	0.06	0.02	0.02	0.03	65.62	ppb
Calcium	43-1	237746.39	246957.07	244260.79	242988.08	1.95	ppb
Calcium	44-1	241053.23	248606.23	242803.21	244154.22	1.62	ppb
Chromium	52-2	0.61	0.62	0.55	0.59	7.24	ppb
Cobalt	59-2	0.10	0.09	0.10	0.09	5.15	ppb
Copper	63-2	3.15	3.45	3.36	3.32	4.65	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	136.23	141.57	142.85	140.21	2.50	ppb
Iron	57-2	140.64	142.03	157.78	146.81	6.49	ppb
Lead	206-1	0.82	0.86	0.82	0.83	2.62	ppb
Lead	207-1	0.83	0.81	0.69	0.78	9.63	ppb
Lead	208-1	0.84	0.82	0.78	0.81	3.87	ppb
Lithium	6-1						%
MagneSium	24-2	671390.55	691051.17	691985.90	684809.20	1.70	ppb
ManganeSe	55-2	46.10	48.58	47.05	47.24	2.65	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.83	9.93	9.57	9.78	1.90	ppb
Molybdenum	94-1	3.19	3.16	3.14	3.16	0.72	ppb
Molybdenum	95-1	9.51	9.98	9.51	9.67	2.81	ppb
Molybdenum	96-1	8.02	8.29	7.90	8.07	2.45	ppb
Molybdenum	97-1	9.92	10.23	10.11	10.08	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	0.99	1.10	1.11	11.82	ppb
PhoSphoruS	31-2	511.36	325.95	396.69	411.34	22.75	ppb
PotaSSium	39-2	222948.51	225336.44	227802.17	225362.37	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	12.30	0.00	4.10	173.21	ppb
Selenium	78-2	-0.10	-0.07	5.06	1.63	182.44	ppb
Selenium	82-1	-5.81	-5.76	-1.64	-4.40		ppb
Silicon	28-1	2787.38	2962.96	2817.08	2855.81	3.29	ppb
Silver	109-1	1.98	1.54	1.35	1.62	20.07	ppb
Silver	107-1	1.82	1.54	1.39	1.58	14.00	ppb
Sodium	23-2	5661288.94	5788891.95	5769336.38	5739839.09	1.20	ppb
Strontium	86-1	4282.51	4418.69	4296.25	4332.48	1.73	ppb
Strontium	88-1	4333.29	4472.54	4341.10	4382.31	1.79	ppb
Sulfur	34-1	485932.58	502643.74	488713.52	492429.94	1.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.30	0.14	0.08	0.17	67.62	ppb
Thallium	205-1	0.31	0.12	0.07	0.16	78.55	ppb
Tin	118-1	4.55	4.30	4.44	4.43	2.86	ppb
Titanium	47-1	10.67	11.46	10.37	10.83	5.22	ppb
Uranium	238-1	3.61	3.71	3.62	3.65	1.51	ppb
Vanadium	51-2	16.84	17.51	17.66	17.34	2.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.36	2.35	2.09	2.27	6.78	ppb
Zirconium	90-1	0.31	0.27	0.26	0.28	9.79	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.30	0.22	0.27	16.87	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUP Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUP Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 14:09:15 DataFile Name : 024SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	332.58	334.66	333.90	333.71	0.32	ppb
Antimony	121-1	1.95	2.07	2.08	2.04	3.52	ppb
ArSenic	75-2	11.53	11.17	10.81	11.17	3.23	ppb
Barium	135-1	26.35	27.16	27.19	26.90	1.77	ppb
Barium	137-1	26.67	26.64	27.86	27.06	2.56	ppb
Beryllium	9-1	0.04	0.18	0.10	0.11	66.20	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2963.48	2978.58	3049.46	2997.17	1.53	ppb
Boron	10-1	2769.73	2797.14	2834.07	2800.31	1.15	ppb
Cadmium	106-1	-0.42	0.14	-1.55	-0.61		ppb
Cadmium	108-1	0.12	0.08	0.12	0.10	23.74	ppb
Cadmium	111-1	0.00	0.02	-0.09	-0.02		ppb
Calcium	43-1	252286.90	254101.34	258531.08	254973.11	1.26	ppb
Calcium	44-1	254311.59	252700.93	258612.88	255208.47	1.20	ppb
Chromium	52-2	0.39	0.45	0.39	0.41	8.56	ppb
Cobalt	59-2	0.12	0.12	0.09	0.11	18.51	ppb
Copper	63-2	3.10	3.24	3.00	3.11	4.00	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	147.39	144.09	133.79	141.76	5.01	ppb
Iron	57-2	150.67	141.38	139.74	143.93	4.09	ppb
Lead	206-1	0.49	0.53	0.47	0.49	5.87	ppb
Lead	207-1	0.54	0.48	0.50	0.51	5.59	ppb
Lead	208-1	0.52	0.49	0.50	0.50	2.63	ppb
Lithium	6-1						%
MagneSium	24-2	710201.33	704425.38	657621.53	690749.41	4.17	ppb
ManganeSe	55-2	50.52	50.16	49.19	49.96	1.38	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DUP	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:09:15	DataFile Name :	024SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.71	9.70	10.06	9.82	2.06	ppb
Molybdenum	94-1	3.18	3.19	3.26	3.21	1.36	ppb
Molybdenum	95-1	9.69	9.51	9.54	9.58	1.01	ppb
Molybdenum	96-1	8.20	8.20	8.05	8.15	1.03	ppb
Molybdenum	97-1	9.85	10.15	10.19	10.07	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.71	0.57	0.73	23.89	ppb
PhoSphoruS	31-2	353.42	606.74	309.60	423.25	37.90	ppb
PotaSSium	39-2	239947.92	235972.82	222828.81	232916.52	3.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.78	0.00	17.17	9.65	90.99	ppb
Selenium	78-2	-0.11	-1.09	-0.14	-0.45		ppb
Selenium	82-1	12.75	13.64	14.47	13.62	6.32	ppb
Silicon	28-1	3042.08	3231.01	3021.81	3098.30	3.72	ppb
Silver	109-1	0.81	0.82	0.85	0.82	2.28	ppb
Silver	107-1	0.83	0.86	0.86	0.85	1.98	ppb
Sodium	23-2	6018922.74	5961741.88	5541710.68	5840791.77	4.46	ppb
Strontium	86-1	4452.16	4464.07	4509.91	4475.38	0.68	ppb
Strontium	88-1	4511.56	4523.71	4559.86	4531.71	0.55	ppb
Sulfur	34-1	508601.72	513677.87	519527.90	513935.83	1.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	3.07	ppb
Tin	118-1	4.16	4.31	4.40	4.29	2.82	ppb
Titanium	47-1	11.03	10.65	11.38	11.02	3.32	ppb
Uranium	238-1	3.84	3.82	3.85	3.84	0.46	ppb
Vanadium	51-2	18.98	18.50	16.69	18.06	6.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.56	1.93	1.90	1.80	11.37	ppb
Zirconium	90-1	0.19	0.21	0.18	0.19	8.28	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DUP	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:09:15	DataFile Name :	024SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.23	0.20	0.22	7.06	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.29	47.72	53.28	53.76	11.72	ppb
Antimony	121-1	0.28	0.34	0.30	0.31	8.79	ppb
ArSenic	75-2	1.64	2.09	1.68	1.80	13.74	ppb
Barium	135-1	4.36	4.74	4.67	4.59	4.50	ppb
Barium	137-1	4.53	4.43	4.80	4.59	4.13	ppb
Beryllium	9-1	0.03	-0.03	0.00	0.00		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	514.80	523.85	525.17	521.27	1.08	ppb
Boron	10-1	491.40	492.47	499.31	494.39	0.87	ppb
Cadmium	106-1	-0.17	-0.31	0.76	0.10	597.43	ppb
Cadmium	108-1	-0.07	-0.10	-0.04	-0.07		ppb
Cadmium	111-1	-0.02	-0.03	0.04	0.00		ppb
Calcium	43-1	41608.97	42517.20	42405.77	42177.32	1.17	ppb
Calcium	44-1	41932.79	42460.81	43074.96	42489.52	1.35	ppb
Chromium	52-2	-0.32	-0.31	-0.45	-0.36		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.65	0.57	0.66	0.63	8.08	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	23.83	22.31	23.89	23.34	3.82	ppb
Iron	57-2	27.93	21.66	26.22	25.27	12.83	ppb
Lead	206-1	0.05	0.03	0.04	0.04	22.95	ppb
Lead	207-1	0.07	0.08	0.03	0.06	45.31	ppb
Lead	208-1	0.13	0.05	0.03	0.07	74.27	ppb
Lithium	6-1						%
MagneSium	24-2	123240.76	119877.73	124658.09	122592.20	2.00	ppb
ManganeSe	55-2	8.47	8.29	8.50	8.42	1.39	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.60	1.76	1.64	1.67	5.17	ppb
Molybdenum	94-1	0.56	0.51	0.49	0.52	7.23	ppb
Molybdenum	95-1	1.69	1.62	1.62	1.65	2.15	ppb
Molybdenum	96-1	1.35	1.39	1.40	1.38	1.92	ppb
Molybdenum	97-1	1.68	1.73	1.78	1.73	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	-0.02	0.01	0.03	205.97	ppb
PhoSphoruS	31-2	132.37	116.52	85.04	111.31	21.64	ppb
PotaSSium	39-2	40357.04	39303.81	40935.92	40198.92	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.55	0.00	1.52	173.21	ppb
Selenium	78-2	0.39	1.93	0.44	0.92	94.90	ppb
Selenium	82-1	6.01	4.60	5.65	5.42	13.55	ppb
Silicon	28-1	486.08	485.64	495.28	489.00	1.11	ppb
Silver	109-1	0.21	0.18	0.18	0.19	9.29	ppb
Silver	107-1	0.18	0.20	0.17	0.18	7.53	ppb
Sodium	23-2	1027337.59	1003222.27	1034592.24	1021717.37	1.61	ppb
Strontium	86-1	778.26	783.48	778.45	780.06	0.38	ppb
Strontium	88-1	773.10	771.80	764.89	769.93	0.57	ppb
Sulfur	34-1	84799.35	86922.31	86889.66	86203.77	1.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.68	0.65	0.65	0.66	2.89	ppb
Titanium	47-1	1.78	1.67	1.68	1.71	3.65	ppb
Uranium	238-1	0.58	0.64	0.58	0.60	4.94	ppb
Vanadium	51-2	3.21	3.33	3.28	3.27	1.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.43	0.27	0.33	28.57	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	39.24	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.03	0.01	127.30	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9230.46	9305.47	9107.14	9214.36	1.09	ppb
Antimony	121-1	513.18	522.12	513.49	516.26	0.98	ppb
ArSenic	75-2	497.42	497.86	499.74	498.34	0.25	ppb
Barium	135-1	2563.87	2581.80	2551.31	2565.66	0.60	ppb
Barium	137-1	2513.26	2566.62	2531.19	2537.02	1.07	ppb
Beryllium	9-1	509.31	502.51	498.47	503.43	1.09	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	3377.90	3312.47	3381.92	3357.43	1.16	ppb
Boron	10-1	3131.69	3149.75	3153.23	3144.89	0.37	ppb
Cadmium	106-1	490.29	505.51	496.68	497.49	1.54	ppb
Cadmium	108-1	495.08	505.46	496.59	499.04	1.12	ppb
Cadmium	111-1	485.84	491.61	484.47	487.31	0.78	ppb
Calcium	43-1	288695.04	282011.16	285730.92	285479.04	1.17	ppb
Calcium	44-1	289913.11	283673.37	286635.40	286740.62	1.09	ppb
Chromium	52-2	480.01	489.68	489.61	486.43	1.14	ppb
Cobalt	59-2	459.61	470.24	468.45	466.10	1.22	ppb
Copper	63-2	876.55	896.25	897.57	890.12	1.32	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22328.98	22729.02	22678.32	22578.77	0.96	ppb
Iron	57-2	21982.99	22382.44	22479.01	22281.48	1.18	ppb
Lead	206-1	527.45	531.85	524.05	527.78	0.74	ppb
Lead	207-1	521.88	526.02	529.52	525.80	0.73	ppb
Lead	208-1	526.58	527.87	528.11	527.52	0.16	ppb
Lithium	6-1						%
MagneSium	24-2	700525.73	703337.72	705625.59	703163.01	0.36	ppb
ManganeSe	55-2	1025.67	1043.27	1040.21	1036.38	0.91	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	493.35	492.45	492.50	492.76	0.10	ppb
Molybdenum	94-1	482.33	478.57	479.30	480.06	0.42	ppb
Molybdenum	95-1	498.58	491.07	494.58	494.74	0.76	ppb
Molybdenum	96-1	498.50	484.99	487.82	490.43	1.45	ppb
Molybdenum	97-1	481.78	477.79	479.11	479.56	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.21	456.70	459.61	455.84	0.94	ppb
PhoSphoruS	31-2	393.72	343.64	335.46	357.61	8.82	ppb
PotaSSium	39-2	237822.21	242749.01	243638.79	241403.34	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	513.67	513.06	463.31	496.68	5.82	ppb
Selenium	78-2	551.15	510.77	560.90	540.94	4.91	ppb
Selenium	82-1	475.28	479.13	472.71	475.71	0.68	ppb
Silicon	28-1	3774.13	3765.42	3735.03	3758.20	0.55	ppb
Silver	109-1	521.28	525.13	522.08	522.83	0.39	ppb
Silver	107-1	526.35	534.22	527.31	529.29	0.81	ppb
Sodium	23-2	5529866.56	5642103.18	5662747.02	5611572.25	1.27	ppb
Strontium	86-1	4686.78	4600.29	4624.25	4637.11	0.96	ppb
Strontium	88-1	4730.55	4719.92	4708.89	4719.79	0.23	ppb
Sulfur	34-1	473993.60	465836.58	469406.43	469745.54	0.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	550.76	549.20	554.35	551.43	0.48	ppb
Thallium	205-1	540.37	542.74	547.85	543.66	0.70	ppb
Tin	118-1	493.51	499.10	493.90	495.50	0.63	ppb
Titanium	47-1	489.03	494.81	493.83	492.56	0.63	ppb
Uranium	238-1	502.77	505.04	501.07	502.96	0.40	ppb
Vanadium	51-2	513.04	522.23	522.68	519.32	1.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	864.83	871.08	888.03	874.65	1.37	ppb
Zirconium	90-1	474.44	464.36	468.11	468.97	1.09	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	469.31	461.88	463.41	464.86	0.84	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01MSD Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DMSD Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 14:18:31 DataFile Name : 027SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9151.74	9248.28	9275.15	9225.06	0.70	ppb
Antimony	121-1	520.23	681.16	541.91	581.10	15.03	ppb
ArSenic	75-2	506.03	502.63	500.01	502.89	0.60	ppb
Barium	135-1	2582.95	3359.77	2714.47	2885.73	14.41	ppb
Barium	137-1	2558.49	3330.00	2670.76	2853.08	14.61	ppb
Beryllium	9-1	505.59	632.17	526.55	554.77	12.23	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	3379.70	4273.38	3585.60	3746.23	12.49	ppb
Boron	10-1	3171.56	3962.21	3364.69	3499.48	11.78	ppb
Cadmium	106-1	493.39	644.20	532.82	556.80	14.05	ppb
Cadmium	108-1	486.25	642.88	522.37	550.50	14.90	ppb
Cadmium	111-1	488.15	634.85	516.65	546.55	14.23	ppb
Calcium	43-1	292424.98	384035.02	310279.01	328913.00	14.77	ppb
Calcium	44-1	293623.49	380402.36	311402.74	328476.19	13.96	ppb
Chromium	52-2	494.24	486.78	491.20	490.74	0.76	ppb
Cobalt	59-2	476.68	467.50	473.46	472.55	0.99	ppb
Copper	63-2	909.55	894.59	895.37	899.84	0.94	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22968.58	22578.62	22784.78	22777.33	0.86	ppb
Iron	57-2	22635.23	22308.38	22565.25	22502.95	0.76	ppb
Lead	206-1	533.79	690.59	564.12	596.17	13.95	ppb
Lead	207-1	519.74	682.32	555.93	586.00	14.57	ppb
Lead	208-1	524.94	688.21	564.87	592.67	14.36	ppb
Lithium	6-1						%
MagneSium	24-2	721301.74	722586.57	715438.26	719775.52	0.53	ppb
ManganeSe	55-2	1065.94	1051.09	1043.99	1053.68	1.06	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSD	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:18:31	DataFile Name :	027SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	505.65	648.71	534.15	562.84	13.45	ppb
Molybdenum	94-1	489.99	632.35	515.27	545.87	13.91	ppb
Molybdenum	95-1	497.92	645.76	525.71	556.46	14.12	ppb
Molybdenum	96-1	496.25	643.10	521.06	553.47	14.20	ppb
Molybdenum	97-1	481.65	624.16	510.41	538.74	13.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.11	455.07	458.08	459.09	1.00	ppb
PhoSphoruS	31-2	347.60	379.99	445.38	390.99	12.74	ppb
PotaSSium	39-2	250993.35	247841.27	248309.47	249048.03	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	495.78	495.17	470.83	487.26	2.92	ppb
Selenium	78-2	572.94	548.09	553.74	558.25	2.33	ppb
Selenium	82-1	473.57	608.34	500.46	527.46	13.52	ppb
Silicon	28-1	4034.14	5247.73	4245.92	4509.26	14.38	ppb
Silver	109-1	528.05	688.10	554.69	590.28	14.53	ppb
Silver	107-1	532.05	698.01	555.64	595.23	15.08	ppb
Sodium	23-2	5880031.45	5801948.72	5786176.26	5822718.81	0.86	ppb
Strontium	86-1	4799.30	6139.57	5072.89	5337.25	13.27	ppb
Strontium	88-1	4869.25	6182.63	5119.56	5390.48	12.94	ppb
Sulfur	34-1	476001.97	618378.07	506698.92	533692.99	14.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	546.35	724.56	593.81	621.57	14.85	ppb
Thallium	205-1	545.56	712.02	588.85	615.48	14.03	ppb
Tin	118-1	500.42	645.86	524.10	556.79	14.02	ppb
Titanium	47-1	496.21	643.95	532.47	557.54	13.81	ppb
Uranium	238-1	509.94	665.24	545.51	573.56	14.19	ppb
Vanadium	51-2	530.52	524.85	529.19	528.19	0.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	880.68	877.90	862.46	873.68	1.12	ppb
Zirconium	90-1	480.35	615.40	502.55	532.77	13.59	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSD	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:18:31	DataFile Name :	027SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.55	607.52	502.72	530.60	12.71	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	665.86	691.98	639.72	665.85	3.92	ppb
Antimony	121-1	1.79	1.92	1.82	1.84	3.66	ppb
ArSenic	75-2	4.60	4.28	5.05	4.65	8.33	ppb
Barium	135-1	18.93	18.44	17.66	18.34	3.48	ppb
Barium	137-1	19.85	18.33	18.51	18.90	4.39	ppb
Beryllium	9-1	0.29	0.30	0.23	0.27	15.61	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	3042.84	3069.66	3088.97	3067.16	0.76	ppb
Boron	10-1	2870.92	2837.74	2853.25	2853.97	0.58	ppb
Cadmium	106-1	0.94	0.60	0.24	0.60	58.71	ppb
Cadmium	108-1	0.16	0.15	0.20	0.17	13.06	ppb
Cadmium	111-1	0.12	0.07	0.03	0.07	64.28	ppb
Calcium	43-1	265540.86	258786.93	258912.86	261080.22	1.48	ppb
Calcium	44-1	266392.70	257992.22	260294.14	261559.69	1.66	ppb
Chromium	52-2	1.60	1.51	1.83	1.65	9.86	ppb
Cobalt	59-2	0.31	0.37	0.34	0.34	8.50	ppb
Copper	63-2	2.18	2.38	2.25	2.27	4.61	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	787.29	782.72	774.80	781.60	0.81	ppb
Iron	57-2	776.47	800.03	761.30	779.27	2.50	ppb
Lead	206-1	1.22	1.16	1.11	1.16	4.92	ppb
Lead	207-1	1.12	1.03	1.01	1.05	5.46	ppb
Lead	208-1	1.15	1.10	1.07	1.11	3.68	ppb
Lithium	6-1						%
MagneSium	24-2	721078.11	718799.05	712003.05	717293.40	0.66	ppb
ManganeSe	55-2	32.56	33.66	32.16	32.79	2.37	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.92	7.70	7.87	7.83	1.50	ppb
Molybdenum	94-1	2.79	2.77	2.81	2.79	0.84	ppb
Molybdenum	95-1	8.37	7.94	7.72	8.01	4.18	ppb
Molybdenum	96-1	6.85	6.64	6.63	6.71	1.85	ppb
Molybdenum	97-1	8.47	8.12	8.23	8.27	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.07	1.07	1.03	7.35	ppb
PhoSphoruS	31-2	81.76	146.52	163.21	130.50	32.97	ppb
PotaSSium	39-2	244477.75	240697.25	240456.29	241877.09	0.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	11.31	3.77	173.21	ppb
Selenium	78-2	0.74	-0.14	-0.15	0.15	349.47	ppb
Selenium	82-1	9.82	12.77	11.23	11.27	13.08	ppb
Silicon	28-1	3056.81	3032.63	3066.54	3051.99	0.57	ppb
Silver	109-1	0.28	0.26	0.26	0.27	4.84	ppb
Silver	107-1	0.29	0.26	0.30	0.28	6.82	ppb
Sodium	23-2	6114767.58	6087635.72	6079350.79	6093918.03	0.30	ppb
Strontium	86-1	4712.13	4609.55	4664.34	4662.01	1.10	ppb
Strontium	88-1	4768.90	4648.61	4697.71	4705.07	1.29	ppb
Sulfur	34-1	541390.00	525855.11	523973.90	530406.34	1.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.12	0.13	0.16	36.27	ppb
Thallium	205-1	0.18	0.14	0.13	0.15	16.18	ppb
Tin	118-1	8.23	7.91	7.76	7.97	3.00	ppb
Titanium	47-1	37.89	36.97	34.83	36.56	4.29	ppb
Uranium	238-1	3.25	3.09	3.23	3.19	2.83	ppb
Vanadium	51-2	11.56	11.69	10.92	11.39	3.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.32	6.51	6.13	6.32	3.04	ppb
Zirconium	90-1	0.51	0.47	0.45	0.48	6.36	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.46	0.36	0.44	16.93	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46193.97	46961.03	46773.66	46642.89	0.86	ppb
Antimony	121-1	527.49	516.22	542.97	528.89	2.54	ppb
ArSenic	75-2	487.00	481.68	481.12	483.27	0.67	ppb
Barium	135-1	2530.18	2506.99	2637.41	2558.19	2.72	ppb
Barium	137-1	2565.40	2494.43	2602.34	2554.05	2.15	ppb
Beryllium	9-1	499.22	507.02	500.05	502.10	0.85	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	496.13	512.69	511.27	506.69	1.81	ppb
Boron	10-1	496.48	506.48	505.80	502.92	1.11	ppb
Cadmium	106-1	510.42	508.55	527.67	515.54	2.04	ppb
Cadmium	108-1	507.81	503.47	518.99	510.09	1.57	ppb
Cadmium	111-1	498.90	495.00	512.99	502.30	1.88	ppb
Calcium	43-1	246081.35	250033.29	250063.88	248726.17	0.92	ppb
Calcium	44-1	248781.52	249756.40	251422.59	249986.84	0.53	ppb
Chromium	52-2	483.03	484.49	482.79	483.44	0.19	ppb
Cobalt	59-2	478.12	480.22	479.34	479.23	0.22	ppb
Copper	63-2	952.53	958.42	952.05	954.33	0.37	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	113441.47	115778.46	114362.08	114527.33	1.03	ppb
Iron	57-2	114280.84	115226.05	115302.96	114936.61	0.50	ppb
Lead	206-1	525.23	524.55	524.23	524.67	0.10	ppb
Lead	207-1	522.45	521.29	521.97	521.90	0.11	ppb
Lead	208-1	520.06	523.78	518.51	520.78	0.52	ppb
Lithium	6-1						%
MagneSium	24-2	233316.39	233664.63	229547.95	232176.32	0.98	ppb
ManganeSe	55-2	1001.95	1021.11	1006.22	1009.76	1.00	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	497.48	500.27	504.28	500.68	0.68	ppb
Molybdenum	94-1	504.61	501.23	504.18	503.34	0.37	ppb
Molybdenum	95-1	497.68	493.54	508.43	499.88	1.54	ppb
Molybdenum	96-1	496.87	500.36	507.68	501.64	1.10	ppb
Molybdenum	97-1	499.35	485.24	500.54	495.05	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.56	471.40	470.33	469.76	0.42	ppb
PhoSphoruS	31-2	9518.03	10124.84	11139.68	10260.85	7.99	ppb
PotaSSium	39-2	122069.02	121500.57	120667.10	121412.23	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	548.46	574.75	548.72	557.31	2.71	ppb
Selenium	78-2	536.05	513.87	523.71	524.54	2.12	ppb
Selenium	82-1	493.43	485.87	499.68	492.99	1.40	ppb
Silicon	28-1	470.89	473.91	482.91	475.90	1.31	ppb
Silver	109-1	514.66	504.44	525.99	515.03	2.09	ppb
Silver	107-1	511.66	509.70	532.55	517.97	2.45	ppb
Sodium	23-2	232614.88	231362.10	231402.66	231793.21	0.31	ppb
Strontium	86-1	525.27	520.78	528.00	524.68	0.69	ppb
Strontium	88-1	516.26	509.89	520.97	515.70	1.08	ppb
Sulfur	34-1	11402.67	11584.15	11686.60	11557.81	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.77	522.80	515.36	520.31	0.82	ppb
Thallium	205-1	519.78	518.53	510.11	516.14	1.02	ppb
Tin	118-1	517.30	510.83	529.40	519.18	1.82	ppb
Titanium	47-1	489.60	493.25	494.92	492.59	0.55	ppb
Uranium	238-1	501.48	496.85	503.77	500.70	0.70	ppb
Vanadium	51-2	504.61	505.81	504.80	505.07	0.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	929.36	940.44	939.50	936.44	0.66	ppb
Zirconium	90-1	492.36	498.16	503.36	497.96	1.10	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.42	501.11	508.04	503.52	0.78	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.01	-1.12	-2.12	-1.42		ppb
Antimony	121-1	0.06	0.06	0.08	0.07	13.22	ppb
ArSenic	75-2	-0.08	-0.01	0.02	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	13.85	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	21.21	19.68	20.99	20.63	4.02	ppb
Boron	10-1	21.99	18.68	20.22	20.30	8.16	ppb
Cadmium	106-1	-1.29	-0.31	-0.87	-0.82		ppb
Cadmium	108-1	0.00	-0.05	0.06	0.00	1182.30	ppb
Cadmium	111-1	-0.11	-0.04	-0.09	-0.08		ppb
Calcium	43-1	-13.43	-16.03	-13.73	-14.40		ppb
Calcium	44-1	-7.40	-6.36	-4.18	-5.98		ppb
Chromium	52-2	-0.21	-0.35	-0.13	-0.23		ppb
Cobalt	59-2	-0.02	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.05	0.07	0.04	0.05	27.32	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.13	-0.12	0.28	0.01	2045.13	ppb
Iron	57-2	-0.38	-0.92	-0.46	-0.58		ppb
Lead	206-1	0.00	0.00	0.02	0.00	219.31	ppb
Lead	207-1	0.01	0.01	0.02	0.01	35.07	ppb
Lead	208-1	0.00	0.00	0.01	0.00	158.29	ppb
Lithium	6-1						%
MagneSium	24-2	2.06	0.91	3.58	2.18	61.38	ppb
ManganeSe	55-2	-0.12	-0.09	-0.11	-0.10		ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.00	-0.01	0.00	354.55	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	20.72	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	40.16	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	79.57	ppb
Molybdenum	97-1	0.00	0.03	-0.01	0.01	203.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.33	-0.04	-0.19		ppb
PhoSphoruS	31-2	-1.41	-18.38	14.94	-1.62		ppb
PotaSSium	39-2	31.15	29.70	32.45	31.10	4.43	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	-1.09	1.09	0.39	0.13	858.29	ppb
Selenium	82-1	-0.88	0.15	0.03	-0.23		ppb
Silicon	28-1	-23.36	-24.14	-24.79	-24.10		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.08	ppb
Silver	107-1	0.02	0.02	0.03	0.02	29.31	ppb
Sodium	23-2	548.26	529.53	557.86	545.22	2.64	ppb
Strontium	86-1	-0.05	-0.07	-0.06	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1065.94	-1216.14	-1100.35	-1127.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	50.77	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	41.90	ppb
Tin	118-1	0.06	0.10	0.11	0.09	31.94	ppb
Titanium	47-1	0.01	0.00	-0.04	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.06	0.12	0.11	42.50	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.93	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	212.13	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	294.31	236.77	285.03	272.04	11.36	ppb
Antimony	121-1	1.86	1.92	1.83	1.87	2.66	ppb
ArSenic	75-2	5.95	6.10	6.20	6.09	2.07	ppb
Barium	135-1	15.38	15.59	17.78	16.25	8.19	ppb
Barium	137-1	15.21	15.14	15.54	15.30	1.39	ppb
Beryllium	9-1	0.08	0.08	0.06	0.07	15.74	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2865.69	3097.01	2890.96	2951.22	4.30	ppb
Boron	10-1	2684.31	2871.44	2719.33	2758.36	3.61	ppb
Cadmium	106-1	-0.19	0.52	-0.14	0.07	594.42	ppb
Cadmium	108-1	0.10	0.12	0.00	0.07	92.72	ppb
Cadmium	111-1	0.00	0.04	0.01	0.01	152.97	ppb
Calcium	43-1	247469.87	261503.38	260366.23	256446.50	3.04	ppb
Calcium	44-1	247840.42	263611.00	258666.98	256706.13	3.14	ppb
Chromium	52-2	0.53	0.46	0.34	0.44	21.96	ppb
Cobalt	59-2	0.19	0.14	0.16	0.16	14.63	ppb
Copper	63-2	1.92	1.80	1.74	1.82	5.09	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	185.19	177.75	184.82	182.59	2.30	ppb
Iron	57-2	168.70	189.94	188.56	182.40	6.52	ppb
Lead	206-1	0.56	0.53	0.55	0.55	3.13	ppb
Lead	207-1	0.55	0.52	0.47	0.52	7.49	ppb
Lead	208-1	0.53	0.50	0.51	0.52	3.15	ppb
Lithium	6-1						%
MagneSium	24-2	720473.90	699748.25	713087.25	711103.13	1.48	ppb
ManganeSe	55-2	28.19	26.91	30.15	28.41	5.75	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	14.30	14.81	14.50	14.54	1.78	ppb
Molybdenum	94-1	4.71	4.94	4.83	4.83	2.41	ppb
Molybdenum	95-1	14.05	15.40	14.42	14.62	4.75	ppb
Molybdenum	96-1	11.78	12.18	12.30	12.09	2.27	ppb
Molybdenum	97-1	14.52	15.26	14.95	14.91	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.41	0.41	0.44	12.80	ppb
PhoSphoruS	31-2	2.95	42.52	2.10	15.86	145.67	ppb
PotaSSium	39-2	242809.31	241922.89	242510.92	242414.37	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.57	5.62	0.00	5.73	100.97	ppb
