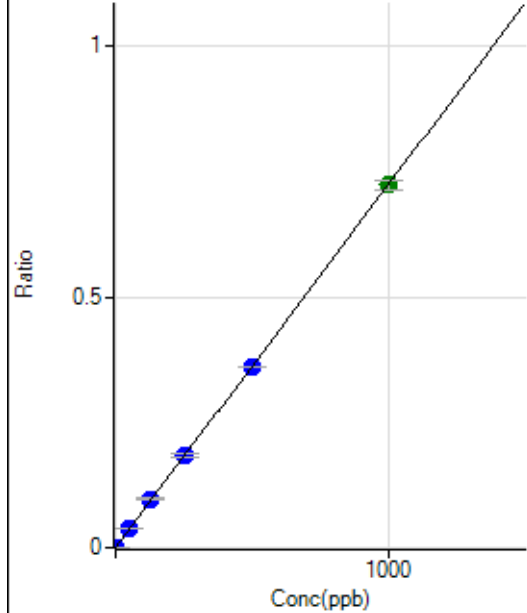


Batch Folder: D:\P8082918 MS .b\
Analysis File: P8082918 MS .batch.bin
DA Date-Time: 2018-08-30 12:11:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8082918 MS.D	S00	2018-08-29 12:23:43
2			
3	005CAL5 P8082918 MS.D	S02	2018-08-29 12:31:11
4	006CAL5 P8082918 MS.D	S03	2018-08-29 12:34:55
5	007CAL5 P8082918 MS.D	S04	2018-08-29 12:38:40
6	008CAL5 P8082918 MS.D	S05	2018-08-29 12:42:17
7	009CAL5 P8082918 MS.D	S06	2018-08-29 12:45:49
8	010CAL5 P8082918 MS.D	S07	2018-08-29 12:49:18
9	011CAL5 P8082918 MS.D	S08	2018-08-29 12:52:41

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	1.084	1335.29	0.0008	P	5.4
4	☐	50.000	52.861	61363.94	0.0383	P	2.1
5	☐	125.000	133.347	151546.32	0.0966	P	4.2
6	☐	250.000	254.765	292598.42	0.1845	P	2.9
7	☐	500.000	497.712	559444.63	0.3603	P	0.4
8	☐	1000.000	998.766	1094730.03	0.7229	A	2.6
9	☐			727.82	0.0005	P	12.9

$$y = 7.2376\text{E-}004 * x + 6.1752\text{E-}005$$

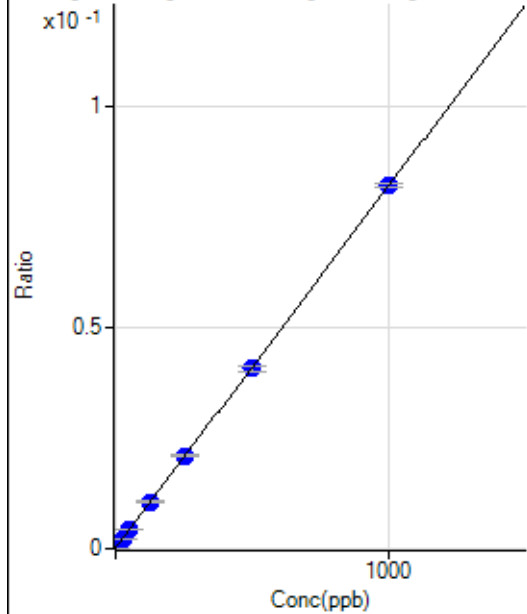
$$R = 1.0000$$

$$DL = 0.008641$$

$$BEC = 0.08532$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0001	P	29.3
2	☐	2.500					
3	☐	25.000	26.184	3536.70	0.0022	P	4.5
4	☐	50.000	52.504	7040.95	0.0044	P	5.0
5	☐	125.000	127.785	16582.45	0.0106	P	2.5
6	☐	250.000	255.381	33342.33	0.0210	P	2.0
7	☐	500.000	495.580	63148.24	0.0407	P	4.1
8	☐	1000.000	1000.362	124216.72	0.0820	P	1.1
9	☐			6568.44	0.0044	P	4.8

$$y = 8.1887\text{E-}005 * x + 9.7818\text{E-}005$$

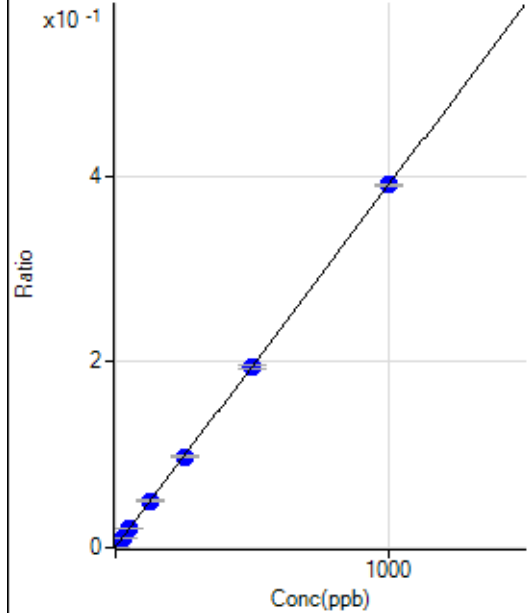
$$R = 1.0000$$

$$DL = 1.049$$

$$BEC = 1.195$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	719.49	0.0005	P	8.8
2	☐	2.500					
3	☐	25.000	24.275	15628.54	0.0099	P	0.8
4	☐	50.000	50.584	32281.75	0.0202	P	2.4
5	☐	125.000	126.590	78093.37	0.0498	P	3.7
6	☐	250.000	248.782	154439.59	0.0973	P	2.3
7	☐	500.000	498.766	302279.49	0.1947	P	2.1
8	☐	1000.000	1000.711	590999.05	0.3902	P	0.8
9	☐			31847.53	0.0212	P	9.8

$$y = 3.8945E-004 * x + 4.5260E-004$$

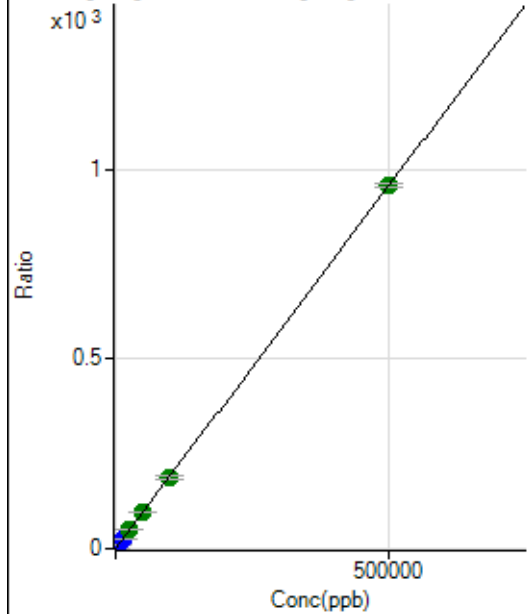
$$R = 1.0000$$

$$DL = 0.3055$$

$$BEC = 1.162$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4823.26	0.1526	P	5.4
2	☐	50.000					
3	☐	500.000	486.625	34971.70	1.0817	P	1.7
4	☐	5000.000	4939.208	303787.46	9.5831	P	0.9
5	☐	12500.000	12388.595	734276.44	23.8064	P	0.6
6	☐	25000.000	26492.441	1410813.84	50.7352	A	5.4
7	☐	50000.000	50156.572	2618167.31	95.9176	A	1.6
8	☐	100000.00	98019.561	5037482.49	187.3034	A	3.0
9	☐	500000.00	500309.21	27036627.69	955.4036	A	1.2

$$y = 0.0019 * x + 0.1526$$

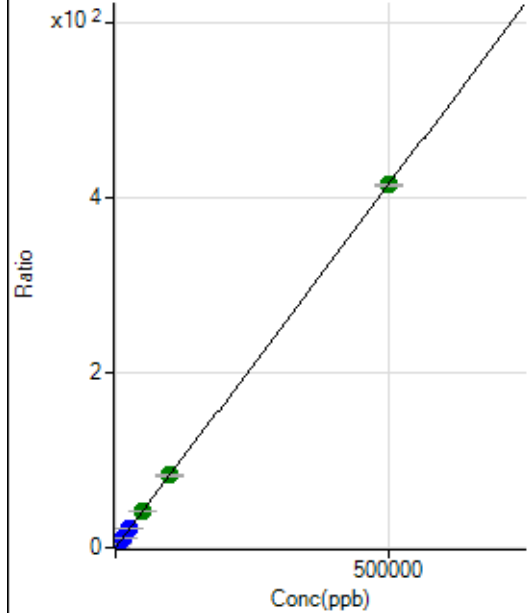
$$R = 1.0000$$

$$DL = 12.96$$

$$BEC = 79.93$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.27	0.0205	P	8.3
2	☐	50.000					
3	☐	500.000	467.581	13223.36	0.4091	P	2.5
4	☐	5000.000	4959.997	131326.39	4.1427	P	0.8
5	☐	12500.000	12474.621	320407.93	10.3881	P	0.3
6	☐	25000.000	26271.768	607646.46	21.8548	P	5.9
7	☐	50000.000	50587.776	1148046.98	42.0637	A	3.3
8	☐	100000.00	100343.09	2243520.28	83.4150	A	2.8
9	☐	500000.00	499810.08	11756514.24	415.4098	A	0.4

$$y = 8.3109\text{E-}004 * x + 0.0205$$

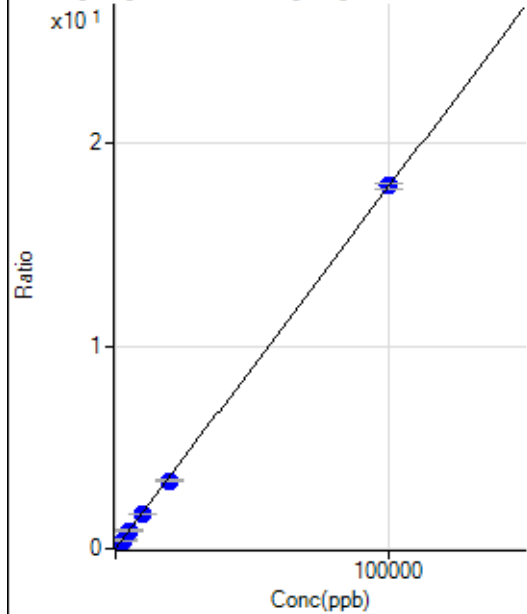
$$R = 1.0000$$

$$DL = 6.108$$

$$BEC = 24.64$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0004	P	29.8
2	☐	2.000					
3	☐	20.000	19.879	128.37	0.0040	P	14.9
4	☐	1000.000	960.112	5449.14	0.1719	P	2.5
5	☐	2500.000	2384.734	13151.98	0.4264	P	1.6
6	☐	5000.000	5007.227	24883.02	0.8948	P	5.5
7	☐	10000.000	9504.228	46355.07	1.6981	P	1.0
8	☐	20000.000	18826.226	90450.06	3.3632	P	3.2
9	☐	100000.00	100287.25	506935.12	17.9140	P	1.3

$$y = 1.7862\text{E-}004 * x + 4.2266\text{E-}004$$

$$R = 0.9999$$

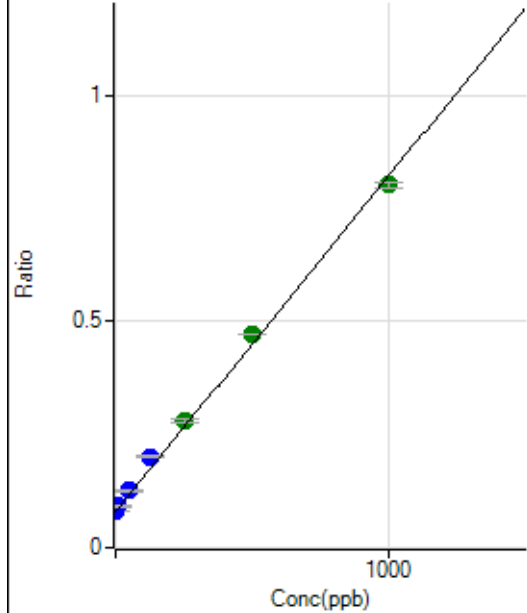
$$DL = 2.118$$

$$BEC = 2.366$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331213.34	0.0794	P	0.7
2	☐	1.000					
3	☐	10.000	16.573	389498.69	0.0917	P	2.8
4	☐	50.000	63.089	534980.76	0.1262	P	1.6
5	☐	125.000	164.564	823635.05	0.2014	P	3.8
6	☐	250.000	270.773	1167195.46	0.2801	A	3.4
7	☐	500.000	530.590	1887202.15	0.4728	A	0.3
8	☐	1000.000	973.846	3145480.58	0.8014	A	1.8
9	☐			528447.39	0.1353	P	1.4

$$y = 7.4137\text{E-}004 * x + 0.0794$$

$$R = 0.9986$$

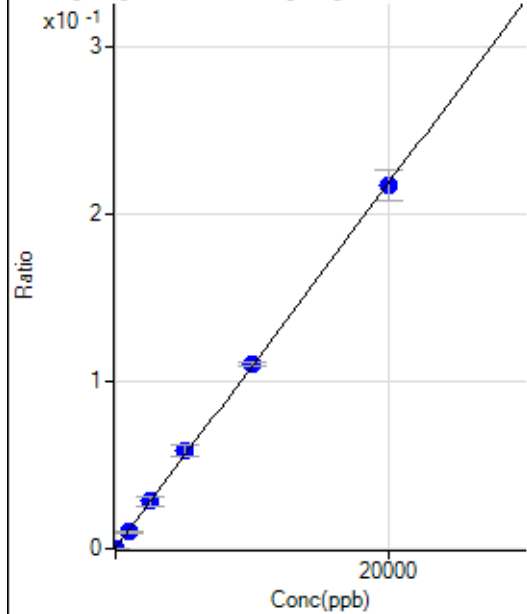
$$DL = 2.171$$

$$BEC = 107.1$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.384	8.33	0.0003	P	99.6
2	☐	0.000					
3	☐	0.000	-0.384	8.33	0.0003	P	99.8
4	☐	1000.000	893.373	316.68	0.0100	P	16.5
5	☐	2500.000	2594.262	880.63	0.0285	P	19.1
6	☐	5000.000	5376.031	1633.50	0.0589	P	12.3
7	☐	10000.000	10088.500	3008.79	0.1102	P	2.9
8	☐	20000.000	19855.291	5826.43	0.2167	P	8.4
9	☐			8.33	0.0003	P	1.5

$$y = 1.0901\text{E-}005 * x + 2.6040\text{E-}004$$

$$R = 0.9997$$

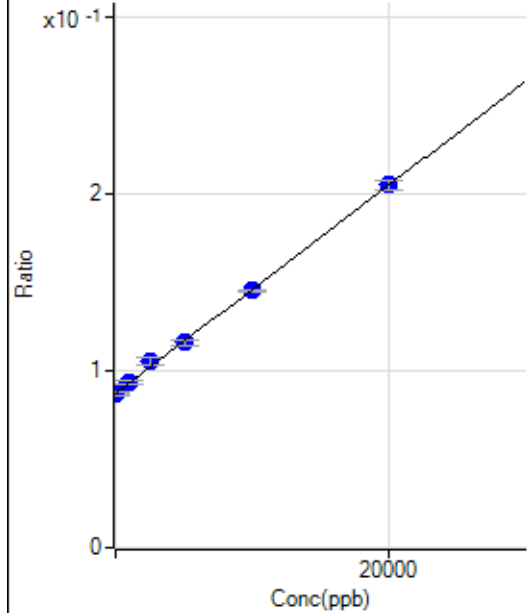
$$DL = 71.46$$

$$BEC = 23.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	54.088	365765.41	0.0877	P	0.9
2	☐	0.000					
3	☐	0.000	-54.088	369834.54	0.0871	P	2.2
4	☐	1000.000	1103.736	398013.73	0.0939	P	1.8
5	☐	2500.000	3102.239	432045.22	0.1057	P	3.9
6	☐	5000.000	4852.847	483234.28	0.1160	P	2.9
7	☐	10000.000	9851.982	580535.66	0.1454	P	0.3
8	☐	20000.000	20030.331	806200.71	0.2054	P	2.5
9	☐			330060.04	0.0845	P	1.1

$$y = 5.8934\text{E-}006 * x + 0.0874$$

$$R = 0.9994$$

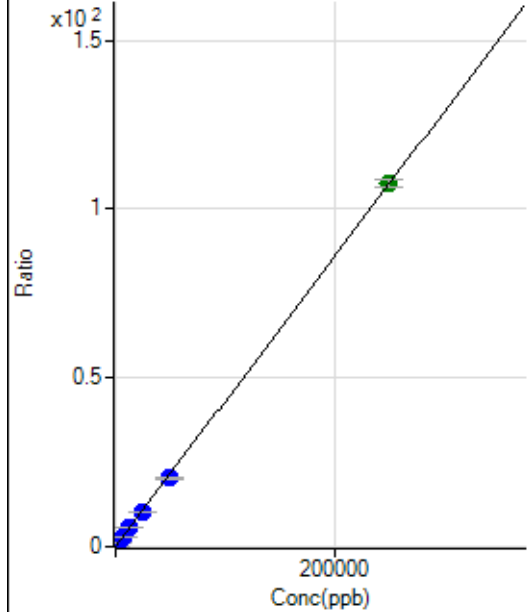
$$DL = 689.6$$

$$BEC = 1.482\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2278.07	0.0721	P	8.4
2	☐	50.000					
3	☐	500.000	478.858	8961.59	0.2773	P	2.4
4	☐	2500.000	2419.934	35144.96	1.1089	P	3.1
5	☐	6250.000	6145.026	83427.32	2.7048	P	1.6
6	☐	12500.000	12766.341	154139.93	5.5416	P	4.5
7	☐	25000.000	23966.721	282260.73	10.3402	P	1.3
8	☐	50000.000	47038.248	544042.66	20.2248	P	1.9
9	☐	250000.00	250685.82	3041249.39	107.4739	A	2.0

$$y = 4.2843\text{E-}004 * x + 0.0721$$

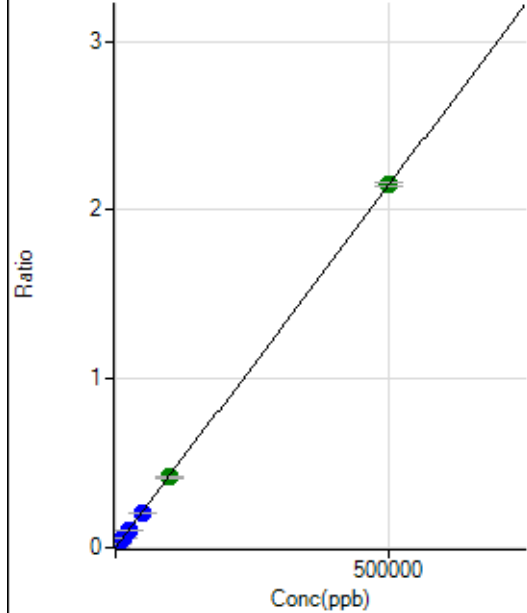
$$R = 0.9999$$

$$DL = 42.28$$

$$BEC = 168.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.82	0.0001	P	9.7
2	☐	50.000					
3	☐	500.000	461.819	9011.61	0.0021	P	2.1
4	☐	5000.000	4830.589	88489.51	0.0209	P	2.4
5	☐	12500.000	12384.341	217971.84	0.0533	P	3.2
6	☐	25000.000	23787.276	426012.18	0.1022	P	2.8
7	☐	50000.000	48345.732	828881.26	0.2076	P	0.3
8	☐	100000.00	97067.149	1635591.08	0.4168	A	2.8
9	☐	500000.00	500817.25	8395092.98	2.1497	A	0.9