Selenium	78-2	-0.13	2.65	1.71	1.41	100.28	ppb
Selenium	82-1	4.96	5.16	6.71	5.61	17.06	ppb
Silicon	28-1	1884.22	2085.34	2565.72	2178.42	16.07	ppb
Silver	109-1	0.75	0.63	0.47	0.62	22.47	ppb
Silver	107-1	0.71	0.63	0.53	0.63	14.18	ppb
Sodium	23-2	6069958.44	5893737.44	6068940.88	6010878.92	1.69	ppb
Strontium	86-1	4435.58	4670.16	4612.07	4572.61	2.67	ppb
Strontium	88-1	4505.81	4763.67	4634.60	4634.69	2.78	ppb
Sulfur	34-1	510582.60	543544.42	541325.05	531817.36	3.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.03	0.05	40.88	ppb
Thallium	205-1	0.06	0.05	0.03	0.05	32.86	ppb
Tin	118-1	4.60	5.15	4.81	4.86	5.69	ppb
Titanium	47-1	10.38	10.95	11.06	10.79	3.37	ppb
Uranium	238-1	4.45	4.59	4.70	4.58	2.64	ppb
Vanadium	51-2	15.10	13.98	14.96	14.68	4.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.18	3.69	3.97	3.94	6.21	ppb
Zirconium	90-1	0.44	0.43	0.38	0.42	7.27	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.36	0.35	0.37	5.07	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	289.43	318.66	352.56	320.22	9.87	ppb
Antimony	121-1	1.98	1.90	2.06	1.98	3.83	ppb
ArSenic	75-2	9.40	8.53	9.46	9.13	5.67	ppb
Barium	135-1	16.90	16.89	17.24	17.01	1.18	ppb
Barium	137-1	16.52	16.97	16.69	16.73	1.36	ppb
Beryllium	9-1	0.07	0.12	0.07	0.09	29.63	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	3038.50	3114.65	3122.93	3092.03	1.51	ppb
Boron	10-1	2861.91	2859.06	2910.20	2877.05	1.00	ppb
Cadmium	106-1	1.03	0.56	1.17	0.92	34.40	ppb
Cadmium	108-1	0.00	0.08	0.17	0.09	100.10	ppb
Cadmium	111-1	0.07	0.05	0.10	0.07	32.91	ppb
Calcium	43-1	259614.76	268771.41	263873.46	264086.54	1.74	ppb
Calcium	44-1	262914.50	266399.21	265044.35	264786.02	0.66	ppb
Chromium	52-2	0.54	0.61	0.55	0.57	6.84	ppb
Cobalt	59-2	0.20	0.16	0.17	0.18	12.15	ppb
Copper	63-2	1.54	1.50	1.52	1.52	1.55	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	289.89	274.34	270.30	278.18	3.72	ppb
Iron	57-2	294.47	273.94	283.54	283.98	3.62	ppb
Lead	206-1	0.61	0.57	0.58	0.59	3.01	ppb
Lead	207-1	0.55	0.51	0.47	0.51	8.63	ppb
Lead	208-1	0.56	0.57	0.54	0.56	2.70	ppb
Lithium	6-1						%
MagneSium	24-2	776601.68	734681.46	721469.14	744250.76	3.87	ppb
ManganeSe	55-2	34.16	31.52	31.36	32.35	4.87	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	14.51	14.49	14.85	14.62	1.41	ppb
Molybdenum	94-1	4.73	4.70	4.75	4.73	0.50	ppb
Molybdenum	95-1	14.79	14.57	14.82	14.73	0.93	ppb
Molybdenum	96-1	12.26	11.94	12.16	12.12	1.35	ppb
Molybdenum	97-1	14.88	15.04	15.34	15.09	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.60	0.55	0.57	4.44	ppb
PhoSphoruS	31-2	93.28	67.26	173.31	111.28	49.67	ppb
PotaSSium	39-2	263542.03	249060.93	245884.21	252829.06	3.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	11.98	0.00	3.99	173.21	ppb
Selenium	78-2	-1.09	-0.10	1.90	0.24	639.54	ppb
Selenium	82-1	10.04	12.80	13.88	12.24	16.17	ppb
Silicon	28-1	2301.67	2279.75	2308.04	2296.49	0.65	ppb
Silver	109-1	0.24	0.21	0.24	0.23	8.63	ppb
Silver	107-1	0.23	0.26	0.22	0.23	8.65	ppb
Sodium	23-2	6475345.51	6170607.87	6170400.95	6272118.11	2.81	ppb
Strontium	86-1	4709.46	4715.65	4741.00	4722.04	0.35	ppb
Strontium	88-1	4765.85	4781.35	4790.10	4779.10	0.26	ppb
Sulfur	34-1	542521.01	559093.01	551272.66	550962.22	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	-0.01	0.01	169.09	ppb
Thallium	205-1	0.00	0.02	0.00	0.00	373.14	ppb
Tin	118-1	4.17	4.35	4.28	4.27	2.17	ppb
Titanium	47-1	16.17	16.54	16.48	16.40	1.21	ppb
Uranium	238-1	4.73	4.86	4.79	4.79	1.35	ppb
Vanadium	51-2	16.95	16.47	15.76	16.39	3.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.80	3.94	4.11	4.28	10.61	ppb
Zirconium	90-1	0.27	0.22	0.28	0.26	11.80	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.24	0.23	0.25	7.09	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.13	19.92	13.53	17.86	21.02	ppb
Antimony	121-1	1.42	1.42	1.43	1.42	0.12	ppb
ArSenic	75-2	8.58	8.72	8.37	8.56	2.05	ppb
Barium	135-1	36.01	36.29	36.50	36.27	0.69	ppb
Barium	137-1	35.98	36.35	36.52	36.28	0.76	ppb
Beryllium	9-1	0.04	0.04	0.00	0.03	82.06	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2675.21	2651.14	2719.91	2682.09	1.30	ppb
Boron	10-1	2478.83	2471.78	2511.10	2487.24	0.84	ppb
Cadmium	106-1	0.97	0.88	0.37	0.74	43.67	ppb
Cadmium	108-1	0.26	0.39	0.05	0.23	73.73	ppb
Cadmium	111-1	0.13	0.14	0.09	0.12	24.41	ppb
Calcium	43-1	232785.20	231918.67	235248.27	233317.38	0.74	ppb
Calcium	44-1	235182.57	232376.46	235502.39	234353.81	0.73	ppb
Chromium	52-2	-0.07	-0.08	-0.08	-0.07		ppb
Cobalt	59-2	0.02	0.02	0.04	0.02	55.94	ppb
Copper	63-2	2.41	2.37	2.22	2.33	4.30	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	11.30	11.55	10.50	11.12	4.89	ppb
Iron	57-2	11.40	9.63	16.66	12.56	29.10	ppb
Lead	206-1	0.20	0.20	0.17	0.19	8.72	ppb
Lead	207-1	0.15	0.15	0.19	0.16	15.12	ppb
Lead	208-1	0.17	0.15	0.17	0.16	4.43	ppb
Lithium	6-1						%
MagneSium	24-2	632732.90	623944.67	638909.34	631862.30	1.19	ppb
ManganeSe	55-2	39.93	40.35	39.11	39.80	1.59	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	8.80	8.66	8.77	8.74	0.84	ppb
Molybdenum	94-1	2.73	2.83	2.78	2.78	1.66	ppb
Molybdenum	95-1	8.75	8.73	8.77	8.75	0.26	ppb
Molybdenum	96-1	7.35	7.28	7.31	7.32	0.47	ppb
Molybdenum	97-1	8.80	8.99	8.81	8.87	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	-0.05	0.04	0.04	226.95	ppb
PhoSphoruS	31-2	280.64	341.40	371.97	331.34	14.03	ppb
PotaSSium	39-2	212566.73	212522.79	217815.90	214301.81	1.42	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	0.89	7.76	-0.10	2.85	150.26	ppb
Selenium	82-1	13.93	15.23	16.70	15.29	9.08	ppb
Silicon	28-1	1889.01	1870.08	1889.27	1882.79	0.58	ppb
Silver	109-1	0.18	0.16	0.18	0.17	7.32	ppb
Silver	107-1	0.19	0.16	0.16	0.17	11.06	ppb
Sodium	23-2	5338464.43	5298295.44	5429060.06	5355273.31	1.25	ppb
Strontium	86-1	4120.09	4099.95	4120.30	4113.45	0.28	ppb
Strontium	88-1	4173.30	4162.10	4202.23	4179.21	0.50	ppb
Sulfur	34-1	466201.10	465421.73	468585.18	466736.00	0.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.12	4.02	4.05	4.06	1.15	ppb
Titanium	47-1	1.51	1.56	1.97	1.68	15.00	ppb
Uranium	238-1	3.47	3.42	3.40	3.43	1.02	ppb
Vanadium	51-2	14.13	14.06	14.66	14.29	2.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.91	5.44	5.50	5.28	6.19	ppb
Zirconium	90-1	0.19	0.18	0.19	0.18	4.67	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.21	0.19	0.20	4.13	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.70	11.76	11.44	11.30	4.84	ppb
Antimony	121-1	1.43	1.60	1.68	1.57	8.05	ppb
ArSenic	75-2	3.47	3.89	4.05	3.81	7.86	ppb
Barium	135-1	16.75	17.16	17.11	17.01	1.32	ppb
Barium	137-1	16.44	17.11	17.02	16.86	2.17	ppb
Beryllium	9-1	-0.04	-0.02	0.00	-0.02		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2953.40	2942.37	2979.67	2958.48	0.65	ppb
Boron	10-1	2725.09	2687.60	2730.92	2714.54	0.87	ppb
Cadmium	106-1	-0.34	2.07	0.11	0.61	207.80	ppb
Cadmium	108-1	0.26	0.23	0.31	0.27	15.99	ppb
Cadmium	111-1	-0.03	0.15	-0.01	0.03	282.18	ppb
Calcium	43-1	257749.29	259204.31	261912.11	259621.90	0.81	ppb
Calcium	44-1	259229.49	258845.01	262957.86	260344.12	0.87	ppb
Chromium	52-2	-0.15	-0.17	-0.23	-0.18		ppb
Cobalt	59-2	0.08	0.04	0.03	0.05	45.62	ppb
Copper	63-2	1.79	1.74	1.59	1.70	6.16	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.81	11.28	11.89	11.99	6.43	ppb
Iron	57-2	16.17	14.92	13.30	14.80	9.72	ppb
Lead	206-1	0.15	0.09	0.14	0.13	26.56	ppb
Lead	207-1	0.10	0.11	0.14	0.12	17.11	ppb
Lead	208-1	0.12	0.11	0.11	0.11	3.88	ppb
Lithium	6-1						%
MagneSium	24-2	720405.16	714609.94	705306.56	713440.55	1.07	ppb
ManganeSe	55-2	22.00	22.07	20.61	21.56	3.83	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.48	7.47	7.51	7.49	0.32	ppb
Molybdenum	94-1	2.40	2.40	2.49	2.43	2.18	ppb
Molybdenum	95-1	7.69	7.43	7.40	7.50	2.12	ppb
Molybdenum	96-1	6.24	6.11	6.17	6.17	1.09	ppb
Molybdenum	97-1	7.73	7.93	7.95	7.87	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.25	0.06	266.35	ppb
PhoSphoruS	31-2	111.32	172.09	85.15	122.85	36.30	ppb
PotaSSium	39-2	244274.77	243587.18	239139.90	242333.95	1.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.91	5.80	5.81	5.84	1.05	ppb
Selenium	78-2	0.87	-0.13	0.84	0.53	107.61	ppb
Selenium	82-1	12.57	12.18	10.50	11.75	9.35	ppb
Silicon	28-1	1448.56	1429.61	1427.91	1435.36	0.80	ppb
Silver	109-1	0.17	0.13	0.13	0.14	16.12	ppb
Silver	107-1	0.12	0.15	0.15	0.14	11.27	ppb
Sodium	23-2	6103219.87	6087045.29	5930720.01	6040328.39	1.58	ppb
Strontium	86-1	4592.56	4516.65	4605.72	4571.64	1.05	ppb
Strontium	88-1	4607.35	4521.18	4620.51	4583.01	1.18	ppb
Sulfur	34-1	525636.40	526637.91	530816.37	527696.90	0.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.47	4.71	4.73	4.64	3.09	ppb
Titanium	47-1	1.52	1.52	1.73	1.59	7.80	ppb
Uranium	238-1	2.96	3.05	3.01	3.01	1.62	ppb
Vanadium	51-2	8.81	9.05	8.56	8.81	2.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.74	4.22	3.66	4.21	12.90	ppb
Zirconium	90-1	0.17	0.18	0.18	0.18	3.95	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.12	0.18	0.16	20.16	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.16	37.75	52.08	51.66	26.53	ppb
Antimony	121-1	1.86	1.78	1.83	1.82	2.06	ppb
ArSenic	75-2	4.92	5.26	5.12	5.10	3.30	ppb
Barium	135-1	17.87	17.49	17.51	17.62	1.23	ppb
Barium	137-1	18.14	17.95	18.20	18.10	0.70	ppb
Beryllium	9-1	-0.03	0.00	0.00	-0.01		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2947.05	2893.78	3000.41	2947.08	1.81	ppb
Boron	10-1	2736.57	2740.86	2755.59	2744.34	0.36	ppb
Cadmium	106-1	1.02	1.37	0.23	0.87	66.65	ppb
Cadmium	108-1	0.21	0.17	0.09	0.16	40.20	ppb
Cadmium	111-1	0.10	0.14	0.08	0.11	28.22	ppb
Calcium	43-1	250183.01	254178.26	256095.36	253485.54	1.19	ppb
Calcium	44-1	253951.27	254939.96	255498.23	254796.49	0.31	ppb
Chromium	52-2	-0.07	-0.11	-0.29	-0.16		ppb
Cobalt	59-2	0.05	0.08	0.09	0.07	32.36	ppb
Copper	63-2	25.54	25.48	25.89	25.64	0.87	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	18.35	18.64	18.54	18.51	0.81	ppb
Iron	57-2	23.48	26.45	24.45	24.79	6.11	ppb
Lead	206-1	1.54	1.50	1.68	1.57	5.91	ppb
Lead	207-1	1.54	1.44	1.50	1.49	3.26	ppb
Lead	208-1	1.54	1.53	1.60	1.56	2.35	ppb
Lithium	6-1						%
MagneSium	24-2	697905.71	709583.47	710849.21	706112.80	1.01	ppb
ManganeSe	55-2	24.96	24.69	24.96	24.87	0.62	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	13.93	14.25	13.82	14.00	1.61	ppb
Molybdenum	94-1	4.48	4.40	4.53	4.47	1.39	ppb
Molybdenum	95-1	13.95	14.35	13.99	14.10	1.56	ppb
Molybdenum	96-1	11.62	11.84	11.75	11.74	0.95	ppb
Molybdenum	97-1	14.18	14.40	14.25	14.28	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.18	0.30	0.20	50.11	ppb
PhoSphoruS	31-2	23.35	66.62	128.54	72.84	72.58	ppb
PotaSSium	39-2	238054.16	241901.67	243149.03	241034.95	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.74	0.00	0.00	1.91	173.21	ppb
Selenium	78-2	1.77	-0.12	-1.09	0.19	778.18	ppb
Selenium	82-1	13.98	13.78	15.22	14.33	5.43	ppb
Silicon	28-1	1221.03	1240.05	1262.33	1241.14	1.67	ppb
Silver	109-1	0.13	0.13	0.12	0.13	2.73	ppb
Silver	107-1	0.12	0.14	0.14	0.13	7.92	ppb
Sodium	23-2	5906553.21	6001300.68	6056684.68	5988179.52	1.27	ppb
Strontium	86-1	4525.06	4498.96	4501.78	4508.60	0.32	ppb
Strontium	88-1	4550.31	4552.24	4535.19	4545.91	0.21	ppb
Sulfur	34-1	524130.78	525215.38	535859.77	528401.98	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	3.48	3.53	3.72	3.58	3.47	ppb
Titanium	47-1	1.61	1.48	1.40	1.50	7.10	ppb
Uranium	238-1	4.32	4.45	4.61	4.46	3.32	ppb
Vanadium	51-2	10.96	11.37	11.58	11.30	2.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.21	22.26	21.87	21.45	5.09	ppb
Zirconium	90-1	0.16	0.14	0.15	0.15	6.92	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.09	0.15	0.14	27.42	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.98	15.62	48.05	28.22	61.60	ppb
Antimony	121-1	1.93	1.98	2.07	1.99	3.74	ppb
ArSenic	75-2	8.94	9.15	8.46	8.85	3.98	ppb
Barium	135-1	17.36	17.46	17.39	17.40	0.29	ppb
Barium	137-1	17.00	16.88	17.24	17.04	1.06	ppb
Beryllium	9-1	-0.04	-0.05	-0.05	-0.04		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	2987.08	3073.00	3043.19	3034.42	1.44	ppb
Boron	10-1	2757.46	2815.62	2830.09	2801.06	1.37	ppb
Cadmium	106-1	0.80	0.21	0.39	0.47	64.63	ppb
Cadmium	108-1	0.36	0.09	0.23	0.23	58.57	ppb
Cadmium	111-1	0.18	0.12	0.13	0.14	20.22	ppb
Calcium	43-1	267968.79	266247.51	262063.06	265426.45	1.14	ppb
Calcium	44-1	268767.59	266227.80	261681.66	265559.02	1.35	ppb
Chromium	52-2	-0.12	-0.10	-0.28	-0.17		ppb
Cobalt	59-2	0.07	0.02	0.05	0.04	58.68	ppb
Copper	63-2	1.45	1.37	1.39	1.40	3.27	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.49	13.24	9.78	11.17	16.37	ppb
Iron	57-2	13.69	14.01	16.86	14.85	11.76	ppb
Lead	206-1	0.23	0.27	0.20	0.23	15.32	ppb
Lead	207-1	0.22	0.18	0.22	0.21	10.10	ppb
Lead	208-1	0.23	0.23	0.22	0.23	1.50	ppb
Lithium	6-1						%
MagneSium	24-2	723775.11	722191.38	719591.19	721852.56	0.29	ppb
ManganeSe	55-2	26.43	26.41	26.30	26.38	0.27	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	14.33	14.60	14.15	14.36	1.56	ppb
Molybdenum	94-1	4.67	4.64	4.59	4.63	0.90	ppb
Molybdenum	95-1	14.51	14.60	14.25	14.46	1.25	ppb
Molybdenum	96-1	11.92	12.25	12.05	12.07	1.41	ppb
Molybdenum	97-1	14.58	14.96	14.39	14.64	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.54	0.59	0.60	12.18	ppb
PhoSphoruS	31-2	92.31	26.67	141.16	86.71	66.26	ppb
PotaSSium	39-2	247584.18	247891.20	249218.20	248231.19	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.09	0.00	6.44	4.18	86.70	ppb
Selenium	78-2	-0.08	1.02	4.26	1.73	130.27	ppb
Selenium	82-1	14.31	15.22	12.43	13.98	10.18	ppb
Silicon	28-1	1358.47	1334.76	1336.07	1343.10	0.99	ppb
Silver	109-1	0.11	0.11	0.13	0.12	7.84	ppb
Silver	107-1	0.10	0.09	0.10	0.10	5.99	ppb
Sodium	23-2	6186574.81	6117742.65	6181955.40	6162090.95	0.62	ppb
Strontium	86-1	4647.05	4806.35	4671.35	4708.25	1.82	ppb
Strontium	88-1	4678.51	4805.72	4681.58	4721.94	1.54	ppb
Sulfur	34-1	551817.60	551368.68	542160.04	548448.77	0.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	2.97	2.98	3.11	3.02	2.54	ppb
Titanium	47-1	1.63	1.56	1.38	1.52	8.27	ppb
Uranium	238-1	4.72	4.74	4.70	4.72	0.38	ppb
Vanadium	51-2	14.13	14.49	13.49	14.03	3.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.27	5.34	5.29	5.30	0.67	ppb
Zirconium	90-1	0.15	0.14	0.12	0.14	10.45	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.14	0.14	0.12	24.20	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:12:15	DataFile Name :	039SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.46	13.51	16.86	15.94	13.34	ppb
Antimony	121-1	0.14	0.12	0.13	0.13	6.09	ppb
ArSenic	75-2	0.61	0.58	0.44	0.54	16.64	ppb
Barium	135-1	1.19	1.75	1.28	1.41	21.09	ppb
Barium	137-1	1.08	1.22	1.19	1.16	6.23	ppb
Beryllium	9-1	-0.09	-0.09	-0.05	-0.08		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	185.22	185.47	184.79	185.16	0.18	ppb
Boron	10-1	173.59	178.90	173.44	175.31	1.77	ppb
Cadmium	106-1	-1.92	-0.78	0.45	-0.75		ppb
Cadmium	108-1	0.08	-0.02	0.01	0.02	241.28	ppb
Cadmium	111-1	-0.15	-0.07	0.01	-0.07		ppb
Calcium	43-1	11993.86	12067.83	11882.45	11981.38	0.78	ppb
Calcium	44-1	12361.35	12296.54	12169.31	12275.73	0.80	ppb
Chromium	52-2	-0.47	-0.45	-0.40	-0.44		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.14	0.14	0.14	0.14	0.78	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.94	4.88	5.21	5.34	10.21	ppb
Iron	57-2	4.84	6.81	2.88	4.84	40.56	ppb
Lead	206-1	-0.06	-0.04	-0.04	-0.04		ppb
Lead	207-1	-0.05	-0.01	-0.03	-0.03		ppb
Lead	208-1	-0.05	-0.03	-0.04	-0.04		ppb
Lithium	6-1						%
MagneSium	24-2	35289.13	34658.01	35040.97	34996.04	0.91	ppb
ManganeSe	55-2	2.56	2.40	2.02	2.33	12.10	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:12:15	DataFile Name :	039SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.42	0.42	0.47	0.44	7.00	ppb
Molybdenum	94-1	0.12	0.12	0.14	0.13	8.07	ppb
Molybdenum	95-1	0.46	0.38	0.38	0.41	11.12	ppb
Molybdenum	96-1	0.34	0.32	0.35	0.33	5.10	ppb
Molybdenum	97-1	0.50	0.44	0.50	0.48	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.59	-0.46	-0.58	-0.54		ppb
PhoSphoruS	31-2	0.52	-18.38	-18.38	-12.08		ppb
PotaSSium	39-2	11351.11	11250.25	11520.61	11373.99	1.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.24	1.75	173.21	ppb
Selenium	78-2	1.44	-1.09	1.52	0.62	238.22	ppb
Selenium	82-1	2.96	3.08	2.74	2.93	5.98	ppb
Silicon	28-1	137.33	155.53	129.30	140.72	9.55	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.01	ppb
Silver	107-1	0.03	0.04	0.04	0.04	5.27	ppb
Sodium	23-2	289896.19	287166.51	291442.96	289501.89	0.75	ppb
Strontium	86-1	215.41	216.32	213.83	215.19	0.59	ppb
Strontium	88-1	220.39	219.39	219.59	219.79	0.24	ppb
Sulfur	34-1	27193.16	27344.38	26593.61	27043.71	1.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.12	0.13	0.13	0.13	3.66	ppb
Titanium	47-1	0.64	0.44	0.39	0.49	26.67	ppb
Uranium	238-1	0.15	0.15	0.14	0.14	4.41	ppb
Vanadium	51-2	0.95	0.82	0.92	0.90	7.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.46	0.44	0.30	0.40	21.18	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:12:15	DataFile Name :	039SMPL_P8092117-MS

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

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUPI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:15:21 DataFile Name : 040SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.40	19.15	18.59	16.71	22.41	ppb
Antimony	121-1	0.22	0.17	0.20	0.20	12.68	ppb
ArSenic	75-2	0.35	0.62	0.60	0.53	28.21	ppb
Barium	135-1	1.72	1.70	1.64	1.69	2.37	ppb
Barium	137-1	1.63	1.65	1.64	1.64	0.61	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	85.93	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	166.11	164.50	167.97	166.19	1.04	ppb
Boron	10-1	155.34	153.54	158.43	155.77	1.59	ppb
Cadmium	106-1	0.23	0.20	0.58	0.33	64.03	ppb
Cadmium	108-1	0.05	0.01	0.01	0.02	100.71	ppb
Cadmium	111-1	0.07	0.07	0.08	0.07	3.48	ppb
Calcium	43-1	12481.40	12038.17	12041.13	12186.90	2.09	ppb
Calcium	44-1	12600.50	12338.89	12318.85	12419.41	1.27	ppb
Chromium	52-2	-0.44	-0.26	-0.38	-0.36		ppb
Cobalt	59-2	0.02	0.05	0.03	0.04	32.15	ppb
Copper	63-2	0.28	0.28	0.31	0.29	5.98	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	8.30	8.44	8.40	8.38	0.87	ppb
Iron	57-2	12.26	6.53	5.88	8.22	42.67	ppb
Lead	206-1	0.05	0.03	0.05	0.04	22.67	ppb
Lead	207-1	0.05	0.04	0.05	0.05	13.09	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.68	ppb
Lithium	6-1						%
MagneSium	24-2	34931.53	36805.04	35112.78	35616.45	2.90	ppb
ManganeSe	55-2	2.04	2.91	2.58	2.51	17.31	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUPI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:15:21 DataFile Name : 040SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.57	0.50	0.47	0.52	9.47	ppb
Molybdenum	94-1	0.17	0.19	0.19	0.18	3.73	ppb
Molybdenum	95-1	0.57	0.50	0.47	0.51	9.70	ppb
Molybdenum	96-1	0.46	0.41	0.45	0.44	5.28	ppb
Molybdenum	97-1	0.60	0.51	0.54	0.55	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.48	-0.42	-0.40		ppb
PhoSphoruS	31-2	0.28	39.58	38.12	25.99	85.72	ppb
PotaSSium	39-2	11352.42	11765.85	11518.97	11545.75	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.13	0.00	0.00	1.71	173.21	ppb
Selenium	78-2	-1.09	-0.23	0.61	-0.24		ppb
Selenium	82-1	1.20	1.62	1.47	1.43	14.79	ppb
Silicon	28-1	150.85	140.63	138.80	143.43	4.53	ppb
Silver	109-1	0.10	0.11	0.14	0.12	18.94	ppb
Silver	107-1	0.12	0.11	0.12	0.11	5.33	ppb
Sodium	23-2	289562.45	301100.31	293594.42	294752.39	1.99	ppb
Strontium	86-1	224.61	215.23	219.73	219.85	2.13	ppb
Strontium	88-1	227.64	220.92	226.09	224.88	1.56	ppb
Sulfur	34-1	28211.37	26631.91	26430.61	27091.30	3.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.07	0.06	16.24	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.99	ppb
Tin	118-1	0.18	0.13	0.15	0.15	17.69	ppb
Titanium	47-1	0.54	0.42	0.58	0.51	16.93	ppb
Uranium	238-1	0.24	0.22	0.22	0.22	4.67	ppb
Vanadium	51-2	0.95	1.02	0.83	0.93	10.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.35	0.32	0.77	0.48	52.86	ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	22.13	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDUPI	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:15:21	DataFile Name :	040SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.05	0.06	7.32	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01LDLX100 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DLXL Dilution Factor : 100
 Date & Time Acquired :: 2017-09-21 15:18:29 DataFile Name : 041SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.52	3.86	1.47	2.28	59.92	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	26.73	ppb
ArSenic	75-2	0.01	0.01	0.03	0.02	54.07	ppb
Barium	135-1	0.21	0.28	0.22	0.23	16.99	ppb
Barium	137-1	0.25	0.28	0.27	0.27	6.53	ppb
Beryllium	9-1	-0.05	-0.03	-0.07	-0.05		ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	60.49	58.79	58.64	59.31	1.73	ppb
Boron	10-1	58.58	53.44	54.90	55.64	4.76	ppb
Cadmium	106-1	-0.96	-1.53	-0.20	-0.90		ppb
Cadmium	108-1	-0.09	-0.09	0.04	-0.05		ppb
Cadmium	111-1	-0.09	-0.12	-0.03	-0.08		ppb
Calcium	43-1	2306.21	2336.37	2355.49	2332.69	1.07	ppb
Calcium	44-1	2358.66	2338.01	2385.99	2360.89	1.02	ppb
Chromium	52-2	-0.41	-0.43	-0.41	-0.41		ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.07	0.06	0.09	0.07	17.85	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.24	-0.49	-0.11	-0.28		ppb
Iron	57-2	-1.45	-0.05	-2.19	-1.23		ppb
Lead	206-1	-0.05	-0.05	-0.04	-0.05		ppb
Lead	207-1	-0.05	-0.04	-0.05	-0.05		ppb
Lead	208-1	-0.05	-0.05	-0.05	-0.05		ppb
Lithium	6-1						%
MagneSium	24-2	6654.20	6652.59	6656.00	6654.26	0.03	ppb
ManganeSe	55-2	0.44	0.37	0.27	0.36	24.42	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DLXL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-21 15:18:29	DataFile Name :	041SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.05	0.05	0.05	10.40	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	17.04	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	32.61	ppb
Molybdenum	96-1	0.05	0.03	0.06	0.05	34.57	ppb
Molybdenum	97-1	0.13	0.08	0.13	0.11	29.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.58	-0.60	-0.47	-0.55		ppb
Phosphorus	31-2	18.30	-0.09	-0.28	5.98	178.53	ppb
Potassium	39-2	2330.11	2251.09	2329.33	2303.51	1.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.89	1.63	173.21	ppb
Selenium	78-2	2.16	-0.27	-0.28	0.54	261.82	ppb
Selenium	82-1	0.56	0.06	0.71	0.44	77.27	ppb
Silicon	28-1	32.35	26.50	27.71	28.85	10.71	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.15	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.07	ppb
Sodium	23-2	57829.65	58495.03	57806.07	58043.59	0.67	ppb
Strontium	86-1	41.91	42.06	42.05	42.01	0.21	ppb
Strontium	88-1	42.37	42.47	42.65	42.50	0.33	ppb
Sulfur	34-1	7795.26	7668.32	7596.99	7686.86	1.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.04	0.02	0.05	0.04	42.62	ppb
Titanium	47-1	0.10	0.07	0.13	0.10	32.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.46	ppb
Vanadium	51-2	0.10	0.14	0.14	0.13	17.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.82	0.45	0.97	0.75	35.46	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DLXL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-21 15:18:29	DataFile Name :	041SMPL_P8092117-MS

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

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01MSDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DMSDI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:21:37 DataFile Name : 042SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.91	460.06	444.11	462.36	4.22	ppb
Antimony	121-1	25.60	25.99	25.70	25.76	0.79	ppb
ArSenic	75-2	24.01	24.57	24.84	24.47	1.72	ppb
Barium	135-1	125.80	129.56	128.22	127.86	1.49	ppb
Barium	137-1	126.13	129.93	125.47	127.18	1.89	ppb
Beryllium	9-1	23.03	23.83	23.70	23.52	1.82	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	167.38	172.33	171.24	170.31	1.53	ppb
Boron	10-1	156.85	167.35	162.20	162.13	3.24	ppb
Cadmium	106-1	22.51	26.99	23.89	24.46	9.39	ppb
Cadmium	108-1	25.40	26.23	24.44	25.35	3.53	ppb
Cadmium	111-1	25.54	26.24	25.74	25.84	1.38	ppb
Calcium	43-1	14334.66	14335.89	14267.32	14312.63	0.27	ppb
Calcium	44-1	14435.03	14412.01	14291.43	14379.49	0.54	ppb
Chromium	52-2	24.41	24.32	23.94	24.22	1.03	ppb
Cobalt	59-2	24.45	24.16	24.24	24.28	0.62	ppb
Copper	63-2	48.84	48.01	47.58	48.14	1.32	ppb
DySproSium	156-1						cps
DySproSium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1161.18	1144.25	1134.37	1146.60	1.18	ppb
Iron	57-2	1150.28	1141.52	1109.55	1133.78	1.89	ppb
Lead	206-1	24.62	24.75	24.11	24.50	1.38	ppb
Lead	207-1	23.82	24.32	24.19	24.11	1.07	ppb
Lead	208-1	24.28	24.44	24.17	24.30	0.57	ppb
Lithium	6-1						%
MagneSium	24-2	36856.91	37032.90	36434.69	36774.83	0.84	ppb
ManganeSe	55-2	54.43	50.67	51.93	52.34	3.66	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:21:37	DataFile Name :	042SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	23.48	23.42	23.60	23.50	0.39	ppb
Molybdenum	94-1	22.64	23.08	22.87	22.86	0.96	ppb
Molybdenum	95-1	23.40	23.55	23.70	23.55	0.62	ppb
Molybdenum	96-1	23.15	22.88	23.51	23.18	1.36	ppb
Molybdenum	97-1	23.92	23.70	24.06	23.89	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.77	23.61	23.73	23.70	0.34	ppb
PhoSphoruS	31-2	19.84	19.09	18.56	19.16	3.35	ppb
PotaSSium	39-2	12395.72	12202.54	12129.66	12242.64	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	20.55	10.23	20.41	17.06	34.67	ppb
Selenium	78-2	27.90	26.92	27.71	27.51	1.90	ppb
Selenium	82-1	24.94	26.36	26.45	25.92	3.28	ppb
Silicon	28-1	190.49	183.82	191.15	188.49	2.15	ppb
Silver	109-1	26.81	27.93	27.98	27.57	2.40	ppb
Silver	107-1	27.22	28.37	27.72	27.77	2.08	ppb
Sodium	23-2	287186.11	283841.20	281993.69	284340.33	0.93	ppb
Strontium	86-1	234.20	231.42	234.61	233.41	0.74	ppb
Strontium	88-1	238.72	237.32	238.49	238.17	0.31	ppb
Sulfur	34-1	26834.85	26250.14	25678.61	26254.54	2.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.46	25.82	25.26	25.51	1.11	ppb
Thallium	205-1	25.89	25.63	25.37	25.63	1.01	ppb
Tin	118-1	24.90	25.77	25.13	25.27	1.78	ppb
Titanium	47-1	25.20	24.69	24.73	24.87	1.13	ppb
Uranium	238-1	22.87	23.09	23.16	23.04	0.64	ppb
Vanadium	51-2	26.12	26.26	25.93	26.11	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	47.41	45.75	47.76	46.97	2.28	ppb
Zirconium	90-1	22.56	22.56	22.58	22.57	0.05	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:21:37	DataFile Name :	042SMPL_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	22.52	22.38	22.34	22.41	0.41	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51266.34	47912.32	47157.57	48778.74	4.48	ppb
Antimony	121-1	540.36	535.82	530.88	535.69	0.88	ppb
ArSenic	75-2	525.33	485.42	479.44	496.73	5.02	ppb
Barium	135-1	2608.50	2614.45	2562.17	2595.04	1.10	ppb
Barium	137-1	2590.62	2579.77	2540.96	2570.45	1.02	ppb
Beryllium	9-1	488.22	480.54	491.23	486.66	1.13	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	489.21	486.80	498.75	491.59	1.28	ppb
Boron	10-1	483.30	486.39	495.06	488.25	1.25	ppb
Cadmium	106-1	506.01	512.30	509.99	509.43	0.62	ppb
Cadmium	108-1	507.30	514.74	512.19	511.41	0.74	ppb
Cadmium	111-1	503.79	505.22	502.08	503.70	0.31	ppb
Calcium	43-1	246510.48	245729.23	249196.21	247145.31	0.74	ppb
Calcium	44-1	247576.55	246428.01	249149.77	247718.11	0.55	ppb
Chromium	52-2	556.44	529.76	516.88	534.36	3.78	ppb
Cobalt	59-2	515.41	493.13	484.09	497.54	3.24	ppb
Copper	63-2	1045.80	966.50	929.06	980.45	6.08	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	125123.77	117366.25	114910.43	119133.48	4.47	ppb
Iron	57-2	124887.52	117936.40	116482.99	119768.97	3.75	ppb
Lead	206-1	518.93	517.70	531.39	522.67	1.45	ppb
Lead	207-1	520.06	521.71	527.65	523.14	0.76	ppb
Lead	208-1	518.26	515.74	527.64	520.55	1.21	ppb
Lithium	6-1						%
MagneSium	24-2	252725.71	237291.41	232350.75	240789.29	4.41	ppb
ManganeSe	55-2	1098.27	1040.31	1015.34	1051.31	4.05	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	497.77	491.12	501.39	496.76	1.05	ppb
Molybdenum	94-1	506.88	501.24	501.45	503.19	0.64	ppb
Molybdenum	95-1	505.41	500.96	502.41	502.92	0.45	ppb
Molybdenum	96-1	506.88	500.43	503.74	503.68	0.64	ppb
Molybdenum	97-1	485.75	485.28	486.12	485.72	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.63	508.79	490.71	509.38	3.72	ppb
PhoSphoruS	31-2	10505.82	10473.14	9404.67	10127.88	6.19	ppb
PotaSSium	39-2	132202.84	124005.20	122213.98	126140.67	4.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	534.21	421.70	639.08	531.66	20.45	ppb
Selenium	78-2	565.05	524.69	548.91	546.22	3.72	ppb
Selenium	82-1	493.12	482.56	490.04	488.57	1.11	ppb
Silicon	28-1	481.54	481.94	489.23	484.24	0.89	ppb
Silver	109-1	487.48	492.24	485.35	488.36	0.72	ppb
Silver	107-1	487.92	491.44	480.96	486.77	1.09	ppb
Sodium	23-2	250842.33	238223.56	233834.79	240966.89	3.66	ppb
Strontium	86-1	508.59	508.55	505.35	507.50	0.37	ppb
Strontium	88-1	515.68	514.01	512.77	514.15	0.28	ppb
Sulfur	34-1	12064.12	11955.28	12132.72	12050.71	0.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	523.45	516.36	530.04	523.29	1.31	ppb
Thallium	205-1	519.22	509.64	522.47	517.11	1.29	ppb
Tin	118-1	523.11	522.45	520.27	521.95	0.29	ppb
Titanium	47-1	492.94	494.38	496.17	494.50	0.33	ppb
Uranium	238-1	501.67	499.97	502.14	501.26	0.23	ppb
Vanadium	51-2	547.86	522.90	509.00	526.59	3.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1015.85	961.95	937.48	971.76	4.13	ppb
Zirconium	90-1	499.51	493.60	498.59	497.24	0.64	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.35	501.41	491.83	497.87	1.06	ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 15:43:53 DataFile Name : 046CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	-3.19	-3.19	-1.24		ppb
Antimony	121-1	0.31	0.34	0.33	0.33	4.70	ppb
ArSenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.00	0.02	-0.01	0.00	451.72	ppb
Barium	137-1	0.01	-0.02	0.00	0.00		ppb
Beryllium	9-1	0.18	0.19	0.16	0.18	9.82	ppb
BiSmuth	209-1						%
BiSmuth	209-2						%
Boron	11-1	34.07	33.37	29.32	32.25	7.96	ppb
Boron	10-1	30.51	34.47	30.54	31.84	7.14	ppb
Cadmium	106-1	0.06	-1.02	-1.67	-0.88		ppb
Cadmium	108-1	-0.04	-0.03	-0.10	-0.06		ppb
Cadmium	111-1	-0.01	-0.07	-0.12	-0.07		ppb
Calcium	43-1	-0.09	6.29	-3.54	0.89	562.85	ppb
Calcium	44-1	8.60	15.77	9.92	11.43	33.41	ppb
Chromium	52-2	-0.18	-0.09	-0.08	-0.12		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.07	0.07	0.10	0.08	16.61	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	4.75	1.55	1.68	2.66	68.04	ppb
Iron	57-2	1.68	1.52	3.03	2.08	39.83	ppb
Lead	206-1	0.03	0.03	0.07	0.04	45.86	ppb
Lead	207-1	0.04	0.03	0.02	0.03	38.90	ppb
Lead	208-1	0.04	0.03	0.03	0.03	13.57	ppb
Lithium	6-1						%
MagneSium	24-2	22.21	1.41	0.03	7.88	157.64	ppb
ManganeSe	55-2	-0.02	-0.13	-0.14	-0.10		ppb

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 15:43:53 DataFile Name : 046CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.21	0.14	0.18	20.31	ppb
Molybdenum	94-1	0.12	0.12	0.09	0.11	17.18	ppb
Molybdenum	95-1	0.20	0.17	0.15	0.17	15.41	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.14	3.82	ppb
Molybdenum	97-1	0.25	0.22	0.16	0.21	22.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.53	-0.60	-0.53		ppb
PhoSphoruS	31-2	18.05	-18.38	-18.38	-6.24		ppb
PotaSSium	39-2	68.56	76.08	64.22	69.62	8.62	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	-0.26	-0.25	-1.09	-0.53		ppb
Selenium	82-1	-0.36	0.04	-1.20	-0.50		ppb
Silicon	28-1	-16.94	-9.81	-14.54	-13.77		ppb
Silver	109-1	0.06	0.09	0.07	0.07	16.56	ppb
Silver	107-1	0.07	0.08	0.06	0.07	14.37	ppb
Sodium	23-2	891.68	763.11	796.73	817.17	8.16	ppb
Strontium	86-1	-0.01	-0.07	0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	33.51	ppb
Sulfur	34-1	-604.39	137.85	-503.56	-323.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.09	0.05	0.07	25.19	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	16.50	ppb
Tin	118-1	0.24	0.23	0.27	0.25	8.27	ppb
Titanium	47-1	0.03	0.06	-0.02	0.02	152.37	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	0.15	0.03	0.06	135.39	ppb
Zirconium	90-1	0.05	0.05	0.07	0.05	18.29	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:43:53	DataFile Name :	046CCBE_P8092117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.06	0.04	58.86	ppb

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	25	58	92	58	57.14	cps
ArSenic	75-2	13	7	4	8	58.09	cps
Barium	135-1	108	117	33	86	53.30	cps
Barium	137-1	158	183	117	153	22.04	cps
Beryllium	9-1	217	228	161	202	17.69	cps
BiSmuth	209-1	6306599	6324021	6270180	6300267	0.44	cps
BiSmuth	209-2	1714163	1689798	1627966	1677309	2.65	cps
Boron	11-1	1108	1133	1075	1106	2.65	cps
Boron	10-1	225	275	283	261	12.08	cps
Cadmium	106-1	2200	2050	2192	2147	3.93	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Cadmium	111-1	1602	1475	1541	1539	4.14	cps
Calcium	43-1	2092	1792	1734	1872	10.27	cps
Calcium	44-1	35404	34978	34760	35047	0.93	cps
Chromium	52-2	1043	1053	963	1020	4.84	cps
Cobalt	59-2	107	87	90	94	11.35	cps
Copper	63-2	190	193	177	187	4.72	cps
DySproSium	156-1	17	33	17	22	43.28	cps
DySproSium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	25	50	28	75.51	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	10561750	10690341	10476328	10576139	1.02	cps
Holmium	165-2	2266087	2231000	2135495	2210861	3.06	cps
Indium	115-1	9158896	9198214	9033322	9130144	0.94	cps
Indium	115-2	374968	369707	355290	366655	2.78	cps
Iron	56-2	2800	2611	2628	2680	3.90	cps
Iron	57-2	72	67	78	72	7.69	cps
Lead	206-1	761	661	706	709	7.06	cps
Lead	207-1	667	628	644	646	3.02	cps
Lead	208-1	2900	2934	2972	2935	1.23	cps
Lithium	6-1	1428993	1445625	1427820	1434146	0.69	cps
MagneSium	24-2	225	325	267	272	18.45	cps
ManganeSe	55-2	100	47	57	68	41.82	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	383	283	367	344	15.55	cps
Molybdenum	94-1	450	325	242	339	30.94	cps
Molybdenum	95-1	158	258	175	197	27.17	cps
Molybdenum	96-1	308	308	300	306	1.57	cps
Molybdenum	97-1	217	225	250	231	7.52	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	557	570	623	583	6.05	cps
PhoSphoruS	31-2	8	8	0	6	86.60	cps
PotaSSium	39-2	3176	2725	2817	2906	8.19	cps
Rhodium	103-1	8460511	8532541	8443820	8478957	0.56	cps
Rhodium	103-2	2172221	2104880	2038216	2105106	3.18	cps
Scandium	45-1	5247935	5288955	5215616	5250835	0.70	cps
Scandium	45-2	41060	40482	39359	40300	2.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	70	-19	-95	-15	-548.36	cps
Silicon	28-1	466580	474685	472100	471122	0.88	cps
Silver	109-1	75	75	67	72	6.66	cps
Silver	107-1	183	100	67	117	51.51	cps
Sodium	23-2	14608	15092	14900	14867	1.64	cps
Strontium	86-1	1042	1058	1025	1042	1.60	cps
Strontium	88-1	342	317	217	292	22.68	cps
Sulfur	34-1	413203	412177	412438	412606	0.13	cps
Terbium	159-1	10964059	11105054	10945865	11004992	0.79	cps
Terbium	159-2	2183272	2153637	2073297	2136735	2.66	cps
Thallium	203-1	258	208	175	214	19.61	cps
Thallium	205-1	542	408	342	431	23.65	cps
Tin	118-1	642	650	775	689	10.84	cps
Titanium	47-1	133	167	175	158	13.92	cps
Uranium	238-1	425	567	583	525	16.57	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	9679355	9596783	9559629	9611922	0.64	cps
Yttrium	89-2	277098	270695	261132	269642	2.98	cps
Zinc	66-2	53	50	47	50	6.66	cps
Zirconium	90-1	725	592	833	717	16.89	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 12:58:12	DataFile Name :	003CALB_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	233	175	189	20.85	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	150	117	142	15.56	cps
Antimony	121-1	17796	18313	17279	17796	2.91	cps
ArSenic	75-2	106	106	85	99	11.91	cps
Barium	135-1	18305	18038	17420	17921	2.53	cps
Barium	137-1	32324	31656	30778	31586	2.45	cps
Beryllium	9-1	1361	1167	1300	1276	7.79	cps
BiSmuth	209-1	6235332	6217371	5539698	5997467	6.61	cps
BiSmuth	209-2	1649736	1662102	1671514	1661117	0.66	cps
Boron	11-1	17812	17753	17094	17553	2.27	cps
Boron	10-1	3492	3684	3451	3542	3.51	cps
Cadmium	106-1	2192	2317	2125	2211	4.40	cps
Cadmium	108-1	171	150	158	160	6.57	cps
Cadmium	111-1	3423	3442	3294	3386	2.39	cps
Calcium	43-1	11705	11897	11338	11647	2.44	cps
Calcium	44-1	194659	193450	189371	192493	1.44	cps
Chromium	52-2	2727	2640	2660	2676	1.70	cps
Cobalt	59-2	1867	1820	1807	1831	1.72	cps
Copper	63-2	3307	3521	3547	3458	3.80	cps
DySproSium	156-1	33	0	33	22	86.60	cps
DySproSium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	58	58	64	15.05	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	42	100	58	67	45.07	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	10329181	10594225	9331618	10085008	6.60	cps
Holmium	165-2	2192106	2215308	2226296	2211237	0.79	cps
Indium	115-1	9002806	9070996	8122961	8732254	6.06	cps
Indium	115-2	367862	368396	368376	368211	0.08	cps
Iron	56-2	29331	28797	29209	29112	0.96	cps
Iron	57-2	739	744	778	754	2.79	cps
Lead	206-1	6224	6385	6402	6337	1.55	cps
Lead	207-1	5751	5768	5562	5694	2.01	cps
Lead	208-1	26912	26334	25600	26282	2.50	cps
Lithium	6-1	1438669	1430591	1271954	1380405	6.81	cps
MagneSium	24-2	14733	15417	15034	15061	2.28	cps
ManganeSe	55-2	320	277	313	303	7.69	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	30201	30594	28890	29895	2.98	cps
Molybdenum	94-1	16536	15676	14834	15682	5.43	cps
Molybdenum	95-1	19540	18805	17746	18697	4.82	cps
Molybdenum	96-1	20600	21385	20483	20822	2.35	cps
Molybdenum	97-1	11939	11472	11614	11675	2.05	cps
Neodymium	150-1	7	13	33	18	78.07	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1267	1093	1097	1152	8.60	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	10704	10896	10830	10810	0.90	cps
Rhodium	103-1	8386458	8496446	7521559	8134821	6.56	cps
Rhodium	103-2	2078148	2098087	2086722	2087652	0.48	cps
Scandium	45-1	5300209	5313069	4754025	5122434	6.23	cps
Scandium	45-2	40331	40355	40933	40540	0.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	9	11	7	66.16	cps
Selenium	82-1	452	542	596	530	13.69	cps
Silicon	28-1	524273	519513	516064	519950	0.79	cps
Silver	109-1	12339	11731	11414	11828	3.98	cps
Silver	107-1	12932	12648	12281	12620	2.58	cps
Sodium	23-2	49604	50198	49930	49911	0.60	cps
Strontium	86-1	3626	3417	3601	3548	3.21	cps
Strontium	88-1	22511	22394	21952	22286	1.32	cps
Sulfur	34-1	413067	416118	409503	412896	0.80	cps
Terbium	159-1	10856458	10889689	9748683	10498277	6.19	cps
Terbium	159-2	2097179	2131359	2147719	2125419	1.21	cps
Thallium	203-1	6886	6652	6444	6660	3.32	cps
Thallium	205-1	15343	15669	14359	15124	4.51	cps
Tin	118-1	31187	31638	29934	30920	2.86	cps
Titanium	47-1	4859	5560	5084	5168	6.92	cps
Uranium	238-1	18473	18957	18072	18501	2.39	cps
Vanadium	51-2	2970	2864	3067	2967	3.43	cps
Yttrium	89-1	9578488	9643472	8570637	9264199	6.49	cps
Yttrium	89-2	270981	272698	274466	272715	0.64	cps
Zinc	66-2	340	313	350	334	5.67	cps
Zirconium	90-1	14049	13449	13766	13755	2.18	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:05:09	DataFile Name :	005CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2984	3217	2959	3053	4.67	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6243	6510	6535	6430	2.52	cps
Antimony	121-1	507327	507478	506601	507135	0.09	cps
ArSenic	75-2	5262	5342	5081	5228	2.56	cps
Barium	135-1	524975	530245	523891	526370	0.65	cps
Barium	137-1	917802	925805	904113	915907	1.20	cps
Beryllium	9-1	73225	71901	71550	72225	1.22	cps
BiSmuth	209-1	6331776	6389116	6203200	6308031	1.51	cps
BiSmuth	209-2	1672489	1625763	1617923	1638725	1.80	cps
Boron	11-1	36731	39890	40174	38932	4.91	cps
Boron	10-1	8203	8411	8820	8478	3.70	cps
Cadmium	106-1	13624	13632	13174	13477	1.95	cps
Cadmium	108-1	7294	7890	7423	7536	4.16	cps
Cadmium	111-1	113994	114065	112206	113421	0.93	cps
Calcium	43-1	112684	113750	111507	112647	1.00	cps
Calcium	44-1	1883985	1873479	1858876	1872114	0.67	cps
Chromium	52-2	52254	51719	50491	51488	1.76	cps
Cobalt	59-2	96766	98066	94790	96540	1.71	cps
Copper	63-2	170087	170897	166029	169004	1.54	cps
DySproSium	156-1	33	33	0	22	86.60	cps
DySproSium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	100	100	86	27.93	cps
Gadolinium	160-2	17	23	0	13	90.13	cps
Holmium	165-1	10616153	10711889	10455231	10594424	1.22	cps
Holmium	165-2	2175169	2142688	2088700	2135519	2.05	cps
Indium	115-1	9241621	9292526	9140897	9225015	0.84	cps
Indium	115-2	367394	357621	352324	359113	2.13	cps
Iron	56-2	1559805	1562947	1517955	1546902	1.62	cps
Iron	57-2	38203	39000	37713	38305	1.70	cps
Lead	206-1	281659	283699	280306	281888	0.61	cps
Lead	207-1	253372	258846	255140	255786	1.09	cps
Lead	208-1	1142324	1158355	1133459	1144712	1.10	cps
Lithium	6-1	1448512	1452277	1434198	1444996	0.66	cps
MagneSium	24-2	165148	167907	162964	165339	1.50	cps
ManganeSe	55-2	25173	25063	24735	24990	0.91	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	342248	350506	347046	346600	1.20	cps
Molybdenum	94-1	402497	402705	400001	401734	0.37	cps
Molybdenum	95-1	216847	218439	219343	218210	0.58	cps
Molybdenum	96-1	278028	280520	281666	280072	0.66	cps
Molybdenum	97-1	134925	136117	135564	135535	0.44	cps
Neodymium	150-1	47	47	33	42	18.24	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30851	32004	30607	31154	2.39	cps
PhoSphoruS	31-2	458	500	483	481	4.36	cps
PotaSSium	39-2	48911	48676	47406	48331	1.68	cps
Rhodium	103-1	8420369	8535397	8287626	8414464	1.47	cps
Rhodium	103-2	2079546	2034149	1989041	2034245	2.22	cps
Scandium	45-1	5381267	5343630	5285425	5336774	0.90	cps
Scandium	45-2	40438	39068	37921	39143	3.22	cps
Selenium	77-2	43	23	30	32	31.61	cps
Selenium	78-2	133	135	107	125	12.39	cps
Selenium	82-1	6930	6659	6634	6741	2.43	cps
Silicon	28-1	741726	757726	738642	746032	1.37	cps
Silver	109-1	520864	521092	511855	517937	1.02	cps
Silver	107-1	545207	544696	536807	542237	0.87	cps
Sodium	23-2	416368	417947	405085	413133	1.70	cps
Strontium	86-1	139700	141569	139078	140116	0.93	cps
Strontium	88-1	1215299	1224386	1210358	1216681	0.58	cps
Sulfur	34-1	461194	462744	456140	460026	0.75	cps
Terbium	159-1	11032876	11045941	10910167	10996328	0.68	cps
Terbium	159-2	2139527	2059553	2042000	2080360	2.50	cps
Thallium	203-1	351443	352695	347956	350698	0.70	cps
Thallium	205-1	835078	836241	820678	830666	1.04	cps
Tin	118-1	353235	354318	355382	354312	0.30	cps
Titanium	47-1	60080	58222	59142	59148	1.57	cps
Uranium	238-1	1051590	1057402	1022771	1043921	1.78	cps
Vanadium	51-2	33340	33413	31379	32711	3.53	cps
Yttrium	89-1	9594808	9722026	9632189	9649675	0.68	cps
Yttrium	89-2	271535	264186	259586	265102	2.27	cps
Zinc	66-2	14928	14441	14194	14521	2.57	cps
Zirconium	90-1	763853	776485	766537	768958	0.87	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:08:37	DataFile Name :	006CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	170024	170507	167308	169280	1.02	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16677	15951	16502	16377	2.31	cps
Antimony	121-1	1266075	1278629	1278024	1274243	0.56	cps
ArSenic	75-2	12952	13310	13151	13138	1.36	cps
Barium	135-1	1320645	1340307	1316025	1325659	0.97	cps
Barium	137-1	2341603	2364943	2319376	2341974	0.97	cps
Beryllium	9-1	181569	181226	179736	180844	0.54	cps
BiSmuth	209-1	6367675	6434171	6330456	6377434	0.82	cps
BiSmuth	209-2	1674496	1656963	1563970	1631810	3.64	cps
Boron	11-1	94007	94167	97924	95366	2.32	cps
Boron	10-1	20015	21258	20599	20624	3.02	cps
Cadmium	106-1	30176	30394	30903	30491	1.22	cps
Cadmium	108-1	20040	19656	20119	19939	1.24	cps
Cadmium	111-1	278192	281922	283652	281255	0.99	cps
Calcium	43-1	275532	277768	279783	277695	0.77	cps
Calcium	44-1	4518567	4564128	4547531	4543409	0.51	cps
Chromium	52-2	127484	126794	129088	127789	0.92	cps
Cobalt	59-2	243130	244654	244579	244121	0.35	cps
Copper	63-2	419808	422562	422504	421625	0.37	cps
DySproSium	156-1	17	58	33	36	58.08	cps
DySproSium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	7	17	0	8	107.84	cps
Gadolinium	160-1	108	133	83	108	23.08	cps
Gadolinium	160-2	10	0	23	11	105.35	cps
Holmium	165-1	10720298	10727921	10827238	10758486	0.55	cps
Holmium	165-2	2203041	2147352	2050176	2133523	3.63	cps
Indium	115-1	9126467	9191625	9172594	9163562	0.37	cps
Indium	115-2	358983	352847	340188	350673	2.73	cps
Iron	56-2	3869379	3898640	3924017	3897345	0.70	cps
Iron	57-2	96085	96957	95419	96154	0.80	cps
Lead	206-1	720380	719821	719508	719903	0.06	cps
Lead	207-1	642657	647251	650281	646730	0.59	cps
Lead	208-1	2907704	2918111	2920687	2915501	0.24	cps
Lithium	6-1	1454377	1440655	1452201	1449078	0.51	cps
MagneSium	24-2	418783	414695	420323	417934	0.70	cps
ManganeSe	55-2	61953	62295	63052	62433	0.90	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	870555	875119	881695	875790	0.64	cps
Molybdenum	94-1	1007850	1017555	1023003	1016136	0.76	cps
Molybdenum	95-1	553535	554031	553088	553551	0.09	cps
Molybdenum	96-1	701409	706532	709054	705665	0.55	cps
Molybdenum	97-1	340142	339789	341180	340370	0.21	cps
Neodymium	150-1	80	67	67	71	10.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	79016	77940	79492	78816	1.01	cps
Phosphorus	31-2	1058	1125	1042	1075	4.10	cps
Potassium	39-2	120228	118404	120545	119726	0.97	cps
Rhodium	103-1	8400429	8357788	8461766	8406661	0.62	cps
Rhodium	103-2	2066620	2007241	1943177	2005679	3.08	cps
Scandium	45-1	5275004	5288959	5363514	5309159	0.90	cps
Scandium	45-2	39984	38847	37336	38723	3.43	cps
Selenium	77-2	77	87	87	83	6.93	cps
Selenium	78-2	343	343	309	331	5.81	cps
Selenium	82-1	16917	17006	17114	17012	0.58	cps
Silicon	28-1	971413	989992	1010676	990694	1.98	cps
Silver	109-1	1282844	1305003	1303298	1297049	0.95	cps
Silver	107-1	1349463	1358813	1354366	1354214	0.35	cps
Sodium	23-2	1021027	1024534	1027411	1024324	0.31	cps
Strontium	86-1	354330	351844	350175	352116	0.59	cps
Strontium	88-1	3074770	3062657	3046779	3061402	0.46	cps
Sulfur	34-1	509318	511024	503402	507915	0.79	cps
Terbium	159-1	11149508	11205510	11279607	11211542	0.58	cps
Terbium	159-2	2119870	2064286	1993569	2059242	3.07	cps
Thallium	203-1	885275	894085	892640	890667	0.53	cps
Thallium	205-1	2161248	2142411	2141427	2148362	0.52	cps
Tin	118-1	882502	889189	888044	886579	0.40	cps
Titanium	47-1	150949	143673	148765	147796	2.53	cps
Uranium	238-1	2693069	2727438	2723647	2714718	0.69	cps
Vanadium	51-2	83403	84225	84603	84077	0.73	cps
Yttrium	89-1	9627884	9737337	9754093	9706438	0.71	cps
Yttrium	89-2	267319	264878	250902	261033	3.39	cps
Zinc	66-2	35405	35974	37083	36154	2.36	cps
Zirconium	90-1	1962314	1957944	1960757	1960338	0.11	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:12:05	DataFile Name :	007CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	427124	431204	433142	430490	0.71	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32780	32229	32872	32627	1.07	cps
Antimony	121-1	2605615	2584917	2558645	2583059	0.91	cps
ArSenic	75-2	25639	25503	24934	25358	1.48	cps
Barium	135-1	2713833	2693971	2696491	2701431	0.40	cps
Barium	137-1	4659217	4718978	4669952	4682716	0.68	cps
Beryllium	9-1	354632	361280	358769	358227	0.94	cps
BiSmuth	209-1	6585375	6452072	6501698	6513048	1.03	cps
BiSmuth	209-2	1666345	1671139	1656517	1664667	0.45	cps
Boron	11-1	189300	195852	196299	193817	2.02	cps
Boron	10-1	40424	42314	41828	41522	2.36	cps
Cadmium	106-1	59716	59072	60210	59666	0.96	cps
Cadmium	108-1	38777	39554	39416	39249	1.06	cps
Cadmium	111-1	558882	558820	555105	557602	0.39	cps
Calcium	43-1	549036	550283	551469	550263	0.22	cps
Calcium	44-1	8967220	8912332	8941945	8940499	0.31	cps
Chromium	52-2	247906	248018	246533	247486	0.33	cps
Cobalt	59-2	474950	478174	476194	476439	0.34	cps
Copper	63-2	823980	825167	818457	822535	0.44	cps
DySproSium	156-1	58	100	33	64	52.72	cps
DySproSium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	33	108	61	67.27	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	100	92	58	83	26.46	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	11036752	10820109	10869150	10908670	1.04	cps
Holmium	165-2	2210465	2204449	2182867	2199260	0.66	cps
Indium	115-1	9299642	9020623	9091460	9137242	1.59	cps
Indium	115-2	354131	356854	347194	352726	1.41	cps
Iron	56-2	7494479	7493758	7428568	7472268	0.51	cps
Iron	57-2	187601	189667	187708	188325	0.62	cps
Lead	206-1	1450973	1469654	1475564	1465397	0.88	cps
Lead	207-1	1306207	1320388	1332916	1319837	1.01	cps
Lead	208-1	5982924	6055945	6073831	6037567	0.80	cps
Lithium	6-1	1477425	1458457	1466572	1467484	0.65	cps
MagneSium	24-2	825165	824199	823571	824312	0.10	cps
ManganeSe	55-2	120945	120736	119681	120454	0.56	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1796729	1830706	1794114	1807183	1.13	cps
Molybdenum	94-1	2064227	2071217	2051946	2062463	0.47	cps
Molybdenum	95-1	1096117	1099115	1093625	1096286	0.25	cps
Molybdenum	96-1	1403477	1430415	1440840	1424911	1.35	cps
Molybdenum	97-1	676545	673501	682518	677521	0.68	cps
Neodymium	150-1	140	93	107	113	21.21	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	150763	151493	148680	150312	0.97	cps