$$y = 4.2921\text{E-}006 * x + 1.3845\text{E-}004$$

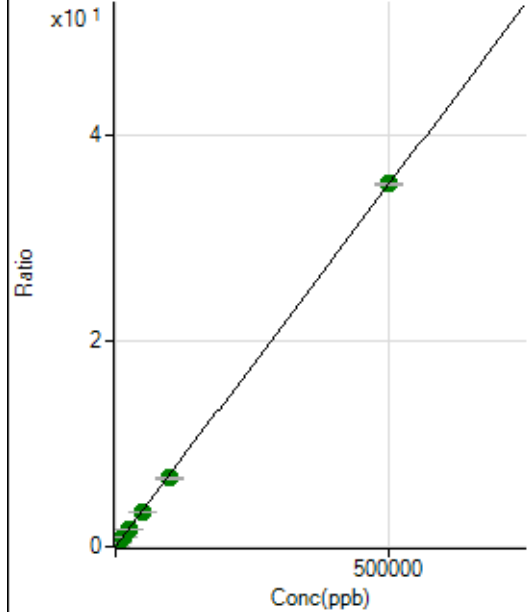
$$R = 1.0000$$

$$DL = 9.418$$

$$BEC = 32.26$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15172.77	0.0036	P	2.3
2	☐	50.000					
3	☐	500.000	463.384	154045.49	0.0363	P	2.1
4	☐	5000.000	4899.014	1477327.41	0.3485	A	3.5
5	☐	12500.000	12438.552	3595811.50	0.8793	A	3.8
6	☐	25000.000	23753.383	6982294.60	1.6758	A	3.2
7	☐	50000.000	47955.528	13490581.38	3.3796	A	0.8
8	☐	100000.00	94828.616	26214542.25	6.6793	A	2.4
9	☐	500000.00	501303.63	137829323.9	35.2939	A	0.5

$$y = 7.0397\text{E-}005 * x + 0.0036$$

$$R = 0.9999$$

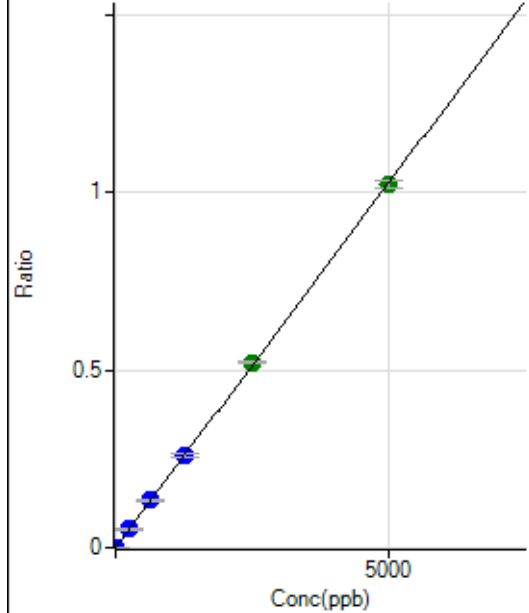
$$DL = 3.5$$

$$BEC = 51.67$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	31.4
2	☐	0.500					
3	☐	5.000	5.115	4628.76	0.0011	P	6.2
4	☐	250.000	253.467	220951.95	0.0521	P	2.5
5	☐	625.000	656.106	551395.73	0.1348	P	4.1
6	☐	1250.000	1262.189	1080662.72	0.2594	P	3.3
7	☐	2500.000	2533.814	2078356.19	0.5206	A	1.2
8	☐	5000.000	4975.984	4012961.33	1.0224	A	2.0
9	☐			1245.55	0.0003	P	34.2

$$y = 2.0546E-004 * x + 3.9348E-005$$

$$R = 0.9999$$

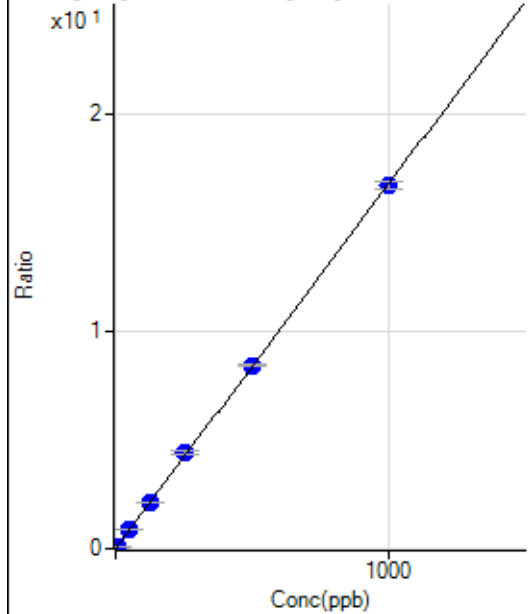
$$DL = 0.1804$$

$$BEC = 0.1915$$

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	10.00	0.0003	P	57.8
2	☐	0.500					
3	☐	5.000	4.810	2619.18	0.0810	P	2.7
4	☐	50.000	50.750	27001.82	0.8518	P	1.2
5	☐	125.000	125.234	64819.26	2.1015	P	1.3
6	☐	250.000	263.861	123114.20	4.4275	P	5.5
7	☐	500.000	502.716	230242.74	8.4351	P	1.7
8	☐	1000.000	995.111	449111.54	16.6966	P	2.2
9	☐			203.34	0.0072	P	10.3

$$y = 0.0168 * x + 3.1621E-004$$

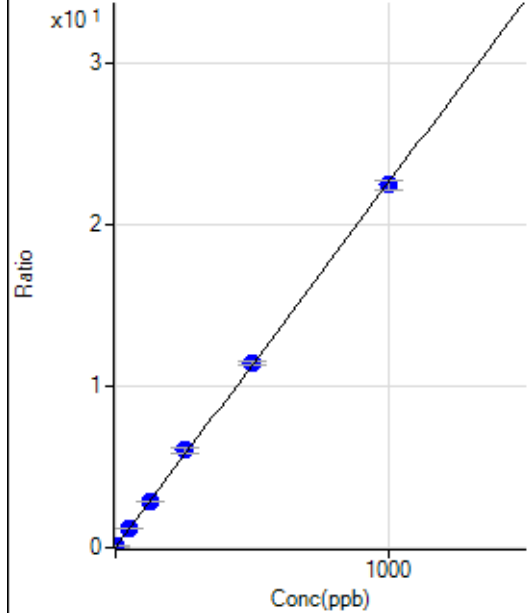
$$R = 0.9999$$

$$DL = 0.03267$$

$$BEC = 0.01885$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0147	P	13.0
2	☐	0.200					
3	☐	2.000	2.066	1982.40	0.0613	P	4.7
4	☐	50.000	50.544	36660.36	1.1564	P	0.5
5	☐	125.000	126.141	88339.79	2.8641	P	0.4
6	☐	250.000	265.640	167300.25	6.0153	P	4.8
7	☐	500.000	504.698	311593.32	11.4154	P	1.5
8	☐	1000.000	993.571	604023.87	22.4586	P	2.9
9	☐			21423.22	0.7571	P	2.1

$$y = 0.0226 * x + 0.0147$$

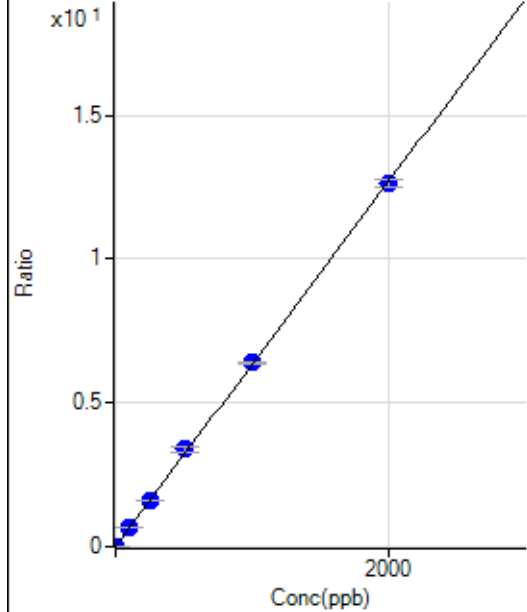
$$R = 0.9998$$

$$DL = 0.2541$$

$$BEC = 0.6496$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0049	P	29.6
2	☐	0.100					
3	☐	1.000	0.837	328.90	0.0102	P	9.6
4	☐	100.000	101.751	20624.32	0.6506	P	0.7
5	☐	250.000	252.473	49567.64	1.6070	P	0.3
6	☐	500.000	531.602	93961.06	3.3784	P	4.8
7	☐	1000.000	1008.159	174772.30	6.4026	P	1.1
8	☐	2000.000	1987.624	339408.69	12.6182	P	2.2
9	☐			1635.69	0.0578	P	2.7

$$y = 0.0063 * x + 0.0049$$

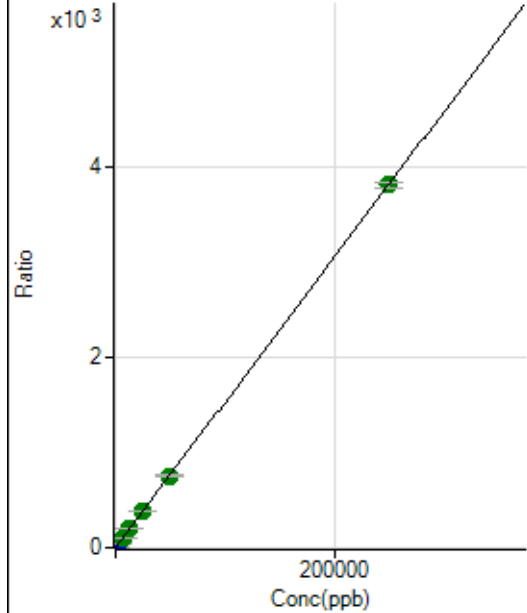
$$R = 0.9998$$

$$DL = 0.6806$$

$$BEC = 0.7659$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1457.53	0.0461	P	11.9
2	☐	5.000					
3	☐	50.000	49.888	26130.51	0.8084	P	1.1
4	☐	2500.000	2522.341	1223188.02	38.5883	P	1.5
5	☐	6250.000	6356.862	2997416.99	97.1811	A	0.8
6	☐	12500.000	13250.708	5631296.25	202.5215	A	5.6
7	☐	25000.000	25130.443	10483277.67	384.0480	A	1.1
8	☐	50000.000	49564.668	20371189.34	757.4115	A	2.7
9	☐	250000.00	250033.59	108116862.6	3,820.646	A	1.4

$$y = 0.0153 * x + 0.0461$$

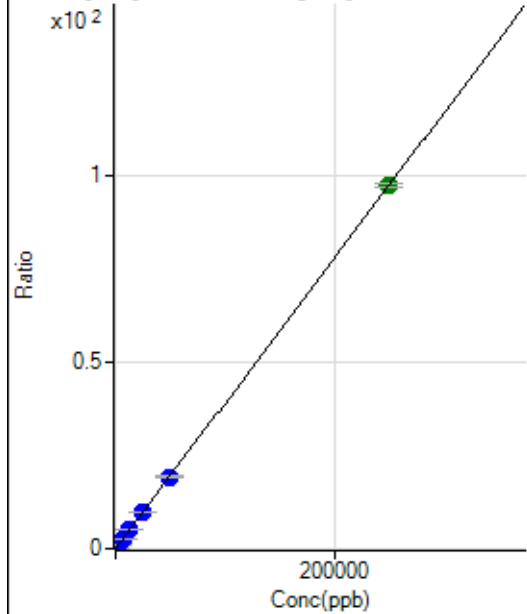
$$R = 1.0000$$

$$DL = 1.076$$

$$BEC = 3.015$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0015	P	41.3
2	☐	5.000					
3	☐	50.000	47.502	644.48	0.0199	P	4.1
4	☐	2500.000	2510.778	30997.85	0.9781	P	3.7
5	☐	6250.000	6223.853	74712.61	2.4224	P	1.9
6	☐	12500.000	13078.445	141480.64	5.0886	P	6.0
7	☐	25000.000	24876.895	264174.53	9.6778	P	1.3
8	☐	50000.000	49379.870	516638.07	19.2087	P	2.7
9	☐	250000.00	250107.96	2753084.64	97.2859	A	1.1

$$y = 3.8897E-004 * x + 0.0015$$

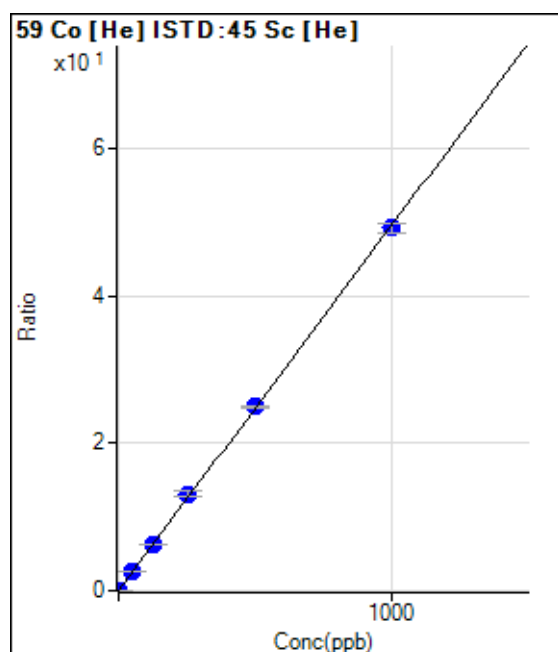
$$R = 1.0000$$

$$DL = 4.655$$

$$BEC = 3.758$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.34	0.0023	P	8.0
2	☐	0.100					
3	☐	1.000	0.987	1654.58	0.0512	P	4.0
4	☐	50.000	50.521	79397.83	2.5048	P	1.7
5	☐	125.000	125.476	191773.96	6.2176	P	0.4
6	☐	250.000	265.467	365779.73	13.1518	P	4.9
7	☐	500.000	504.921	682764.76	25.0128	P	1.2
8	☐	1000.000	993.587	1323812.23	49.2182	P	2.5
9	☐			17506.75	0.6187	P	2.6

$$y = 0.0495 * x + 0.0023$$

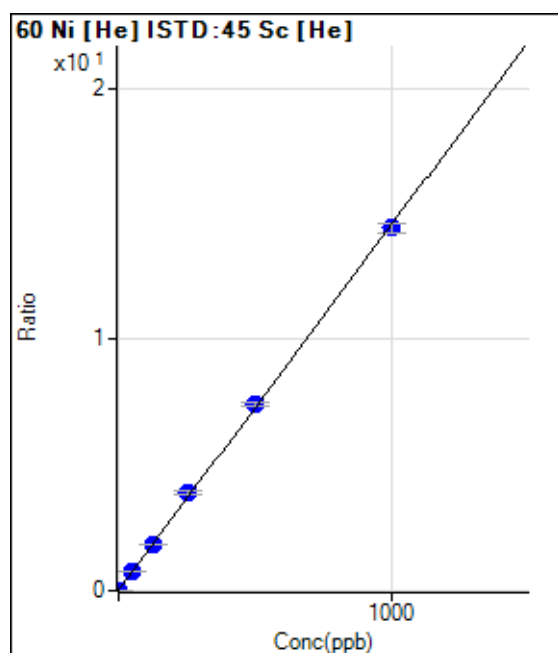
$$R = 0.9998$$

$$DL = 0.01123$$

$$BEC = 0.04683$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0129	P	7.1
2	☐	0.100					
3	☐	1.000	0.939	860.04	0.0266	P	6.1
4	☐	50.000	50.797	23841.72	0.7521	P	1.5
5	☐	125.000	126.772	57298.44	1.8577	P	1.1
6	☐	250.000	268.118	108870.05	3.9146	P	5.0
7	☐	500.000	507.680	202006.96	7.4007	P	2.0
8	☐	1000.000	991.369	388376.39	14.4393	P	2.4
9	☐			12075.40	0.4267	P	1.7

$$y = 0.0146 * x + 0.0129$$

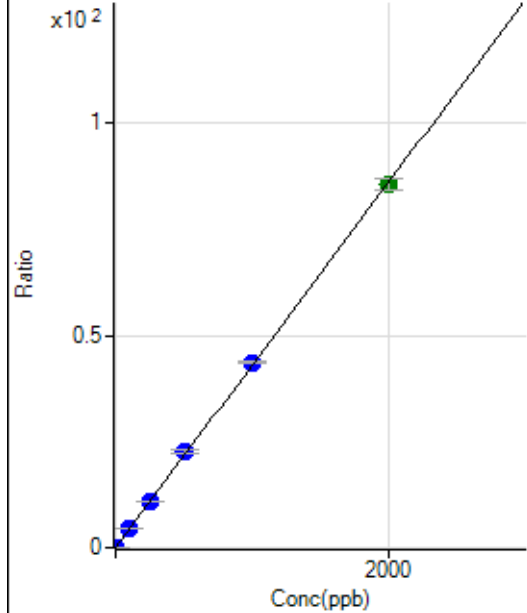
$$R = 0.9998$$

$$DL = 0.1903$$

$$BEC = 0.8891$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	468.91	0.0148	P	4.9
2	☐	0.200					
3	☐	2.000	1.870	3081.51	0.0953	P	1.4
4	☐	100.000	101.091	138451.16	4.3678	P	1.7
5	☐	250.000	250.980	333789.89	10.8220	P	0.5
6	☐	500.000	529.424	634487.44	22.8118	P	4.6
7	☐	1000.000	1011.758	1189615.79	43.5811	P	1.2
8	☐	2000.000	1986.588	2300995.33	85.5572	A	3.1
9	☐			5814.64	0.2054	P	1.4

$$y = 0.0431 * x + 0.0148$$

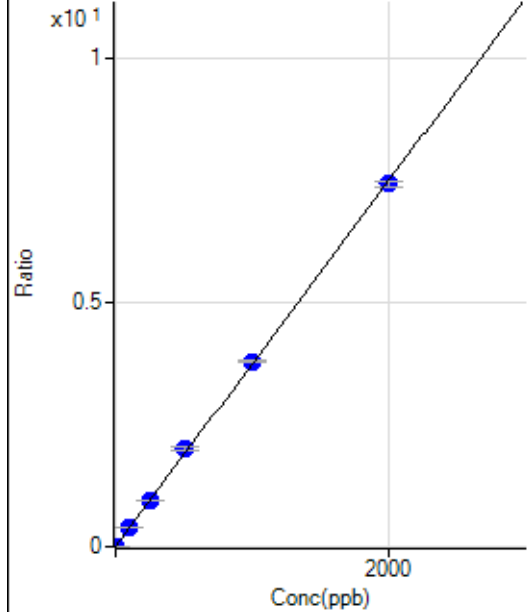
$$R = 0.9998$$

$$DL = 0.05107$$

$$BEC = 0.3443$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0028	P	8.4
2	☐	0.200					
3	☐	2.000	2.154	350.01	0.0108	P	9.9
4	☐	100.000	101.959	12178.85	0.3842	P	1.1
5	☐	250.000	252.481	29217.59	0.9473	P	1.2
6	☐	500.000	535.974	55827.46	2.0078	P	5.8
7	☐	1000.000	1012.120	103427.64	3.7891	P	1.3
8	☐	2000.000	1984.538	199784.05	7.4268	P	1.7
9	☐			1255.63	0.0444	P	5.5

$$y = 0.0037 * x + 0.0028$$

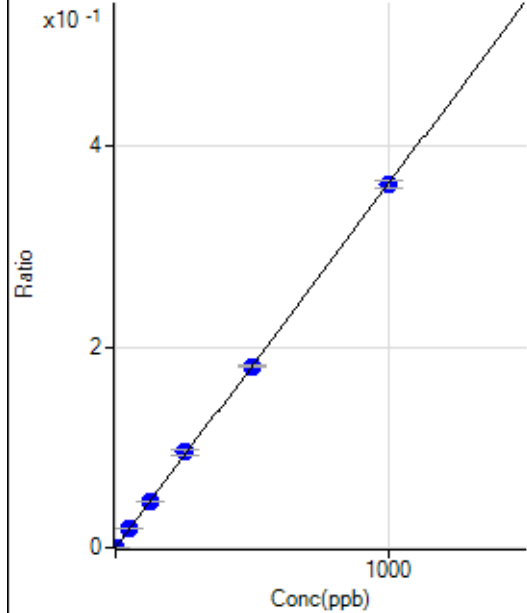
$$R = 0.9998$$

$$DL = 0.186$$

$$BEC = 0.7416$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.85	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	1.035	87.65	0.0004	P	14.8
4	☐	50.000	51.103	4180.92	0.0185	P	0.7
5	☐	125.000	128.014	10245.23	0.0464	P	1.3
6	☐	250.000	262.736	19560.82	0.0953	P	5.3
7	☐	500.000	499.069	36320.45	0.1810	P	0.9
8	☐	1000.000	996.850	71037.37	0.3615	P	2.3
9	☐			129.63	0.0006	P	16.8

$$y = 3.6264\text{E-}004 * x + 8.3555\text{E-}006$$

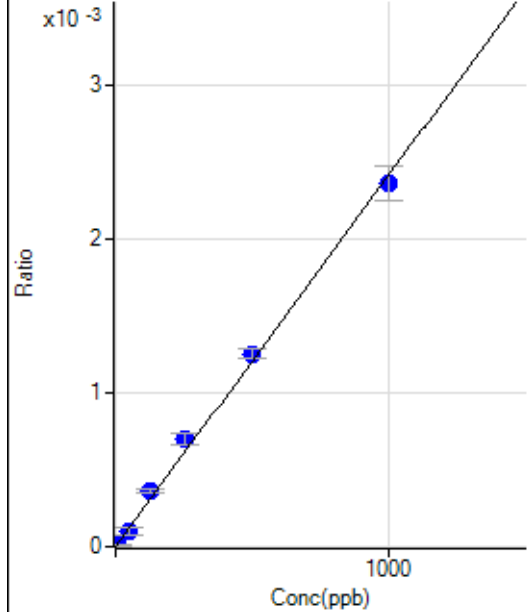
$$R = 0.9999$$

$$DL = 0.1197$$

$$BEC = 0.02304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.030	2.22	0.0000	P	173.
4	☐	50.000	41.008	22.22	0.0001	P	46.5
5	☐	125.000	148.433	78.89	0.0004	P	6.3
6	☐	250.000	291.477	144.45	0.0007	P	11.3
7	☐	500.000	519.566	251.12	0.0013	P	4.6
8	☐	1000.000	977.373	462.24	0.0024	P	9.5
9	☐			0.00	0.0000	P	

$$y = 2.4084\text{E-}006 * x + 0.0000\text{E+}000$$

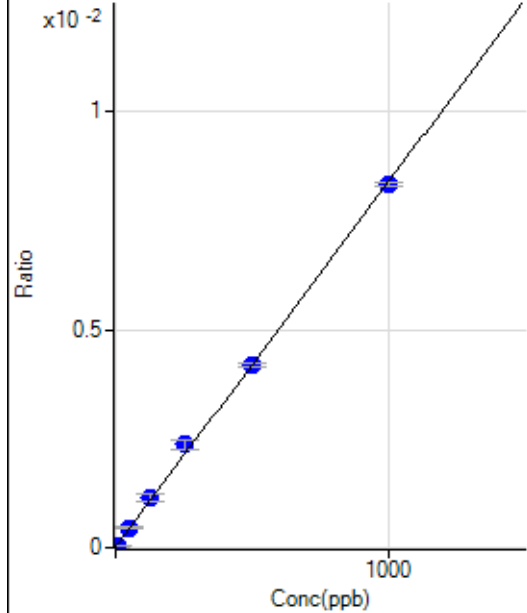
$$R = 0.9983$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.479	11.11	0.0000	P	43.9
4	☐	50.000	53.593	103.71	0.0005	P	5.8
5	☐	125.000	134.824	251.86	0.0011	P	12.8
6	☐	250.000	280.456	483.96	0.0024	P	9.0
7	☐	500.000	498.519	840.16	0.0042	P	2.6
8	☐	1000.000	991.721	1634.68	0.0083	P	0.9
9	☐			1.23	0.0000	P	173.