PhoSphoruS	31-2	2192	2484	2334	2336	6.24	cps
PotaSSium	39-2	229755	227204	226158	227706	0.81	cps
Rhodium	103-1	8486039	8254443	8352126	8364203	1.39	cps
Rhodium	103-2	2030206	2057266	1996623	2028032	1.50	cps
Scandium	45-1	5361820	5156968	5246992	5255260	1.95	cps
Scandium	45-2	40228	40057	39873	40053	0.44	cps
Selenium	77-2	197	183	173	184	6.35	cps
Selenium	78-2	663	648	570	627	7.93	cps
Selenium	82-1	33692	33674	33782	33716	0.17	cps
Silicon	28-1	1520713	1509926	1495823	1508821	0.83	cps
Silver	109-1	2627683	2638543	2618691	2628306	0.38	cps
Silver	107-1	2803990	2794846	2787607	2795481	0.29	cps
Sodium	23-2	2044620	2050784	2034202	2043202	0.41	cps
Strontium	86-1	696226	694335	690419	693660	0.43	cps
Strontium	88-1	6048959	6095954	6005500	6050138	0.75	cps
Sulfur	34-1	592058	591392	589610	591020	0.21	cps
Terbium	159-1	11633221	11210295	11475779	11439765	1.87	cps
Terbium	159-2	2108038	2127750	2096789	2110859	0.74	cps
Thallium	203-1	1818393	1836877	1840933	1832068	0.66	cps
Thallium	205-1	4289865	4394536	4381666	4355356	1.31	cps
Tin	118-1	1825740	1830756	1788043	1814846	1.29	cps
Titanium	47-1	293345	294876	291673	293298	0.55	cps
Uranium	238-1	5582411	5629385	5580418	5597405	0.50	cps
Vanadium	51-2	162921	164952	163396	163756	0.65	cps
Yttrium	89-1	9872800	9442827	9611079	9642235	2.25	cps
Yttrium	89-2	265433	264566	261846	263948	0.71	cps
Zinc	66-2	70133	70183	69718	70011	0.36	cps
Zirconium	90-1	3880445	3900771	3873979	3885065	0.36	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:15:28	DataFile Name :	008CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	863965	858510	855297	859257	0.51	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 13:18:45 DataFile Name : 009CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63618	62865	63936	63473	0.87	cps
Antimony	121-1	5184475	5157871	5106056	5149468	0.77	cps
ArSenic	75-2	48955	48501	48920	48792	0.52	cps
Barium	135-1	5430293	5404496	5376254	5403681	0.50	cps
Barium	137-1	9449890	9476917	9332672	9419826	0.81	cps
Beryllium	9-1	726963	729987	722358	726436	0.53	cps
BiSmuth	209-1	6915081	6807047	6898151	6873426	0.85	cps
BiSmuth	209-2	1629114	1636311	1642514	1635980	0.41	cps
Boron	11-1	386387	391865	396346	391532	1.27	cps
Boron	10-1	84969	85027	84850	84949	0.11	cps
Cadmium	106-1	116492	113944	117038	115825	1.43	cps
Cadmium	108-1	77861	77932	78045	77946	0.12	cps
Cadmium	111-1	1110619	1104841	1117365	1110942	0.56	cps
Calcium	43-1	1091978	1097970	1099145	1096364	0.35	cps
Calcium	44-1	17824655	17774028	17716287	17771657	0.31	cps
Chromium	52-2	476670	473705	477281	475885	0.40	cps
Cobalt	59-2	925169	917557	910806	917844	0.78	cps
Copper	63-2	1623321	1587107	1604947	1605125	1.13	cps
DySproSium	156-1	133	175	92	133	31.25	cps
DySproSium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	17	67	58	47	56.72	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	142	108	42	97	52.37	cps
Gadolinium	160-2	17	27	13	19	36.75	cps
Holmium	165-1	11415283	11292602	11288167	11332017	0.64	cps
Holmium	165-2	2140966	2170721	2135718	2149135	0.88	cps
Indium	115-1	9165684	9144575	9250053	9186771	0.61	cps
Indium	115-2	337599	334944	334250	335597	0.53	cps
Iron	56-2	14471566	14527041	14295601	14431403	0.84	cps
Iron	57-2	365103	361681	365093	363959	0.54	cps
Lead	206-1	3156698	3120478	3081977	3119717	1.20	cps
Lead	207-1	2847958	2873566	2845626	2855716	0.54	cps
Lead	208-1	12652999	12710603	12547455	12637019	0.65	cps
Lithium	6-1	1530457	1507907	1532632	1523665	0.90	cps
MagneSium	24-2	1635944	1627730	1655480	1639718	0.87	cps
ManganeSe	55-2	232015	232814	232354	232394	0.17	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:18:45	DataFile Name :	009CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3611492	3597384	3578145	3595674	0.47	cps
Molybdenum	94-1	4071901	4026584	4053237	4050574	0.56	cps
Molybdenum	95-1	2282673	2242937	2256179	2260596	0.90	cps
Molybdenum	96-1	2900683	2883794	2861116	2881864	0.69	cps
Molybdenum	97-1	1361972	1355904	1347988	1355288	0.52	cps
Neodymium	150-1	187	233	233	218	12.37	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	292713	291095	292708	292172	0.32	cps
Phosphorus	31-2	4443	4301	4301	4348	1.88	cps
Potassium	39-2	433281	425405	432643	430443	1.02	cps
Rhodium	103-1	8464518	8263469	8363883	8363957	1.20	cps
Rhodium	103-2	1991074	1972979	1950892	1971648	1.02	cps
Scandium	45-1	5360981	5276458	5342603	5326681	0.83	cps
Scandium	45-2	38068	38339	38466	38291	0.53	cps
Selenium	77-2	373	337	340	350	5.79	cps
Selenium	78-2	1033	1133	1165	1111	6.18	cps
Selenium	82-1	66009	66686	67022	66572	0.78	cps
Silicon	28-1	2504735	2509199	2508516	2507483	0.10	cps
Silver	109-1	5215838	5184462	5179983	5193428	0.38	cps
Silver	107-1	5415992	5418892	5486714	5440533	0.74	cps
Sodium	23-2	3967818	3880532	3945139	3931163	1.15	cps
Strontium	86-1	1380833	1379657	1379532	1380007	0.05	cps
Strontium	88-1	11889008	11871383	11875617	11878670	0.08	cps
Sulfur	34-1	747983	751075	739004	746020	0.84	cps
Terbium	159-1	12008249	11763776	11848379	11873468	1.05	cps
Terbium	159-2	2060184	2057715	2096671	2071524	1.05	cps
Thallium	203-1	3791181	3834355	3802007	3809181	0.59	cps
Thallium	205-1	8989480	8962441	8918396	8956772	0.40	cps
Tin	118-1	3623875	3659211	3591437	3624841	0.94	cps
Titanium	47-1	581932	582993	583987	582971	0.18	cps
Uranium	238-1	11805065	11798048	11758367	11787160	0.21	cps
Vanadium	51-2	317218	314271	316409	315966	0.48	cps
Yttrium	89-1	9804114	9539037	9706290	9683147	1.38	cps
Yttrium	89-2	254970	251853	251522	252782	0.75	cps
Zinc	66-2	135517	133610	134030	134386	0.75	cps
Zirconium	90-1	7685180	7632697	7648026	7655301	0.35	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:18:45	DataFile Name :	009CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1706361	1723314	1715889	1715188	0.50	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120163	119643	120541	120115	0.38	cps
Antimony	121-1	9868766	9880342	9844134	9864414	0.19	cps
ArSenic	75-2	91972	91249	91327	91516	0.43	cps
Barium	135-1	10628586	10477025	10566340	10557317	0.72	cps
Barium	137-1	18504524	18400365	18401857	18435582	0.32	cps
Beryllium	9-1	1420985	1387999	1433418	1414134	1.66	cps
BiSmuth	209-1	6360260	6864015	6882037	6702104	4.42	cps
BiSmuth	209-2	1551199	1571915	1573292	1565469	0.79	cps
Boron	11-1	783691	790106	800974	791590	1.10	cps
Boron	10-1	170192	172508	174996	172565	1.39	cps
Cadmium	106-1	217893	217705	217976	217858	0.06	cps
Cadmium	108-1	148095	147976	147032	147701	0.39	cps
Cadmium	111-1	2125249	2107744	2134413	2122469	0.64	cps
Calcium	43-1	2145424	2134949	2131190	2137188	0.35	cps
Calcium	44-1	34899012	34631632	34512511	34681052	0.57	cps
Chromium	52-2	807528	804232	821593	811118	1.14	cps
Cobalt	59-2	1778364	1744832	1745721	1756306	1.09	cps
Copper	63-2	3061202	3039500	3028665	3043122	0.54	cps
DySproSium	156-1	117	158	183	153	22.04	cps
DySproSium	156-2	37	43	20	33	36.05	cps
Erbium	164-1	50	58	83	64	27.15	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	142	117	150	136	12.75	cps
Gadolinium	160-2	20	10	17	16	32.73	cps
Holmium	165-1	10513299	11419101	11391661	11108020	4.64	cps
Holmium	165-2	2072295	2105944	2091225	2089821	0.81	cps
Indium	115-1	8254395	8930371	9016458	8733741	4.78	cps
Indium	115-2	311607	315597	311524	312909	0.74	cps
Iron	56-2	27462620	27219820	27259565	27314002	0.48	cps
Iron	57-2	694225	686036	685792	688684	0.70	cps
Lead	206-1	6060328	6073303	6074828	6069486	0.13	cps
Lead	207-1	5595159	5520273	5495168	5536867	0.94	cps
Lead	208-1	24789421	24630768	24595988	24672059	0.42	cps
Lithium	6-1	1435989	1538341	1527871	1500734	3.75	cps
MagneSium	24-2	3115783	3078686	3086879	3093783	0.63	cps
ManganeSe	55-2	436851	432592	432476	433973	0.57	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6796449	6770116	6831879	6799481	0.46	cps
Molybdenum	94-1	7782738	7885566	7784234	7817512	0.75	cps
Molybdenum	95-1	4302570	4278775	4290747	4290697	0.28	cps
Molybdenum	96-1	5545565	5498151	5480407	5508041	0.61	cps
Molybdenum	97-1	2636563	2666747	2638950	2647420	0.63	cps
Neodymium	150-1	400	460	320	393	17.86	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	508298	502119	502358	504258	0.69	cps
Phosphorus	31-2	8086	8353	8478	8306	2.41	cps
Potassium	39-2	812148	815378	806099	811208	0.58	cps
Rhodium	103-1	7462152	8113592	8132224	7902656	4.83	cps
Rhodium	103-2	1875012	1880057	1913128	1889399	1.10	cps
Scandium	45-1	4825106	5211734	5211666	5082835	4.39	cps
Scandium	45-2	36915	37724	37166	37268	1.11	cps
Selenium	77-2	600	580	577	586	2.15	cps
Selenium	78-2	1958	2034	1961	1984	2.16	cps
Selenium	82-1	127116	126120	126304	126513	0.42	cps
Silicon	28-1	4181473	4101875	4117473	4133607	1.02	cps
Silver	109-1	9625871	9606118	9724069	9652020	0.65	cps
Silver	107-1	10166915	10088578	10173789	10143094	0.47	cps
Sodium	23-2	7502117	7400741	7451171	7451343	0.68	cps
Strontium	86-1	2729437	2716825	2733740	2726668	0.32	cps
Strontium	88-1	23531669	23370164	23264610	23388814	0.58	cps
Sulfur	34-1	923222	903100	911314	912545	1.11	cps
Terbium	159-1	10817250	11691526	11803151	11437309	4.72	cps
Terbium	159-2	1980829	1996520	2003823	1993724	0.59	cps
Thallium	203-1	7488627	7397484	7423624	7436578	0.63	cps
Thallium	205-1	17687908	17566775	17564282	17606322	0.40	cps
Tin	118-1	7065459	6996762	7090355	7050859	0.69	cps
Titanium	47-1	1140468	1132154	1129471	1134031	0.51	cps
Uranium	238-1	24204285	24052555	24218204	24158348	0.38	cps
Vanadium	51-2	599206	596461	595045	596904	0.35	cps
Yttrium	89-1	8826786	9427308	9468619	9240904	3.89	cps
Yttrium	89-2	239991	238678	243688	240786	1.08	cps
Zinc	66-2	253604	250393	250845	251614	0.69	cps
Zirconium	90-1	15036370	14940015	15091541	15022642	0.51	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:21:57	DataFile Name :	010CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3346120	3364359	3344009	3351496	0.33	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CAL5_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	611733	616100	615089	614308	0.37	cps
Antimony	121-1	21142	20917	21426	21162	1.21	cps
ArSenic	75-2	35	31	20	29	26.58	cps
Barium	135-1	2934	2909	3075	2973	3.02	cps
Barium	137-1	6110	5510	6418	6013	7.69	cps
Beryllium	9-1	656	706	572	644	10.45	cps
BiSmuth	209-1	6388588	6398295	6490803	6425896	0.88	cps
BiSmuth	209-2	1496406	1502373	1325997	1441592	6.95	cps
Boron	11-1	29256	26960	25724	27313	6.56	cps
Boron	10-1	6227	5860	5143	5743	9.60	cps
Cadmium	106-1	2209	2142	2209	2186	1.76	cps
Cadmium	108-1	29	42	29	33	21.65	cps
Cadmium	111-1	1821	1766	1776	1788	1.66	cps
Calcium	43-1	10533860	10525809	10542401	10534023	0.08	cps
Calcium	44-1	172677996	172365041	171885737	172309591	0.23	cps
Chromium	52-2	5968	6091	6148	6069	1.52	cps
Cobalt	59-2	2034	2240	2044	2106	5.54	cps
Copper	63-2	4788	4654	4651	4698	1.66	cps
DySproSium	156-1	83	75	117	92	24.05	cps
DySproSium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	108	108	100	106	4.56	cps
Erbium	164-2	3	20	7	10	88.20	cps
Gadolinium	160-1	200	150	125	158	24.12	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	10974485	11135306	11211899	11107230	1.09	cps
Holmium	165-2	2087573	2095517	1855933	2013008	6.76	cps
Indium	115-1	8612490	8689122	8820092	8707235	1.21	cps
Indium	115-2	322605	319233	286122	309320	6.52	cps
Iron	56-2	134808639	135345372	135421320	135191777	0.25	cps
Iron	57-2	3411650	3408897	3416242	3412263	0.11	cps
Lead	206-1	9832	9787	9437	9685	2.23	cps
Lead	207-1	8303	8147	8542	8331	2.39	cps
Lead	208-1	38029	38096	37673	37932	0.60	cps
Lithium	6-1	1464214	1504887	1516136	1495079	1.83	cps
MagneSium	24-2	15365724	15333412	15328807	15342648	0.13	cps
ManganeSe	55-2	1370	1417	1523	1437	5.47	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9312	9362	9320	9331	0.29	cps
Molybdenum	94-1	4693	4651	4434	4593	3.02	cps
Molybdenum	95-1	6418	6002	5751	6057	5.56	cps
Molybdenum	96-1	9153	9420	9045	9206	2.10	cps
Molybdenum	97-1	3709	3834	4176	3906	6.19	cps
Neodymium	150-1	67	100	93	87	20.35	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	2017	2074	2020	2037	1.56	cps
PhoSphoruS	31-2	8	8	8	8	0.00	cps
PotaSSium	39-2	4049256	4069576	4107200	4075344	0.72	cps
Rhodium	103-1	7616869	7626855	7796587	7680104	1.32	cps
Rhodium	103-2	1843981	1843781	1593626	1760463	8.21	cps
Scandium	45-1	5048609	5106840	5162778	5106076	1.12	cps
Scandium	45-2	36966	36969	31923	35286	8.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-27	12	36	7	443.07	cps
Silicon	28-1	472281	477727	473203	474404	0.61	cps
Silver	109-1	883	975	1100	986	11.03	cps
Silver	107-1	1125	1125	1175	1142	2.53	cps
Sodium	23-2	37206131	37471470	37173175	37283592	0.44	cps
Strontium	86-1	91339	91951	92017	91769	0.41	cps
Strontium	88-1	794935	793474	798726	795712	0.34	cps
Sulfur	34-1	410356	412035	412871	411754	0.31	cps
Terbium	159-1	11407557	11510112	11499873	11472514	0.49	cps
Terbium	159-2	2021903	2003857	1788518	1938093	6.70	cps
Thallium	203-1	2975	2550	2384	2637	11.57	cps
Thallium	205-1	6469	6169	6352	6330	2.39	cps
Tin	118-1	5526	5568	5235	5443	3.34	cps
Titanium	47-1	892	825	808	842	5.24	cps
Uranium	238-1	2442	2242	2425	2370	4.68	cps
Vanadium	51-2	143	117	147	136	12.13	cps
Yttrium	89-1	9112003	9288540	9302564	9234369	1.15	cps
Yttrium	89-2	248620	248176	219852	238883	6.90	cps
Zinc	66-2	917	883	1010	937	7.01	cps
Zirconium	90-1	3259	3175	3034	3156	3.61	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:25:05	DataFile Name :	011CALS_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	517	667	631	15.99	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3434	3659	3326	3473	4.90	cps
Antimony	121-1	2022048	1993419	2031581	2015683	0.99	cps
ArSenic	75-2	19909	19647	19672	19743	0.73	cps
Barium	135-1	210677	211852	212461	211663	0.43	cps
Barium	137-1	367865	367617	367188	367556	0.09	cps
Beryllium	9-1	144468	140282	142463	142404	1.47	cps
BiSmuth	209-1	6958299	6854692	6856228	6889740	0.86	cps
BiSmuth	209-2	1711460	1702319	1685130	1699636	0.79	cps
Boron	11-1	506020	506811	507570	506800	0.15	cps
Boron	10-1	110759	108281	109432	109491	1.13	cps
Cadmium	106-1	37737	38539	39994	38757	2.95	cps
Cadmium	108-1	20908	21079	20863	20950	0.55	cps
Cadmium	111-1	226421	227267	230239	227976	0.88	cps
Calcium	43-1	47691	48577	51546	49271	4.10	cps
Calcium	44-1	792211	792721	793587	792840	0.09	cps
Chromium	52-2	86126	86374	85972	86157	0.24	cps
Cobalt	59-2	190903	187793	186852	188516	1.12	cps
Copper	63-2	163428	162939	163350	163239	0.16	cps
DySproSium	156-1	17	17	33	22	43.28	cps
DySproSium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	67	158	33	86	75.17	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	11172962	11258369	11267767	11233033	0.47	cps
Holmium	165-2	2246526	2217850	2184180	2216185	1.41	cps
Indium	115-1	9448577	9298031	9420043	9388884	0.85	cps
Indium	115-2	353714	355048	347449	352070	1.15	cps
Iron	56-2	583814	583650	574811	580758	0.89	cps
Iron	57-2	14669	14869	14191	14576	2.39	cps
Lead	206-1	1217748	1216604	1232691	1222348	0.73	cps
Lead	207-1	1056366	1057821	1059038	1057741	0.13	cps
Lead	208-1	4913575	4914869	4931562	4920002	0.20	cps
Lithium	6-1	1556349	1538295	1531554	1542066	0.83	cps
MagneSium	24-2	38679	39448	38461	38863	1.33	cps
ManganeSe	55-2	23276	23600	23310	23395	0.76	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3797341	3791731	3811708	3800260	0.27	cps
Molybdenum	94-1	4293200	4321818	4323940	4312986	0.40	cps
Molybdenum	95-1	2393324	2422885	2398734	2404981	0.65	cps
Molybdenum	96-1	3054095	3080940	3085884	3073640	0.56	cps
Molybdenum	97-1	1447940	1452786	1467522	1456083	0.70	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57053	56575	56019	56549	0.92	cps
PhoSphoruS	31-2	25	0	8	11	114.58	cps
PotaSSium	39-2	37785	38579	37008	37791	2.08	cps
Rhodium	103-1	8639839	8681805	8677039	8666228	0.27	cps
Rhodium	103-2	2100509	2091163	2081944	2091205	0.44	cps
Scandium	45-1	5441791	5397249	5407602	5415547	0.43	cps
Scandium	45-2	40692	40331	39111	40045	2.07	cps
Selenium	77-2	160	123	130	138	14.17	cps
Selenium	78-2	446	450	426	441	2.94	cps
Selenium	82-1	26659	26420	26506	26529	0.46	cps
Silicon	28-1	2519083	2502186	2506247	2509172	0.35	cps
Silver	109-1	1026916	1026118	1021889	1024974	0.26	cps
Silver	107-1	1076928	1072741	1078117	1075929	0.26	cps
Sodium	23-2	175419	173881	171631	173644	1.10	cps
Strontium	86-1	1517957	1501188	1529161	1516102	0.93	cps
Strontium	88-1	13112560	13006087	13033869	13050839	0.42	cps
Sulfur	34-1	400866	397308	398502	398892	0.45	cps
Terbium	159-1	11710713	11660510	11807881	11726368	0.64	cps
Terbium	159-2	2143509	2126264	2099105	2122959	1.05	cps
Thallium	203-1	1511886	1521299	1525034	1519406	0.45	cps
Thallium	205-1	3665454	3665738	3715645	3682279	0.78	cps
Tin	118-1	3936537	3911261	3967326	3938375	0.71	cps
Titanium	47-1	633569	629129	627392	630030	0.51	cps
Uranium	238-1	12957152	12934673	13038242	12976689	0.42	cps
Vanadium	51-2	64116	64508	63570	64065	0.74	cps
Yttrium	89-1	9885973	9820672	9848453	9851699	0.33	cps
Yttrium	89-2	268128	262138	261002	263756	1.45	cps
Zinc	66-2	27070	27805	27992	27622	1.76	cps
Zirconium	90-1	8175384	8172088	8198784	8182086	0.18	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:38:21	DataFile Name :	014ICV01_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1849548	1842241	1821352	1837714	0.80	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	50	22	108.27	cps
Antimony	121-1	1659	1475	1517	1550	6.20	cps
ArSenic	75-2	4	11	19	11	66.70	cps
Barium	135-1	83	108	117	103	16.88	cps
Barium	137-1	117	167	75	119	38.42	cps
Beryllium	9-1	367	356	406	376	6.98	cps
BiSmuth	209-1	6889692	6867711	6902638	6886680	0.26	cps
BiSmuth	209-2	1690593	1700352	1700748	1697231	0.34	cps
Boron	11-1	10446	9695	9637	9926	4.54	cps
Boron	10-1	2442	2392	2434	2423	1.11	cps
Cadmium	106-1	2167	1925	2292	2128	8.76	cps
Cadmium	108-1	29	13	21	21	40.01	cps
Cadmium	111-1	1534	1364	1615	1504	8.51	cps
Calcium	43-1	1634	1675	1400	1570	9.44	cps
Calcium	44-1	35697	36457	35989	36047	1.06	cps
Chromium	52-2	993	977	840	937	8.98	cps
Cobalt	59-2	53	100	150	101	47.81	cps
Copper	63-2	180	210	217	202	9.66	cps
DySproSium	156-1	42	8	8	19	99.00	cps
DySproSium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	67	117	42	75	50.92	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	11245694	11261446	11251150	11252763	0.07	cps
Holmium	165-2	2182501	2220440	2195213	2199385	0.88	cps
Indium	115-1	9399331	9420011	9423914	9414419	0.14	cps
Indium	115-2	356630	359595	358924	358383	0.43	cps
Iron	56-2	2606	2767	2950	2774	6.21	cps
Iron	57-2	78	83	94	85	9.96	cps
Lead	206-1	1156	1028	1022	1069	7.06	cps
Lead	207-1	1017	906	839	920	9.76	cps
Lead	208-1	4556	4395	4089	4347	5.45	cps
Lithium	6-1	1526919	1542142	1572567	1547209	1.50	cps
MagneSium	24-2	208	275	283	256	16.09	cps
ManganeSe	55-2	83	73	63	73	13.64	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2075	1725	1825	1875	9.62	cps
Molybdenum	94-1	1425	1308	1225	1320	7.61	cps
Molybdenum	95-1	1392	1108	933	1145	20.21	cps
Molybdenum	96-1	1667	1475	1308	1483	12.09	cps
Molybdenum	97-1	1017	833	750	867	15.74	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	533	517	553	534	3.44	cps
PhoSphoruS	31-2	0	0	25	8	173.21	cps
PotaSSium	39-2	2800	2842	2842	2828	0.85	cps
Rhodium	103-1	8748804	8751830	8711603	8737412	0.26	cps
Rhodium	103-2	2078378	2108793	2110557	2099242	0.86	cps
Scandium	45-1	5345760	5436657	5384484	5388967	0.85	cps
Scandium	45-2	38921	40081	40124	39708	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-75	-47	-65	-62	-22.11	cps
Silicon	28-1	448583	443868	440239	444230	0.94	cps
Silver	109-1	400	342	233	325	26.02	cps
Silver	107-1	458	325	342	375	19.37	cps
Sodium	23-2	17428	16952	17553	17311	1.83	cps
Strontium	86-1	967	1067	933	989	7.02	cps
Strontium	88-1	1584	1275	1050	1303	20.55	cps
Sulfur	34-1	400746	398101	400129	399659	0.35	cps
Terbium	159-1	11713006	11790064	11608983	11704017	0.78	cps
Terbium	159-2	2105945	2119064	2153384	2126131	1.15	cps
Thallium	203-1	550	500	642	564	12.74	cps
Thallium	205-1	1367	1292	1408	1356	4.36	cps
Tin	118-1	3851	3467	3059	3459	11.45	cps
Titanium	47-1	258	208	233	233	10.72	cps
Uranium	238-1	1692	1425	1233	1450	15.88	cps
Vanadium	51-2	17	7	27	17	59.99	cps
Yttrium	89-1	9756726	9881747	9801491	9813321	0.65	cps
Yttrium	89-2	263069	265193	262731	263664	0.51	cps
Zinc	66-2	47	37	47	43	13.32	cps
Zirconium	90-1	1867	1575	1442	1628	13.35	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:41:26	DataFile Name :	015CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	258	358	336	20.64	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585236	577269	568737	577081	1.43	cps
Antimony	121-1	11939	11614	11947	11833	1.61	cps
ArSenic	75-2	41	26	35	34	22.04	cps
Barium	135-1	3267	2984	3434	3228	7.05	cps
Barium	137-1	5326	5693	5226	5415	4.54	cps
Beryllium	9-1	639	672	694	669	4.18	cps
BiSmuth	209-1	6719242	6597649	6760468	6692453	1.26	cps
BiSmuth	209-2	1579346	1570610	1579383	1576446	0.32	cps
Boron	11-1	10546	9837	10046	10143	3.59	cps
Boron	10-1	2359	2150	2092	2200	6.37	cps
Cadmium	106-1	2067	2350	2367	2261	7.46	cps
Cadmium	108-1	1213	1163	1013	1129	9.22	cps
Cadmium	111-1	1927	2140	2323	2130	9.30	cps
Calcium	43-1	2162430	2095742	2152385	2136853	1.68	cps
Calcium	44-1	34823974	34613653	34900404	34779343	0.43	cps
Chromium	52-2	20522	20358	20268	20383	0.63	cps
Cobalt	59-2	2210	2224	2194	2209	0.68	cps
Copper	63-2	12619	12079	12422	12373	2.21	cps
DySproSium	156-1	75	50	58	61	20.83	cps
DySproSium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	27	7	17	17	59.99	cps
Gadolinium	160-1	75	167	83	108	46.79	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	11452513	11329809	11534001	11438774	0.90	cps
Holmium	165-2	2158753	2177807	2098759	2145106	1.92	cps
Indium	115-1	9236376	9060444	9257145	9184655	1.18	cps
Indium	115-2	334267	332474	334391	333711	0.32	cps
Iron	56-2	55604764	54377847	54677232	54886614	1.17	cps
Iron	57-2	1409452	1371265	1385690	1388802	1.39	cps
Lead	206-1	28494	27976	27903	28124	1.14	cps
Lead	207-1	23199	21702	21402	22101	4.36	cps
Lead	208-1	106757	104592	103672	105007	1.51	cps
Lithium	6-1	1521194	1479745	1540975	1513971	2.06	cps
MagneSium	24-2	3165006	3149716	3144428	3153050	0.34	cps
ManganeSe	55-2	1910	1770	1917	1866	4.44	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13250992	13163204	13245861	13220019	0.37	cps
Molybdenum	94-1	4608410	4619595	4637868	4621958	0.32	cps
Molybdenum	95-1	8258632	8240467	8203927	8234342	0.34	cps
Molybdenum	96-1	8857897	8780147	8805202	8814415	0.45	cps
Molybdenum	97-1	5092052	5009761	5079165	5060326	0.87	cps
Neodymium	150-1	33	27	60	40	44.09	cps
Neodymium	150-2	23	0	0	8	173.21	cps
Nickel	60-2	4474	4658	4584	4572	2.02	cps
PhoSphoruS	31-2	41846	41905	42331	42027	0.63	cps
PotaSSium	39-2	1675065	1658149	1648197	1660470	0.82	cps
Rhodium	103-1	8376968	8174717	8409529	8320405	1.53	cps
Rhodium	103-2	1961731	1948296	1944590	1951539	0.46	cps
Scandium	45-1	5444426	5222215	5441645	5369429	2.37	cps
Scandium	45-2	38102	37741	38687	38176	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-38	-90	21	-36	-156.13	cps
Silicon	28-1	596570	581570	590836	589659	1.28	cps
Silver	109-1	1467	1767	1950	1728	14.12	cps
Silver	107-1	1467	1917	2150	1845	18.83	cps
Sodium	23-2	7615444	7579841	7461987	7552424	1.06	cps
Strontium	86-1	91992	90055	90507	90851	1.12	cps
Strontium	88-1	802245	802069	800960	801758	0.09	cps
Sulfur	34-1	2868091	2786034	2864981	2839702	1.64	cps
Terbium	159-1	11999189	11712305	11964478	11891991	1.32	cps
Terbium	159-2	2070947	2056088	2037936	2054990	0.80	cps
Thallium	203-1	908	967	942	939	3.12	cps
Thallium	205-1	1817	2100	1759	1892	9.66	cps
Tin	118-1	2659	2751	2600	2670	2.83	cps
Titanium	47-1	2255482	2221836	2251584	2242967	0.82	cps
Uranium	238-1	608	675	550	611	10.24	cps
Vanadium	51-2	117	150	147	138	13.32	cps
Yttrium	89-1	9725391	9605457	9864091	9731646	1.33	cps
Yttrium	89-2	254167	251293	253065	252841	0.57	cps
Zinc	66-2	1483	1520	1453	1486	2.25	cps
Zirconium	90-1	1550	1609	1800	1653	7.91	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:44:35	DataFile Name :	016ICSA01_P8092117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	408	317	386	15.91	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	568164	571003	574751	571306	0.58	cps
Antimony	121-1	208256	209044	208857	208719	0.20	cps
ArSenic	75-2	1924	1954	1880	1919	1.94	cps
Barium	135-1	44685	45939	45253	45293	1.39	cps
Barium	137-1	78400	78910	79791	79034	0.89	cps
Beryllium	9-1	28846	29136	29119	29034	0.56	cps
BiSmuth	209-1	6753713	6755921	6619799	6709811	1.16	cps
BiSmuth	209-2	1602145	1607203	1610179	1606509	0.25	cps
Boron	11-1	8486	9003	8161	8550	4.97	cps
Boron	10-1	2034	1659	1867	1853	10.14	cps
Cadmium	106-1	5626	5777	5726	5710	1.34	cps
Cadmium	108-1	3859	3784	3692	3778	2.21	cps
Cadmium	111-1	44043	44033	43774	43950	0.35	cps
Calcium	43-1	2141555	2145323	2173716	2153532	0.82	cps
Calcium	44-1	34777047	34573635	34809085	34719922	0.37	cps
Chromium	52-2	35629	36922	36902	36484	2.03	cps
Cobalt	59-2	38537	38687	37808	38344	1.23	cps
Copper	63-2	43458	43826	43796	43693	0.47	cps
DySproSium	156-1	67	50	75	64	19.92	cps
DySproSium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	92	33	33	53	63.82	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	92	175	167	144	31.78	cps
Gadolinium	160-2	13	20	23	19	26.96	cps
Holmium	165-1	11422435	11416743	11397914	11412364	0.11	cps
Holmium	165-2	2194759	2172606	2214698	2194021	0.96	cps
Indium	115-1	9196189	9255863	9278696	9243583	0.46	cps
Indium	115-2	340737	340088	342530	341118	0.37	cps
Iron	56-2	54509901	54509358	54744486	54587915	0.25	cps
Iron	57-2	1379884	1370035	1374625	1374848	0.36	cps
Lead	206-1	149463	148081	149277	148941	0.50	cps
Lead	207-1	124500	122930	124218	123883	0.68	cps
Lead	208-1	575130	570120	572494	572582	0.44	cps
Lithium	6-1	1510183	1530684	1508096	1516321	0.82	cps
MagneSium	24-2	3085125	3113927	3144342	3114465	0.95	cps
ManganeSe	55-2	6295	6205	6568	6356	2.98	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13263856	13050339	13183609	13165934	0.82	cps
Molybdenum	94-1	4692582	4678611	4627143	4666112	0.74	cps
Molybdenum	95-1	8302944	8203073	8199043	8235020	0.71	cps
Molybdenum	96-1	8811179	8831848	8810135	8817721	0.14	cps
Molybdenum	97-1	5072692	5039405	4994340	5035479	0.78	cps
Neodymium	150-1	73	33	47	51	39.86	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	15142	15389	15128	15220	0.96	cps
PhoSphoruS	31-2	41353	42047	42056	41819	0.96	cps
PotaSSium	39-2	1661680	1679196	1680729	1673869	0.63	cps
Rhodium	103-1	8334528	8297053	8330932	8320837	0.25	cps
Rhodium	103-2	2010785	1992972	1984828	1996195	0.67	cps
Scandium	45-1	5286640	5396565	5395367	5359524	1.18	cps
Scandium	45-2	38409	39526	38763	38899	1.47	cps
Selenium	77-2	23	27	13	21	32.88	cps
Selenium	78-2	39	35	54	43	23.00	cps
Selenium	82-1	2598	2728	2650	2658	2.47	cps
Silicon	28-1	599767	596821	597640	598076	0.25	cps
Silver	109-1	191814	189897	190348	190686	0.53	cps
Silver	107-1	199920	203854	200697	201490	1.03	cps
Sodium	23-2	7366428	7428064	7483721	7426071	0.79	cps
Strontium	86-1	92219	91690	91766	91892	0.31	cps
Strontium	88-1	795000	799761	799903	798221	0.35	cps
Sulfur	34-1	2812680	2828974	2817046	2819567	0.30	cps
Terbium	159-1	12018599	11932415	11894888	11948634	0.53	cps
Terbium	159-2	2120915	2110474	2098477	2109955	0.53	cps
Thallium	203-1	148820	148846	149530	149065	0.27	cps
Thallium	205-1	353526	353646	354021	353731	0.07	cps
Tin	118-1	2242	5957	2534	3577	57.74	cps
Titanium	47-1	2237750	2264488	2245521	2249253	0.61	cps
Uranium	238-1	517	533	692	581	16.64	cps
Vanadium	51-2	12552	13220	12779	12851	2.64	cps
Yttrium	89-1	9753390	9860993	9722531	9778971	0.74	cps
Yttrium	89-2	258545	256897	257176	257539	0.34	cps
Zinc	66-2	4021	4204	4364	4196	4.10	cps
Zirconium	90-1	1208	1358	1375	1314	6.99	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:47:39	DataFile Name :	017ICSB_P8092117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	158	267	242	30.65	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324709	324766	322118	323864	0.47	cps
Antimony	121-1	5194830	5179094	5148964	5174296	0.45	cps
ArSenic	75-2	49354	49661	49362	49459	0.35	cps
Barium	135-1	5509149	5464966	5482426	5485514	0.41	cps
Barium	137-1	9541445	9548980	9526688	9539038	0.12	cps
Beryllium	9-1	735156	726320	725144	728873	0.75	cps
BiSmuth	209-1	6564750	6525923	6650682	6580452	0.97	cps
BiSmuth	209-2	1608158	1443159	1576273	1542530	5.67	cps
Boron	11-1	395216	398228	403975	399140	1.11	cps
Boron	10-1	85898	86469	88355	86908	1.48	cps
Cadmium	106-1	111946	115576	114373	113965	1.62	cps
Cadmium	108-1	76076	77500	77186	76921	0.97	cps
Cadmium	111-1	1087492	1086974	1083042	1085836	0.22	cps
Calcium	43-1	5445472	5415558	5440885	5433971	0.30	cps
Calcium	44-1	89379846	88467804	89315571	89054407	0.57	cps
Chromium	52-2	435293	439266	430954	435171	0.96	cps
Cobalt	59-2	915251	911384	908240	911625	0.39	cps
Copper	63-2	1566949	1566374	1578339	1570554	0.43	cps
DySproSium	156-1	142	75	83	100	36.32	cps
DySproSium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	100	75	67	81	21.53	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	108	133	108	117	12.37	cps
Gadolinium	160-2	17	3	30	17	80.01	cps
Holmium	165-1	11223890	11208408	11436255	11289518	1.13	cps
Holmium	165-2	2237096	1983043	2146959	2122366	6.07	cps
Indium	115-1	9017954	9025323	9087201	9043492	0.42	cps
Indium	115-2	340690	303964	330940	325198	5.85	cps
Iron	56-2	70159849	70239690	70078075	70159205	0.12	cps
Iron	57-2	1811641	1777841	1795963	1795148	0.94	cps
Lead	206-1	3140827	3109287	3085144	3111752	0.90	cps
Lead	207-1	2843533	2814432	2829180	2829048	0.51	cps
Lead	208-1	12679695	12536041	12562919	12592885	0.61	cps
Lithium	6-1	1486070	1481725	1526125	1497973	1.63	cps
MagneSium	24-2	8022800	8006154	8007619	8012191	0.12	cps
ManganeSe	55-2	235515	235033	234901	235150	0.14	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3582708	3569387	3603671	3585255	0.48	cps
Molybdenum	94-1	4138005	4101321	4116887	4118738	0.45	cps
Molybdenum	95-1	2238202	2253360	2298714	2263425	1.39	cps
Molybdenum	96-1	2909903	2917840	2914976	2914240	0.14	cps
Molybdenum	97-1	1358203	1347635	1351204	1352347	0.40	cps
Neodymium	150-1	227	187	260	224	16.36	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	265685	264971	266489	265715	0.29	cps
PhoSphoruS	31-2	4526	4634	4551	4570	1.24	cps
PotaSSium	39-2	2180157	2138946	2174867	2164657	1.04	cps
Rhodium	103-1	8059974	8124452	8250278	8144901	1.19	cps
Rhodium	103-2	1996101	1755386	1931217	1894235	6.57	cps
Scandium	45-1	5256832	5266089	5374285	5299069	1.23	cps
Scandium	45-2	39716	35933	38844	38164	5.19	cps
Selenium	77-2	293	307	327	309	5.43	cps
Selenium	78-2	1095	1113	1096	1101	0.93	cps
Selenium	82-1	65586	66074	65949	65870	0.38	cps
Silicon	28-1	2449345	2387777	2384954	2407359	1.51	cps
Silver	109-1	5090267	5055131	5059743	5068380	0.38	cps
Silver	107-1	5306195	5361243	5320043	5329160	0.54	cps
Sodium	23-2	19280875	19310086	19221421	19270794	0.23	cps
Strontium	86-1	1451433	1452757	1444185	1449458	0.32	cps
Strontium	88-1	12414109	12511275	12432404	12452596	0.41	cps
Sulfur	34-1	739950	738856	736361	738389	0.25	cps
Terbium	159-1	11579068	11735798	11838853	11717906	1.12	cps
Terbium	159-2	2125747	1896075	2089403	2037075	6.06	cps
Thallium	203-1	3824272	3786634	3801983	3804296	0.50	cps
Thallium	205-1	8972675	8926987	8886900	8928854	0.48	cps
Tin	118-1	3656736	3598111	3625470	3626772	0.81	cps
Titanium	47-1	592178	588318	592476	590991	0.39	cps
Uranium	238-1	12168900	11888517	12088881	12048766	1.20	cps
Vanadium	51-2	324548	328158	325033	325913	0.60	cps
Yttrium	89-1	9562147	9566848	9738010	9622335	1.04	cps
Yttrium	89-2	263244	234437	255297	250993	5.93	cps
Zinc	66-2	129612	130392	129541	129849	0.36	cps
Zirconium	90-1	7861836	7859333	7787750	7836307	0.54	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:50:42	DataFile Name :	018CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1757503	1762180	1755596	1758426	0.19	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	2900	2492	2409	2600	10.12	cps
ArSenic	75-2	4	2	9	5	78.12	cps
Barium	135-1	250	100	50	133	78.06	cps
Barium	137-1	333	133	75	181	75.04	cps
Beryllium	9-1	400	389	389	393	1.63	cps
BiSmuth	209-1	6780146	6895415	6906742	6860768	1.02	cps
BiSmuth	209-2	1682259	1589466	1630918	1634214	2.84	cps
Boron	11-1	13991	13298	12314	13201	6.38	cps
Boron	10-1	2992	2750	2784	2842	4.61	cps
Cadmium	106-1	2125	1925	1750	1934	9.71	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Cadmium	111-1	1578	1375	1293	1415	10.37	cps
Calcium	43-1	1775	1767	1634	1725	4.61	cps
Calcium	44-1	39365	37117	36574	37685	3.93	cps
Chromium	52-2	817	853	847	839	2.33	cps
Cobalt	59-2	73	80	40	64	33.25	cps
Copper	63-2	337	340	273	317	11.86	cps
DySproSium	156-1	8	0	8	6	86.60	cps
DySproSium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	75	67	8	50	72.65	cps
Erbium	164-2	13	20	3	12	68.66	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	11096583	11175029	11289065	11186892	0.87	cps
Holmium	165-2	2195413	2076874	2128284	2133523	2.79	cps
Indium	115-1	9302180	9443570	9546718	9430823	1.30	cps
Indium	115-2	355398	332435	341080	342971	3.38	cps
Iron	56-2	3940	4262	3895	4032	4.96	cps
Iron	57-2	67	78	117	87	30.16	cps
Lead	206-1	1183	1072	1156	1137	5.09	cps
Lead	207-1	978	917	1061	985	7.36	cps
Lead	208-1	4695	4528	4895	4706	3.90	cps
Lithium	6-1	1499394	1548132	1556323	1534617	2.01	cps
MagneSium	24-2	325	308	250	294	13.38	cps
ManganeSe	55-2	73	43	67	61	25.78	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3126	2784	2775	2895	6.90	cps
Molybdenum	94-1	1684	1442	1517	1547	8.00	cps
Molybdenum	95-1	1834	1759	1742	1778	2.75	cps
Molybdenum	96-1	2392	2050	2250	2231	7.70	cps
Molybdenum	97-1	1250	1317	1242	1270	3.24	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	623	600	613	612	1.91	cps
PhoSphoruS	31-2	8	17	8	11	43.34	cps
PotaSSium	39-2	2959	3276	3109	3114	5.09	cps
Rhodium	103-1	8487410	8638489	8579915	8568604	0.89	cps
Rhodium	103-2	2085385	1962597	2029418	2025800	3.03	cps
Scandium	45-1	5291808	5364027	5376287	5344041	0.85	cps
Scandium	45-2	38794	36902	37958	37885	2.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-73	-22	-13	-36	-90.01	cps
Silicon	28-1	434817	439548	439037	437801	0.59	cps
Silver	109-1	650	650	700	667	4.33	cps
Silver	107-1	617	575	633	608	4.94	cps
Sodium	23-2	20599	21091	20699	20797	1.25	cps
Strontium	86-1	1008	1117	1058	1061	5.11	cps
Strontium	88-1	658	392	350	467	35.85	cps
Sulfur	34-1	393914	398795	398270	396993	0.67	cps
Terbium	159-1	11508198	11838497	11738603	11695099	1.45	cps
Terbium	159-2	2111182	1997605	2049801	2052863	2.77	cps
Thallium	203-1	1333	1142	1017	1164	13.70	cps
Thallium	205-1	3151	2709	2342	2734	14.81	cps
Tin	118-1	2009	1717	1809	1845	8.09	cps
Titanium	47-1	208	183	167	186	11.27	cps
Uranium	238-1	458	333	358	383	17.26	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	9607169	9725886	9851501	9728186	1.26	cps
Yttrium	89-2	260685	246448	253613	253582	2.81	cps
Zinc	66-2	60	60	77	66	14.68	cps
Zirconium	90-1	1283	1117	1117	1172	8.21	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:53:41	DataFile Name :	019CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	242	225	272	24.93	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 13:56:50 DataFile Name : 020SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	133	133	150	19.24	cps
Antimony	121-1	20300	19423	18856	19526	3.73	cps
ArSenic	75-2	109	100	113	107	6.22	cps
Barium	135-1	19115	18030	18555	18567	2.92	cps
Barium	137-1	32550	32290	33000	32613	1.10	cps
Beryllium	9-1	1617	1500	1650	1589	4.96	cps
BiSmuth	209-1	6708419	6575116	6675843	6653126	1.04	cps
BiSmuth	209-2	1650996	1649483	1645026	1648502	0.19	cps
Boron	11-1	25448	24547	24180	24725	2.64	cps
Boron	10-1	5351	5601	5643	5532	2.85	cps
Cadmium	106-1	2067	1942	2392	2134	10.89	cps
Cadmium	108-1	163	175	121	153	18.56	cps
Cadmium	111-1	3375	3404	3532	3437	2.43	cps
Calcium	43-1	11772	11564	11664	11666	0.89	cps
Calcium	44-1	195983	196787	196685	196485	0.22	cps
Chromium	52-2	2530	2530	2507	2522	0.53	cps
Cobalt	59-2	1710	1960	1810	1827	6.89	cps
Copper	63-2	3471	3727	3587	3595	3.58	cps
DySproSium	156-1	33	33	25	31	15.75	cps
DySproSium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	50	58	150	86	64.44	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	11004967	10865636	11013287	10961297	0.76	cps
Holmium	165-2	2201590	2186804	2148186	2178860	1.27	cps
Indium	115-1	9268263	9059022	9303917	9210401	1.44	cps
Indium	115-2	352336	352728	354046	353037	0.25	cps
Iron	56-2	30283	30222	29504	30003	1.44	cps
Iron	57-2	778	772	728	759	3.61	cps
Lead	206-1	6769	6802	6863	6811	0.70	cps
Lead	207-1	6024	6118	6052	6065	0.80	cps
Lead	208-1	28035	27907	27112	27685	1.81	cps
Lithium	6-1	1490516	1490131	1511684	1497444	0.82	cps
MagneSium	24-2	14708	14817	14750	14758	0.37	cps
ManganeSe	55-2	260	263	330	284	13.88	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:56:50	DataFile Name :	020SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	32665	31938	31179	31927	2.33	cps
Molybdenum	94-1	16169	16352	16411	16310	0.77	cps
Molybdenum	95-1	20174	19882	19732	19929	1.13	cps
Molybdenum	96-1	21927	21777	21459	21721	1.10	cps
Molybdenum	97-1	12148	11772	12056	11992	1.63	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1120	1157	1070	1116	3.90	cps
PhoSphoruS	31-2	0	0	17	6	173.21	cps
PotaSSium	39-2	10738	10571	10988	10766	1.95	cps
Rhodium	103-1	8560999	8476939	8553470	8530469	0.55	cps
Rhodium	103-2	2081248	2061772	2041672	2061564	0.96	cps
Scandium	45-1	5326459	5193407	5336144	5285337	1.51	cps
Scandium	45-2	38897	38947	38767	38871	0.24	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	7	13	13	11	28.84	cps
Selenium	82-1	560	528	572	553	4.15	cps
Silicon	28-1	487232	475615	484511	482453	1.26	cps
Silver	109-1	12548	12398	12390	12445	0.72	cps
Silver	107-1	12948	13415	13307	13224	1.85	cps
Sodium	23-2	52481	54205	52765	53150	1.74	cps
Strontium	86-1	3509	3417	3484	3470	1.37	cps
Strontium	88-1	22194	22903	22653	22583	1.59	cps
Sulfur	34-1	399158	397352	396635	397715	0.33	cps
Terbium	159-1	11424129	11359992	11503145	11429089	0.63	cps
Terbium	159-2	2123252	2101830	2085042	2103375	0.91	cps
Thallium	203-1	7127	6877	7202	7069	2.41	cps
Thallium	205-1	17154	17079	17363	17198	0.86	cps
Tin	118-1	32984	32591	33242	32939	1.00	cps
Titanium	47-1	5593	5351	5318	5421	2.77	cps
Uranium	238-1	20484	20142	20885	20504	1.81	cps
Vanadium	51-2	2717	2714	2837	2756	2.55	cps
Yttrium	89-1	9558881	9420756	9630616	9536751	1.12	cps
Yttrium	89-2	262753	261544	258477	260925	0.84	cps
Zinc	66-2	357	317	327	333	6.24	cps
Zirconium	90-1	15009	14016	14483	14503	3.42	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:56:50	DataFile Name :	020SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3167	3151	3559	3292	7.02	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BL	Instrumnet Name :	P8
Client Sample ID :	PB102405BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:59:58	DataFile Name :	021CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	408	525	625	519	20.88	cps
ArSenic	75-2	9	7	2	6	62.47	cps
Barium	135-1	67	33	92	64	45.81	cps
Barium	137-1	42	92	75	69	36.66	cps
Beryllium	9-1	244	250	217	237	7.54	cps
BiSmuth	209-1	6498686	6784909	6678591	6654062	2.17	cps
BiSmuth	209-2	1616027	1648607	1662940	1642525	1.46	cps
Boron	11-1	7811	7302	7235	7449	4.22	cps
Boron	10-1	1850	1483	1508	1614	12.70	cps
Cadmium	106-1	1992	2109	1992	2031	3.32	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Cadmium	111-1	1394	1484	1419	1432	3.24	cps
Calcium	43-1	1825	1784	1734	1781	2.58	cps
Calcium	44-1	35629	34393	36156	35393	2.56	cps
Chromium	52-2	530	587	583	567	5.61	cps
Cobalt	59-2	47	60	33	47	28.58	cps
Copper	63-2	227	253	200	227	11.76	cps
DySproSium	156-1	33	17	25	25	33.32	cps
DySproSium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	100	42	83	75	40.06	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	10917810	10970410	10957824	10948681	0.25	cps
Holmium	165-2	2125157	2146327	2173915	2148466	1.14	cps
Indium	115-1	9130182	9412671	9251215	9264689	1.53	cps
Indium	115-2	338974	350669	353634	347759	2.23	cps
Iron	56-2	2350	2106	2423	2293	7.24	cps
Iron	57-2	33	33	56	41	31.50	cps
Lead	206-1	1033	1067	850	983	11.86	cps
Lead	207-1	845	845	800	830	3.09	cps
Lead	208-1	3911	3850	3573	3778	4.78	cps
Lithium	6-1	1490541	1507497	1499350	1499129	0.57	cps
MagneSium	24-2	233	233	242	236	2.04	cps
ManganeSe	55-2	90	57	53	67	30.41	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BL	Instrumnet Name :	P8
Client Sample ID :	PB102405BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:59:58	DataFile Name :	021CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	975	775	792	847	13.10	cps
Molybdenum	94-1	567	650	625	614	6.97	cps
Molybdenum	95-1	583	700	575	619	11.28	cps
Molybdenum	96-1	675	683	583	647	8.57	cps
Molybdenum	97-1	367	383	358	369	3.45	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	720	677	676	6.66	cps
PhoSphoruS	31-2	33	8	17	19	65.47	cps
PotaSSium	39-2	3059	2792	3084	2978	5.43	cps
Rhodium	103-1	8399174	8653325	8405733	8486077	1.71	cps
Rhodium	103-2	2005556	2065048	2057828	2042811	1.59	cps
Scandium	45-1	5249893	5309244	5234484	5264540	0.75	cps
Scandium	45-2	36929	38349	38730	38003	2.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	76	-69	37	15	510.14	cps
Silicon	28-1	434393	432081	433305	433260	0.27	cps
Silver	109-1	200	325	375	300	30.05	cps
Silver	107-1	392	408	425	408	4.08	cps
Sodium	23-2	16135	16168	16193	16165	0.18	cps
Strontium	86-1	958	967	1117	1014	8.79	cps
Strontium	88-1	275	208	217	233	15.57	cps
Sulfur	34-1	406701	407942	405814	406819	0.26	cps
Terbium	159-1	11284827	11396351	11442882	11374686	0.71	cps
Terbium	159-2	2024701	2114068	2088478	2075749	2.22	cps
Thallium	203-1	458	467	450	458	1.82	cps
Thallium	205-1	900	908	1025	945	7.40	cps
Tin	118-1	1092	958	1067	1039	6.82	cps
Titanium	47-1	167	133	200	167	20.00	cps
Uranium	238-1	75	108	108	97	19.80	cps
Vanadium	51-2	17	20	17	18	10.81	cps
Yttrium	89-1	9448795	9657813	9512879	9539829	1.12	cps
Yttrium	89-2	251115	258960	258509	256194	1.72	cps
Zinc	66-2	40	63	100	68	44.63	cps
Zirconium	90-1	783	825	850	820	4.11	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BL	Instrumnet Name :	P8
Client Sample ID :	PB102405BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 13:59:58	DataFile Name :	021CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	125	106	19.87	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66958	66674	66523	66718	0.33	cps
Antimony	121-1	5204177	5124503	5224049	5184243	1.02	cps
ArSenic	75-2	51594	51919	51865	51793	0.34	cps
Barium	135-1	5483514	5385367	5500511	5456464	1.14	cps
Barium	137-1	9458625	9402713	9573391	9478243	0.92	cps
Beryllium	9-1	736543	731159	740709	736137	0.65	cps
BiSmuth	209-1	6781862	6792552	6821853	6798755	0.30	cps
BiSmuth	209-2	1688060	1690040	1710591	1696230	0.74	cps
Boron	11-1	382687	388027	399939	390218	2.26	cps
Boron	10-1	82563	84288	87399	84750	2.89	cps
Cadmium	106-1	116155	116862	117482	116833	0.57	cps
Cadmium	108-1	78653	78661	78279	78531	0.28	cps
Cadmium	111-1	1118981	1117957	1129997	1122312	0.59	cps
Calcium	43-1	1108211	1111449	1114630	1111430	0.29	cps
Calcium	44-1	18217279	18061642	18160495	18146472	0.43	cps
Chromium	52-2	502520	500612	497944	500359	0.46	cps
Cobalt	59-2	965182	963898	954252	961111	0.62	cps
Copper	63-2	1717110	1679438	1702042	1699530	1.12	cps
DySproSium	156-1	75	100	125	100	25.00	cps
DySproSium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	142	150	125	139	9.16	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	11253755	11397757	11238115	11296542	0.78	cps
Holmium	165-2	2263276	2261632	2240397	2255101	0.57	cps
Indium	115-1	9273752	9187035	9129281	9196689	0.79	cps
Indium	115-2	352881	354750	350680	352770	0.58	cps
Iron	56-2	15514399	15260103	15231485	15335329	1.02	cps
Iron	57-2	385330	382846	378876	382351	0.85	cps
Lead	206-1	3092648	3116613	3153755	3121005	0.99	cps
Lead	207-1	2854680	2842612	2878685	2858659	0.64	cps
Lead	208-1	12638442	12634512	12805393	12692782	0.77	cps
Lithium	6-1	1525204	1533004	1538282	1532164	0.43	cps
MagneSium	24-2	1736105	1736481	1736284	1736290	0.01	cps
ManganeSe	55-2	245697	246562	242969	245076	0.77	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3633173	3601061	3634159	3622797	0.52	cps
Molybdenum	94-1	4105213	4114335	4185846	4135131	1.07	cps
Molybdenum	95-1	2307132	2281472	2318111	2302238	0.82	cps
Molybdenum	96-1	2914896	2937265	2903299	2918487	0.59	cps
Molybdenum	97-1	1367505	1365687	1378120	1370437	0.49	cps
Neodymium	150-1	167	273	267	236	25.37	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	304339	304687	303990	304339	0.11	cps
PhoSphoruS	31-2	4759	4418	4368	4515	4.72	cps
PotaSSium	39-2	457058	456465	449498	454341	0.93	cps
Rhodium	103-1	8453478	8407663	8424007	8428382	0.28	cps
Rhodium	103-2	2060625	2059189	2015014	2044943	1.27	cps
Scandium	45-1	5347258	5315285	5310776	5324439	0.37	cps
Scandium	45-2	40592	40990	40803	40795	0.49	cps
Selenium	77-2	337	353	320	337	4.95	cps
Selenium	78-2	1180	1189	1219	1196	1.70	cps
Selenium	82-1	68001	67775	67958	67912	0.18	cps
Silicon	28-1	2355637	2409284	2410204	2391708	1.31	cps
Silver	109-1	5215396	5222419	5260652	5232822	0.47	cps
Silver	107-1	5542913	5554636	5545858	5547802	0.11	cps
Sodium	23-2	4180936	4145369	4089152	4138486	1.12	cps
Strontium	86-1	1393183	1379426	1409748	1394119	1.09	cps
Strontium	88-1	12217333	12015832	12144853	12126006	0.84	cps
Sulfur	34-1	759657	753088	751022	754589	0.60	cps
Terbium	159-1	11842770	11812466	12002940	11886059	0.86	cps
Terbium	159-2	2150828	2179058	2145084	2158324	0.84	cps
Thallium	203-1	3831104	3833755	3874502	3846454	0.63	cps
Thallium	205-1	8900598	8991737	9021471	8971269	0.70	cps
Tin	118-1	3649693	3667622	3704010	3673775	0.75	cps
Titanium	47-1	587547	585930	594024	589167	0.73	cps
Uranium	238-1	11767377	11666700	11921481	11785186	1.09	cps
Vanadium	51-2	337682	332427	333967	334692	0.81	cps
Yttrium	89-1	9864388	9726371	9691731	9760830	0.94	cps
Yttrium	89-2	266687	266098	262861	265216	0.78	cps
Zinc	66-2	140641	140524	140072	140412	0.21	cps
Zirconium	90-1	7840195	7783990	7846980	7823722	0.44	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	PB102405BS	Instrumnet Name :	P8
Client Sample ID :	PB102405BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:03:06	DataFile Name :	022LCS6_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1762030	1727876	1761633	1750513	1.12	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1725	1842	1720	7.28	cps
Antimony	121-1	20016	18430	18355	18934	4.95	cps
ArSenic	75-2	876	954	874	901	5.04	cps
Barium	135-1	42152	42135	40646	41644	2.08	cps
Barium	137-1	72860	73730	73287	73292	0.59	cps
Beryllium	9-1	322	411	456	396	17.13	cps
BiSmuth	209-1	4735130	4612061	4585821	4644337	1.72	cps
BiSmuth	209-2	1187458	1147331	1132729	1155839	2.45	cps
Boron	11-1	1771741	1799944	1811619	1794435	1.14	cps
Boron	10-1	360781	363400	368114	364098	1.02	cps
Cadmium	106-1	1642	1608	1584	1611	1.82	cps
Cadmium	108-1	50	42	29	40	26.03	cps
Cadmium	111-1	1356	1288	1288	1311	2.98	cps
Calcium	43-1	4327149	4412017	4502460	4413875	1.99	cps
Calcium	44-1	71738820	72624227	73182422	72515156	1.00	cps
Chromium	52-2	1320	1277	1213	1270	4.22	cps
Cobalt	59-2	233	213	227	224	4.54	cps
Copper	63-2	4521	4748	4607	4625	2.47	cps
DySproSium	156-1	408	292	317	339	18.13	cps
DySproSium	156-2	103	107	70	93	21.73	cps
Erbium	164-1	383	433	408	408	6.12	cps
Erbium	164-2	90	70	67	76	16.70	cps
Gadolinium	160-1	383	408	300	364	15.59	cps
Gadolinium	160-2	73	80	97	83	14.42	cps
Holmium	165-1	8568146	8520036	8628335	8572172	0.63	cps
Holmium	165-2	1793964	1717298	1706225	1739162	2.75	cps
Indium	115-1	7243932	7062358	7198927	7168406	1.32	cps
Indium	115-2	284831	274738	271019	276862	2.58	cps
Iron	56-2	72851	72711	73019	72861	0.21	cps
Iron	57-2	1900	1845	2034	1926	5.04	cps
Lead	206-1	4073	4106	3912	4030	2.58	cps
Lead	207-1	3717	3578	3089	3462	9.53	cps
Lead	208-1	16794	16116	15249	16053	4.82	cps
Lithium	6-1	1166317	1176855	1180940	1174704	0.64	cps
MagneSium	24-2	19740987	19538104	19475839	19584977	0.71	cps
ManganeSe	55-2	9207	9327	8993	9175	1.84	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	56678	56309	55456	56148	1.12	cps
Molybdenum	94-1	21209	20667	21000	20959	1.31	cps
Molybdenum	95-1	34520	35598	34671	34929	1.67	cps
Molybdenum	96-1	37403	37996	37035	37478	1.29	cps
Molybdenum	97-1	22177	22470	22686	22444	1.14	cps
Neodymium	150-1	493	553	653	567	14.26	cps
Neodymium	150-2	83	60	60	68	19.88	cps
Nickel	60-2	1077	917	963	986	8.35	cps
PhoSphoruS	31-2	200	125	150	158	24.12	cps
PotaSSium	39-2	3482060	3384065	3405560	3423895	1.50	cps
Rhodium	103-1	6238872	6159537	6229309	6209239	0.70	cps