$$y = 8.3759\text{E-}006 * x + 1.1074\text{E-}005$$

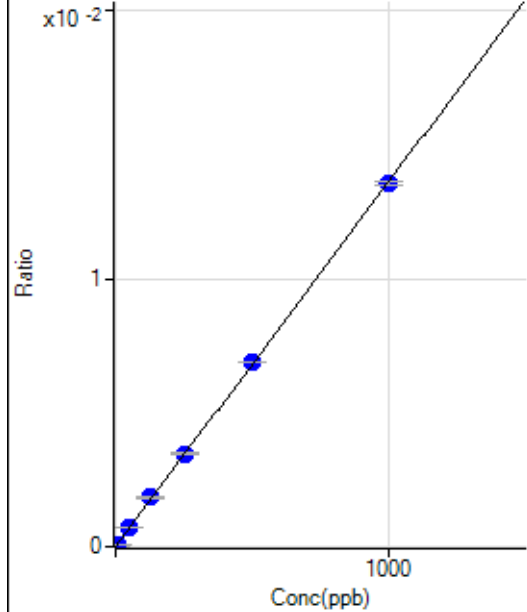
$$R = 0.9995$$

$$DL = 3.435$$

$$BEC = 1.322$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.45	0.0000	P	110.
2	☐	0.500					
3	☐	5.000	4.431	471.75	0.0001	P	16.9
4	☐	50.000	52.409	5413.00	0.0007	P	4.3
5	☐	125.000	134.403	13372.94	0.0018	P	4.4
6	☐	250.000	254.381	25973.05	0.0035	P	2.5
7	☐	500.000	505.499	50934.59	0.0069	P	0.8
8	☐	1000.000	994.862	98732.92	0.0135	P	1.2
9	☐			95.44	0.0000	P	31.9

$$y = 1.3600\text{E-}005 * x + 2.7897\text{E-}006$$

$$R = 0.9999$$

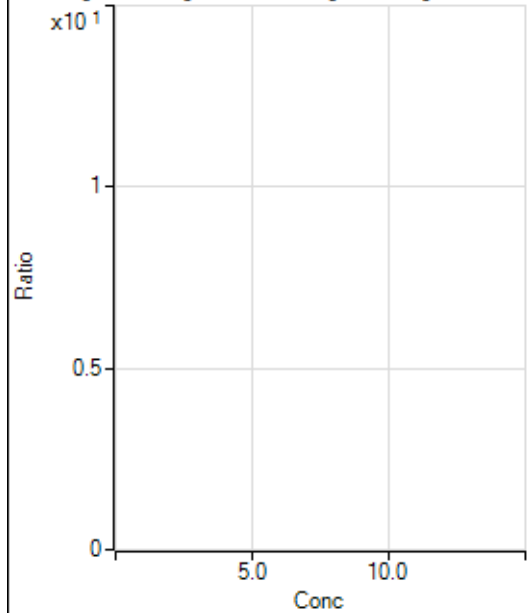
$$DL = 0.6792$$

$$BEC = 0.2051$$

Weight: <None>

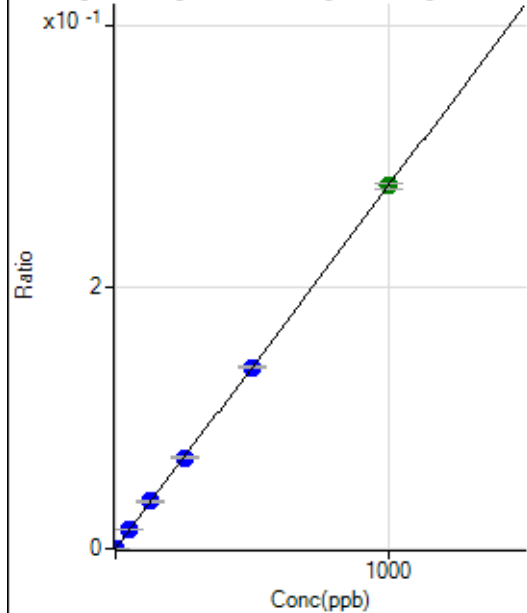
Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			332.23	0.0000	P	9.1
2	☐						
3	☐			390.01	0.0001	P	10.5
4	☐			346.68	0.0000	P	8.4
5	☐			361.12	0.0000	P	3.1
6	☐			324.45	0.0000	P	12.6
7	☐			288.90	0.0000	P	23.2
8	☐			364.46	0.0000	P	14.4
9	☐			314.45	0.0000	P	7.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	627.82	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.945	2611.49	0.0003	P	1.3
4	☐	50.000	51.186	108240.80	0.0143	P	2.1
5	☐	125.000	131.317	267124.48	0.0366	P	4.5
6	☐	250.000	251.058	523870.32	0.0698	P	2.1
7	☐	500.000	498.438	1026175.17	0.1386	P	0.9
8	☐	1000.000	999.667	2026852.26	0.2778	A	1.4
9	☐			10023.62	0.0014	P	3.5

$$y = 2.7782E-004 * x + 8.5512E-005$$

$$R = 1.0000$$

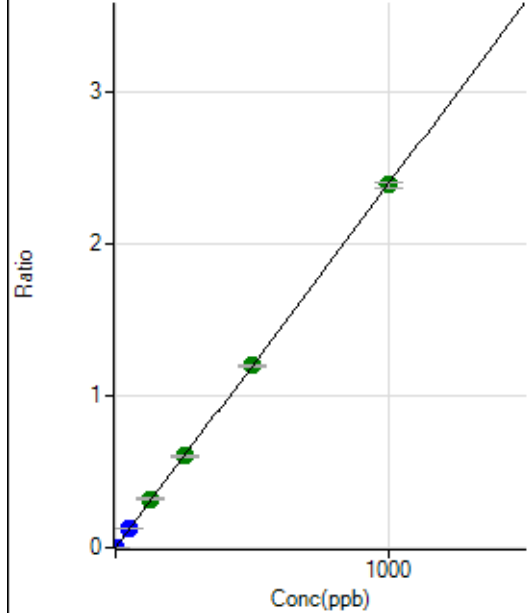
$$DL = 0.08456$$

$$BEC = 0.3078$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	38.1
2	☐	0.100					
3	☐	1.000	1.035	18755.21	0.0025	P	1.6
4	☐	50.000	51.341	930496.79	0.1230	P	1.6
5	☐	125.000	134.731	2357591.35	0.3227	A	3.8
6	☐	250.000	253.683	4557856.79	0.6076	A	2.0
7	☐	500.000	500.205	8872335.27	1.1980	A	0.5
8	☐	1000.000	997.693	17432186.33	2.3894	A	1.6
9	☐			85388.56	0.0120	P	1.9

$$y = 0.0024 * x + 1.9654E-005$$

$$R = 1.0000$$

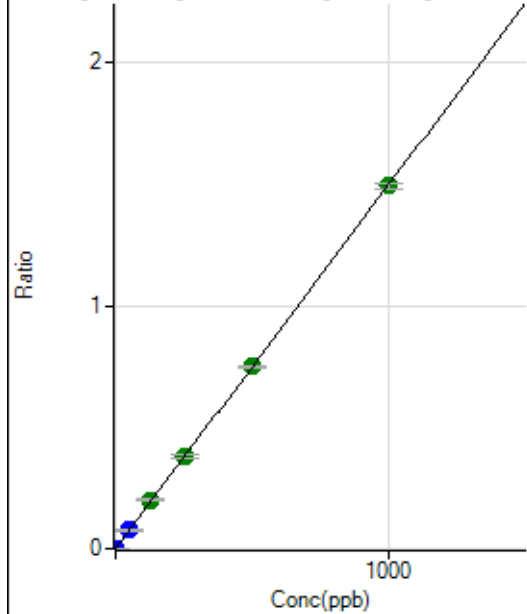
$$DL = 0.009369$$

$$BEC = 0.008207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	669.49	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	0.947	11302.35	0.0015	P	6.1
4	☐	50.000	50.715	574651.98	0.0760	P	2.5
5	☐	125.000	133.881	1463485.46	0.2004	A	4.7
6	☐	250.000	254.471	2855936.44	0.3807	A	2.8
7	☐	500.000	500.674	5547292.27	0.7490	A	0.6
8	☐	1000.000	997.399	10885142.78	1.4920	A	1.6
9	☐			2875.44	0.0004	P	3.3

$$y = 0.0015 * x + 9.1194E-005$$

$$R = 1.0000$$

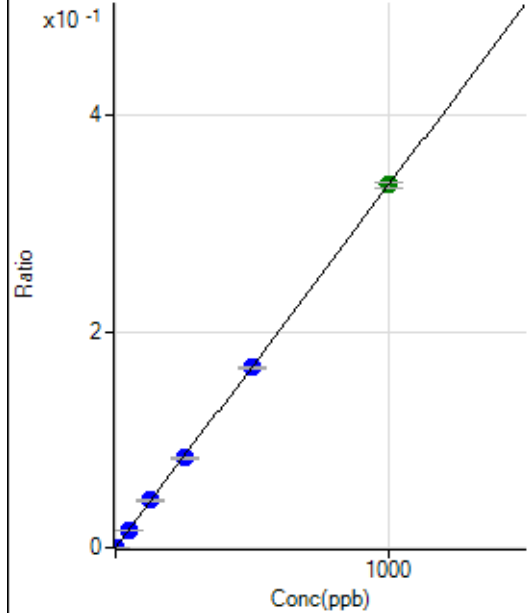
$$DL = 0.02144$$

$$BEC = 0.06097$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	23.6
2	☐	0.100					
3	☐	1.000	0.948	2508.69	0.0003	P	8.6
4	☐	50.000	49.751	126441.14	0.0167	P	1.9
5	☐	125.000	130.922	321046.88	0.0439	P	4.4
6	☐	250.000	247.770	623807.70	0.0832	P	2.3
7	☐	500.000	497.701	1236998.15	0.1670	P	0.8
8	☐	1000.000	1000.979	2450620.41	0.3359	A	1.8
9	☐			705.61	0.0001	P	11.3

$$y = 3.3556E-004 * x + 1.6631E-005$$

$$R = 1.0000$$

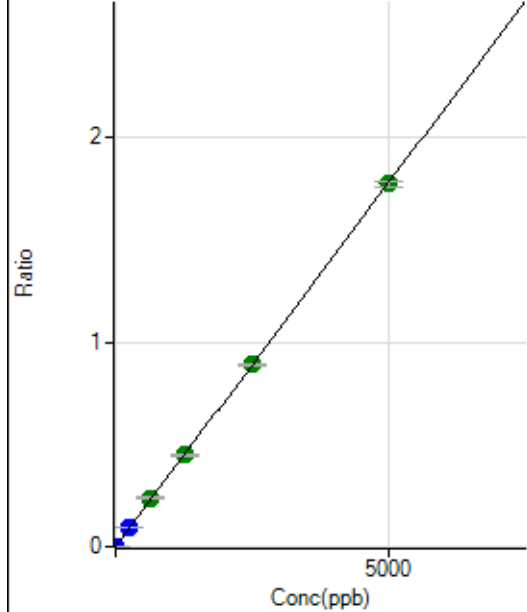
$$DL = 0.03504$$

$$BEC = 0.04956$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	4.965	13574.00	0.0018	P	3.0
4	☐	250.000	255.580	688547.00	0.0910	P	1.8
5	☐	625.000	670.471	1743469.85	0.2387	A	4.3
6	☐	1250.000	1264.231	3375457.80	0.4500	A	2.3
7	☐	2500.000	2508.305	6611633.70	0.8927	A	0.9
8	☐	5000.000	4986.327	12947088.57	1.7746	A	1.6
9	☐			12917.81	0.0018	P	3.1

$$y = 3.5589E-004 * x + 4.2350E-005$$

$$R = 1.0000$$

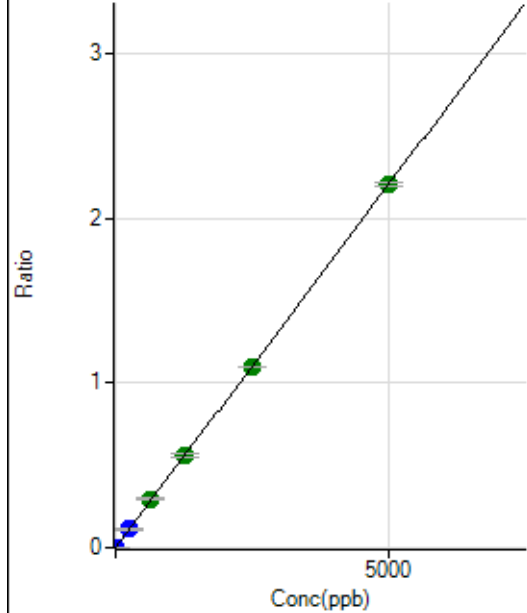
$$DL = 0.03448$$

$$BEC = 0.119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	22.0
2	☐	0.500					
3	☐	5.000	4.933	16438.41	0.0022	P	2.7
4	☐	250.000	252.862	842833.53	0.1114	P	1.5
5	☐	625.000	668.860	2152095.64	0.2946	A	4.6
6	☐	1250.000	1266.072	4182859.25	0.5577	A	3.0
7	☐	2500.000	2488.090	8116279.78	1.0959	A	0.4
8	☐	5000.000	4996.311	16055501.22	2.2006	A	1.1
9	☐			20260.36	0.0028	P	1.1

$$y = 4.4044\text{E-}004 * x + 1.8548\text{E-}005$$

$$R = 1.0000$$

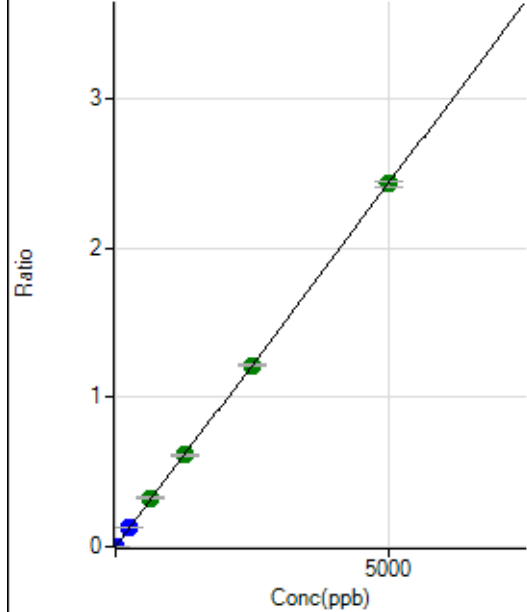
$$DL = 0.02784$$

$$BEC = 0.04211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.12	0.0000	P	15.2
2	☐	0.500					
3	☐	5.000	5.007	18499.41	0.0025	P	0.7
4	☐	250.000	254.159	935705.12	0.1237	P	0.9
5	☐	625.000	667.673	2372685.36	0.3248	A	4.5
6	☐	1250.000	1258.393	4591985.43	0.6121	A	2.5
7	☐	2500.000	2495.144	8988934.92	1.2137	A	0.6
8	☐	5000.000	4994.788	17725807.86	2.4296	A	1.5
9	☐			23323.69	0.0033	P	3.3

$$y = 4.8642\text{E-}004 * x + 2.8755\text{E-}005$$

$$R = 1.0000$$

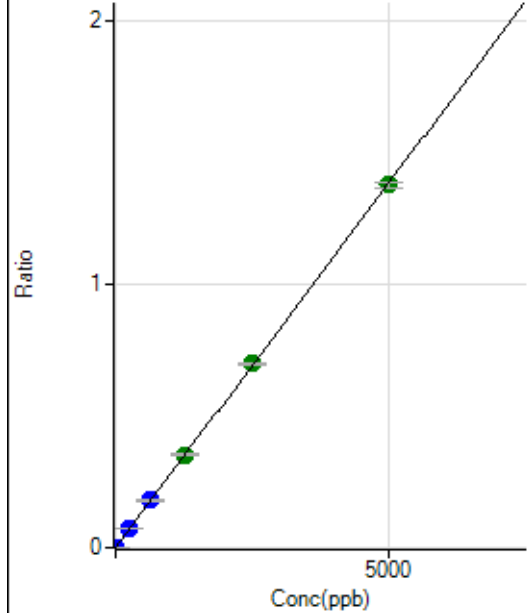
$$DL = 0.02693$$

$$BEC = 0.05912$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	57.8
2	☐	0.500					
3	☐	5.000	4.989	10462.83	0.0014	P	2.3
4	☐	250.000	253.678	530723.08	0.0701	P	0.8
5	☐	625.000	650.058	1312750.56	0.1797	P	4.4
6	☐	1250.000	1272.229	2638165.77	0.3517	A	2.2
7	☐	2500.000	2521.165	5161196.21	0.6969	A	1.2
8	☐	5000.000	4980.544	10044354.74	1.3767	A	1.6
9	☐			12528.48	0.0018	P	3.5