Rhodium	103-2	1561372	1473723	1447981	1494359	3.98	cps
Scandium	45-1	4406660	4325568	4462948	4398392	1.57	cps
Scandium	45-2	33727	32431	32284	32814	2.42	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	2	11	5	108.30	cps
Selenium	82-1	-633	-617	-189	-479	-52.58	cps
Silicon	28-1	9436066	9821434	9654171	9637223	2.01	cps
Silver	109-1	15280	11839	10404	12508	20.03	cps
Silver	107-1	14775	12440	11264	12826	13.94	cps
Sodium	23-2	404139301	397365009	394227400	398577237	1.27	cps
Strontium	86-1	9752854	9889668	9826439	9822987	0.70	cps
Strontium	88-1	84830050	86048227	85350246	85409507	0.72	cps
Sulfur	34-1	11684313	11851871	11899250	11811812	0.96	cps
Terbium	159-1	8967657	8935138	8969238	8957345	0.21	cps
Terbium	159-2	1709122	1660933	1621692	1663916	2.63	cps
Thallium	203-1	1750	858	550	1053	59.20	cps
Thallium	205-1	4184	1725	1108	2339	69.56	cps
Tin	118-1	25742	24256	25116	25038	2.98	cps
Titanium	47-1	10596	11163	10429	10730	3.59	cps
Uranium	238-1	61344	61410	59602	60785	1.69	cps
Vanadium	51-2	9183	9180	9216	9193	0.22	cps
Yttrium	89-1	7775685	7641776	7809286	7742249	1.14	cps
Yttrium	89-2	222658	215688	214648	217665	2.00	cps
Zinc	66-2	313	300	270	294	7.54	cps
Zirconium	90-1	4434	3851	3810	4032	8.66	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:06:06	DataFile Name :	023SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	983	775	917	13.39	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUP Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUP Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 14:09:15 DataFile Name : 024SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992	2034	2134	2053	3.55	cps
Antimony	121-1	13391	14342	14300	14011	3.84	cps
ArSenic	75-2	998	993	963	985	1.92	cps
Barium	135-1	38390	39970	39677	39346	2.14	cps
Barium	137-1	67816	68445	70945	69069	2.40	cps
Beryllium	9-1	200	350	261	270	27.90	cps
BiSmuth	209-1	3891002	3874744	3834514	3866753	0.75	cps
BiSmuth	209-2	1101636	1118546	1137791	1119324	1.62	cps
Boron	11-1	1743665	1765891	1791188	1766914	1.35	cps
Boron	10-1	354561	360795	362178	359178	1.13	cps
Cadmium	106-1	1475	1575	1308	1453	9.27	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Cadmium	111-1	1103	1151	973	1076	8.52	cps
Calcium	43-1	4503406	4586246	4641267	4576973	1.52	cps
Calcium	44-1	74227645	74578306	75915045	74906999	1.19	cps
Chromium	52-2	1157	1223	1240	1207	3.65	cps
Cobalt	59-2	270	283	233	262	9.87	cps
Copper	63-2	4487	4761	4638	4629	2.96	cps
DySproSium	156-1	417	325	392	378	12.54	cps
DySproSium	156-2	80	77	67	74	9.32	cps
Erbium	164-1	358	267	433	353	23.66	cps
Erbium	164-2	73	67	83	74	11.27	cps
Gadolinium	160-1	308	467	392	389	20.37	cps
Gadolinium	160-2	110	113	90	104	12.08	cps
Holmium	165-1	7600717	7652654	7562937	7605436	0.59	cps
Holmium	165-2	1719119	1757431	1784058	1753536	1.86	cps
Indium	115-1	6569869	6620910	6498846	6563208	0.93	cps
Indium	115-2	281351	287476	291482	286770	1.78	cps
Iron	56-2	79364	78772	77084	78407	1.51	cps
Iron	57-2	2050	1956	2034	2013	2.50	cps
Lead	206-1	2161	2284	2061	2169	5.13	cps
Lead	207-1	2134	1945	1989	2022	4.88	cps
Lead	208-1	9252	8835	8902	8996	2.49	cps
Lithium	6-1	1122002	1130546	1120101	1124216	0.49	cps
MagneSium	24-2	21074608	21208912	20820927	21034816	0.94	cps
ManganeSe	55-2	10177	10254	10574	10335	2.04	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUP Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUP Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 14:09:15 DataFile Name : 024SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	53415	53481	55096	53997	1.76	cps
Molybdenum	94-1	20174	20308	20608	20363	1.09	cps
Molybdenum	95-1	33559	32991	32899	33150	1.08	cps
Molybdenum	96-1	36492	36542	35698	36244	1.31	cps
Molybdenum	97-1	21017	21676	21651	21448	1.74	cps
Neodymium	150-1	467	473	573	504	11.85	cps
Neodymium	150-2	60	113	60	78	39.59	cps
Nickel	60-2	930	840	817	862	6.94	cps
PhoSphoruS	31-2	142	242	133	172	35.01	cps
PotaSSium	39-2	3781916	3773697	3747430	3767681	0.48	cps
Rhodium	103-1	5826378	5795873	5806955	5809735	0.27	cps
Rhodium	103-2	1517526	1551528	1574008	1547688	1.84	cps
Scandium	45-1	4321923	4370007	4346684	4346205	0.55	cps
Scandium	45-2	34038	34536	36317	34964	3.43	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	1287	1380	1456	1374	6.18	cps
Silicon	28-1	10064861	10784510	10057666	10302346	4.05	cps
Silver	109-1	5510	5618	5760	5629	2.23	cps
Silver	107-1	5968	6227	6193	6129	2.29	cps
Sodium	23-2	433629060	435790993	425980960	431800337	1.19	cps
Strontium	86-1	9672789	9714551	9758897	9715412	0.44	cps
Strontium	88-1	84257254	84622637	84817216	84565703	0.34	cps
Sulfur	34-1	11978167	12228834	12298148	12168383	1.38	cps
Terbium	159-1	7878902	7959421	7891356	7909893	0.55	cps
Terbium	159-2	1670752	1687099	1713355	1690402	1.27	cps
Thallium	203-1	192	125	67	128	48.95	cps
Thallium	205-1	350	350	350	350	0.00	cps
Tin	118-1	20708	21685	21902	21432	2.97	cps
Titanium	47-1	10738	10488	11138	10788	3.04	cps
Uranium	238-1	53575	53081	53006	53221	0.58	cps
Vanadium	51-2	10441	10327	9797	10188	3.37	cps
Yttrium	89-1	7418001	7430164	7388210	7412125	0.29	cps
Yttrium	89-2	225238	231293	231685	229405	1.58	cps
Zinc	66-2	223	270	280	258	11.73	cps
Zirconium	90-1	2792	3092	2717	2867	6.93	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DUP	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:09:15	DataFile Name :	024SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	758	675	722	5.92	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	392	425	436	11.68	cps
Antimony	121-1	2784	3284	2917	2995	8.65	cps
ArSenic	75-2	194	241	193	209	13.04	cps
Barium	135-1	8987	9762	9545	9432	4.24	cps
Barium	137-1	16294	15935	17113	16448	3.67	cps
Beryllium	9-1	256	167	217	213	20.93	cps
BiSmuth	209-1	5594891	5572838	5747811	5638513	1.69	cps
BiSmuth	209-2	1593057	1570205	1551774	1571679	1.32	cps
Boron	11-1	410341	414340	425865	416849	1.93	cps
Boron	10-1	85245	84775	88120	86047	2.10	cps
Cadmium	106-1	2125	2092	2300	2173	5.15	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Cadmium	111-1	1503	1482	1618	1534	4.77	cps
Calcium	43-1	1001718	1020862	1029034	1017205	1.38	cps
Calcium	44-1	16510781	16674489	17095225	16760165	1.80	cps
Chromium	52-2	800	807	657	754	11.23	cps
Cobalt	59-2	57	83	83	74	20.68	cps
Copper	63-2	1400	1233	1363	1332	6.57	cps
DySproSium	156-1	117	125	125	122	3.94	cps
DySproSium	156-2	13	13	33	20	57.74	cps
Erbium	164-1	150	142	100	131	20.52	cps
Erbium	164-2	30	27	17	24	28.38	cps
Gadolinium	160-1	108	117	225	150	43.39	cps
Gadolinium	160-2	47	43	63	51	20.96	cps
Holmium	165-1	10481177	10703546	10726720	10637148	1.27	cps
Holmium	165-2	2371761	2308563	2287787	2322704	1.88	cps
Indium	115-1	9136933	9074255	9276130	9162439	1.13	cps
Indium	115-2	384726	378254	373307	378762	1.51	cps
Iron	56-2	19231	18073	18724	18676	3.11	cps
Iron	57-2	561	450	517	509	10.98	cps
Lead	206-1	883	795	833	837	5.32	cps
Lead	207-1	900	922	722	848	12.92	cps
Lead	208-1	5220	3678	3273	4057	25.33	cps
Lithium	6-1	1516408	1504798	1542791	1521333	1.28	cps
MagneSium	24-2	4774936	4613858	4693559	4694117	1.72	cps
ManganeSe	55-2	2290	2227	2234	2250	1.55	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12198	13407	12890	12832	4.73	cps
Molybdenum	94-1	5143	4643	4676	4821	5.80	cps
Molybdenum	95-1	8078	7778	8019	7958	2.00	cps
Molybdenum	96-1	8403	8620	8962	8661	3.25	cps
Molybdenum	97-1	5059	5193	5485	5246	4.15	cps
Neodymium	150-1	173	160	153	162	6.28	cps
Neodymium	150-2	13	23	33	23	42.86	cps
Nickel	60-2	700	630	630	653	6.19	cps
PhoSphoruS	31-2	75	67	50	64	19.92	cps
PotaSSium	39-2	833140	806102	821199	820147	1.65	cps
Rhodium	103-1	8155527	8247241	8261813	8221527	0.70	cps
Rhodium	103-2	2131833	2111287	2069471	2104197	1.51	cps
Scandium	45-1	5818853	5803641	5865439	5829311	0.55	cps
Scandium	45-2	44440	44146	43186	43924	1.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	814	617	786	739	14.37	cps
Silicon	28-1	2603918	2595211	2664467	2621199	1.44	cps
Silver	109-1	2100	1809	1784	1897	9.28	cps
Silver	107-1	1917	2059	1775	1917	7.39	cps
Sodium	23-2	96646579	93752740	94582531	94993950	1.57	cps
Strontium	86-1	2291248	2302607	2358909	2317588	1.56	cps
Strontium	88-1	19557698	19490911	19916480	19655030	1.16	cps
Sulfur	34-1	3075232	3132401	3164742	3124125	1.45	cps
Terbium	159-1	11067910	11045864	10969629	11027801	0.47	cps
Terbium	159-2	2264743	2225603	2216538	2235628	1.15	cps
Thallium	203-1	117	117	108	114	4.22	cps
Thallium	205-1	258	183	292	244	22.70	cps
Tin	118-1	5368	5126	5101	5198	2.83	cps
Titanium	47-1	2484	2334	2367	2395	3.29	cps
Uranium	238-1	12115	13091	12448	12551	3.95	cps
Vanadium	51-2	2317	2387	2304	2336	1.92	cps
Yttrium	89-1	10048139	10030680	10342253	10140357	1.73	cps
Yttrium	89-2	296751	291235	286724	291570	1.72	cps
Zinc	66-2	97	120	93	103	14.06	cps
Zirconium	90-1	1233	1008	1033	1092	11.30	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LX5	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-21 14:12:22	DataFile Name :	025SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	192	325	250	27.28	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58145	56714	56790	57216	1.41	cps
Antimony	121-1	3971369	3949266	3895425	3938687	0.99	cps
ArSenic	75-2	44115	43715	44224	44018	0.61	cps
Barium	135-1	4225439	4158841	4121874	4168718	1.26	cps
Barium	137-1	7228782	7215410	7136849	7193680	0.69	cps
Beryllium	9-1	584822	576928	568682	576811	1.40	cps
BiSmuth	209-1	4402665	4328730	4286027	4339141	1.36	cps
BiSmuth	209-2	1182657	1154705	1169275	1168879	1.20	cps
Boron	11-1	2146237	2104398	2134928	2128521	1.02	cps
Boron	10-1	432912	435348	433076	433779	0.31	cps
Cadmium	106-1	84900	85504	84288	84898	0.72	cps
Cadmium	108-1	57564	57443	56602	57203	0.92	cps
Cadmium	111-1	810198	801286	791999	801161	1.14	cps
Calcium	43-1	5700547	5614277	5617471	5644099	0.87	cps
Calcium	44-1	93604392	92341615	92143544	92696517	0.85	cps
Chromium	52-2	391345	386245	395127	390906	1.14	cps
Cobalt	59-2	786310	778358	793341	786003	0.95	cps
Copper	63-2	1301196	1287234	1318950	1302460	1.22	cps
DySproSium	156-1	383	467	567	472	19.44	cps
DySproSium	156-2	87	130	93	103	22.58	cps
Erbium	164-1	4151	3659	3317	3709	11.30	cps
Erbium	164-2	817	740	770	776	4.98	cps
Gadolinium	160-1	750	708	758	739	3.63	cps
Gadolinium	160-2	190	170	153	171	10.73	cps
Holmium	165-1	8573445	8403002	8417822	8464756	1.12	cps
Holmium	165-2	1820244	1779526	1805229	1801666	1.14	cps
Indium	115-1	7142470	7128739	7062606	7111271	0.60	cps
Indium	115-2	287974	282502	286381	285619	0.99	cps
Iron	56-2	12400384	12212660	12467267	12360103	1.07	cps
Iron	57-2	308115	303526	311886	307843	1.36	cps
Lead	206-1	2105374	2087293	2036423	2076363	1.72	cps
Lead	207-1	1900557	1883473	1877285	1887105	0.64	cps
Lead	208-1	8544667	8421692	8342463	8436274	1.21	cps
Lithium	6-1	1211688	1211522	1203868	1209026	0.37	cps
MagneSium	24-2	22065157	21434418	22001522	21833699	1.59	cps
ManganeSe	55-2	218163	214700	219023	217295	1.05	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2957372	2951772	2912018	2940387	0.84	cps
Molybdenum	94-1	3310467	3284430	3244822	3279906	1.01	cps
Molybdenum	95-1	1881285	1852809	1840750	1858281	1.12	cps
Molybdenum	96-1	2412894	2347346	2329016	2363086	1.87	cps
Molybdenum	97-1	1115627	1106317	1094339	1105428	0.97	cps
Neodymium	150-1	707	727	600	678	10.05	cps
Neodymium	150-2	73	57	87	72	20.81	cps
Nickel	60-2	227816	223098	229708	226874	1.50	cps
PhoSphoruS	31-2	167	142	142	150	9.63	cps
PotaSSium	39-2	3978824	3929333	4034943	3981033	1.33	cps
Rhodium	103-1	6330197	6365657	6287671	6327842	0.62	cps
Rhodium	103-2	1609594	1572487	1600234	1594105	1.21	cps
Scandium	45-1	4781087	4820298	4760271	4787218	0.64	cps
Scandium	45-2	36130	34957	35766	35618	1.69	cps
Selenium	77-2	300	297	270	289	5.69	cps
Selenium	78-2	1080	991	1096	1056	5.38	cps
Selenium	82-1	52999	53424	51993	52805	1.39	cps
Silicon	28-1	13710260	13791802	13513570	13671877	1.05	cps
Silver	109-1	3979713	3918509	3907239	3935154	0.99	cps
Silver	107-1	4222981	4189253	4147344	4186526	0.91	cps
Sodium	23-2	422882993	417456476	428674760	423004743	1.33	cps
Strontium	86-1	11147259	10940756	10848606	10978874	1.39	cps
Strontium	88-1	96717848	96493360	94962477	96057895	0.99	cps
Sulfur	34-1	12375005	12268398	12205558	12282987	0.70	cps
Terbium	159-1	8925957	8724243	8750029	8800076	1.25	cps
Terbium	159-2	1758278	1742951	1774541	1758590	0.90	cps
Thallium	203-1	2695141	2642401	2640834	2659459	1.16	cps
Thallium	205-1	6254805	6176759	6173391	6201651	0.74	cps
Tin	118-1	2718956	2687646	2667504	2691369	0.96	cps
Titanium	47-1	520425	530896	523245	524855	1.03	cps
Uranium	238-1	7890951	7793419	7655826	7780066	1.52	cps
Vanadium	51-2	299224	294691	301770	298562	1.20	cps
Yttrium	89-1	8120859	8120246	8010150	8083752	0.79	cps
Yttrium	89-2	232329	230024	231826	231393	0.52	cps
Zinc	66-2	106623	103905	108376	106301	2.12	cps
Zirconium	90-1	6233417	6100517	6066427	6133453	1.44	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MS	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:15:29	DataFile Name :	026SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1375806	1353928	1339997	1356577	1.33	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01MSD Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DMSD Dilution Factor : 1
 Date & Time Acquired :: 2017-09-21 14:18:31 DataFile Name : 027SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55175	57250	57107	56511	2.05	cps
Antimony	121-1	3903229	3897934	3875285	3892149	0.38	cps
ArSenic	75-2	43398	43672	43002	43357	0.78	cps
Barium	135-1	4127163	4094516	4133949	4118542	0.51	cps
Barium	137-1	7134590	7082516	7098472	7105192	0.38	cps
Beryllium	9-1	566713	562205	568484	565801	0.57	cps
BiSmuth	209-1	4278109	3257376	3950443	3828642	13.61	cps
BiSmuth	209-2	1117861	1137613	1130685	1128720	0.89	cps
Boron	11-1	2096234	2102849	2142022	2113702	1.17	cps
Boron	10-1	427978	424187	437313	429826	1.57	cps
Cadmium	106-1	82822	82084	85119	83341	1.90	cps
Cadmium	108-1	54815	55271	56125	55404	1.20	cps
Cadmium	111-1	789238	782586	796089	789305	0.86	cps
Calcium	43-1	5714638	5745406	5712146	5724063	0.32	cps
Calcium	44-1	93824442	93055327	93738785	93539518	0.45	cps
Chromium	52-2	385621	389988	391404	389004	0.77	cps
Cobalt	59-2	780495	785969	791704	786056	0.71	cps
Copper	63-2	1292215	1305008	1299120	1298781	0.49	cps
DySproSium	156-1	508	375	483	456	15.56	cps
DySproSium	156-2	80	97	87	88	9.56	cps
Erbium	164-1	3651	3426	3901	3659	6.50	cps
Erbium	164-2	733	813	713	753	7.02	cps
Gadolinium	160-1	717	800	608	708	13.57	cps
Gadolinium	160-2	153	177	150	160	9.08	cps
Holmium	165-1	8218020	6333281	7815316	7455539	13.31	cps
Holmium	165-2	1762293	1775230	1756725	1764749	0.54	cps
Indium	115-1	6872321	5344885	6596655	6271287	12.98	cps
Indium	115-2	277631	280191	277701	278508	0.52	cps
Iron	56-2	12207978	12322101	12367774	12299284	0.67	cps
Iron	57-2	303636	307266	309133	306679	0.91	cps
Lead	206-1	2070402	2039403	2020448	2043418	1.23	cps
Lead	207-1	1839220	1838368	1816578	1831389	0.70	cps
Lead	208-1	8277032	8261908	8224377	8254439	0.33	cps
Lithium	6-1	1182825	938502	1139286	1086871	11.99	cps
MagneSium	24-2	21744300	22366337	22026078	22045572	1.41	cps
ManganeSe	55-2	216995	219703	217046	217914	0.71	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSD	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:18:31	DataFile Name :	027SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2949999	2919052	2961805	2943619	0.75	cps
Molybdenum	94-1	3273049	3257934	3271348	3267444	0.25	cps
Molybdenum	95-1	1828532	1829080	1834890	1830834	0.19	cps
Molybdenum	96-1	2337749	2336635	2332945	2335777	0.11	cps
Molybdenum	97-1	1085487	1084929	1093287	1087901	0.43	cps
Neodymium	150-1	807	767	673	749	9.14	cps
Neodymium	150-2	80	77	93	83	10.59	cps
Nickel	60-2	224256	225787	226055	225366	0.43	cps
PhoSphoruS	31-2	142	158	183	161	13.02	cps
PotaSSium	39-2	4018789	4074615	4060371	4051259	0.72	cps
Rhodium	103-1	6142624	4740839	5902655	5595373	13.40	cps
Rhodium	103-2	1508661	1559943	1526562	1531722	1.70	cps
Scandium	45-1	4731788	3622693	4457644	4270708	13.53	cps
Scandium	45-2	34579	35505	35314	35133	1.39	cps
Selenium	77-2	280	283	267	277	3.19	cps
Selenium	78-2	1085	1052	1052	1063	1.81	cps
Selenium	82-1	51395	50925	51622	51314	0.69	cps
Silicon	28-1	14474426	14317658	14330652	14374245	0.61	cps
Silver	109-1	3908489	3884633	3913222	3902115	0.39	cps
Silver	107-1	4138622	4141168	4119450	4133080	0.29	cps
Sodium	23-2	430358193	436014576	432492726	432955165	0.66	cps
Strontium	86-1	11109443	10961538	11160696	11077225	0.93	cps
Strontium	88-1	96889929	94888919	96821683	96200177	1.18	cps
Sulfur	34-1	12297702	12145030	12309424	12250719	0.75	cps
Terbium	159-1	8653929	6600441	8248175	7834182	13.88	cps
Terbium	159-2	1708040	1691516	1705028	1701528	0.52	cps
Thallium	203-1	2597931	2623258	2607343	2609511	0.49	cps
Thallium	205-1	6136212	6097638	6115814	6116555	0.32	cps
Tin	118-1	2673039	2631148	2668210	2657465	0.86	cps
Titanium	47-1	522619	519214	528307	523380	0.88	cps
Uranium	238-1	7776990	7724784	7682200	7727991	0.61	cps
Vanadium	51-2	296134	300816	301675	299542	1.00	cps
Yttrium	89-1	7903567	6096063	7511846	7170492	13.26	cps
Yttrium	89-2	224663	227616	225297	225859	0.69	cps
Zinc	66-2	103915	106360	103929	104735	1.34	cps
Zirconium	90-1	6142156	6069307	6107515	6106326	0.60	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSD	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:18:31	DataFile Name :	027SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1373934	1336899	1363243	1358026	1.40	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4334	4376	4134	4281	3.02	cps
Antimony	121-1	12064	13332	12548	12648	5.06	cps
ArSenic	75-2	430	387	459	425	8.54	cps
Barium	135-1	27129	27254	25910	26764	2.78	cps
Barium	137-1	49651	47294	47378	48108	2.78	cps
Beryllium	9-1	483	506	417	469	9.87	cps
BiSmuth	209-1	3677886	3805117	3715393	3732799	1.75	cps
BiSmuth	209-2	1105191	1066342	1078675	1083403	1.83	cps
Boron	11-1	1837987	1897823	1905023	1880278	1.96	cps
Boron	10-1	377288	381709	382843	380613	0.77	cps
Cadmium	106-1	1650	1650	1584	1628	2.36	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Cadmium	111-1	1251	1218	1148	1206	4.39	cps
Calcium	43-1	4998477	5060679	5021430	5026862	0.63	cps
Calcium	44-1	81993912	82494983	82545089	82344662	0.37	cps
Chromium	52-2	2277	2144	2450	2290	6.72	cps
Cobalt	59-2	630	710	687	676	6.09	cps
Copper	63-2	3494	3701	3577	3591	2.90	cps
DySproSium	156-1	750	933	817	833	11.14	cps
DySproSium	156-2	173	217	223	204	13.28	cps
Erbium	164-1	900	767	767	811	9.49	cps
Erbium	164-2	147	173	157	159	8.48	cps
Gadolinium	160-1	858	858	825	847	2.27	cps
Gadolinium	160-2	217	263	190	223	16.62	cps
Holmium	165-1	7362741	7509124	7526874	7466246	1.21	cps
Holmium	165-2	1785607	1697171	1724697	1735825	2.61	cps
Indium	115-1	6407017	6588520	6610347	6535295	1.71	cps
Indium	115-2	298250	291073	290386	293237	1.49	cps
Iron	56-2	452183	436837	441762	443594	1.77	cps
Iron	57-2	11260	11272	10960	11164	1.58	cps
Lead	206-1	4484	4429	4145	4353	4.18	cps
Lead	207-1	3778	3645	3478	3634	4.14	cps
Lead	208-1	17311	17205	16382	16966	3.00	cps
Lithium	6-1	1151864	1178977	1176057	1168966	1.27	cps
MagneSium	24-2	23365800	22632245	22901497	22966514	1.62	cps
ManganeSe	55-2	7185	7215	7045	7149	1.27	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	43864	44273	44608	44249	0.84	cps
Molybdenum	94-1	17837	18380	18421	18213	1.79	cps
Molybdenum	95-1	29157	28723	27521	28467	2.98	cps
Molybdenum	96-1	30669	30878	30410	30652	0.76	cps
Molybdenum	97-1	18171	18121	18096	18130	0.21	cps
Neodymium	150-1	1307	1500	1480	1429	7.44	cps
Neodymium	150-2	173	183	177	178	2.86	cps
Nickel	60-2	1027	1063	1087	1059	2.86	cps
PhoSphoruS	31-2	42	67	75	61	28.38	cps
PotaSSium	39-2	4207745	4025384	4108038	4113722	2.22	cps
Rhodium	103-1	5697821	5884562	5805279	5795887	1.62	cps
Rhodium	103-2	1630972	1574299	1579827	1595032	1.96	cps
Scandium	45-1	4557687	4734792	4695786	4662755	2.00	cps
Scandium	45-2	37169	36117	36895	36727	1.49	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	994	1346	1165	1168	15.07	cps
Silicon	28-1	10663315	10993395	11020030	10892247	1.82	cps
Silver	109-1	1934	1850	1817	1867	3.22	cps
Silver	107-1	2109	1959	2200	2089	5.84	cps
Sodium	23-2	481060577	465361344	474745327	473722416	1.67	cps
Strontium	86-1	10288461	10454514	10427928	10390301	0.86	cps
Strontium	88-1	89506015	90629473	90280760	90138749	0.64	cps
Sulfur	34-1	13422495	13554783	13396363	13457880	0.63	cps
Terbium	159-1	7744886	7986431	7925789	7885702	1.59	cps
Terbium	159-2	1733611	1678409	1678603	1696874	1.87	cps
Thallium	203-1	1042	650	650	781	28.97	cps
Thallium	205-1	1975	1667	1550	1731	12.69	cps
Tin	118-1	39827	39501	38465	39264	1.81	cps
Titanium	47-1	38564	39089	36540	38064	3.54	cps
Uranium	238-1	42975	42214	43151	42780	1.16	cps
Vanadium	51-2	6952	6828	6518	6766	3.30	cps
Yttrium	89-1	7454888	7743777	7633364	7610676	1.92	cps
Yttrium	89-2	240809	232506	234511	235942	1.84	cps
Zinc	66-2	847	847	817	837	2.07	cps
Zirconium	90-1	6727	6419	6177	6441	4.28	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-02	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:24:36	DataFile Name :	029SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1508	1442	1142	1364	14.32	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362100	366525	361788	363471	0.73	cps
Antimony	121-1	5585028	5483596	5533663	5534096	0.92	cps
ArSenic	75-2	54384	54299	52371	53685	2.12	cps
Barium	135-1	5705163	5671342	5724271	5700259	0.47	cps
Barium	137-1	10095357	9848130	9857298	9933595	1.41	cps
Beryllium	9-1	774405	769409	761517	768444	0.85	cps
BiSmuth	209-1	6498374	6440938	6490167	6476493	0.48	cps
BiSmuth	209-2	1667579	1681232	1659234	1669348	0.67	cps
Boron	11-1	426929	431552	431876	430119	0.64	cps
Boron	10-1	92967	92774	92975	92906	0.12	cps
Cadmium	106-1	120828	120787	120157	120590	0.31	cps
Cadmium	108-1	80782	80354	79470	80202	0.83	cps
Cadmium	111-1	1138256	1133048	1126533	1132613	0.52	cps
Calcium	43-1	6096998	6110641	6026019	6077886	0.75	cps
Calcium	44-1	100787948	99806873	99068952	99887924	0.86	cps
Chromium	52-2	490171	489535	483446	487717	0.76	cps
Cobalt	59-2	1018150	1018200	1007225	1014525	0.62	cps
Copper	63-2	1760008	1763240	1735814	1753021	0.86	cps
DySproSium	156-1	108	125	83	106	19.87	cps
DySproSium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	67	92	58	72	24.02	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	125	150	142	139	9.16	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	11639920	11625953	11400216	11555363	1.16	cps
Holmium	165-2	2386180	2391501	2361119	2379600	0.68	cps
Indium	115-1	9674203	9700286	9500428	9624973	1.13	cps
Indium	115-2	376058	377956	369892	374635	1.13	cps
Iron	56-2	78404943	79674991	77994499	78691478	1.11	cps
Iron	57-2	1993418	2001237	1984613	1993089	0.42	cps
Lead	206-1	3094503	3063175	3084695	3080791	0.52	cps
Lead	207-1	2808344	2777342	2802184	2795957	0.59	cps
Lead	208-1	12455839	12434026	12403071	12430979	0.21	cps
Lithium	6-1	1636906	1601347	1606991	1615081	1.18	cps
MagneSium	24-2	9147678	9121821	8880752	9050083	1.63	cps
ManganeSe	55-2	265276	269179	262878	265778	1.20	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3863328	3868051	3818802	3850060	0.71	cps
Molybdenum	94-1	4486800	4437258	4371546	4431868	1.30	cps
Molybdenum	95-1	2432792	2402010	2423560	2419454	0.65	cps
Molybdenum	96-1	3115703	3123869	3104354	3114642	0.31	cps
Molybdenum	97-1	1498009	1449325	1464249	1470528	1.70	cps
Neodymium	150-1	240	260	293	264	10.19	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	293819	294949	291641	293470	0.57	cps
PhoSphoruS	31-2	4801	5084	5543	5143	7.28	cps
PotaSSium	39-2	2543608	2520860	2481136	2515201	1.26	cps
Rhodium	103-1	8716802	8690652	8551076	8652843	1.03	cps
Rhodium	103-2	2141344	2157760	2104775	2134627	1.27	cps
Scandium	45-1	5998798	5917227	5834570	5916865	1.39	cps
Scandium	45-2	44972	44778	44377	44709	0.68	cps
Selenium	77-2	403	427	393	408	4.19	cps
Selenium	78-2	1322	1280	1259	1287	2.50	cps
Selenium	82-1	71282	69883	70392	70519	1.00	cps
Silicon	28-1	2617357	2594912	2597327	2603199	0.47	cps
Silver	109-1	5375772	5286167	5288345	5316761	0.96	cps
Silver	107-1	5616569	5613314	5626996	5618960	0.13	cps
Sodium	23-2	22157860	21943571	21750580	21950670	0.93	cps
Strontium	86-1	1619501	1598669	1587470	1601880	1.01	cps