$$y = 2.7642\text{E-}004 * x + 1.4351\text{E-}005$$

$$R = 1.0000$$

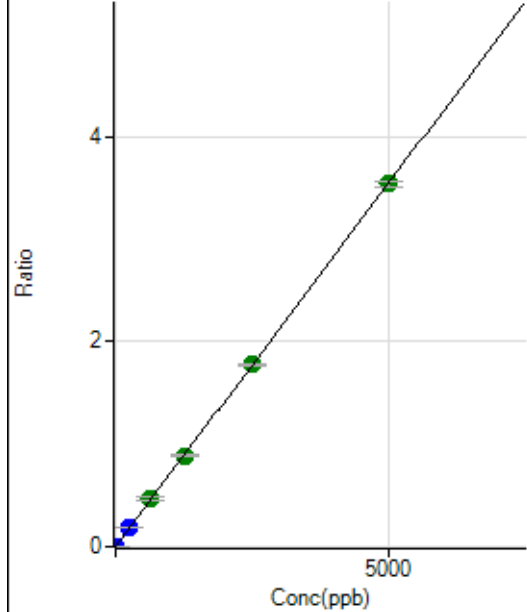
$$DL = 0.09007$$

$$BEC = 0.05192$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	4.9
2	☐	0.500					
3	☐	5.000	4.863	26112.27	0.0035	P	4.2
4	☐	250.000	253.666	1359974.66	0.1797	P	1.3
5	☐	625.000	659.881	3414796.09	0.4675	A	4.8
6	☐	1250.000	1252.972	6658618.64	0.8876	A	2.3
7	☐	2500.000	2505.323	13144139.45	1.7748	A	0.7
8	☐	5000.000	4992.052	25799445.72	3.5364	A	1.9
9	☐			33186.19	0.0047	P	1.0

$$y = 7.0839\text{E-}004 * x + 3.6305\text{E-}005$$

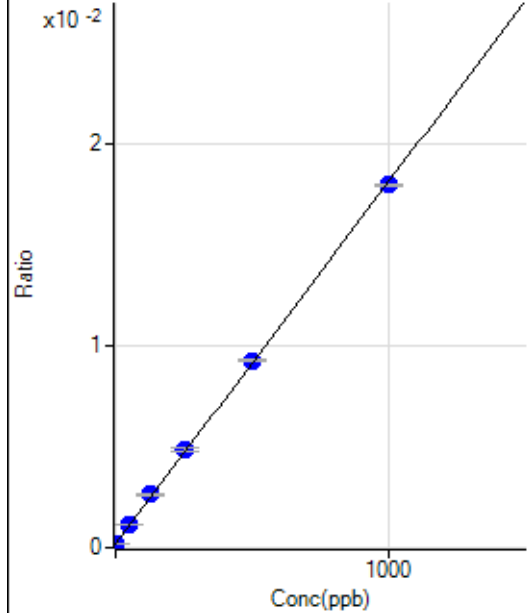
$$R = 1.0000$$

$$DL = 0.00753$$

$$BEC = 0.05125$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1652.95	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	1.007	1841.89	0.0002	P	5.0
4	☐	50.000	52.421	10654.66	0.0011	P	1.6
5	☐	125.000	137.203	24884.95	0.0026	P	3.2
6	☐	250.000	260.717	47618.50	0.0049	P	2.2
7	☐	500.000	507.748	90500.53	0.0093	P	0.7
8	☐	1000.000	991.800	176406.18	0.0180	P	0.3
9	☐			1847.44	0.0002	P	0.7

$$y = 1.7947\text{E-}005 * x + 1.7790\text{E-}004$$

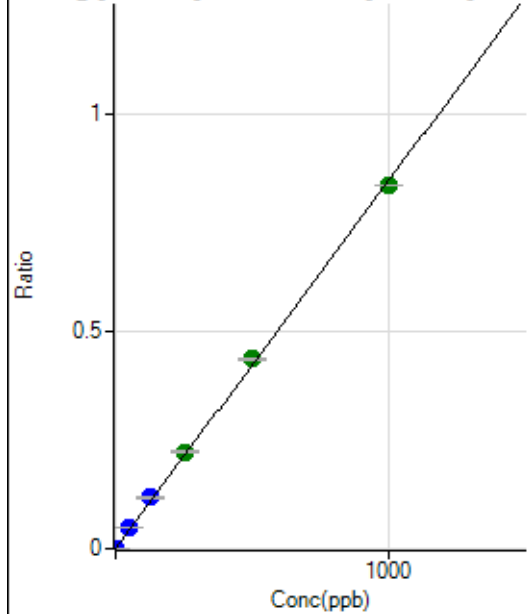
$$R = 0.9998$$

$$DL = 0.9921$$

$$BEC = 9.913$$

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	77.78	0.0000	P	43.4
2	☐	0.100					
3	☐	1.000	1.073	8608.69	0.0009	P	3.8
4	☐	50.000	55.521	447723.48	0.0470	P	1.8
5	☐	125.000	139.093	1109646.54	0.1178	P	3.6
6	☐	250.000	263.502	2187222.42	0.2231	A	1.9
7	☐	500.000	515.897	4254547.01	0.4368	A	0.9
8	☐	1000.000	986.638	8196141.07	0.8353	A	0.2
9	☐			816.73	0.0001	P	18.4

$$y = 8.4659\text{E-}004 * x + 8.3741\text{E-}006$$

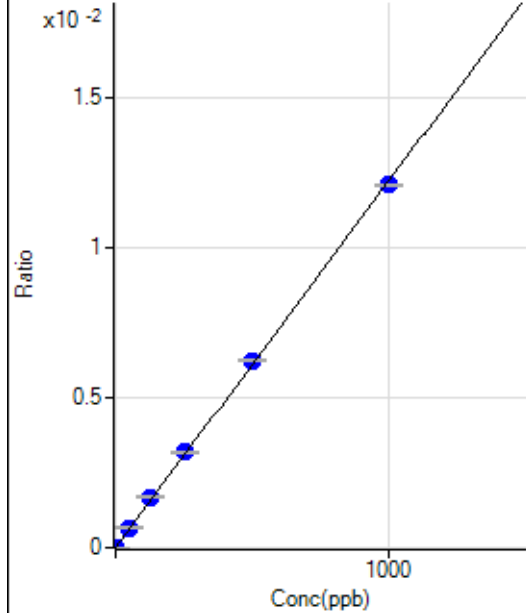
$$R = 0.9997$$

$$DL = 0.01287$$

$$BEC = 0.009892$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.34	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.920	113.89	0.0000	P	11.5
4	☐	50.000	54.255	6325.24	0.0007	P	4.5
5	☐	125.000	137.171	15813.75	0.0017	P	3.0
6	☐	250.000	260.527	31241.97	0.0032	P	1.7
7	☐	500.000	510.356	60791.81	0.0062	P	1.4
8	☐	1000.000	990.456	118837.07	0.0121	P	0.7
9	☐			44.44	0.0000	P	42.2

$$y = 1.2227\text{E-}005 * x + 8.9767\text{E-}007$$

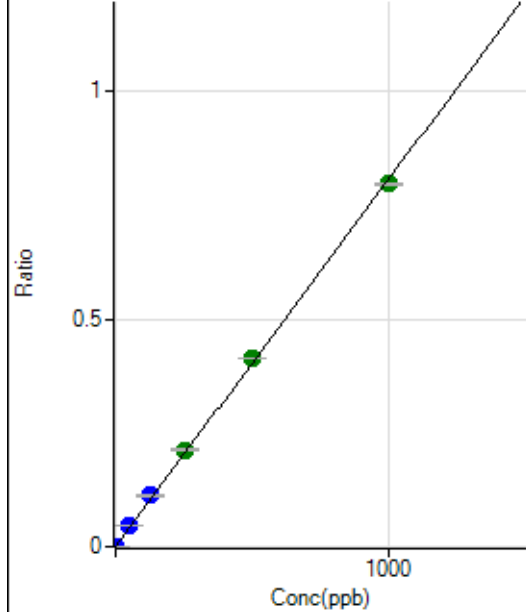
$$R = 0.9998$$

$$DL = 0.1908$$

$$BEC = 0.07342$$

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	55.56	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	1.032	7877.67	0.0008	P	3.1
4	☐	50.000	55.346	425342.55	0.0447	P	1.1
5	☐	125.000	139.240	1058701.06	0.1123	P	3.1
6	☐	250.000	263.732	2086069.51	0.2128	A	2.5
7	☐	500.000	512.870	4030785.07	0.4138	A	0.9
8	☐	1000.000	988.085	7822353.12	0.7972	A	0.3
9	☐			741.72	0.0001	P	2.5

$$y = 8.0680\text{E-}004 * x + 5.9766\text{E-}006$$

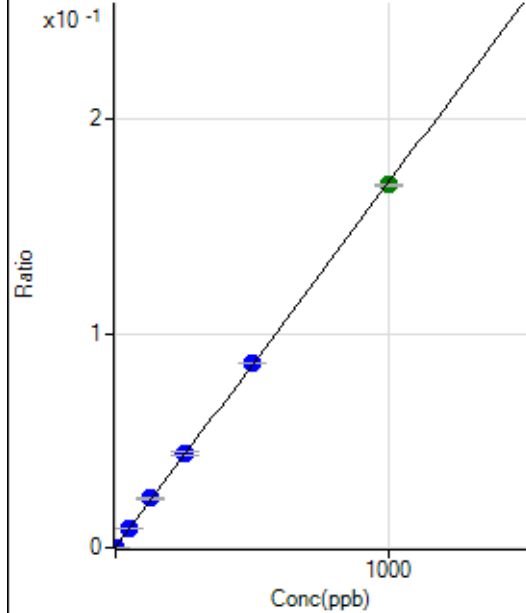
$$R = 0.9997$$

$$DL = 0.003723$$

$$BEC = 0.007408$$

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	1160.95	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	1.037	2834.73	0.0003	P	2.9
4	☐	50.000	54.103	89007.22	0.0093	P	0.9
5	☐	125.000	135.626	218967.76	0.0232	P	3.6
6	☐	250.000	257.500	431459.11	0.0440	P	2.2
7	☐	500.000	506.411	841930.17	0.0864	P	0.5
8	☐	1000.000	993.386	1662402.82	0.1694	A	0.5
9	☐			1598.22	0.0002	P	1.9

$$y = 1.7042\text{E-}004 * x + 1.2495\text{E-}004$$

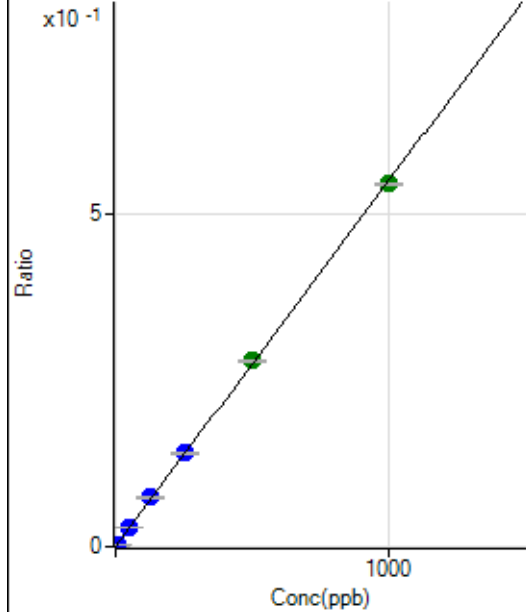
$$R = 0.9999$$

$$DL = 0.07372$$

$$BEC = 0.7332$$

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	1308.56	0.0001	P	8.7
2	☐	0.500					
3	☐	5.000	5.132	27882.63	0.0030	P	3.9
4	☐	50.000	53.196	280426.65	0.0294	P	1.4
5	☐	125.000	134.873	701453.56	0.0744	P	3.2
6	☐	250.000	256.748	1387974.49	0.1416	P	2.3
7	☐	500.000	509.505	2735408.48	0.2808	A	1.1
8	☐	1000.000	992.166	5364337.31	0.5467	A	0.4
9	☐			6571.32	0.0007	P	4.5

$$y = 5.5086\text{E-}004 * x + 1.4083\text{E-}004$$

$$R = 0.9999$$

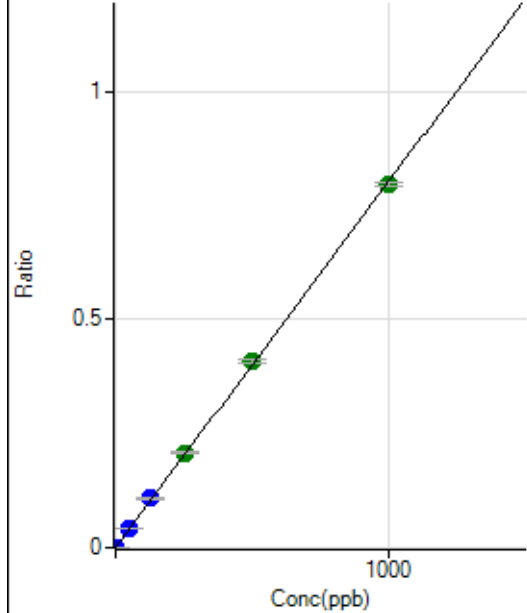
$$DL = 0.06699$$

$$BEC = 0.2557$$

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	66.67	0.0000	P	21.1
2	☐	0.200					
3	☐	2.000	2.072	15687.61	0.0017	P	4.7
4	☐	50.000	52.283	399747.67	0.0420	P	2.0
5	☐	125.000	134.446	1017005.20	0.1079	P	3.2
6	☐	250.000	258.381	2033287.87	0.2074	A	2.5
7	☐	500.000	509.841	3986367.84	0.4092	A	1.2
8	☐	1000.000	991.689	7810600.87	0.7960	A	1.0
9	☐			21028.55	0.0022	P	4.0

$$y = 8.0267\text{E-}004 * x + 7.1714\text{E-}006$$

$$R = 0.9999$$

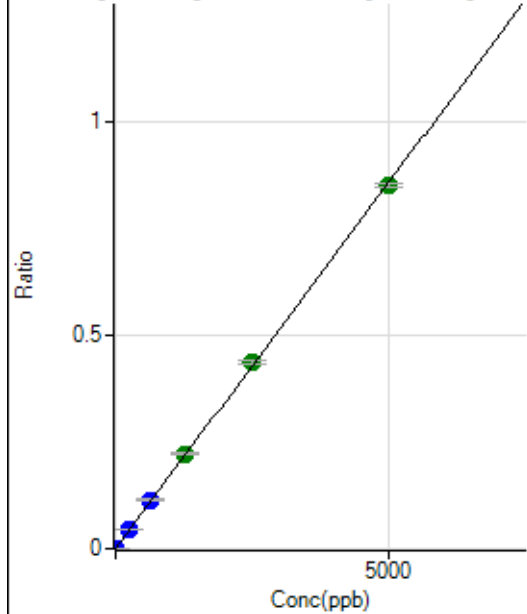
$$DL = 0.005647$$

$$BEC = 0.008934$$

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	63.89	0.0000	P	19.4
2	☐	1.000					
3	☐	10.000	10.298	16638.85	0.0018	P	3.9
4	☐	250.000	262.760	428816.81	0.0450	P	1.9
5	☐	625.000	668.018	1078633.37	0.1145	P	3.2
6	☐	1250.000	1298.937	2181796.01	0.2226	A	3.0
7	☐	2500.000	2546.207	4249473.23	0.4363	A	1.5
8	☐	5000.000	4958.646	8336512.25	0.8496	A	0.9
9	☐			1177.89	0.0001	P	6.9

$$y = 1.7134\text{E-}004 * x + 6.8721\text{E-}006$$

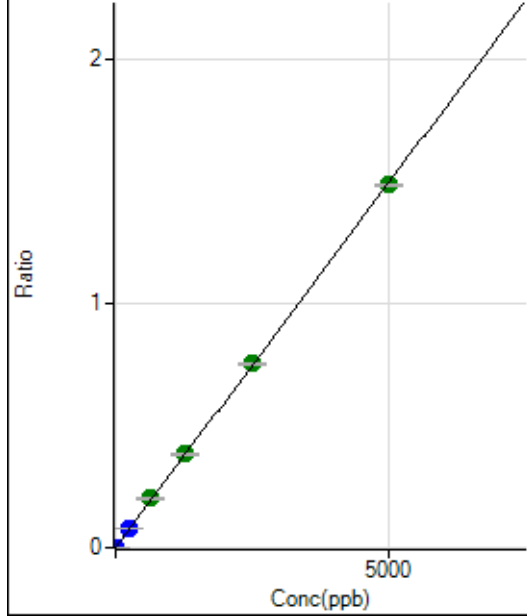
$$R = 0.9999$$

$$DL = 0.02334$$

$$BEC = 0.04011$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	21.6
2	☐	1.000					
3	☐	10.000	10.273	28946.27	0.0031	P	1.3
4	☐	250.000	263.750	750543.46	0.0788	P	1.9
5	☐	625.000	675.612	1902180.42	0.2019	A	3.3
6	☐	1250.000	1279.117	3746590.14	0.3822	A	2.5
7	☐	2500.000	2520.665	7335903.72	0.7531	A	1.1
8	☐	5000.000	4975.374	14585863.52	1.4865	A	0.8
9	☐			2091.92	0.0002	P	10.4

$$y = 2.9877E-004 * x + 1.0158E-005$$

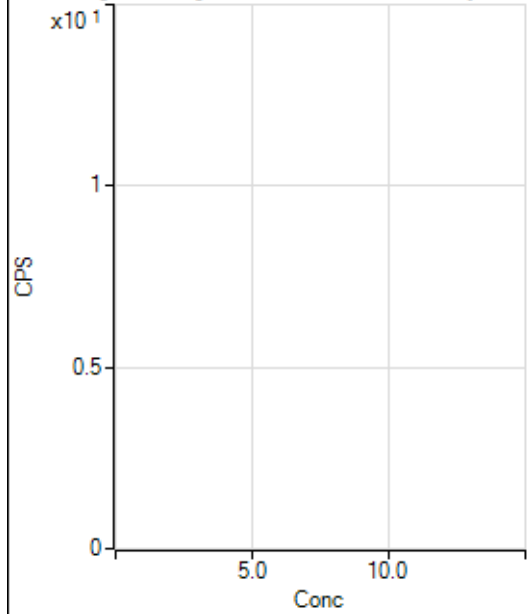
$$R = 0.9999$$

$$DL = 0.02205$$

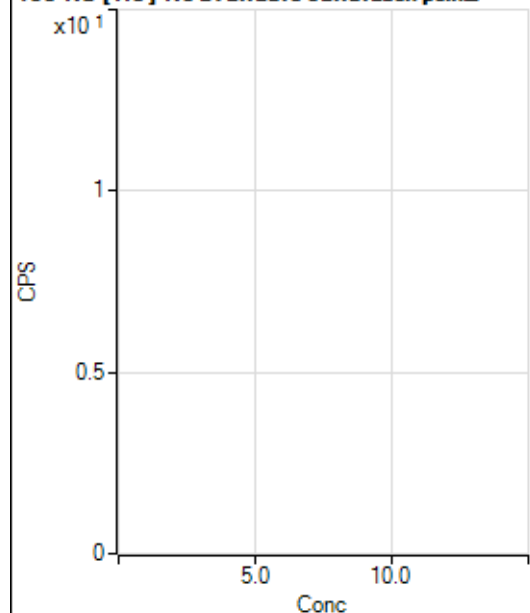
$$BEC = 0.034$$

Weight: <None>

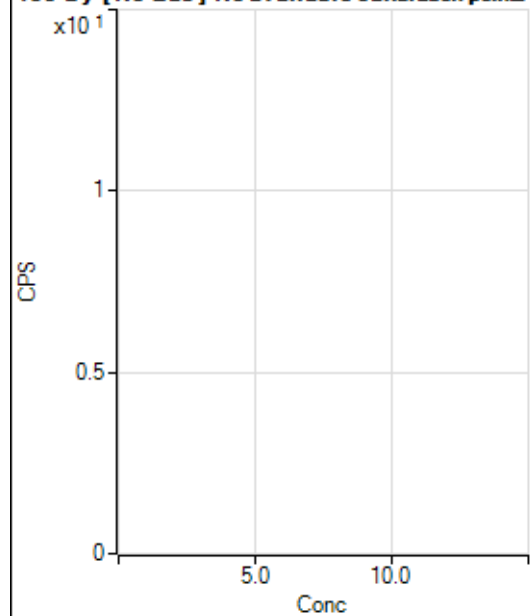
Min Conc: 0

150 Nd [No Gas] No available calibration points

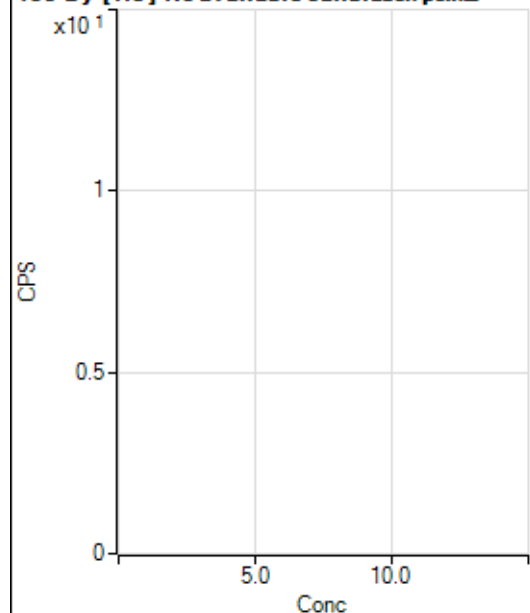
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			15.55		P	24.8
4	☐			22.22		P	105.
5	☐			57.78		P	6.7
6	☐			104.45		P	14.7
7	☐			195.57		P	30.9
8	☐			384.46		P	11.5
9	☐			66.67		P	17.3

150 Nd [He] No available calibration points

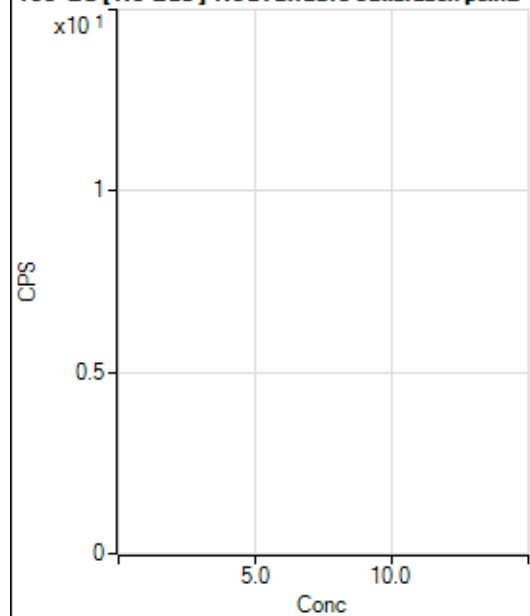
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			1.11		P	173.
6	☐			0.00		P	
7	☐			2.22		P	86.6
8	☐			10.00		P	66.7
9	☐			10.00		P	57.8

156 Dy [No Gas] No available calibration points

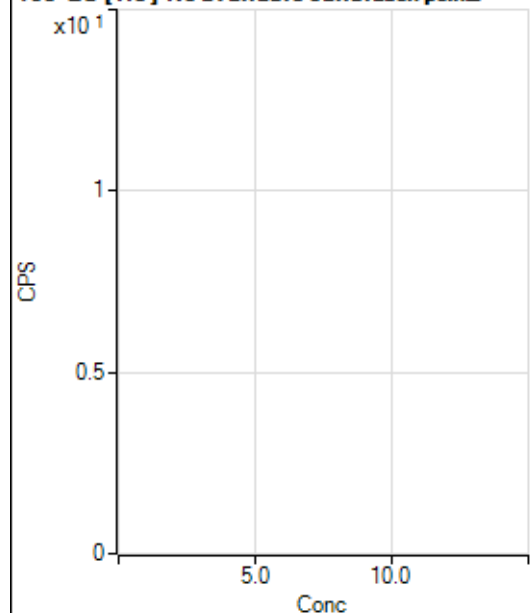
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	94.4
2	☐						
3	☐			22.22		P	43.3
4	☐			22.22		P	21.6
5	☐			47.23		P	40.8
6	☐			41.67		P	20.0
7	☐			58.34		P	14.3
8	☐			130.56		P	63.9
9	☐			94.45		P	36.7

156 Dy [He] No available calibration points

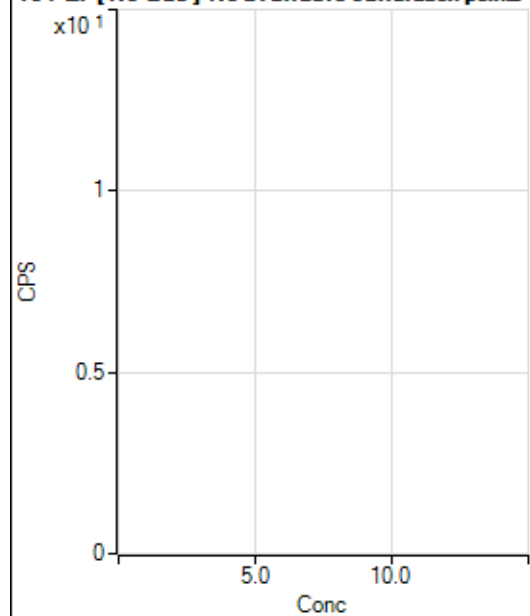
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			5.55		P	124.
5	☐			0.00		P	
6	☐			5.56		P	34.7
7	☐			7.78		P	89.2
8	☐			14.44		P	13.4
9	☐			17.78		P	65.8

160 Gd [No Gas] Noavailable calibration poin_

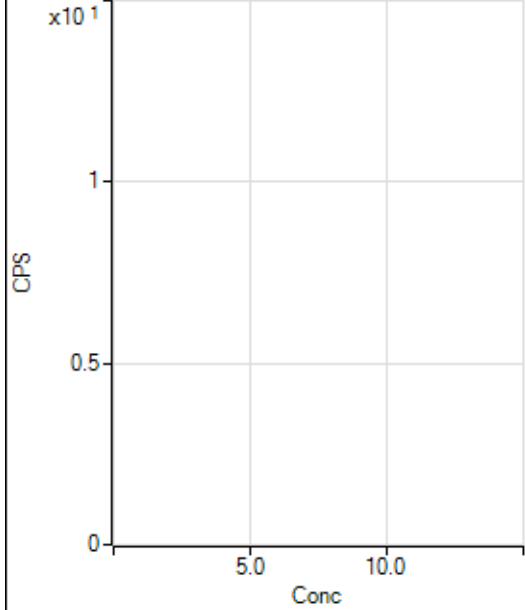
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	37.1
2	☐						
3	☐			58.33		P	24.7
4	☐			63.89		P	19.9
5	☐			91.67		P	18.2
6	☐			61.11		P	28.4
7	☐			69.45		P	38.6
8	☐			102.78		P	24.8
9	☐			91.67		P	15.7

160 Gd [He] No available calibration points

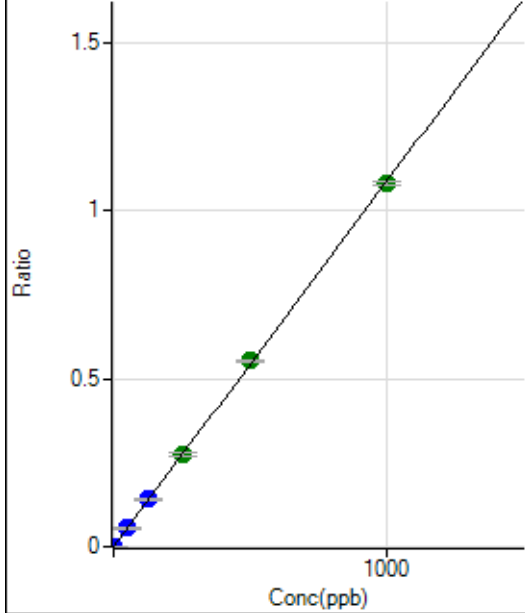
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			11.11		P	69.3
4	☐			12.22		P	41.7
5	☐			6.66		P	86.6
6	☐			8.89		P	142.
7	☐			12.22		P	56.8
8	☐			16.67		P	20.0
9	☐			21.11		P	50.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			52.78		P	39.7
4	☐			19.45		P	24.7
5	☐			30.56		P	41.7
6	☐			55.56		P	22.9
7	☐			38.89		P	53.9
8	☐			47.23		P	56.7
9	☐			63.89		P	52.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	43.4
4	☐			2.22		P	173.
5	☐			10.00		P	57.8
6	☐			1.11		P	173.
7	☐			1.11		P	173.
8	☐			7.78		P	65.5
9	☐			11.11		P	45.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	45.0
2	☐	0.100					
3	☐	1.000	1.008	6663.14	0.0011	P	4.8
4	☐	50.000	50.217	333891.89	0.0545	P	2.1
5	☐	125.000	130.025	840158.78	0.1411	P	4.3
6	☐	250.000	252.250	1713778.79	0.2738	A	3.1
7	☐	500.000	509.832	3462432.63	0.5533	A	1.3
8	☐	1000.000	993.883	6824057.79	1.0786	A	1.2
9	☐			3303.35	0.0006	P	7.8

$$y = 0.0011 * x + 1.4404E-005$$

$$R = 0.9999$$

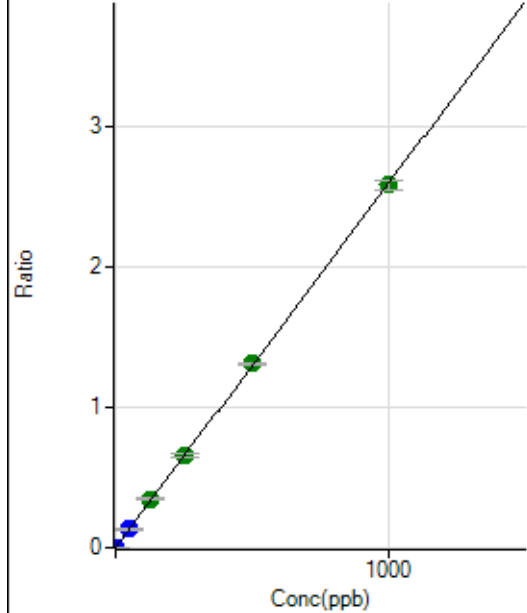
$$DL = 0.01791$$

$$BEC = 0.01327$$

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	261.13	0.0000	P	8.5
2	☐	0.100					
3	☐	1.000	0.960	15229.25	0.0025	P	4.0
4	☐	50.000	50.402	800736.50	0.1307	P	2.0
5	☐	125.000	133.164	2055426.05	0.3453	A	5.0
6	☐	250.000	252.082	4091644.36	0.6536	A	3.4
7	☐	500.000	504.348	8183404.87	1.3077	A	1.4
8	☐	1000.000	996.265	16340661.13	2.5831	A	2.5
9	☐			7366.34	0.0013	P	6.4

$$y = 0.0026 * x + 4.3810E-005$$

$$R = 1.0000$$

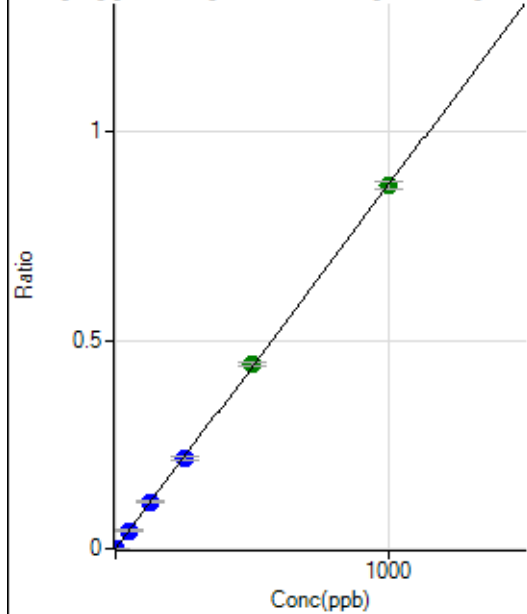
$$DL = 0.004312$$

$$BEC = 0.0169$$

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	272.23	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	1.021	5631.05	0.0009	P	2.8
4	☐	50.000	50.057	267680.37	0.0437	P	1.9
5	☐	125.000	129.224	671181.38	0.1127	P	4.4
6	☐	250.000	247.409	1350988.96	0.2158	P	3.0
7	☐	500.000	505.930	2761272.72	0.4412	A	1.7
8	☐	1000.000	997.152	5501528.02	0.8696	A	2.1
9	☐			9122.05	0.0016	P	3.3

$$y = 8.7206E-004 * x + 4.5751E-005$$

$$R = 1.0000$$

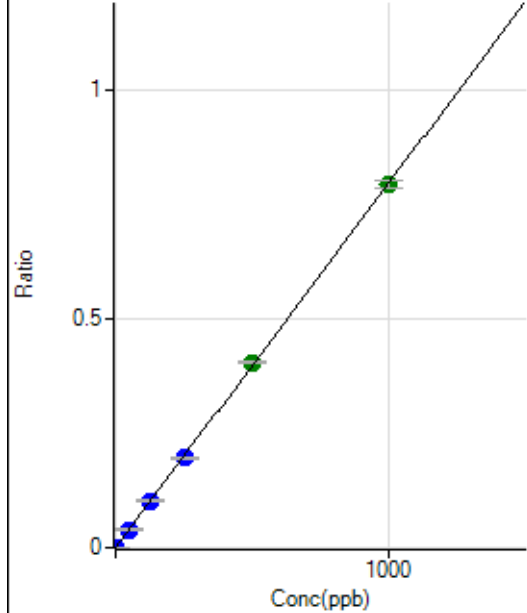
$$DL = 0.0197$$

$$BEC = 0.05246$$

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	255.57	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.970	4897.38	0.0008	P	0.5
4	☐	50.000	49.660	242171.24	0.0395	P	2.0
5	☐	125.000	128.841	610194.66	0.1025	P	4.7
6	☐	250.000	245.716	1223614.84	0.1954	P	2.9
7	☐	500.000	508.642	2531699.39	0.4045	A	1.0
8	☐	1000.000	996.287	5012616.55	0.7923	A	2.2
9	☐			7835.99	0.0014	P	3.0

$$y = 7.9525E-004 * x + 4.2862E-005$$

$$R = 0.9999$$

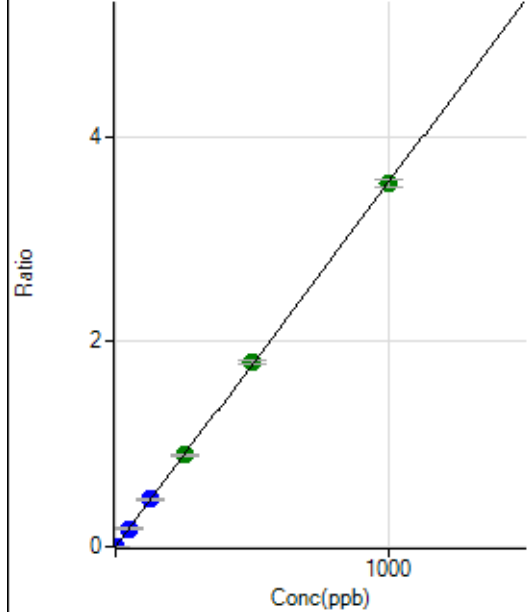
$$DL = 0.03337$$

$$BEC = 0.0539$$

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	1050.05	0.0002	P	6.4
2	☐	0.100					
3	☐	1.000	1.009	22612.31	0.0038	P	4.0
4	☐	50.000	50.091	1091228.92	0.1781	P	1.9
5	☐	125.000	129.666	2743690.93	0.4609	P	4.5
6	☐	250.000	250.829	5580562.81	0.8913	A	2.6
7	☐	500.000	506.526	11263262.46	1.7998	A	1.3
8	☐	1000.000	995.942	22386635.92	3.5387	A	2.2
9	☐			36252.87	0.0062	P	1.8

$$y = 0.0036 * x + 1.7634E-004$$

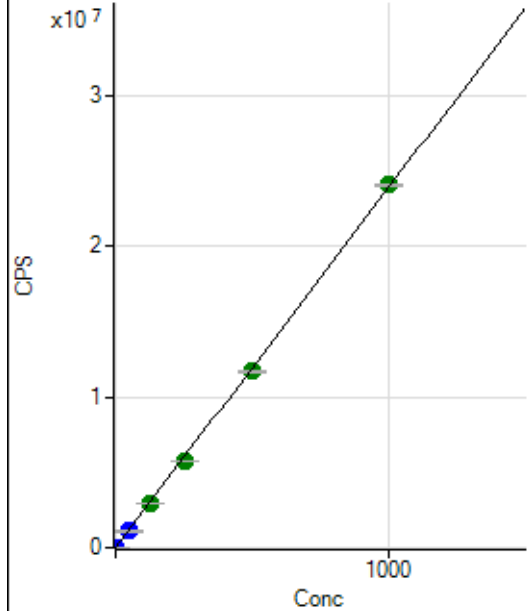
$$R = 1.0000$$

$$DL = 0.009583$$

$$BEC = 0.04963$$

Weight: <None>

Min Conc: 0

232 Th [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00		P	17.0
2	☐	0.100					
3	☐	1.000	0.855	20584.17		P	0.6
4	☐	50.000	45.954	1098374.84		P	3.1
5	☐	125.000	120.910	2889692.95		A	0.6
6	☐	250.000	240.935	5758095.85		A	1.0
7	☐	500.000	489.749	11704362.76		A	0.7
8	☐	1000.000	1008.106	24092245.44		A	0.7
9	☐			8293.76		P	11.1

$$y = 23898.3853 * x + 150.0033$$

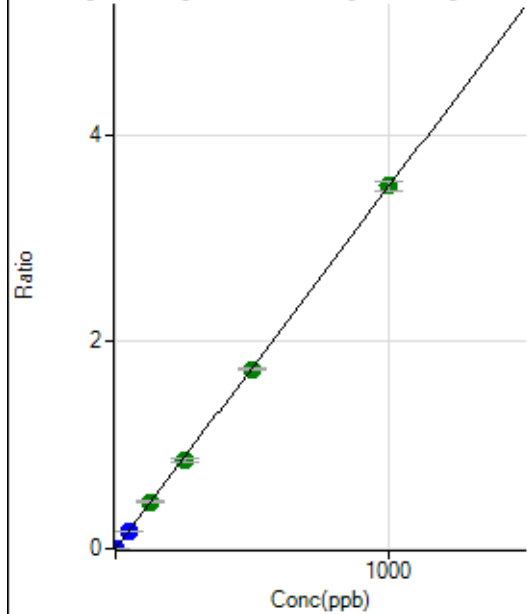
$$R = 0.9999$$

$$DL = 0.003196$$

$$BEC = 0.006277$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.4
2	☐	0.100					
3	☐	1.000	0.969	20437.11	0.0034	P	4.1
4	☐	50.000	48.126	1031463.91	0.1684	P	2.6
5	☐	125.000	128.113	2669022.54	0.4483	A	4.0
6	☐	250.000	244.133	5347917.35	0.8542	A	2.7
7	☐	500.000	496.245	10866266.21	1.7363	A	1.0
8	☐	1000.000	1003.049	22201874.11	3.5096	A	2.6
9	☐			3539.56	0.0006	P	6.5

$$y = 0.0035 * x + 9.8016E-006$$

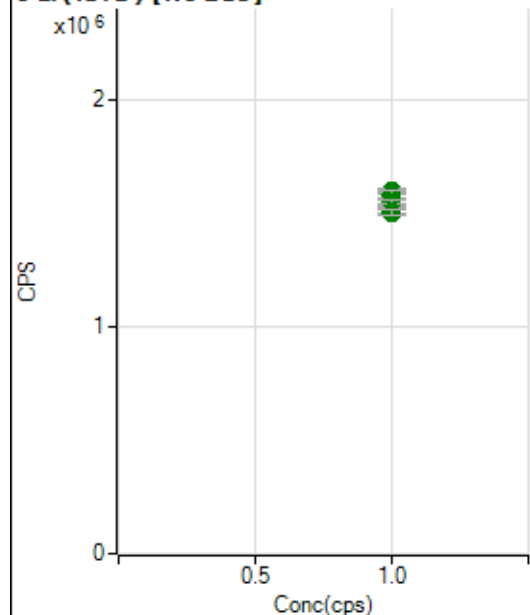
$$R = 1.0000$$

$$DL = 0.004315$$

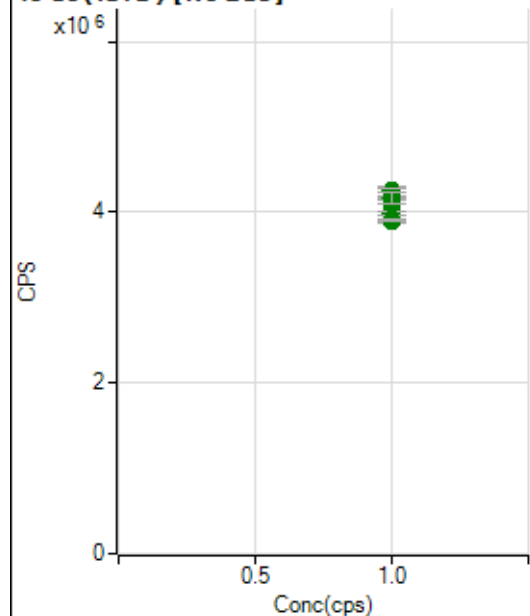
$$BEC = 0.002801$$

Weight: <None>

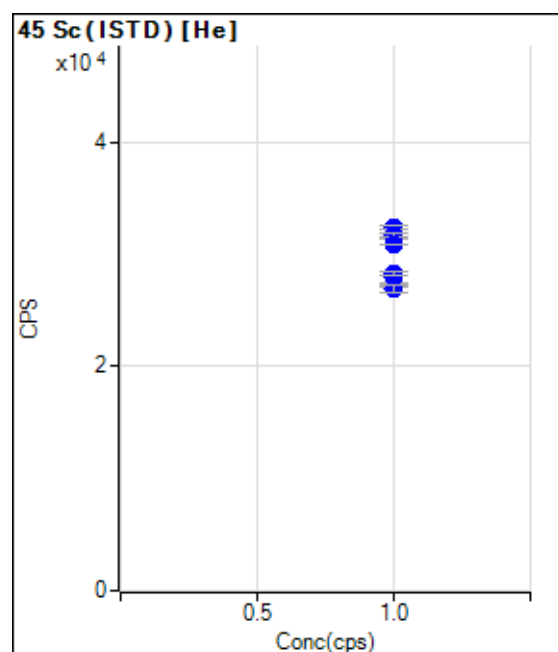
Min Conc: 0

6 Li (ISTD) [No Gas]

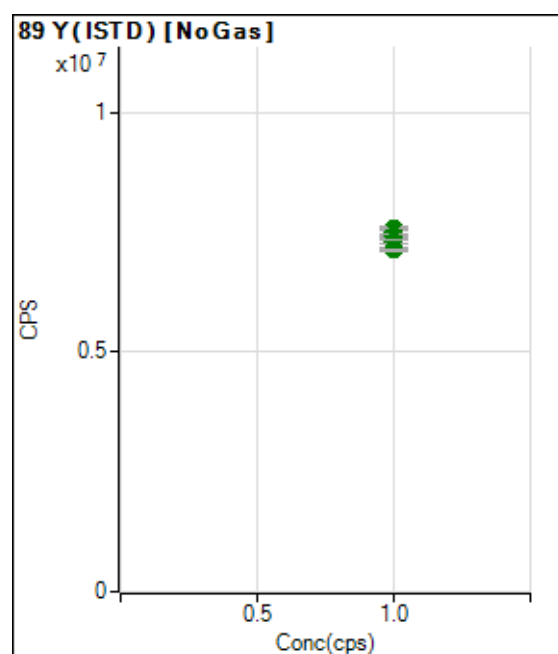
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1589476.97		A	0.3
2	☐	1.000					
3	☐	1.000		1577738.28		A	2.0
4	☐	1.000		1601623.31		A	1.3
5	☐	1.000		1571033.52		A	4.1
6	☐	1.000		1586997.60		A	2.2
7	☐	1.000		1552836.64		A	1.2
8	☐	1.000		1514739.32		A	1.7
9	☐	1.000		1505474.11		A	1.8