Strontium	88-1	13674329	13446595	13456162	13525695	0.95	cps
Sulfur	34-1	840064	834325	825834	833408	0.86	cps
Terbium	159-1	12212221	12252097	11754973	12073097	2.29	cps
Terbium	159-2	2275340	2284595	2274521	2278152	0.25	cps
Thallium	203-1	3775938	3742764	3717720	3745474	0.78	cps
Thallium	205-1	8880353	8780764	8704101	8788406	1.01	cps
Tin	118-1	3899280	3863130	3841100	3867837	0.76	cps
Titanium	47-1	653728	649648	642741	648706	0.86	cps
Uranium	238-1	11617121	11408197	11655477	11560265	1.15	cps
Vanadium	51-2	366327	365619	361614	364520	0.70	cps
Yttrium	89-1	10520522	10474529	10259067	10418039	1.34	cps
Yttrium	89-2	292540	295308	285155	291001	1.80	cps
Zinc	66-2	142614	143691	142260	142855	0.52	cps
Zirconium	90-1	8380282	8441910	8354505	8392232	0.54	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:35:28	DataFile Name :	030CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1904286	1894809	1881497	1893531	0.60	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	700	725	858	761	11.18	cps
ArSenic	75-2	0	7	11	6	91.64	cps
Barium	135-1	42	50	67	53	24.12	cps
Barium	137-1	117	83	92	97	17.84	cps
Beryllium	9-1	317	350	317	328	5.87	cps
BiSmuth	209-1	6882997	6978276	6850637	6903970	0.96	cps
BiSmuth	209-2	1860580	1885272	1876025	1873959	0.67	cps
Boron	11-1	19272	18663	19322	19086	1.92	cps
Boron	10-1	4359	3892	4084	4112	5.71	cps
Cadmium	106-1	2100	2350	2175	2209	5.81	cps
Cadmium	108-1	21	13	29	21	40.01	cps
Cadmium	111-1	1472	1645	1506	1541	5.93	cps
Calcium	43-1	1784	1725	1792	1767	2.06	cps
Calcium	44-1	36574	37100	38196	37290	2.22	cps
Chromium	52-2	900	810	1000	903	10.52	cps
Cobalt	59-2	57	20	40	39	47.21	cps
Copper	63-2	297	350	283	310	11.38	cps
DySproSium	156-1	8	17	0	8	100.02	cps
DySproSium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	75	50	53	39.73	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	11646881	11760559	11673007	11693482	0.51	cps
Holmium	165-2	2401213	2428838	2425349	2418467	0.62	cps
Indium	115-1	10061591	10084595	9994661	10046949	0.47	cps
Indium	115-2	396565	406353	398437	400452	1.30	cps
Iron	56-2	2828	2995	3167	2997	5.66	cps
Iron	57-2	72	67	72	70	4.55	cps
Lead	206-1	772	772	878	807	7.55	cps
Lead	207-1	750	800	795	782	3.51	cps
Lead	208-1	3334	3178	3478	3330	4.51	cps
Lithium	6-1	1620851	1683563	1641629	1648681	1.94	cps
MagneSium	24-2	375	350	442	389	12.18	cps
ManganeSe	55-2	43	53	47	48	10.66	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	542	367	325	411	27.97	cps
Molybdenum	94-1	600	575	525	567	6.74	cps
Molybdenum	95-1	350	342	275	322	12.76	cps
Molybdenum	96-1	367	383	342	364	5.76	cps
Molybdenum	97-1	267	350	233	283	21.21	cps
Neodymium	150-1	33	7	20	20	66.65	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	523	457	620	533	15.40	cps
PhoSphoruS	31-2	8	0	17	8	100.02	cps
PotaSSium	39-2	3792	3976	3892	3887	2.36	cps
Rhodium	103-1	9261269	9249881	9121947	9211032	0.84	cps
Rhodium	103-2	2321039	2350322	2292308	2321223	1.25	cps
Scandium	45-1	5922472	5940191	5974842	5945835	0.45	cps
Scandium	45-2	43845	46326	44691	44954	2.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-144	5	-13	-51	-159.99	cps
Silicon	28-1	429568	427424	427094	428029	0.31	cps
Silver	109-1	258	275	325	286	12.13	cps
Silver	107-1	358	342	475	392	18.55	cps
Sodium	23-2	67059	69018	69261	68446	1.76	cps
Strontium	86-1	1000	933	967	967	3.45	cps
Strontium	88-1	275	342	258	292	15.12	cps
Sulfur	34-1	438548	435137	441337	438341	0.71	cps
Terbium	159-1	12312194	12415772	12171734	12299900	1.00	cps
Terbium	159-2	2283380	2381768	2342417	2335855	2.12	cps
Thallium	203-1	383	283	358	342	15.23	cps
Thallium	205-1	767	600	675	681	12.27	cps
Tin	118-1	1217	1542	1625	1461	14.77	cps
Titanium	47-1	192	175	133	167	18.03	cps
Uranium	238-1	75	42	125	81	52.07	cps
Vanadium	51-2	23	13	10	16	44.60	cps
Yttrium	89-1	10540820	10541256	10617118	10566398	0.42	cps
Yttrium	89-2	295448	303691	296401	298513	1.51	cps
Zinc	66-2	77	67	73	72	7.05	cps
Zirconium	90-1	1092	1092	1000	1061	4.99	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:44:58	DataFile Name :	031CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	258	222	14.20	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1809	1534	1825	1722	9.51	cps
Antimony	121-1	13808	12990	12515	13104	4.99	cps
ArSenic	75-2	528	556	565	549	3.51	cps
Barium	135-1	24266	22395	25915	24192	7.28	cps
Barium	137-1	41902	37972	39555	39810	4.97	cps
Beryllium	9-1	261	239	233	244	6.01	cps
BiSmuth	209-1	4285536	3814344	3836685	3978855	6.68	cps
BiSmuth	209-2	1097401	1120828	1107901	1108710	1.06	cps
Boron	11-1	1837049	1828080	1815016	1826715	0.61	cps
Boron	10-1	374384	368761	371444	371530	0.76	cps
Cadmium	106-1	1634	1592	1517	1581	3.74	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Cadmium	111-1	1188	1143	1111	1147	3.38	cps
Calcium	43-1	4923832	4794630	4841558	4853340	1.35	cps
Calcium	44-1	80632043	79030318	78649573	79437311	1.32	cps
Chromium	52-2	1300	1303	1197	1267	4.79	cps
Cobalt	59-2	393	333	353	360	8.49	cps
Copper	63-2	2917	2884	2767	2856	2.76	cps
DySproSium	156-1	217	242	208	222	7.81	cps
DySproSium	156-2	77	50	50	59	26.15	cps
Erbium	164-1	267	275	167	236	25.53	cps
Erbium	164-2	57	57	53	56	3.47	cps
Gadolinium	160-1	342	325	200	289	26.80	cps
Gadolinium	160-2	100	67	77	81	21.09	cps
Holmium	165-1	8226968	7364223	7444970	7678720	6.21	cps
Holmium	165-2	1719093	1773810	1758961	1750621	1.62	cps
Indium	115-1	7013779	6528382	6618059	6720073	3.84	cps
Indium	115-2	286008	293893	294940	291614	1.67	cps
Iron	56-2	101586	102602	105625	103271	2.03	cps
Iron	57-2	2345	2767	2723	2611	8.89	cps
Lead	206-1	2667	2256	2328	2417	9.08	cps
Lead	207-1	2395	2034	1900	2110	12.13	cps
Lead	208-1	10430	8852	8990	9424	9.27	cps
Lithium	6-1	1222412	1125628	1197199	1181746	4.25	cps
MagneSium	24-2	21908316	22368757	22589437	22288837	1.56	cps
ManganeSe	55-2	5845	5868	6508	6074	6.20	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	85218	80707	80607	82177	3.21	cps
Molybdenum	94-1	32306	30986	30911	31401	2.50	cps
Molybdenum	95-1	52704	52786	50453	51981	2.55	cps
Molybdenum	96-1	56736	53632	55289	55219	2.81	cps
Molybdenum	97-1	33509	32189	32189	32629	2.34	cps
Neodymium	150-1	340	387	420	382	10.51	cps
Neodymium	150-2	70	77	43	63	27.85	cps
Nickel	60-2	753	740	737	743	1.19	cps
PhoSphoruS	31-2	8	25	8	14	69.31	cps
PotaSSium	39-2	3921658	4107632	4080449	4036580	2.49	cps
Rhodium	103-1	6272277	5735380	5905070	5970909	4.60	cps
Rhodium	103-2	1521390	1592492	1578053	1563978	2.40	cps
Scandium	45-1	4817355	4439292	4502314	4586320	4.42	cps
Scandium	45-2	34880	36668	36337	35962	2.65	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	536	509	680	575	15.97	cps
Silicon	28-1	7113143	7212070	8906345	7743852	13.02	cps
Silver	109-1	5501	4226	3226	4318	26.42	cps
Silver	107-1	5543	4476	3867	4629	18.32	cps
Sodium	23-2	448123810	457417327	466763794	457434977	2.04	cps
Strontium	86-1	10453828	10064457	10142086	10220124	2.02	cps
Strontium	88-1	91284535	88247212	87608181	89046643	2.21	cps
Sulfur	34-1	13401756	13124438	13257872	13261355	1.05	cps
Terbium	159-1	8524487	7759232	7875964	8053228	5.12	cps
Terbium	159-2	1637636	1704661	1706826	1683041	2.34	cps
Thallium	203-1	433	392	242	356	28.35	cps
Thallium	205-1	975	758	567	767	26.65	cps
Tin	118-1	24749	25150	23880	24593	2.64	cps
Titanium	47-1	11272	10947	11213	11144	1.56	cps
Uranium	238-1	68406	62675	64543	65208	4.48	cps
Vanadium	51-2	8516	8286	8790	8531	2.96	cps
Yttrium	89-1	8046938	7358113	7508253	7637768	4.74	cps
Yttrium	89-2	229293	235679	235595	233522	1.57	cps
Zinc	66-2	540	507	537	528	3.48	cps
Zirconium	90-1	6352	5694	5235	5760	9.75	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-03	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:53:17	DataFile Name :	033SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1292	1108	1108	1170	9.05	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1700	1950	2167	1939	12.05	cps
Antimony	121-1	13115	12598	13499	13071	3.46	cps
ArSenic	75-2	767	728	804	766	4.96	cps
Barium	135-1	23789	23791	24107	23896	0.77	cps
Barium	137-1	40588	41719	40730	41013	1.50	cps
Beryllium	9-1	244	294	244	261	11.06	cps
BiSmuth	209-1	3610563	3641207	3658724	3636831	0.67	cps
BiSmuth	209-2	974589	1032742	1019763	1009031	3.03	cps
Boron	11-1	1866662	1914052	1912709	1897808	1.42	cps
Boron	10-1	382518	382263	387793	384191	0.81	cps
Cadmium	106-1	1634	1567	1642	1614	2.55	cps
Cadmium	108-1	13	21	29	21	40.01	cps
Cadmium	111-1	1164	1136	1196	1165	2.54	cps
Calcium	43-1	4962042	5062859	5090956	5038619	1.35	cps
Calcium	44-1	82166991	82054098	83613237	82611442	1.05	cps
Chromium	52-2	1247	1357	1317	1307	4.26	cps
Cobalt	59-2	397	343	370	370	7.21	cps
Copper	63-2	2267	2297	2347	2304	1.75	cps
DySproSium	156-1	342	317	458	372	20.32	cps
DySproSium	156-2	83	107	103	98	12.90	cps
Erbium	164-1	333	325	325	328	1.47	cps
Erbium	164-2	67	97	57	73	28.39	cps
Gadolinium	160-1	358	417	317	364	13.81	cps
Gadolinium	160-2	133	123	113	123	8.11	cps
Holmium	165-1	7211239	7134545	7233020	7192935	0.72	cps
Holmium	165-2	1558251	1600345	1583444	1580680	1.34	cps
Indium	115-1	6420612	6455925	6429104	6435214	0.29	cps
Indium	115-2	263018	277909	275802	272243	2.96	cps
Iron	56-2	150734	148885	147506	149042	1.09	cps
Iron	57-2	3867	3756	3906	3843	2.03	cps
Lead	206-1	2395	2300	2350	2348	2.01	cps
Lead	207-1	2022	1906	1784	1904	6.28	cps
Lead	208-1	9179	9279	8963	9141	1.77	cps
Lithium	6-1	1171504	1171891	1167966	1170454	0.18	cps
MagneSium	24-2	22570317	22267578	21982683	22273526	1.32	cps
ManganeSe	55-2	6758	6508	6508	6592	2.19	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	80136	80649	81972	80919	1.17	cps
Molybdenum	94-1	30051	30134	30176	30120	0.21	cps
Molybdenum	95-1	51406	51030	51474	51303	0.47	cps
Molybdenum	96-1	54729	53716	54251	54232	0.93	cps
Molybdenum	97-1	31830	32415	32774	32340	1.47	cps
Neodymium	150-1	560	587	587	578	2.66	cps
Neodymium	150-2	83	50	63	66	25.60	cps
Nickel	60-2	740	793	777	770	3.54	cps
PhoSphoruS	31-2	42	33	75	50	44.10	cps
PotaSSium	39-2	4068003	4009463	3979273	4018913	1.12	cps
Rhodium	103-1	5742645	5682490	5858074	5761070	1.55	cps
Rhodium	103-2	1436225	1460605	1445223	1447351	0.85	cps
Scandium	45-1	4627707	4560921	4671333	4619987	1.20	cps
Scandium	45-2	33337	34766	34950	34351	2.57	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	1017	1309	1408	1245	16.36	cps
Silicon	28-1	8255001	8062305	8354751	8224019	1.81	cps
Silver	109-1	1634	1400	1600	1545	8.17	cps
Silver	107-1	1650	1834	1550	1678	8.57	cps
Sodium	23-2	456902344	454070510	456454694	455809182	0.33	cps
Strontium	86-1	10288103	10380184	10347953	10338747	0.45	cps
Strontium	88-1	89496467	90472431	89873225	89947374	0.55	cps
Sulfur	34-1	13656409	13859351	14001519	13839093	1.25	cps
Terbium	159-1	7604649	7610247	7553978	7589625	0.41	cps
Terbium	159-2	1465609	1548038	1540677	1518108	3.00	cps
Thallium	203-1	175	217	92	161	39.51	cps
Thallium	205-1	200	433	217	283	45.96	cps
Tin	118-1	20041	20917	20433	20464	2.14	cps
Titanium	47-1	16794	16928	17270	16997	1.44	cps
Uranium	238-1	61184	63378	62793	62452	1.82	cps
Vanadium	51-2	9133	9257	8903	9098	1.97	cps
Yttrium	89-1	7458856	7515746	7452344	7475649	0.47	cps
Yttrium	89-2	212047	221445	220766	218086	2.40	cps
Zinc	66-2	587	510	533	543	7.23	cps
Zirconium	90-1	3759	3267	3944	3657	9.56	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-04	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:56:25	DataFile Name :	034SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	800	767	808	5.74	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	142	100	128	18.82	cps
Antimony	121-1	9137	9220	9112	9156	0.62	cps
ArSenic	75-2	733	752	719	735	2.27	cps
Barium	135-1	49083	49870	49502	49485	0.80	cps
Barium	137-1	85602	87179	86432	86405	0.91	cps
Beryllium	9-1	200	206	161	189	12.82	cps
BiSmuth	209-1	3510123	3488886	3483499	3494170	0.40	cps
BiSmuth	209-2	1025147	1030138	1032326	1029204	0.36	cps
Boron	11-1	1579627	1580857	1617097	1592527	1.34	cps
Boron	10-1	318450	320677	324821	321316	1.01	cps
Cadmium	106-1	1575	1575	1483	1545	3.43	cps
Cadmium	108-1	38	50	17	35	48.49	cps
Cadmium	111-1	1210	1234	1143	1196	3.93	cps
Calcium	43-1	4283322	4278439	4303504	4288422	0.31	cps
Calcium	44-1	70759520	70096733	70444472	70433575	0.47	cps
Chromium	52-2	830	827	810	822	1.30	cps
Cobalt	59-2	107	113	147	122	17.53	cps
Copper	63-2	3611	3594	3290	3498	5.15	cps
DySproSium	156-1	67	25	58	50	44.10	cps
DySproSium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	83	142	92	106	29.89	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Gadolinium	160-2	13	20	23	19	26.96	cps
Holmium	165-1	7028660	7115593	6991194	7045149	0.91	cps
Holmium	165-2	1622486	1625660	1627530	1625225	0.16	cps
Indium	115-1	6299147	6322622	6165557	6262442	1.35	cps
Indium	115-2	276798	277390	277906	277365	0.20	cps
Iron	56-2	8369	8581	7825	8258	4.72	cps
Iron	57-2	217	194	283	231	19.99	cps
Lead	206-1	1022	1022	928	991	5.50	cps
Lead	207-1	800	783	911	832	8.35	cps
Lead	208-1	3806	3617	3767	3730	2.67	cps
Lithium	6-1	1125915	1137018	1133692	1132208	0.50	cps
MagneSium	24-2	19225543	19134789	19121011	19160448	0.30	cps
ManganeSe	55-2	8249	8413	7959	8207	2.80	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	47827	46523	46799	47050	1.46	cps
Molybdenum	94-1	17170	17537	17162	17289	1.24	cps
Molybdenum	95-1	29917	29500	29467	29628	0.85	cps
Molybdenum	96-1	32315	31646	31571	31844	1.29	cps
Molybdenum	97-1	18555	18730	18238	18508	1.35	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	560	487	517	521	7.07	cps
PhoSphoruS	31-2	117	142	150	136	12.75	cps
PotaSSium	39-2	3430884	3462069	3462631	3451861	0.53	cps
Rhodium	103-1	5566555	5637518	5535143	5579739	0.94	cps
Rhodium	103-2	1464123	1471317	1464744	1466728	0.27	cps
Scandium	45-1	4454957	4466499	4429102	4450186	0.43	cps
Scandium	45-2	34853	35177	34329	34786	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	17	2	7	109.03	cps
Selenium	82-1	1389	1502	1638	1510	8.28	cps
Silicon	28-1	6593769	6548598	6556348	6566238	0.37	cps
Silver	109-1	1200	1058	1167	1142	6.49	cps
Silver	107-1	1367	1167	1133	1222	10.33	cps
Sodium	23-2	393819459	394490392	394474275	394261375	0.10	cps
Strontium	86-1	8835727	8690763	8679722	8735404	1.00	cps
Strontium	88-1	76932927	75838298	76094550	76288591	0.75	cps
Sulfur	34-1	11347144	11358118	11337173	11347479	0.09	cps
Terbium	159-1	7374500	7433606	7336016	7381374	0.67	cps
Terbium	159-2	1543256	1553736	1533721	1543571	0.65	cps
Thallium	203-1	92	75	92	86	11.18	cps
Thallium	205-1	158	167	175	167	5.00	cps
Tin	118-1	19190	18923	18805	18973	1.04	cps
Titanium	47-1	1634	1684	2075	1797	13.46	cps
Uranium	238-1	43728	42858	42557	43048	1.41	cps
Vanadium	51-2	7966	7999	8136	8034	1.12	cps
Yttrium	89-1	7322156	7237397	7192503	7250686	0.91	cps
Yttrium	89-2	221862	223928	222837	222876	0.46	cps
Zinc	66-2	627	697	687	670	5.65	cps
Zirconium	90-1	2825	2592	2692	2703	4.33	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-05	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 14:59:34	DataFile Name :	035SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	683	642	672	3.99	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	92	89	5.41	cps
Antimony	121-1	9187	10079	10605	9957	7.20	cps
ArSenic	75-2	304	346	359	336	8.64	cps
Barium	135-1	22854	22921	23013	22929	0.35	cps
Barium	137-1	39142	39894	39937	39658	1.13	cps
Beryllium	9-1	117	139	161	139	16.00	cps
BiSmuth	209-1	3430526	3428750	3470517	3443264	0.69	cps
BiSmuth	209-2	1022558	1044987	1036595	1034714	1.10	cps
Boron	11-1	1712005	1729929	1786255	1742729	2.22	cps
Boron	10-1	343683	343791	356191	347888	2.07	cps
Cadmium	106-1	1392	1692	1433	1506	10.79	cps
Cadmium	108-1	38	33	42	38	11.12	cps
Cadmium	111-1	986	1207	1003	1065	11.54	cps
Calcium	43-1	4594812	4612223	4789359	4665465	2.31	cps
Calcium	44-1	75562754	75311631	78625058	76499814	2.41	cps
Chromium	52-2	757	753	727	746	2.21	cps
Cobalt	59-2	203	150	140	164	20.71	cps
Copper	63-2	2690	2674	2510	2625	3.79	cps
DySproSium	156-1	17	8	50	25	88.19	cps
DySproSium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	50	50	100	67	43.31	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	83	117	108	103	16.88	cps
Gadolinium	160-2	23	27	3	18	71.00	cps
Holmium	165-1	6934967	6987062	6946767	6956265	0.39	cps
Holmium	165-2	1598297	1660051	1652552	1636967	2.06	cps
Indium	115-1	6160245	6095291	6256724	6170754	1.32	cps
Indium	115-2	275781	283814	282276	280623	1.52	cps
Iron	56-2	9070	8436	8959	8822	3.84	cps
Iron	57-2	278	267	250	265	5.28	cps
Lead	206-1	861	661	822	782	13.57	cps
Lead	207-1	633	678	756	689	8.98	cps
Lead	208-1	3111	3011	3050	3058	1.65	cps
Lithium	6-1	1105386	1121146	1143167	1123233	1.69	cps
MagneSium	24-2	21627173	21913196	22106656	21882342	1.10	cps
ManganeSe	55-2	4517	4628	4421	4522	2.29	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	39350	39592	40361	39768	1.33	cps
Molybdenum	94-1	14583	14750	15476	14937	3.18	cps
Molybdenum	95-1	25433	24782	24999	25071	1.32	cps
Molybdenum	96-1	26560	26201	26836	26532	1.20	cps
Molybdenum	97-1	15777	16310	16569	16219	2.49	cps
Neodymium	150-1	40	73	40	51	37.66	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	483	493	647	541	16.92	cps
PhoSphoruS	31-2	50	75	42	56	31.22	cps
PotaSSium	39-2	3895054	3967380	3981209	3947881	1.17	cps
Rhodium	103-1	5574832	5490636	5532897	5532788	0.76	cps
Rhodium	103-2	1461583	1523428	1489516	1491509	2.08	cps
Scandium	45-1	4316225	4308268	4427493	4350662	1.53	cps
Scandium	45-2	34436	35174	35953	35188	2.16	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	1211	1183	1031	1142	8.45	cps
Silicon	28-1	4989153	4919866	5050483	4986501	1.31	cps
Silver	109-1	1117	842	858	939	16.42	cps
Silver	107-1	867	1025	1025	972	9.40	cps
Sodium	23-2	444839610	453173693	451309310	449774204	0.97	cps
Strontium	86-1	9524854	9442315	9754355	9573841	1.69	cps
Strontium	88-1	82140204	81248283	84118516	82502334	1.78	cps
Sulfur	34-1	12351513	12351579	12791303	12498132	2.03	cps
Terbium	159-1	7371161	7216123	7264723	7284002	1.09	cps
Terbium	159-2	1550561	1593211	1562439	1568737	1.40	cps
Thallium	203-1	100	75	25	67	57.29	cps
Thallium	205-1	117	158	125	133	16.54	cps
Tin	118-1	20808	21426	21668	21301	2.08	cps
Titanium	47-1	1592	1583	1842	1672	8.78	cps
Uranium	238-1	36430	37600	37490	37173	1.74	cps
Vanadium	51-2	4911	5154	4984	5017	2.49	cps
Yttrium	89-1	7081269	7137881	7231162	7150104	1.06	cps
Yttrium	89-2	224064	228425	227892	226793	1.05	cps
Zinc	66-2	600	550	493	548	9.74	cps
Zirconium	90-1	2484	2592	2700	2592	4.18	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-06	Instrumnet Name :	P8
Client Sample ID :	20170602-COMP-C	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:02:44	DataFile Name :	036SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	458	617	556	15.32	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	250	342	339	25.83	cps
Antimony	121-1	12231	11739	11889	11953	2.11	cps
ArSenic	75-2	441	461	444	449	2.42	cps
Barium	135-1	25058	24507	24215	24593	1.74	cps
Barium	137-1	44376	43907	43924	44069	0.60	cps
Beryllium	9-1	133	172	167	157	13.36	cps
BiSmuth	209-1	3577891	3559089	3472796	3536592	1.58	cps
BiSmuth	209-2	1021882	1028908	1020314	1023702	0.45	cps
Boron	11-1	1807184	1802411	1842986	1817527	1.22	cps
Boron	10-1	365103	371421	368259	368261	0.86	cps
Cadmium	106-1	1625	1675	1492	1597	5.93	cps
Cadmium	108-1	33	29	21	28	22.92	cps
Cadmium	111-1	1198	1261	1163	1207	4.10	cps
Calcium	43-1	4871937	4903473	4873187	4882865	0.37	cps
Calcium	44-1	80862343	80418708	79497562	80259538	0.87	cps
Chromium	52-2	843	803	667	771	12.01	cps
Cobalt	59-2	163	207	240	203	18.91	cps
Copper	63-2	37604	36839	37895	37446	1.46	cps
DySproSium	156-1	33	58	33	42	34.65	cps
DySproSium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	7256036	7134051	6989948	7126678	1.87	cps
Holmium	165-2	1651521	1610295	1633246	1631688	1.27	cps
Indium	115-1	6505147	6442937	6368100	6438728	1.07	cps
Indium	115-2	281471	279777	275623	278957	1.08	cps
Iron	56-2	12434	12367	12467	12423	0.41	cps
Iron	57-2	389	422	400	404	4.20	cps
Lead	206-1	5401	5235	5668	5435	4.02	cps
Lead	207-1	4918	4607	4651	4725	3.56	cps
Lead	208-1	21958	21741	22069	21923	0.76	cps
Lithium	6-1	1169354	1187727	1171322	1176134	0.86	cps
MagneSium	24-2	21710007	21674203	21982229	21788813	0.77	cps
ManganeSe	55-2	5301	5151	5271	5241	1.52	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	77464	78511	76877	77618	1.07	cps
Molybdenum	94-1	28673	27938	28999	28536	1.90	cps
Molybdenum	95-1	48830	49751	48990	49190	1.00	cps
Molybdenum	96-1	52244	52737	52829	52603	0.60	cps
Molybdenum	97-1	30544	30727	30694	30655	0.32	cps
Neodymium	150-1	53	40	40	44	17.33	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	570	597	663	610	7.88	cps
PhoSphoruS	31-2	17	33	58	36	58.07	cps
PotaSSium	39-2	3933309	3924579	3993742	3950543	0.95	cps
Rhodium	103-1	5775280	5770134	5754350	5766588	0.19	cps
Rhodium	103-2	1488200	1473780	1472185	1478055	0.60	cps
Scandium	45-1	4714908	4670863	4607276	4664349	1.16	cps
Scandium	45-2	35682	35037	35472	35397	0.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	1430	1396	1558	1462	5.85	cps
Silicon	28-1	4660414	4682243	4694085	4678914	0.37	cps
Silver	109-1	883	883	833	867	3.33	cps
Silver	107-1	900	1025	1008	978	6.94	cps
Sodium	23-2	446086510	445047793	454726977	448620427	1.18	cps
Strontium	86-1	9951773	9801950	9904645	9886123	0.77	cps
Strontium	88-1	86023542	85256116	85772837	85684165	0.46	cps
Sulfur	34-1	13454831	13355952	13433686	13414823	0.39	cps
Terbium	159-1	7575246	7571607	7473538	7540130	0.77	cps
Terbium	159-2	1548145	1543982	1531913	1541347	0.55	cps
Thallium	203-1	50	58	83	64	27.15	cps
Thallium	205-1	158	242	217	206	20.80	cps
Tin	118-1	16736	16986	17604	17109	2.61	cps
Titanium	47-1	1834	1684	1575	1697	7.64	cps
Uranium	238-1	55366	56806	57400	56524	1.85	cps
Vanadium	51-2	6325	6442	6642	6469	2.48	cps
Yttrium	89-1	7509015	7438874	7512094	7486661	0.55	cps
Yttrium	89-2	230970	226475	223956	227134	1.56	cps
Zinc	66-2	2504	2704	2690	2633	4.25	cps
Zirconium	90-1	2484	2225	2442	2384	5.82	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-07	Instrumnet Name :	P8
Client Sample ID :	20170601-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:05:54	DataFile Name :	037SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	400	542	514	20.02	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	292	181	54.09	cps
Antimony	121-1	12214	12606	13057	12626	3.34	cps
ArSenic	75-2	748	735	670	718	5.80	cps
Barium	135-1	23430	23664	23305	23466	0.78	cps
Barium	137-1	40028	39937	40321	40095	0.50	cps
Beryllium	9-1	122	111	106	113	7.51	cps
BiSmuth	209-1	3416572	3360419	3374133	3383708	0.87	cps
BiSmuth	209-2	972121	952314	931108	951848	2.15	cps
Boron	11-1	1823606	1839403	1799047	1820685	1.12	cps
Boron	10-1	366259	366678	364005	365647	0.39	cps
Cadmium	106-1	1533	1458	1467	1486	2.77	cps
Cadmium	108-1	46	21	33	33	37.50	cps
Cadmium	111-1	1262	1194	1191	1216	3.32	cps
Calcium	43-1	5023154	4965505	4879481	4956047	1.46	cps
Calcium	44-1	82380021	81186660	79670035	81078905	1.68	cps
Chromium	52-2	757	760	623	713	10.93	cps
Cobalt	59-2	187	103	150	147	28.48	cps
Copper	63-2	2164	2007	2014	2061	4.30	cps
DySproSium	156-1	42	83	75	67	33.07	cps
DySproSium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	125	83	25	78	64.58	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	83	58	92	78	22.30	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	6991329	7041021	6769072	6933807	2.09	cps
Holmium	165-2	1522177	1495267	1465025	1494157	1.91	cps
Indium	115-1	6264891	6295106	6149912	6236636	1.23	cps
Indium	115-2	266413	260213	254933	260520	2.21	cps
Iron	56-2	7658	8924	7080	7887	11.96	cps
Iron	57-2	239	239	272	250	7.70	cps
Lead	206-1	1089	1200	989	1093	9.67	cps
Lead	207-1	972	856	961	930	6.93	cps
Lead	208-1	4489	4428	4367	4428	1.38	cps
Lithium	6-1	1164177	1141444	1127333	1144318	1.62	cps
MagneSium	24-2	21218117	20811872	20491697	20840562	1.75	cps
ManganeSe	55-2	5288	5194	5111	5198	1.70	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	78151	77288	75477	76972	1.77	cps
Molybdenum	94-1	29333	28272	28180	28595	2.24	cps
Molybdenum	95-1	49809	48647	47836	48764	2.03	cps
Molybdenum	96-1	52528	52444	51942	52305	0.61	cps
Molybdenum	97-1	30778	30661	29717	30385	1.91	cps
Neodymium	150-1	93	47	100	80	36.32	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	807	727	740	758	5.66	cps