45 Sc (ISTD) [No Gas]

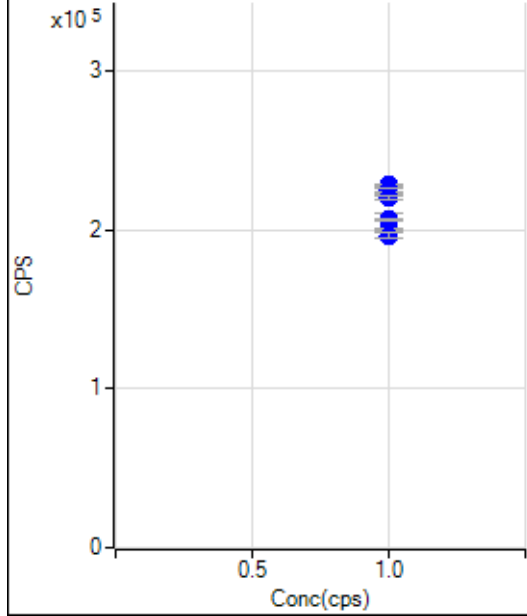
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4171414.16		A	0.7
2	☐	1.000					
3	☐	1.000		4250114.94		A	2.6
4	☐	1.000		4240860.25		A	1.9
5	☐	1.000		4093303.13		A	3.7
6	☐	1.000		4169289.20		A	3.1
7	☐	1.000		3991895.66		A	0.8
8	☐	1.000		3926041.67		A	2.1
9	☐	1.000		3905234.77		A	0.6



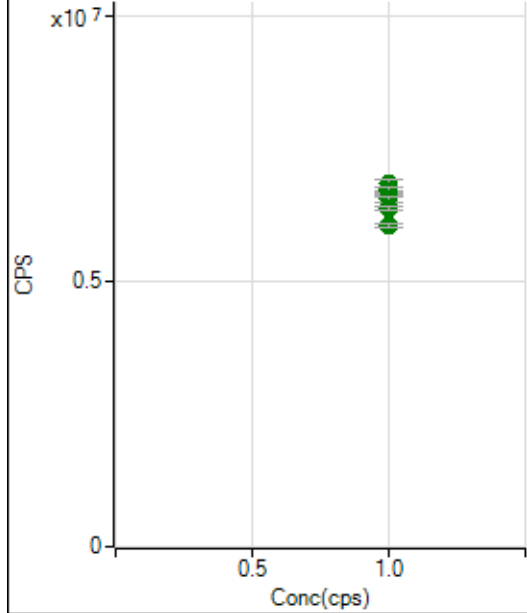
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31620.16		P	1.2
2	☐	1.000					
3	☐	1.000		32326.20		P	0.9
4	☐	1.000		31702.52		P	1.3
5	☐	1.000		30844.02		P	0.4
6	☐	1.000		27852.43		P	4.5
7	☐	1.000		27298.97		P	1.1
8	☐	1.000		26908.15		P	2.5
9	☐	1.000		28302.05		P	1.5



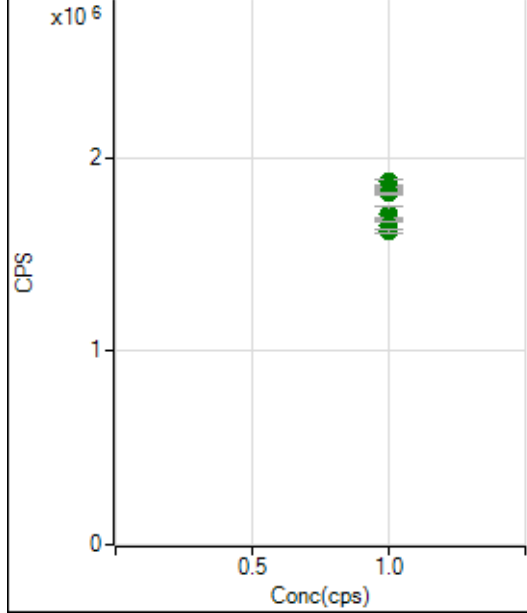
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7344205.31		A	0.5
2	☐	1.000					
3	☐	1.000		7506235.38		A	3.0
4	☐	1.000		7567447.74		A	1.2
5	☐	1.000		7312816.21		A	3.6
6	☐	1.000		7503731.07		A	2.0
7	☐	1.000		7406362.04		A	1.0
8	☐	1.000		7296732.46		A	1.5
9	☐	1.000		7122901.07		A	0.8

89 Y(ISTD) [He]

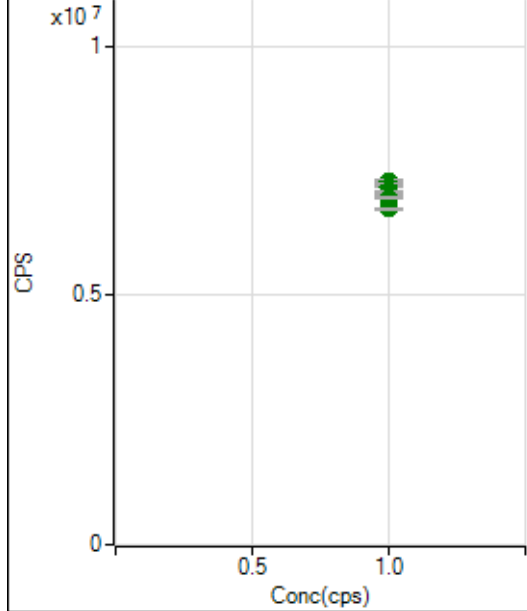
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		222758.03		P	0.4
2	☐	1.000					
3	☐	1.000		228561.25		P	0.4
4	☐	1.000		225506.66		P	0.8
5	☐	1.000		220670.51		P	1.0
6	☐	1.000		205627.17		P	4.7
7	☐	1.000		200676.29		P	0.3
8	☐	1.000		196554.16		P	1.8
9	☐	1.000		206952.38		P	0.7

103 Rh(ISTD) [No Gas]

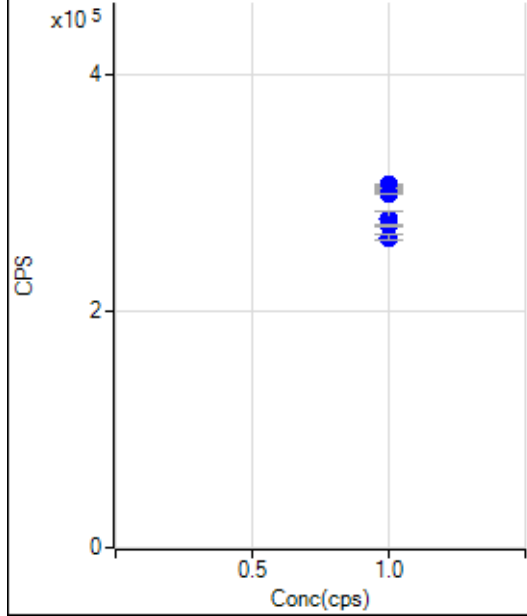
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6722731.75		A	1.3
2	☐	1.000					
3	☐	1.000		6783734.61		A	3.4
4	☐	1.000		6829110.92		A	2.0
5	☐	1.000		6573194.76		A	3.0
6	☐	1.000		6699153.01		A	2.2
7	☐	1.000		6538785.22		A	1.4
8	☐	1.000		6367148.67		A	1.0
9	☐	1.000		6038008.69		A	1.3

103 Rh (ISTD) [He]

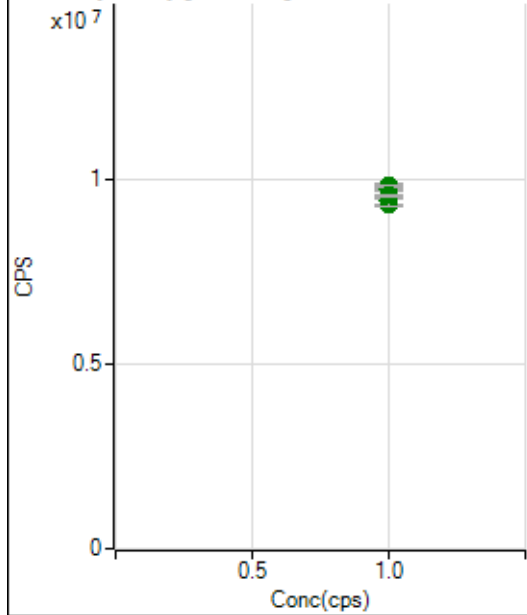
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1834662.06		A	0.4
2	☐	1.000					
3	☐	1.000		1874227.26		A	1.5
4	☐	1.000		1846721.92		A	0.3
5	☐	1.000		1813306.81		A	0.5
6	☐	1.000		1709971.56		A	5.0
7	☐	1.000		1684268.29		A	0.6
8	☐	1.000		1649481.92		A	2.0
9	☐	1.000		1619827.27		A	1.3

115 In (ISTD) [No Gas]

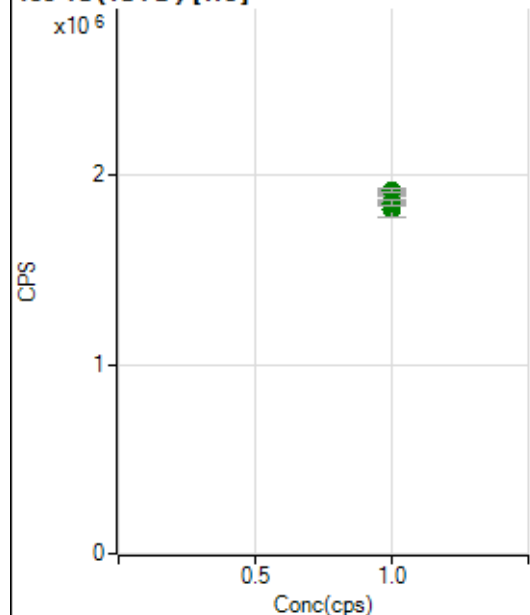
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7077342.00		A	0.7
2	☐	1.000					
3	☐	1.000		7155762.72		A	3.3
4	☐	1.000		7275553.85		A	1.4
5	☐	1.000		7052816.65		A	3.2
6	☐	1.000		7174360.43		A	2.1
7	☐	1.000		7081842.95		A	0.4
8	☐	1.000		6954679.99		A	0.6
9	☐	1.000		6735937.45		A	0.5

115 In (ISTD) [He]

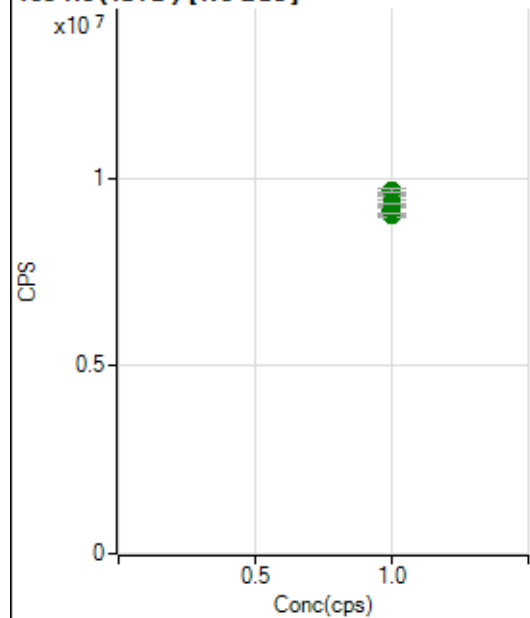
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		300032.02		P	0.5
2	☐	1.000					
3	☐	1.000		306738.99		P	0.4
4	☐	1.000		303710.15		P	0.4
5	☐	1.000		299345.54		P	0.1
6	☐	1.000		278211.75		P	4.6
7	☐	1.000		272457.10		P	0.4
8	☐	1.000		262516.23		P	2.3
9	☐	1.000		272559.37		P	0.6

159 Tb (ISTD) [No Gas]

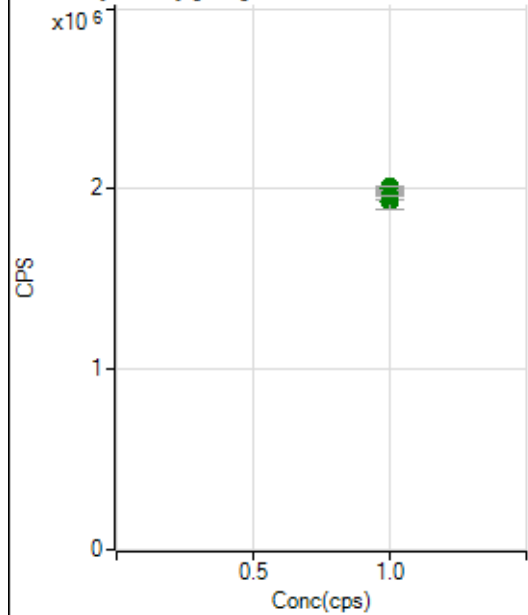
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9290256.67		A	0.6
2	☐	1.000					
3	☐	1.000		9401207.01		A	2.9
4	☐	1.000		9524959.58		A	1.2
5	☐	1.000		9429639.51		A	3.1
6	☐	1.000		9806584.93		A	1.8
7	☐	1.000		9741789.78		A	1.3
8	☐	1.000		9812408.47		A	0.4
9	☐	1.000		9550789.02		A	0.2

159 Tb (ISTD) [He]

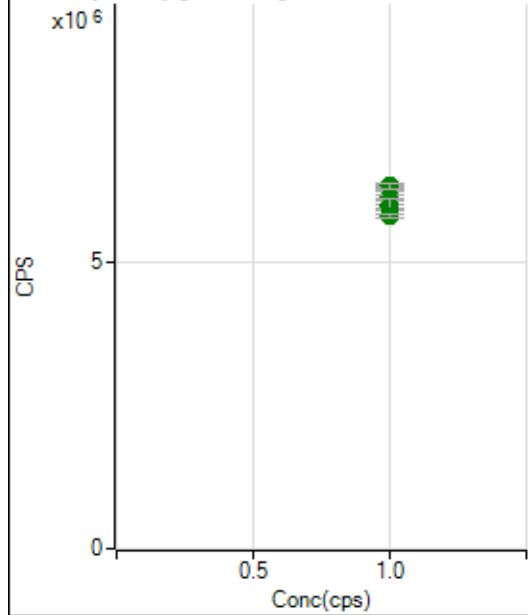
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1898234.66		A	0.3
2	☐	1.000					
3	☐	1.000		1911768.12		A	2.4
4	☐	1.000		1914757.19		A	0.9
5	☐	1.000		1916367.45		A	1.0
6	☐	1.000		1820894.57		A	5.0
7	☐	1.000		1845123.79		A	0.9
8	☐	1.000		1848639.85		A	1.2
9	☐	1.000		1852748.91		A	1.2

165 Ho (ISTD) [No Gas]

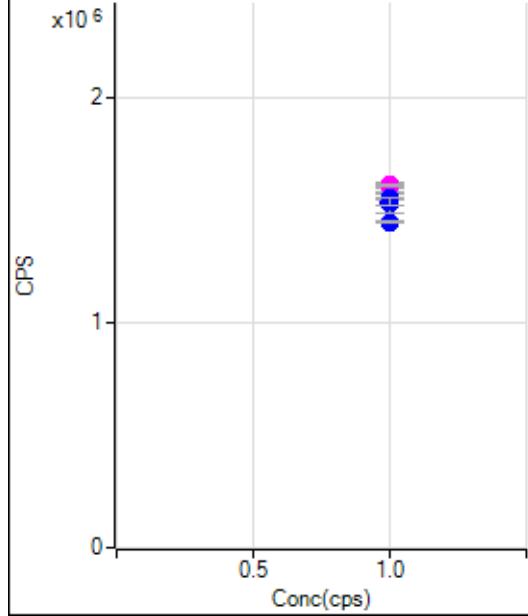
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8988407.06		A	0.5
2	☐	1.000					
3	☐	1.000		9133278.16		A	3.2
4	☐	1.000		9282459.76		A	1.2
5	☐	1.000		9151562.53		A	2.4
6	☐	1.000		9523724.86		A	1.9
7	☐	1.000		9561196.48		A	0.8
8	☐	1.000		9661303.43		A	1.2
9	☐	1.000		9330498.38		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1966047.76		A	0.2
2	☐	1.000					
3	☐	1.000		2011784.64		A	0.5
4	☐	1.000		2008503.77		A	0.9
5	☐	1.000		2007505.65		A	1.0
6	☐	1.000		1933711.31		A	5.1
7	☐	1.000		1967090.82		A	0.8
8	☐	1.000		1960294.78		A	2.2
9	☐	1.000		1961895.54		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5956127.34		A	1.3
2	☐	1.000					
3	☐	1.000		6017357.20		A	2.9
4	☐	1.000		6126865.26		A	1.7
5	☐	1.000		5961251.30		A	4.5
6	☐	1.000		6263754.91		A	2.7
7	☐	1.000		6258638.79		A	1.1
8	☐	1.000		6327741.71		A	1.6
9	☐	1.000		5801515.54		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1574978.74		P	0.5
2	☐	1.000					
3	☐	1.000		1610431.02		P	1.1
4	☐	1.000		1610559.13		M	1.3
5	☐	1.000		1605682.22		M	0.5
6	☐	1.000		1528752.27		P	5.9
7	☐	1.000		1549761.56		P	0.7
8	☐	1.000		1535103.10		P	2.0
9	☐	1.000		1446310.99		P	0.7

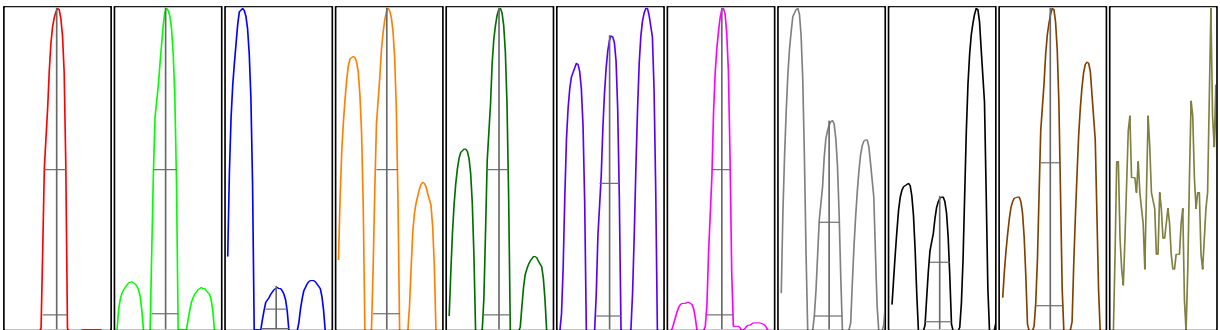
US EPA Tune Check Sample Report

Batch Folder D:\P8082918 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6784	1.33	5.00	
24	329307	1.03	5.00	
25	44005	1.23	5.00	
26	50719	1.28	5.00	
59	66516	1.42	5.00	
113	9486	1.33	5.00	
115	118705	1.18	5.00	
206	29247	1.66	5.00	
207	26653	1.67	5.00	
208	63374	1.63	5.00	
220	1	18.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6883	6643	6819	6759	6815
24	331612	324349	332956	327744	329874
25	44256	43148	44544	43847	44228
26	51017	49678	51374	50569	50959
59	66744	65138	67444	66026	67230
113	9543	9369	9662	9362	9493
115	119400	118534	120663	117037	117890
206	28949	28782	29826	28962	29716
207	26324	26257	27156	26412	27119
208	62364	62672	64119	62928	64785
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11836	9.00	8.9 - 9.1		0.737	0.900	
24	549840	23.95	23.9 - 24.1		0.784	0.900	
25	73193	24.95	24.9 - 25.1		0.786	0.900	
26	85908	25.95	25.9 - 26.1		0.781	0.900	
59	117502	59.00	58.9 - 59.1		0.770	0.900	
113	18024	113.00	112.9 - 113.1		0.725	0.900	
115	224726	115.05	114.9 - 115.1		0.762	0.900	
206	52772	205.95	205.9 - 206.1		0.784	0.900	
207	48250	206.95	206.9 - 207.1		0.741	0.900	
208	116140	207.95	207.9 - 208.1		0.774	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	13.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8304	1.70	
89	6701	1.80	
205	13708	1.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8393	8321	8059	8350	8399
89	6780	6727	6488	6737	6772
205	13850	13747	13308	13765	13868