PhoSphoruS	31-2	42	17	58	39	53.93	cps
PotaSSium	39-2	3855089	3794267	3769453	3806269	1.16	cps
Rhodium	103-1	5496203	5643824	5481631	5540553	1.62	cps
Rhodium	103-2	1416328	1366472	1341539	1374780	2.77	cps
Scandium	45-1	4538701	4515609	4508208	4520840	0.35	cps
Scandium	45-2	33627	33056	32665	33116	1.46	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	4	9	5	78.12	cps
Selenium	82-1	1435	1483	1218	1379	10.26	cps
Silicon	28-1	4945360	4841421	4837811	4874864	1.25	cps
Silver	109-1	742	758	842	781	6.86	cps
Silver	107-1	700	675	742	706	4.77	cps
Sodium	23-2	440326477	428027343	427404693	431919504	1.69	cps
Strontium	86-1	10022625	10064814	9853243	9980228	1.12	cps
Strontium	88-1	86738687	86506850	84885054	86043530	1.17	cps
Sulfur	34-1	13617067	13537058	13295154	13483093	1.24	cps
Terbium	159-1	7290309	7321815	7241486	7284537	0.56	cps
Terbium	159-2	1484039	1439882	1408934	1444285	2.61	cps
Thallium	203-1	75	75	75	75	0.01	cps
Thallium	205-1	83	108	183	125	41.63	cps
Tin	118-1	13799	13933	14333	14022	1.98	cps
Titanium	47-1	1784	1700	1525	1670	7.90	cps
Uranium	238-1	57810	57032	56831	57224	0.90	cps
Vanadium	51-2	7682	7742	7125	7517	4.53	cps
Yttrium	89-1	7363972	7149886	7201866	7238575	1.54	cps
Yttrium	89-2	217507	208726	205666	210633	2.92	cps
Zinc	66-2	647	643	630	640	1.38	cps
Zirconium	90-1	2342	2109	1959	2136	9.04	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-08	Instrumnet Name :	P8
Client Sample ID :	20170600-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:09:05	DataFile Name :	038SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	492	500	456	15.34	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDL Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:12:15 DataFile Name : 039SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	133	131	9.75	cps
Antimony	121-1	1167	1042	1125	1111	5.73	cps
ArSenic	75-2	69	65	50	61	16.04	cps
Barium	135-1	2134	3095	2309	2513	20.39	cps
Barium	137-1	3384	3809	3751	3648	6.32	cps
Beryllium	9-1	78	83	133	98	31.17	cps
BiSmuth	209-1	4815867	4886082	4955001	4885650	1.42	cps
BiSmuth	209-2	1394609	1395576	1350893	1380359	1.85	cps
Boron	11-1	137300	138523	139916	138580	0.94	cps
Boron	10-1	28028	29097	28604	28577	1.87	cps
Cadmium	106-1	1484	1692	1925	1700	13.00	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Cadmium	111-1	1042	1184	1344	1190	12.72	cps
Calcium	43-1	256011	257610	260230	257950	0.83	cps
Calcium	44-1	4317599	4295673	4361332	4324868	0.77	cps
Chromium	52-2	577	607	623	602	3.93	cps
Cobalt	59-2	53	43	47	48	10.66	cps
Copper	63-2	410	417	400	409	2.05	cps
DySproSium	156-1	42	42	33	39	12.38	cps
DySproSium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	92	100	117	103	12.39	cps
Gadolinium	160-2	20	10	3	11	75.52	cps
Holmium	165-1	8831944	8988206	8971736	8930629	0.96	cps
Holmium	165-2	2019177	2037020	1966720	2007639	1.82	cps
Indium	115-1	7943852	7973728	8153304	8023628	1.41	cps
Indium	115-2	342204	335730	331350	336428	1.62	cps
Iron	56-2	6213	5668	5596	5825	5.79	cps
Iron	57-2	144	178	111	144	23.07	cps
Lead	206-1	294	389	389	357	15.26	cps
Lead	207-1	306	467	400	391	20.72	cps
Lead	208-1	1333	1689	1661	1561	12.67	cps
Lithium	6-1	1403097	1413735	1433132	1416655	1.07	cps
MagneSium	24-2	1211314	1211275	1166035	1196208	2.18	cps
ManganeSe	55-2	660	633	517	603	12.63	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:12:15	DataFile Name :	039SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3009	3017	3384	3137	6.83	cps
Molybdenum	94-1	1217	1200	1350	1256	6.55	cps
Molybdenum	95-1	2034	1742	1734	1836	9.31	cps
Molybdenum	96-1	2034	1934	2117	2028	4.53	cps
Molybdenum	97-1	1442	1317	1475	1411	5.92	cps
Neodymium	150-1	73	73	20	56	55.43	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	247	323	243	271	16.69	cps
PhoSphoruS	31-2	8	0	0	3	173.21	cps
PotaSSium	39-2	209613	211551	206199	209121	1.30	cps
Rhodium	103-1	7209479	7289573	7365229	7288094	1.07	cps
Rhodium	103-2	1907756	1896130	1861646	1888511	1.27	cps
Scandium	45-1	5132901	5133534	5266055	5177497	1.48	cps
Scandium	45-2	39365	40081	38162	39203	2.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	6	4	86.60	cps
Selenium	82-1	339	358	317	338	5.99	cps
Silicon	28-1	979390	1048284	973659	1000444	4.15	cps
Silver	109-1	292	325	267	294	9.94	cps
Silver	107-1	392	425	408	408	4.08	cps
Sodium	23-2	24167844	24375476	23554103	24032474	1.78	cps
Strontium	86-1	549554	557307	553115	553325	0.70	cps
Strontium	88-1	4825478	4850923	4875010	4850470	0.51	cps
Sulfur	34-1	1147772	1152022	1160837	1153544	0.58	cps
Terbium	159-1	9350352	9378453	9452973	9393926	0.56	cps
Terbium	159-2	1955733	1955645	1865992	1925790	2.69	cps
Thallium	203-1	83	42	67	64	32.83	cps
Thallium	205-1	183	158	192	178	9.76	cps
Tin	118-1	1300	1358	1342	1333	2.25	cps
Titanium	47-1	883	658	617	720	19.94	cps
Uranium	238-1	2926	2950	2809	2895	2.61	cps
Vanadium	51-2	617	547	580	581	6.02	cps
Yttrium	89-1	8696371	8781952	8817522	8765282	0.71	cps
Yttrium	89-2	261435	257580	252902	257306	1.66	cps
Zinc	66-2	110	110	87	102	13.18	cps
Zirconium	90-1	533	608	658	600	10.48	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:12:15	DataFile Name :	039SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	50	83	94	53.91	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUPI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:15:21 DataFile Name : 040SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	150	136	17.67	cps
Antimony	121-1	1759	1442	1684	1628	10.17	cps
ArSenic	75-2	43	69	67	59	24.41	cps
Barium	135-1	2934	3050	2917	2967	2.45	cps
Barium	137-1	4851	5151	5076	5026	3.11	cps
Beryllium	9-1	200	222	206	209	5.53	cps
BiSmuth	209-1	4804625	4975195	4924873	4901564	1.79	cps
BiSmuth	209-2	1390968	1381557	1401595	1391373	0.72	cps
Boron	11-1	121142	124452	126949	124181	2.35	cps
Boron	10-1	24681	25306	26083	25357	2.77	cps
Cadmium	106-1	1800	1884	1934	1872	3.60	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Cadmium	111-1	1383	1457	1446	1429	2.79	cps
Calcium	43-1	260429	262158	261820	261469	0.35	cps
Calcium	44-1	4302754	4397164	4383353	4361090	1.17	cps
Chromium	52-2	613	747	663	674	9.99	cps
Cobalt	59-2	140	177	157	158	11.64	cps
Copper	63-2	637	617	680	644	5.02	cps
DySproSium	156-1	42	33	33	36	13.33	cps
DySproSium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	92	58	42	64	39.85	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	8735242	9086513	9003004	8941586	2.05	cps
Holmium	165-2	2034707	1978375	2023870	2012317	1.49	cps
Indium	115-1	7763617	8204313	8063677	8010536	2.81	cps
Indium	115-2	336458	335715	336798	336324	0.16	cps
Iron	56-2	7736	7558	7730	7675	1.32	cps
Iron	57-2	261	167	161	196	28.63	cps
Lead	206-1	739	706	783	743	5.26	cps
Lead	207-1	683	683	728	698	3.68	cps
Lead	208-1	2950	3050	3056	3019	1.97	cps
Lithium	6-1	1379166	1430597	1429443	1413069	2.08	cps
MagneSium	24-2	1214620	1236520	1210175	1220438	1.16	cps
ManganeSe	55-2	547	723	667	646	13.97	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DDUPI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:15:21 DataFile Name : 040SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3876	3592	3376	3615	6.94	cps
Molybdenum	94-1	1550	1709	1675	1645	5.08	cps
Molybdenum	95-1	2409	2234	2084	2242	7.26	cps
Molybdenum	96-1	2584	2467	2625	2559	3.21	cps
Molybdenum	97-1	1659	1508	1567	1578	4.79	cps
Neodymium	150-1	53	53	27	44	34.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	413	300	340	351	16.37	cps
PhoSphoruS	31-2	8	25	25	19	49.50	cps
PotaSSium	39-2	212360	212558	213537	212818	0.30	cps
Rhodium	103-1	7152149	7300001	7197183	7216445	1.05	cps
Rhodium	103-2	1893044	1874417	1909465	1892309	0.93	cps
Scandium	45-1	5018921	5236931	5228905	5161586	2.39	cps
Scandium	45-2	39877	38530	39526	39311	1.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	127	183	162	157	18.08	cps
Silicon	28-1	1007589	1011943	1003354	1007629	0.43	cps
Silver	109-1	842	925	1200	989	18.96	cps
Silver	107-1	1058	1017	1092	1056	3.56	cps
Sodium	23-2	24453657	24568503	24575720	24532626	0.28	cps
Strontium	86-1	559940	559416	563096	560817	0.36	cps
Strontium	88-1	4870935	4928256	4972814	4924002	1.04	cps
Sulfur	34-1	1149332	1155478	1148136	1150982	0.34	cps
Terbium	159-1	9024638	9469655	9376739	9290344	2.53	cps
Terbium	159-2	1931181	1922697	1924433	1926104	0.23	cps
Thallium	203-1	500	433	525	486	9.75	cps
Thallium	205-1	1075	1083	1092	1083	0.77	cps
Tin	118-1	1583	1342	1475	1467	8.25	cps
Titanium	47-1	758	642	833	745	12.97	cps
Uranium	238-1	4443	4259	4259	4320	2.45	cps
Vanadium	51-2	627	650	547	608	8.92	cps
Yttrium	89-1	8498546	8860060	8735890	8698166	2.11	cps
Yttrium	89-2	258345	256033	259324	257900	0.66	cps
Zinc	66-2	97	90	153	113	30.71	cps
Zirconium	90-1	1208	1417	1575	1400	13.14	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DDUPI	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:15:21	DataFile Name :	040SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	358	342	353	2.73	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01LDLX100 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DLXL Dilution Factor : 100
 Date & Time Acquired :: 2017-09-21 15:18:29 DataFile Name : 041SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	33	39	24.74	cps
Antimony	121-1	292	200	217	236	20.68	cps
ArSenic	75-2	9	9	11	10	10.81	cps
Barium	135-1	450	583	475	503	14.10	cps
Barium	137-1	925	1033	992	983	5.56	cps
Beryllium	9-1	144	167	106	139	22.27	cps
BiSmuth	209-1	5318410	5345635	5393233	5352426	0.71	cps
BiSmuth	209-2	1492710	1495598	1513556	1500621	0.75	cps
Boron	11-1	48216	46861	47538	47538	1.42	cps
Boron	10-1	10187	9312	9720	9740	4.50	cps
Cadmium	106-1	1742	1634	1900	1759	7.63	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Cadmium	111-1	1221	1149	1328	1232	7.32	cps
Calcium	43-1	53101	53787	54063	53651	0.92	cps
Calcium	44-1	891809	884587	899535	891977	0.84	cps
Chromium	52-2	657	633	663	651	2.42	cps
Cobalt	59-2	30	37	13	27	45.08	cps
Copper	63-2	307	290	337	311	7.60	cps
DySproSium	156-1	58	33	17	36	58.08	cps
DySproSium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	75	125	75	92	31.50	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	9440164	9377077	9391830	9403024	0.35	cps
Holmium	165-2	2118100	2094206	2113797	2108701	0.60	cps
Indium	115-1	8440465	8383612	8664449	8496175	1.75	cps
Indium	115-2	351811	357068	358910	355929	1.03	cps
Iron	56-2	2550	2400	2661	2537	5.17	cps
Iron	57-2	50	72	39	54	31.60	cps
Lead	206-1	344	383	417	382	9.48	cps
Lead	207-1	344	372	322	346	7.23	cps
Lead	208-1	1595	1483	1550	1543	3.63	cps
Lithium	6-1	1484638	1483667	1508777	1492361	0.95	cps
MagneSium	24-2	235750	236196	238764	236903	0.69	cps
ManganeSe	55-2	173	157	133	154	13.01	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DLXL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-21 15:18:29	DataFile Name :	041SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	700	642	633	658	5.52	cps
Molybdenum	94-1	592	517	575	561	7.02	cps
Molybdenum	95-1	458	350	342	383	16.98	cps
Molybdenum	96-1	575	458	633	556	16.04	cps
Molybdenum	97-1	567	417	558	514	16.41	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	247	327	278	15.43	cps
PhoSphoruS	31-2	17	8	8	11	43.34	cps
PotaSSium	39-2	46695	45307	47264	46422	2.17	cps
Rhodium	103-1	7781319	7699389	7900839	7793849	1.30	cps
Rhodium	103-2	1976260	2014863	2016206	2002443	1.13	cps
Scandium	45-1	5375483	5377160	5362419	5371687	0.15	cps
Scandium	45-2	40592	40679	41100	40790	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	56	-8	73	41	104.97	cps
Silicon	28-1	610309	587341	590496	596048	2.09	cps
Silver	109-1	208	250	217	225	9.80	cps
Silver	107-1	242	250	242	244	1.97	cps
Sodium	23-2	4983345	5051285	5043662	5026098	0.74	cps
Strontium	86-1	112991	113637	112258	112962	0.61	cps
Strontium	88-1	973821	978031	970589	974147	0.38	cps
Sulfur	34-1	650145	646736	642938	646606	0.56	cps
Terbium	159-1	9848589	9830593	9924244	9867809	0.50	cps
Terbium	159-2	2026645	2026675	2031801	2028374	0.15	cps
Thallium	203-1	150	58	67	92	55.30	cps
Thallium	205-1	242	175	150	189	25.09	cps
Tin	118-1	875	725	900	833	11.36	cps
Titanium	47-1	283	242	317	281	13.39	cps
Uranium	238-1	650	642	642	644	0.75	cps
Vanadium	51-2	83	110	110	101	15.22	cps
Yttrium	89-1	9126107	9144535	9036132	9102258	0.64	cps
Yttrium	89-2	270691	268566	270852	270036	0.47	cps
Zinc	66-2	163	113	187	154	24.26	cps
Zirconium	90-1	575	533	467	525	10.41	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DLXL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-21 15:18:29	DataFile Name :	041SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	183	83	156	40.56	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01MSDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DMSDI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:21:37 DataFile Name : 042SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3301	3209	3142	3217	2.47	cps
Antimony	121-1	220140	218104	220333	219526	0.56	cps
ArSenic	75-2	2372	2439	2471	2427	2.07	cps
Barium	135-1	230423	231558	234140	232040	0.82	cps
Barium	137-1	403203	405269	399873	402782	0.68	cps
Beryllium	9-1	31930	32476	32866	32424	1.45	cps
BiSmuth	209-1	5155963	5110885	5213280	5160043	0.99	cps
BiSmuth	209-2	1409291	1438400	1428382	1425357	1.04	cps
Boron	11-1	128665	130204	131676	130182	1.16	cps
Boron	10-1	26267	27535	27168	26990	2.42	cps
Cadmium	106-1	6177	6852	6418	6482	5.28	cps
Cadmium	108-1	3296	3321	3163	3260	2.61	cps
Cadmium	111-1	48643	48714	48855	48737	0.22	cps
Calcium	43-1	314213	313691	316091	314665	0.40	cps
Calcium	44-1	5177776	5160547	5181457	5173260	0.22	cps
Chromium	52-2	22395	22765	22742	22634	0.92	cps
Cobalt	59-2	45187	45554	46344	45695	1.29	cps
Copper	63-2	78339	78564	78973	78625	0.41	cps
DySproSium	156-1	17	42	58	39	53.93	cps
DySproSium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	200	225	267	231	14.61	cps
Erbium	164-2	40	30	57	42	31.91	cps
Gadolinium	160-1	50	50	108	69	48.50	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	9418888	9274325	9429756	9374323	0.93	cps
Holmium	165-2	2032295	2063576	2032403	2042758	0.88	cps
Indium	115-1	8225518	8323298	8378953	8309256	0.93	cps
Indium	115-2	340027	343961	342027	342005	0.58	cps
Iron	56-2	697777	701507	705300	701528	0.54	cps
Iron	57-2	17450	17667	17417	17511	0.78	cps
Lead	206-1	115650	115242	114535	115142	0.49	cps
Lead	207-1	102102	103306	104830	103413	1.32	cps
Lead	208-1	463712	462715	466737	464388	0.45	cps
Lithium	6-1	1453822	1429336	1454585	1445914	0.99	cps
MagneSium	24-2	1252011	1283355	1280468	1271945	1.36	cps
ManganeSe	55-2	12546	11919	12386	12283	2.65	cps

LB Number : LB90277 Operator : JaSwal
 Lab Sample ID : I5259-01MSDLX20 Instrumnet Name : P8
 Client Sample ID : 20170603-COMP-DMSDI Dilution Factor : 20
 Date & Time Acquired :: 2017-09-21 15:21:37 DataFile Name : 042SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	156849	157235	158931	157672	0.70	cps
Molybdenum	94-1	173129	177376	176288	175598	1.26	cps
Molybdenum	95-1	98396	99530	100437	99454	1.03	cps
Molybdenum	96-1	124922	124088	127890	125633	1.59	cps
Molybdenum	97-1	61800	61566	62671	62012	0.94	cps
Neodymium	150-1	73	47	47	56	27.71	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13473	13660	13917	13684	1.63	cps
PhoSphoruS	31-2	17	17	17	17	0.00	cps
PotaSSium	39-2	226273	227283	229135	227563	0.64	cps
Rhodium	103-1	7509549	7620475	7708204	7612743	1.31	cps
Rhodium	103-2	1897077	1923993	1878703	1899924	1.20	cps
Scandium	45-1	5277246	5268031	5333697	5292991	0.67	cps
Scandium	45-2	38957	39743	40304	39668	1.71	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	63	61	63	62	1.71	cps
Selenium	82-1	3079	3273	3293	3215	3.68	cps
Silicon	28-1	1213402	1185437	1228966	1209268	1.82	cps
Silver	109-1	227461	231222	236647	231777	1.99	cps
Silver	107-1	242704	246835	246419	245319	0.93	cps
Sodium	23-2	23694009	23890428	24070375	23884937	0.79	cps
Strontium	86-1	620467	616241	626650	621119	0.84	cps
Strontium	88-1	5428451	5424396	5467956	5440268	0.44	cps
Sulfur	34-1	1170041	1151696	1149918	1157218	0.96	cps
Terbium	159-1	9917233	9676945	9887162	9827113	1.33	cps
Terbium	159-2	1943161	1972260	1976723	1964048	0.93	cps
Thallium	203-1	146047	146824	146537	146469	0.27	cps
Thallium	205-1	351337	344706	348115	348053	0.95	cps
Tin	118-1	153041	154515	153952	153836	0.48	cps
Titanium	47-1	29749	29106	29515	29457	1.10	cps
Uranium	238-1	420846	421006	430753	424202	1.34	cps
Vanadium	51-2	16443	16864	16887	16731	1.49	cps
Yttrium	89-1	9031915	9078274	9106372	9072187	0.41	cps
Yttrium	89-2	258035	259264	259795	259031	0.35	cps
Zinc	66-2	6348	6251	6615	6405	2.94	cps
Zirconium	90-1	330324	331944	333297	331855	0.45	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	I5259-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	20170603-COMP-DMSD	Dilution Factor :	20
Date & Time Acquired ::	2017-09-21 15:21:37	DataFile Name :	042SMPL_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	73583	73508	73608	73566	0.07	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332524	324780	327331	328212	1.20	cps
Antimony	121-1	4984140	4940096	4951962	4958733	0.46	cps
ArSenic	75-2	47784	47777	47087	47549	0.84	cps
Barium	135-1	5123896	5133407	5089687	5115664	0.45	cps
Barium	137-1	8881060	8840109	8809104	8843425	0.41	cps
Beryllium	9-1	679154	677888	685830	680957	0.63	cps
BiSmuth	209-1	5758790	5834536	5741860	5778395	0.85	cps
BiSmuth	209-2	1369702	1471179	1474673	1438518	4.14	cps
Boron	11-1	377530	380968	386268	381589	1.15	cps
Boron	10-1	81163	82830	83434	82476	1.43	cps
Cadmium	106-1	104369	105595	106359	105441	0.95	cps
Cadmium	108-1	70303	71304	71782	71130	1.06	cps
Cadmium	111-1	1001286	1003709	1009149	1004715	0.40	cps
Calcium	43-1	5421818	5433070	5476315	5443734	0.53	cps
Calcium	44-1	89037564	89090856	89528700	89219040	0.30	cps
Chromium	52-2	467101	464799	464400	465433	0.31	cps
Cobalt	59-2	908173	908099	912831	909701	0.30	cps
Copper	63-2	1598921	1544311	1520101	1554444	2.60	cps
DySproSium	156-1	100	142	117	119	17.56	cps
DySproSium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	133	75	108	106	27.73	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	10127268	10222139	10396377	10248595	1.33	cps
Holmium	165-2	1933020	2074794	2081061	2029625	4.12	cps
Indium	115-1	8566922	8597802	8472130	8545618	0.77	cps
Indium	115-2	309599	330779	332076	324151	3.89	cps
Iron	56-2	71558357	70147865	70327240	70677821	1.09	cps
Iron	57-2	1802574	1778986	1799202	1793587	0.71	cps
Lead	206-1	2709448	2738542	2766289	2738093	1.04	cps
Lead	207-1	2477344	2517855	2506065	2500421	0.83	cps
Lead	208-1	11000029	11090558	11166278	11085622	0.75	cps
Lithium	6-1	1467903	1488586	1473256	1476582	0.73	cps
MagneSium	24-2	8199066	8045398	8066822	8103762	1.03	cps
ManganeSe	55-2	240603	238182	238042	238942	0.60	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3397308	3376763	3444206	3406092	1.01	cps
Molybdenum	94-1	3961066	3945960	3943995	3950341	0.24	cps
Molybdenum	95-1	2171297	2168090	2172409	2170599	0.10	cps
Molybdenum	96-1	2793451	2778293	2794118	2788621	0.32	cps
Molybdenum	97-1	1280679	1288915	1289978	1286524	0.40	cps
Neodymium	150-1	273	233	213	240	12.73	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	274812	276442	273036	274763	0.62	cps
PhoSphoruS	31-2	4384	4568	4201	4384	4.18	cps
PotaSSium	39-2	2279259	2234479	2255058	2256265	0.99	cps
Rhodium	103-1	7629501	7687073	7644970	7653848	0.39	cps
Rhodium	103-2	1759595	1876365	1869351	1835104	3.57	cps
Scandium	45-1	5325209	5353221	5320786	5333072	0.33	cps
Scandium	45-2	37213	38890	39823	38642	3.42	cps
Selenium	77-2	320	273	413	336	21.24	cps
Selenium	78-2	1135	1141	1191	1156	2.65	cps
Selenium	82-1	62608	61720	62620	62316	0.83	cps
Silicon	28-1	2365192	2379241	2393369	2379267	0.59	cps
Silver	109-1	4435813	4477165	4466205	4459727	0.48	cps
Silver	107-1	4665877	4697458	4651210	4671515	0.51	cps
Sodium	23-2	19770516	19623097	19723795	19705803	0.38	cps
Strontium	86-1	1378173	1388256	1378273	1381567	0.42	cps
Strontium	88-1	12004518	12053960	12013905	12024128	0.22	cps
Sulfur	34-1	764378	765315	765675	765123	0.09	cps
Terbium	159-1	10638696	10634189	10758734	10677206	0.66	cps
Terbium	159-2	1876531	2016400	1998520	1963817	3.88	cps
Thallium	203-1	3350555	3348611	3382762	3360643	0.57	cps
Thallium	205-1	7861272	7817664	7887153	7855363	0.45	cps
Tin	118-1	3435073	3429278	3454933	3439761	0.39	cps
Titanium	47-1	584282	589069	587629	586993	0.42	cps
Uranium	238-1	10298960	10398980	10278359	10325433	0.62	cps
Vanadium	51-2	329102	328273	327211	328195	0.29	cps
Yttrium	89-1	9246130	9314480	9306008	9288873	0.40	cps
Yttrium	89-2	238288	257838	257286	251137	4.43	cps
Zinc	66-2	128986	127651	127388	128008	0.67	cps
Zirconium	90-1	7472153	7438305	7506678	7472379	0.46	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:40:54	DataFile Name :	045CCV_P8092117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1670068	1685974	1652258	1669433	1.01	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:43:53	DataFile Name :	046CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	0	0	14	173.21	cps
Antimony	121-1	2967	3092	3126	3062	2.73	cps
ArSenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	83	117	67	89	28.64	cps
Barium	137-1	200	83	150	144	40.52	cps
Beryllium	9-1	483	467	450	467	3.57	cps
BiSmuth	209-1	6148283	5897804	6164421	6070169	2.46	cps
BiSmuth	209-2	1584980	1560184	1567907	1571024	0.81	cps
Boron	11-1	28504	26693	25106	26768	6.35	cps
Boron	10-1	5601	6010	5701	5771	3.69	cps
Cadmium	106-1	2125	1809	1767	1900	10.32	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Cadmium	111-1	1500	1299	1271	1357	9.19	cps
Calcium	43-1	1917	1950	1817	1895	3.66	cps
Calcium	44-1	39039	39457	39022	39173	0.63	cps
Chromium	52-2	867	920	923	903	3.52	cps
Cobalt	59-2	43	57	33	44	26.35	cps
Copper	63-2	313	300	337	317	5.86	cps
DySproSium	156-1	25	17	25	22	21.64	cps
DySproSium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	10204546	9850064	10251836	10102148	2.17	cps
Holmium	165-2	2123184	2098957	2125713	2115952	0.70	cps
Indium	115-1	9001244	8618346	8898053	8839214	2.24	cps
Indium	115-2	355020	348325	349551	350965	1.02	cps
Iron	56-2	5699	3578	3628	4302	28.13	cps
Iron	57-2	100	94	117	104	11.15	cps
Lead	206-1	872	845	1078	932	13.68	cps
Lead	207-1	845	733	733	770	8.33	cps
Lead	208-1	3761	3428	3595	3595	4.64	cps
Lithium	6-1	1530085	1461527	1555699	1515770	3.21	cps
MagneSium	24-2	1068	317	267	550	81.54	cps
ManganeSe	55-2	63	37	33	44	37.00	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:43:53	DataFile Name :	046CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1759	1692	1317	1589	14.99	cps
Molybdenum	94-1	1250	1258	1033	1181	10.81	cps
Molybdenum	95-1	1075	900	842	939	12.93	cps
Molybdenum	96-1	1067	1067	1067	1067	0.00	cps
Molybdenum	97-1	883	775	642	767	15.79	cps
Neodymium	150-1	13	33	13	20	57.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	323	280	243	282	14.19	cps
PhoSphoruS	31-2	17	0	0	6	173.21	cps
PotaSSium	39-2	4243	4251	4001	4165	3.41	cps
Rhodium	103-1	8291517	7859220	8241853	8130863	2.91	cps
Rhodium	103-2	2073682	2041163	2027006	2047284	1.17	cps
Scandium	45-1	5380882	5098036	5313000	5263973	2.81	cps
Scandium	45-2	40869	39622	39302	39931	2.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-62	-9	-169	-80	-102.13	cps
Silicon	28-1	415689	420612	419835	418712	0.63	cps
Silver	109-1	650	825	717	731	12.09	cps
Silver	107-1	758	858	717	778	9.36	cps
Sodium	23-2	92214	78618	80779	83870	8.71	cps
Strontium	86-1	1000	792	1108	967	16.65	cps
Strontium	88-1	567	475	425	489	14.70	cps
Sulfur	34-1	411588	409980	409231	410266	0.29	cps
Terbium	159-1	10830049	10292382	10813522	10645318	2.87	cps
Terbium	159-2	2083194	2031685	2038508	2051129	1.36	cps
Thallium	203-1	658	775	575	670	15.01	cps
Thallium	205-1	1884	1425	1609	1639	14.08	cps
Tin	118-1	2284	2117	2484	2295	8.00	cps
Titanium	47-1	200	217	142	186	21.16	cps
Uranium	238-1	225	325	242	264	20.30	cps
Vanadium	51-2	23	10	0	11	105.35	cps
Yttrium	89-1	9390035	8956598	9394954	9247196	2.72	cps
Yttrium	89-2	265119	261019	259928	262022	1.04	cps
Zinc	66-2	50	70	53	58	18.55	cps
Zirconium	90-1	1467	1350	1700	1506	11.84	cps

LB Number :	LB90277	Operator :	JaSwal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-09-21 15:43:53	DataFile Name :	046CCBE_P8092117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	225	400	322	27.65	cps