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	9.5	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.77	-0.62	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.05	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.08	0.11	-0.03	0.00	N/A	ppb
Boron	10-1	-0.36	0.34	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.11	0.37	-0.26	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.04	-0.04	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Calcium	43-1	-3.62	1.59	2.02	0.00	N/A	ppb
Calcium	44-1	0.14	-1.23	1.09	0.00	N/A	ppb
Chromium	52-2	0.02	-0.09	0.07	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.38	-0.34	-0.04	0.00	N/A	ppb
Iron	57-2	-1.50	-0.10	1.60	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.00	0.08	-2.07	0.00	N/A	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	0.26	-0.16	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	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	-0.07	0.00	N/A	ppb
Phosphorus	31-2	24.47	0.57	-23.89	0.38	6291.84	ppb
Potassium	39-2	-1.58	14.81	-13.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.32	0.67	0.65	0.00	N/A	ppb
Selenium	82-1	0.16	0.09	-0.26	0.00	N/A	ppb
Silicon	28-1	0.82	-0.29	-0.53	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.69	4.62	-3.93	0.00	N/A	ppb
Strontium	86-1	0.03	-0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	206.43	-44.20	0.03	54.09	247.33	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	cps
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb
Titanium	47-1	0.06	-0.01	-0.06	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	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.06	0.07	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.26	16.11	21.27	19.88	16.62	ppb
Antimony	121-1	2.08	1.97	2.17	2.07	4.75	ppb
Arsenic	75-2	1.21	0.98	0.91	1.03	15.10	ppb
Barium	135-1	10.12	10.01	10.76	10.30	3.93	ppb
Barium	137-1	10.13	10.32	10.38	10.27	1.27	ppb
Beryllium	9-1	1.01	1.13	1.11	1.08	5.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	24.10	24.23	24.49	24.28	0.81	ppb
Boron	10-1	24.76	26.94	26.85	26.18	4.70	ppb
Cadmium	106-1	0.37	1.37	1.28	1.01	54.57	ppb
Cadmium	108-1	0.86	0.85	1.05	0.92	12.46	ppb
Cadmium	111-1	1.00	1.02	1.10	1.04	4.97	ppb
Calcium	43-1	449.91	467.07	468.47	461.82	2.24	ppb
Calcium	44-1	458.44	456.12	475.60	463.38	2.30	ppb
Chromium	52-2	2.07	1.94	2.19	2.07	6.20	ppb
Cobalt	59-2	0.95	0.98	1.03	0.99	4.18	ppb
Copper	63-2	1.87	1.84	1.90	1.87	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	50.12	49.25	50.29	49.89	1.12	ppb
Iron	57-2	49.58	45.33	47.59	47.50	4.48	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.03	1.04	1.02	2.91	ppb
Lead	207-1	0.97	0.96	0.97	0.97	0.49	ppb
Lead	208-1	1.00	0.97	1.05	1.01	4.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	479.44	455.29	468.02	467.58	2.58	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.71	1.01	0.79	0.84	18.34	ppb
Molybdenum	94-1	4.94	4.82	5.13	4.97	3.12	ppb
Molybdenum	95-1	4.89	4.82	5.08	4.93	2.71	ppb
Molybdenum	96-1	5.05	4.99	4.98	5.01	0.75	ppb
Molybdenum	97-1	5.11	4.98	4.88	4.99	2.37	ppb
Molybdenum	98-1	4.71	4.78	5.10	4.86	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.07	0.90	0.94	11.97	ppb
Phosphorus	31-2	-0.30	23.04	-23.89	-0.38		ppb
Potassium	39-2	489.92	461.06	485.60	478.86	3.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	12.09	0.00	4.03	173.21	ppb
Selenium	78-2	2.57	3.50	7.37	4.48	56.82	ppb
Selenium	82-1	3.81	4.17	5.31	4.43	17.69	ppb
Silicon	28-1	14.93	14.18	20.61	16.57	21.21	ppb
Silver	109-1	1.02	1.01	1.07	1.03	3.12	ppb
Silver	107-1	1.05	1.05	1.12	1.07	3.81	ppb
Sodium	23-2	487.09	495.78	477.00	486.62	1.93	ppb
Strontium	86-1	0.93	0.94	0.96	0.94	1.68	ppb
Strontium	88-1	1.04	1.02	1.05	1.04	1.59	ppb
Sulfur	34-1	-87.46	-362.05	287.25	-54.09		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.99	1.06	1.01	4.91	ppb
Thallium	205-1	0.97	0.92	0.99	0.96	4.10	ppb
Thorium	232-1	0.86	0.86	0.85	0.86	0.58	cps
Tin	118-1	5.04	4.99	5.37	5.13	4.08	ppb
Titanium	47-1	4.91	4.94	5.50	5.11	6.45	ppb
Uranium	238-1	0.96	0.93	1.01	0.97	4.13	ppb
Vanadium	51-2	4.95	4.69	4.78	4.81	2.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.37	1.83	2.27	2.15	13.28	ppb
Zirconium	90-1	0.88	0.96	1.00	0.95	6.51	ppb
Zirconium	91-1	0.87	0.93	1.04	0.95	9.07	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	978.05	932.71	969.58	960.11	2.51	ppb
Antimony	121-1	51.33	53.37	52.15	52.28	1.97	ppb
Arsenic	75-2	50.98	50.82	51.51	51.10	0.70	ppb
Barium	135-1	262.24	268.06	257.99	262.76	1.92	ppb
Barium	137-1	261.07	269.58	260.60	263.75	1.92	ppb
Beryllium	9-1	53.89	53.03	51.66	52.86	2.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	49.17	51.10	51.48	50.58	2.44	ppb
Boron	10-1	51.64	55.54	50.33	52.50	5.16	ppb
Cadmium	106-1	51.38	53.43	52.46	52.42	1.95	ppb
Cadmium	108-1	55.39	55.95	51.43	54.26	4.54	ppb
Cadmium	111-1	54.17	54.56	53.58	54.10	0.91	ppb
Calcium	43-1	4800.57	4957.62	4733.58	4830.59	2.38	ppb
Calcium	44-1	4803.65	5101.26	4792.13	4899.01	3.58	ppb
Chromium	52-2	50.83	50.52	50.28	50.54	0.55	ppb
Cobalt	59-2	51.43	49.78	50.35	50.52	1.66	ppb
Copper	63-2	103.03	99.55	100.69	101.09	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2558.26	2482.59	2526.17	2522.34	1.51	ppb
Iron	57-2	2572.66	2402.71	2556.96	2510.78	3.74	ppb
Krypton	83-1						cps
Lead	206-1	49.56	51.15	49.46	50.06	1.89	ppb
Lead	207-1	48.86	50.76	49.36	49.66	1.99	ppb
Lead	208-1	49.29	51.15	49.83	50.09	1.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	5007.55	4933.07	4939.37	4960.00	0.83	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.39	101.87	101.00	101.75	0.69	ppb
Molybdenum	94-1	251.79	260.67	254.28	255.58	1.79	ppb
Molybdenum	95-1	250.86	257.29	250.44	252.86	1.52	ppb
Molybdenum	96-1	252.78	256.83	252.87	254.16	0.91	ppb
Molybdenum	97-1	253.77	255.59	251.68	253.68	0.77	ppb
Molybdenum	98-1	252.14	257.37	251.49	253.67	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.67	50.15	50.57	50.80	1.55	ppb
Phosphorus	31-2	903.22	737.04	1039.87	893.37	16.98	ppb
Potassium	39-2	2508.74	2348.67	2402.39	2419.93	3.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	61.83	24.35	36.84	41.01	46.54	ppb
Selenium	78-2	56.96	53.15	50.67	53.59	5.92	ppb
Selenium	82-1	51.32	54.98	50.92	52.41	4.27	ppb
Silicon	28-1	61.32	66.31	61.64	63.09	4.43	ppb
Silver	109-1	55.51	55.86	54.67	55.35	1.10	ppb
Silver	107-1	55.21	56.62	54.74	55.52	1.76	ppb
Sodium	23-2	4989.17	4900.41	4928.05	4939.21	0.92	ppb
Strontium	86-1	50.38	52.42	50.76	51.19	2.13	ppb
Strontium	88-1	50.85	52.31	50.87	51.34	1.63	ppb
Sulfur	34-1	906.22	1434.25	970.74	1103.74	26.10	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	49.23	51.36	50.06	50.22	2.13	ppb
Thallium	205-1	49.48	51.50	50.23	50.40	2.03	ppb
Thorium	232-1	44.45	46.17	47.24	45.95	3.07	cps
Tin	118-1	53.30	53.89	52.40	53.20	1.42	ppb
Titanium	47-1	248.84	260.78	250.78	253.47	2.53	ppb
Uranium	238-1	47.22	49.58	47.58	48.13	2.64	ppb
Vanadium	51-2	51.37	50.11	50.76	50.75	1.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	102.98	100.74	102.15	101.96	1.11	ppb
Zirconium	90-1	49.46	51.97	50.72	50.72	2.47	ppb
Zirconium	91-1	49.25	50.86	49.15	49.75	1.93	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2365.77	2427.46	2360.97	2384.73	1.55	ppb
Antimony	121-1	135.16	138.31	129.87	134.45	3.17	ppb
Arsenic	75-2	128.84	126.05	129.15	128.01	1.33	ppb
Barium	135-1	674.72	685.06	644.27	668.02	3.17	ppb
Barium	137-1	675.56	697.91	653.37	675.61	3.30	ppb
Beryllium	9-1	134.64	138.17	127.24	133.35	4.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	124.86	131.92	122.99	126.59	3.72	ppb
Boron	10-1	126.88	131.35	125.13	127.78	2.51	ppb
Cadmium	106-1	141.53	137.80	132.27	137.20	3.39	ppb
Cadmium	108-1	138.37	140.50	132.64	137.17	2.96	ppb
Cadmium	111-1	136.24	140.21	130.44	135.63	3.62	ppb
Calcium	43-1	12290.98	12823.98	12038.05	12384.34	3.24	ppb
Calcium	44-1	12236.77	12977.36	12101.53	12438.55	3.79	ppb
Chromium	52-2	126.67	126.08	125.67	126.14	0.40	ppb
Cobalt	59-2	126.11	125.14	125.18	125.48	0.44	ppb
Copper	63-2	252.37	249.76	250.81	250.98	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6371.48	6300.97	6398.14	6356.86	0.79	ppb
Iron	57-2	6261.49	6090.45	6319.63	6223.85	1.91	ppb
Krypton	83-1						cps
Lead	206-1	129.69	134.66	123.32	129.22	4.40	ppb
Lead	207-1	129.30	134.71	122.51	128.84	4.74	ppb
Lead	208-1	130.13	135.25	123.62	129.67	4.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	12519.89	12462.68	12441.30	12474.62	0.33	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.03	252.93	251.46	252.47	0.35	ppb
Molybdenum	94-1	663.25	702.10	646.07	670.47	4.28	ppb
Molybdenum	95-1	666.17	700.57	639.83	668.86	4.55	ppb
Molybdenum	96-1	667.86	697.33	637.83	667.67	4.46	ppb
Molybdenum	97-1	648.12	679.43	622.63	650.06	4.38	ppb
Molybdenum	98-1	647.40	696.12	636.12	659.88	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.36	126.10	125.86	126.77	1.09	ppb
Phosphorus	31-2	2015.70	2865.81	2901.28	2594.26	19.33	ppb
Potassium	39-2	6212.40	6196.68	6026.00	6145.03	1.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	137.79	155.35	152.16	148.43	6.30	ppb
Selenium	78-2	137.76	150.55	116.17	134.82	12.89	ppb
Selenium	82-1	134.23	140.44	128.54	134.40	4.43	ppb
Silicon	28-1	162.16	175.92	155.61	164.56	6.30	ppb
Silver	109-1	139.89	143.13	134.70	139.24	3.06	ppb
Silver	107-1	139.44	143.85	133.98	139.09	3.55	ppb
Sodium	23-2	12478.64	12348.28	12338.87	12388.60	0.63	ppb
Strontium	86-1	130.43	137.60	125.92	131.32	4.48	ppb
Strontium	88-1	134.48	140.01	129.70	134.73	3.83	ppb
Sulfur	34-1	2902.43	3881.08	2523.21	3102.24	22.58	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	130.59	135.32	124.17	130.03	4.31	ppb
Thallium	205-1	133.16	139.77	126.56	133.16	4.96	ppb
Thorium	232-1	120.63	121.72	120.38	120.91	0.59	cps
Tin	118-1	135.66	138.72	130.24	134.87	3.18	ppb
Titanium	47-1	649.90	685.73	632.69	656.11	4.12	ppb
Uranium	238-1	128.71	132.97	122.66	128.11	4.04	ppb
Vanadium	51-2	126.53	125.68	123.49	125.23	1.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.88	250.36	251.20	252.48	1.18	ppb
Zirconium	90-1	133.06	140.51	128.07	133.88	4.67	ppb
Zirconium	91-1	129.92	137.14	125.71	130.92	4.42	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5320.62	4813.05	4888.01	5007.23	5.47	ppb
Antimony	121-1	258.68	251.72	264.75	258.38	2.52	ppb
Arsenic	75-2	278.76	255.99	253.45	262.74	5.30	ppb
Barium	135-1	1318.08	1253.49	1325.24	1298.94	3.04	ppb
Barium	137-1	1282.18	1245.55	1309.62	1279.12	2.51	ppb
Beryllium	9-1	260.77	246.41	257.12	254.77	2.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	11-1	247.75	243.67	254.92	248.78	2.29	ppb
Boron	10-1	250.76	254.63	260.76	255.38	1.97	ppb
Cadmium	106-1	259.26	255.59	267.30	260.72	2.30	ppb
Cadmium	108-1	257.76	258.29	265.53	260.53	1.67	ppb
Cadmium	111-1	257.35	251.98	263.17	257.50	2.17	ppb
Calcium	43-1	24113.43	23021.14	24227.25	23787.28	2.80	ppb
Calcium	44-1	24039.95	22890.41	24329.79	23753.38	3.20	ppb
Chromium	52-2	280.31	260.24	256.36	265.64	4.84	ppb
Cobalt	59-2	280.39	257.76	258.25	265.47	4.87	ppb
Copper	63-2	557.69	516.80	513.79	529.42	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	14107.69	12856.55	12787.89	13250.71	5.61	ppb
Iron	57-2	13971.97	12523.49	12739.87	13078.45	5.97	ppb
Krypton	83-1						cps
Lead	206-1	249.37	239.13	253.73	247.41	3.03	ppb
Lead	207-1	248.09	237.76	251.30	245.72	2.88	ppb
Lead	208-1	252.90	243.50	256.09	250.83	2.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	28052.34	25354.97	25407.99	26271.77	5.87	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	561.15	518.79	514.87	531.60	4.83	ppb
Molybdenum	94-1	1271.36	1232.05	1289.28	1264.23	2.32	ppb
Molybdenum	95-1	1271.84	1225.90	1300.47	1266.07	2.97	ppb
Molybdenum	96-1	1281.69	1222.22	1271.27	1258.39	2.52	ppb
Molybdenum	97-1	1280.09	1240.87	1295.72	1272.23	2.22	ppb
Molybdenum	98-1	1265.22	1220.30	1273.39	1252.97	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	283.50	260.58	260.28	268.12	4.97	ppb
Phosphorus	31-2	6140.94	5066.64	4920.51	5376.03	12.40	ppb
Potassium	39-2	13440.01	12412.25	12446.77	12766.34	4.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	284.80	262.28	327.35	291.48	11.34	ppb
Selenium	78-2	309.18	260.54	271.65	280.46	9.09	ppb
Selenium	82-1	259.31	247.34	256.48	254.38	2.46	ppb
Silicon	28-1	271.89	257.52	282.90	270.77	4.70	ppb
Silver	109-1	266.23	256.23	268.73	263.73	2.51	ppb
Silver	107-1	265.38	257.90	267.23	263.50	1.87	ppb
Sodium	23-2	28159.33	25607.77	25710.22	26492.44	5.45	ppb
Strontium	86-1	252.79	245.11	255.27	251.06	2.11	ppb
Strontium	88-1	256.30	247.76	256.99	253.68	2.03	ppb
Sulfur	34-1	5222.58	4188.52	5147.45	4852.85	11.88	ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	253.80	243.86	259.09	252.25	3.07	ppb
Thallium	205-1	256.30	242.14	257.81	252.08	3.43	ppb
Thorium	232-1	243.42	238.67	240.72	240.93	0.99	cps
Tin	118-1	256.94	250.82	262.49	256.75	2.27	ppb
Titanium	47-1	1272.24	1216.80	1297.53	1262.19	3.27	ppb
Uranium	238-1	246.09	236.67	249.64	244.13	2.74	ppb
Vanadium	51-2	280.56	255.27	255.75	263.86	5.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	571.26	523.33	513.32	535.97	5.78	ppb
Zirconium	90-1	258.94	246.40	258.07	254.47	2.75	ppb
Zirconium	91-1	250.20	241.13	251.98	247.77	2.35	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9611.60	9486.25	9414.83	9504.23	1.05	ppb
Antimony	121-1	504.24	508.53	516.76	509.84	1.25	ppb
Arsenic	75-2	503.81	495.54	497.86	499.07	0.85	ppb
Barium	135-1	2502.78	2557.52	2578.32	2546.21	1.53	ppb
Barium	137-1	2489.96	2533.14	2538.89	2520.66	1.06	ppb
Beryllium	9-1	495.62	497.54	499.98	497.71	0.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	487.77	499.31	509.21	498.77	2.15	ppb
Boron	10-1	476.10	494.02	516.62	495.58	4.10	ppb
Cadmium	106-1	503.43	509.09	510.72	507.75	0.75	ppb
Cadmium	108-1	505.88	506.61	518.57	510.36	1.40	ppb
Cadmium	111-1	503.48	507.16	508.60	506.41	0.52	ppb
Calcium	43-1	48181.84	48366.36	48489.00	48345.73	0.32	ppb
Calcium	44-1	48065.65	47552.48	48248.45	47955.53	0.75	ppb
Chromium	52-2	511.07	496.47	506.56	504.70	1.48	ppb
Cobalt	59-2	510.85	498.62	505.30	504.92	1.21	ppb
Copper	63-2	1023.26	999.34	1012.68	1011.76	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	25356.56	24837.69	25197.09	25130.44	1.06	ppb
Iron	57-2	25238.21	24627.85	24764.63	24876.89	1.29	ppb
Krypton	83-1						cps
Lead	206-1	506.20	497.20	514.40	505.93	1.70	ppb
Lead	207-1	508.53	503.59	513.81	508.64	1.00	ppb
Lead	208-1	504.27	501.42	513.88	506.53	1.29	ppb
Lithium	6-1				98		%
Magnesium	24-2	52411.99	49094.20	50257.14	50587.78	3.33	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.95	999.17	1005.36	1008.16	1.06	ppb
Molybdenum	94-1	2484.68	2529.57	2510.66	2508.30	0.90	ppb
Molybdenum	95-1	2476.94	2490.06	2497.26	2488.09	0.41	ppb
Molybdenum	96-1	2479.04	2496.16	2510.23	2495.14	0.63	ppb
Molybdenum	97-1	2492.59	2520.08	2550.82	2521.16	1.16	ppb
Molybdenum	98-1	2487.45	2503.82	2524.70	2505.32	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.09	499.65	504.30	507.68	2.00	ppb
Phosphorus	31-2	10424.12	9872.87	9968.51	10088.50	2.92	ppb
Potassium	39-2	24338.37	23802.28	23759.51	23966.72	1.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	545.08	497.79	515.82	519.57	4.59	ppb
Selenium	78-2	483.66	505.63	506.27	498.52	2.58	ppb
Selenium	82-1	502.08	504.82	509.60	505.50	0.75	ppb
Silicon	28-1	529.75	529.16	532.86	530.59	0.37	ppb
Silver	109-1	508.72	512.48	517.41	512.87	0.85	ppb
Silver	107-1	512.30	514.06	521.34	515.90	0.93	ppb
Sodium	23-2	51039.70	49407.44	50022.58	50156.57	1.64	ppb
Strontium	86-1	493.19	501.59	500.53	498.44	0.92	ppb
Strontium	88-1	497.37	502.30	500.95	500.20	0.51	ppb
Sulfur	34-1	9761.69	9878.12	9916.13	9851.98	0.82	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	507.32	504.87	517.31	509.83	1.29	ppb
Thallium	205-1	500.19	500.58	512.27	504.35	1.36	ppb
Thorium	232-1	493.39	488.48	487.38	489.75	0.65	cps
Tin	118-1	503.60	514.50	510.41	509.50	1.08	ppb
Titanium	47-1	2557.24	2500.49	2543.71	2533.81	1.17	ppb
Uranium	238-1	497.05	490.68	501.00	496.25	1.05	ppb
Vanadium	51-2	511.83	495.09	501.23	502.72	1.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1024.44	998.39	1013.53	1012.12	1.29	ppb
Zirconium	90-1	497.87	504.09	500.06	500.67	0.63	ppb
Zirconium	91-1	493.14	500.90	499.07	497.70	0.82	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18896.14	19383.98	18198.56	18826.23	3.16	ppb
Antimony	121-1	1002.51	984.12	988.43	991.69	0.97	ppb
Arsenic	75-2	974.17	1019.15	997.23	996.85	2.26	ppb
Barium	135-1	5009.50	4947.18	4919.26	4958.65	0.93	ppb
Barium	137-1	4998.10	4997.90	4930.12	4975.37	0.79	ppb
Beryllium	9-1	1028.48	978.71	989.11	998.77	2.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	11-1	1002.34	991.59	1008.21	1000.71	0.84	ppb
Boron	10-1	1011.32	990.04	999.72	1000.36	1.07	ppb
Cadmium	106-1	989.42	991.47	994.51	991.80	0.26	ppb
Cadmium	108-1	996.28	992.87	982.22	990.46	0.74	ppb
Cadmium	111-1	995.00	987.84	997.32	993.39	0.50	ppb
Calcium	43-1	100142.22	94943.36	96115.87	97067.15	2.81	ppb
Calcium	44-1	97389.62	93226.17	93870.06	94828.62	2.36	ppb
Chromium	52-2	997.83	1020.31	962.57	993.57	2.93	ppb
Cobalt	59-2	995.89	1017.55	967.32	993.59	2.54	ppb
Copper	63-2	1987.96	2048.33	1923.47	1986.59	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	49761.19	50817.42	48115.39	49564.67	2.75	ppb
Iron	57-2	49651.66	50554.12	47933.83	49379.87	2.70	ppb
Krypton	83-1						cps
Lead	206-1	1021.83	984.26	985.37	997.15	2.14	ppb
Lead	207-1	1021.59	981.27	986.01	996.29	2.21	ppb
Lead	208-1	1020.68	986.00	981.15	995.94	2.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	100512.58	103022.49	97494.21	100343.09	2.76	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1997.59	2025.11	1940.17	1987.62	2.18	ppb
Molybdenum	94-1	5075.71	4937.75	4945.52	4986.33	1.55	ppb
Molybdenum	95-1	5061.50	4967.80	4959.63	4996.31	1.13	ppb
Molybdenum	96-1	5077.20	4972.19	4934.97	4994.79	1.48	ppb
Molybdenum	97-1	5059.11	4980.36	4902.16	4980.54	1.58	ppb
Molybdenum	98-1	5098.06	4958.29	4919.80	4992.05	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.03	1013.64	965.43	991.37	2.45	ppb
Phosphorus	31-2	18535.10	21726.94	19303.84	19855.29	8.39	ppb
Potassium	39-2	47222.57	47805.63	46086.55	47038.25	1.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	876.09	1057.10	998.93	977.37	9.45	ppb
Selenium	78-2	982.84	1001.58	990.74	991.72	0.95	ppb
Selenium	82-1	1008.27	984.91	991.41	994.86	1.21	ppb
Silicon	28-1	996.43	962.61	962.49	973.85	2.01	ppb
Silver	109-1	991.51	985.66	987.08	988.08	0.31	ppb
Silver	107-1	988.41	985.89	985.62	986.64	0.16	ppb
Sodium	23-2	98483.12	100676.90	94898.67	98019.56	2.98	ppb
Strontium	86-1	1015.01	997.47	986.53	999.67	1.44	ppb
Strontium	88-1	1015.82	990.54	986.72	997.69	1.59	ppb
Sulfur	34-1	21038.28	19577.61	19475.10	20030.33	4.37	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	1007.03	989.52	985.11	993.88	1.17	ppb
Thallium	205-1	1024.66	988.07	976.07	996.27	2.54	ppb
Thorium	232-1	1015.43	1002.16	1006.73	1008.11	0.67	cps
Tin	118-1	993.81	994.84	987.86	992.17	0.38	ppb
Titanium	47-1	5089.22	4908.30	4930.43	4975.98	1.98	ppb
Uranium	238-1	1032.70	987.65	988.79	1003.05	2.56	ppb
Vanadium	51-2	999.13	1014.48	971.73	995.11	2.18	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1993.49	2013.59	1946.53	1984.54	1.73	ppb
Zirconium	90-1	1014.29	981.80	996.11	997.40	1.63	ppb
Zirconium	91-1	1018.64	982.42	1001.88	1000.98	1.81	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101678.81	100107.84	99075.10	100287.25	1.31	ppb
Antimony	121-1	2.83	2.76	2.61	2.73	4.03	ppb
Arsenic	75-2	1.54	2.04	1.53	1.70	17.07	ppb
Barium	135-1	0.63	0.69	0.72	0.68	7.27	ppb
Barium	137-1	0.74	0.75	0.61	0.70	10.95	ppb
Beryllium	9-1	0.61	0.65	0.49	0.58	14.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	11-1	59.30	51.18	49.19	53.22	10.06	ppb
Boron	10-1	54.76	51.97	49.62	52.12	4.93	ppb
Cadmium	106-1	0.91	0.91	0.78	0.87	9.03	ppb
Cadmium	108-1	0.46	0.32	0.14	0.31	52.29	ppb
Cadmium	111-1	0.23	0.26	0.26	0.25	7.58	ppb
Calcium	43-1	497649.57	498698.69	506103.52	500817.26	0.92	ppb
Calcium	44-1	500872.08	498946.99	504091.85	501303.64	0.52	ppb
Chromium	52-2	33.67	32.64	32.29	32.87	2.19	ppb
Cobalt	59-2	12.79	12.13	12.42	12.44	2.64	ppb
Copper	63-2	4.35	4.48	4.45	4.43	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	253955.71	248920.72	247224.35	250033.59	1.40	ppb
Iron	57-2	253373.07	248749.37	248201.44	250107.96	1.14	ppb
Krypton	83-1						cps
Lead	206-1	1.69	1.77	1.80	1.75	3.35	ppb
Lead	207-1	1.62	1.70	1.61	1.64	3.10	ppb
Lead	208-1	1.68	1.70	1.75	1.71	1.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	501499.77	500215.80	497714.68	499810.08	0.39	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CAL5_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.42	8.06	8.53	8.34	2.95	ppb
Molybdenum	94-1	5.10	5.03	4.80	4.98	3.20	ppb
Molybdenum	95-1	6.44	6.48	6.34	6.42	1.10	ppb
Molybdenum	96-1	6.77	6.83	6.42	6.67	3.28	ppb
Molybdenum	97-1	6.57	6.20	6.17	6.31	3.53	ppb
Molybdenum	98-1	6.59	6.53	6.46	6.53	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.03	28.13	28.15	28.44	1.80	ppb
Phosphorus	31-2	3.56	3.04	2.74	3.12	13.28	ppb
Potassium	39-2	256301.76	246235.51	249520.21	250685.83	2.05	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.32	0.80	-1.32	-0.61		ppb
Selenium	82-1	0.48	1.11	0.76	0.78	40.32	ppb
Silicon	28-1	72.61	75.96	77.68	75.42	3.42	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.66	ppb
Silver	107-1	0.11	0.09	0.07	0.09	20.41	ppb
Sodium	23-2	506407.58	499996.93	494523.14	500309.21	1.19	ppb
Strontium	86-1	4.56	4.91	4.81	4.76	3.78	ppb
Strontium	88-1	4.93	5.10	4.96	5.00	1.88	ppb
Sulfur	34-1	-638.82	-500.79	-312.36	-483.99		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.55	0.51	0.47	0.51	7.97	ppb
Thallium	205-1	0.50	0.48	0.44	0.47	6.62	ppb
Thorium	232-1	0.38	0.34	0.31	0.34	11.25	cps
Tin	118-1	1.06	0.95	0.98	0.99	5.70	ppb
Titanium	47-1	1.74	1.59	0.75	1.36	38.98	ppb
Uranium	238-1	0.18	0.17	0.16	0.17	6.57	ppb
Vanadium	51-2	0.36	0.44	0.42	0.41	10.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CALS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.74	11.19	10.44	11.12	5.88	ppb
Zirconium	90-1	0.22	0.21	0.20	0.21	4.26	ppb
Zirconium	91-1	0.27	0.21	0.26	0.25	13.57	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	450.82	519.04	467.52	479.13	7.42	ppb
Antimony	121-1	196.77	200.95	197.31	198.34	1.15	ppb
Arsenic	75-2	193.31	196.58	191.94	193.94	1.23	ppb
Barium	135-1	98.00	99.46	99.22	98.89	0.79	ppb
Barium	137-1	99.40	99.62	99.10	99.37	0.27	ppb
Beryllium	9-1	96.45	96.07	95.48	96.00	0.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	484.78	498.07	513.96	498.93	2.93	ppb
Boron	10-1	487.80	503.16	522.43	504.46	3.44	ppb
Cadmium	106-1	175.02	168.95	173.12	172.36	1.80	ppb
Cadmium	108-1	139.18	139.25	139.64	139.36	0.18	ppb
Cadmium	111-1	103.95	104.34	104.23	104.17	0.20	ppb
Calcium	43-1	2002.31	2049.10	1980.69	2010.70	1.74	ppb
Calcium	44-1	1942.39	1919.36	1946.78	1936.18	0.76	ppb
Chromium	52-2	93.08	95.92	90.94	93.31	2.68	ppb
Cobalt	59-2	93.61	96.59	94.96	95.06	1.57	ppb
Copper	63-2	94.59	96.14	95.21	95.31	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	943.64	974.14	953.56	957.11	1.63	ppb
Iron	57-2	919.04	941.29	963.10	941.14	2.34	ppb
Krypton	83-1						cps
Lead	206-1	193.35	194.78	196.37	194.83	0.78	ppb
Lead	207-1	184.91	186.29	188.14	186.45	0.87	ppb
Lead	208-1	193.12	194.21	193.75	193.69	0.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	1127.31	1176.40	1164.40	1156.04	2.21	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.74	93.69	90.08	91.84	1.97	ppb
Molybdenum	94-1	1151.67	1189.63	1186.59	1175.96	1.79	ppb
Molybdenum	95-1	540.24	552.92	544.93	546.03	1.17	ppb
Molybdenum	96-1	614.39	622.78	628.26	621.81	1.12	ppb
Molybdenum	97-1	518.50	533.53	531.42	527.82	1.54	ppb
Molybdenum	98-1	534.34	544.89	542.77	540.67	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.12	98.24	95.16	96.17	1.86	ppb
Phosphorus	31-2	-0.01	-23.89	-23.89	-15.93		ppb
Potassium	39-2	1816.08	1885.31	1900.62	1867.33	2.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	212.41	182.40	144.43	179.75	18.95	ppb
Selenium	78-2	183.30	200.63	217.35	200.43	8.49	ppb
Selenium	82-1	195.62	200.28	201.60	199.17	1.58	ppb
Silicon	28-1	-0.67	-2.85	-0.01	-1.18		ppb
Silver	109-1	98.46	100.54	101.12	100.04	1.40	ppb
Silver	107-1	99.48	101.35	100.47	100.43	0.93	ppb
Sodium	23-2	1899.73	1949.23	1903.55	1917.50	1.44	ppb
Strontium	86-1	510.36	519.51	518.70	516.19	0.98	ppb
Strontium	88-1	515.10	525.49	523.11	521.24	1.04	ppb
Sulfur	34-1	-403.02	-659.57	-717.42	-593.34		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	193.48	197.47	197.57	196.17	1.19	ppb
Thallium	205-1	200.41	202.44	202.90	201.92	0.65	ppb
Thorium	232-1	488.10	483.64	484.33	485.36	0.50	cps
Tin	118-1	536.35	538.28	539.05	537.89	0.26	ppb
Titanium	47-1	523.46	517.06	520.63	520.38	0.62	ppb
Uranium	238-1	502.22	510.91	514.61	509.25	1.25	ppb
Vanadium	51-2	92.45	94.16	92.32	92.98	1.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	189.98	194.50	191.01	191.83	1.24	ppb
Zirconium	90-1	515.67	523.47	520.92	520.02	0.76	ppb
Zirconium	91-1	506.13	516.27	516.27	512.89	1.14	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	15.44	19.68	18.40	13.96	ppb
Antimony	121-1	2.04	2.06	2.14	2.08	2.67	ppb
Arsenic	75-2	1.48	0.83	1.12	1.15	28.27	ppb
Barium	135-1	10.17	10.05	10.47	10.23	2.15	ppb
Barium	137-1	10.04	10.27	10.06	10.12	1.27	ppb
Beryllium	9-1	1.20	1.01	1.00	1.07	10.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	26.00	30.28	29.59	28.62	8.04	ppb
Boron	10-1	28.24	30.64	31.31	30.06	5.36	ppb
Cadmium	106-1	1.41	1.67	1.17	1.42	17.59	ppb
Cadmium	108-1	1.15	1.30	1.03	1.16	11.37	ppb
Cadmium	111-1	0.98	1.08	1.12	1.06	6.55	ppb
Calcium	43-1	454.65	433.95	506.47	465.02	8.03	ppb
Calcium	44-1	464.10	470.61	471.51	468.74	0.86	ppb
Chromium	52-2	2.35	2.04	2.14	2.18	7.18	ppb
Cobalt	59-2	0.93	0.99	0.96	0.96	3.05	ppb
Copper	63-2	2.00	1.85	2.02	1.96	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	52.26	49.33	54.54	52.04	5.02	ppb
Iron	57-2	60.80	46.21	59.04	55.35	14.40	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.04	1.08	1.04	3.99	ppb
Lead	207-1	0.92	0.98	1.00	0.97	4.39	ppb
Lead	208-1	0.99	1.01	1.03	1.01	2.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	485.09	490.92	519.16	498.39	3.66	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	0.87	0.85	0.86	1.03	ppb
Molybdenum	94-1	5.41	5.33	5.59	5.44	2.41	ppb
Molybdenum	95-1	5.22	5.11	5.01	5.11	2.12	ppb
Molybdenum	96-1	4.94	5.09	5.08	5.04	1.70	ppb
Molybdenum	97-1	4.98	5.07	5.03	5.03	0.94	ppb
Molybdenum	98-1	4.91	5.04	4.98	4.98	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.04	0.97	0.96	9.65	ppb
Phosphorus	31-2	0.61	-23.89	26.29	1.00	2500.68	ppb
Potassium	39-2	489.78	454.83	519.98	488.20	6.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	12.35	6.27	0.00	6.21	99.51	ppb
Selenium	78-2	6.57	3.69	10.83	7.03	51.12	ppb
Selenium	82-1	5.65	5.48	5.17	5.43	4.45	ppb
Silicon	28-1	9.50	12.33	11.32	11.05	13.00	ppb
Silver	109-1	1.06	1.08	1.08	1.07	1.33	ppb
Silver	107-1	1.07	1.02	1.08	1.06	2.92	ppb
Sodium	23-2	524.44	520.32	540.56	528.44	2.02	ppb
Strontium	86-1	0.89	0.91	0.99	0.93	5.86	ppb
Strontium	88-1	1.04	1.06	1.06	1.05	1.07	ppb
Sulfur	34-1	-159.71	58.12	74.36	-9.08		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.97	1.04	1.06	1.02	4.43	ppb
Thallium	205-1	1.01	1.03	1.03	1.02	1.09	ppb
Thorium	232-1	0.95	0.93	0.97	0.95	2.24	cps
Tin	118-1	5.07	5.02	5.26	5.12	2.43	ppb
Titanium	47-1	5.10	5.29	5.21	5.20	1.86	ppb
Uranium	238-1	0.94	0.94	1.00	0.96	3.25	ppb
Vanadium	51-2	4.75	4.95	5.03	4.91	2.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.37	2.29	2.12	2.26	5.59	ppb
Zirconium	90-1	1.18	1.16	1.14	1.16	1.60	ppb
Zirconium	91-1	1.20	1.10	1.27	1.19	7.22	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	-0.05	-0.12	0.33	219.02	ppb
Antimony	121-1	0.05	0.03	0.03	0.04	27.01	ppb
Arsenic	75-2	0.09	0.02	0.07	0.06	55.35	ppb
Barium	135-1	-0.02	-0.02	0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.08	0.04	0.06	34.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	7.41	5.91	5.39	6.24	16.83	ppb
Boron	10-1	5.50	4.71	6.44	5.55	15.61	ppb
Cadmium	106-1	0.66	0.88	0.20	0.58	59.90	ppb
Cadmium	108-1	-0.03	-0.07	-0.04	-0.05		ppb
Cadmium	111-1	0.05	0.06	0.01	0.04	66.79	ppb
Calcium	43-1	2.11	-8.00	0.12	-1.92		ppb
Calcium	44-1	2.63	2.23	0.45	1.77	65.50	ppb
Chromium	52-2	-0.09	0.01	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	62.38	ppb
Copper	63-2	-0.03	-0.03	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.24	0.36	0.28	0.29	20.53	ppb
Iron	57-2	-2.41	1.45	-0.10	-0.35		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	59.11	ppb
Lead	207-1	0.02	0.01	0.00	0.01	96.58	ppb
Lead	208-1	0.02	0.02	0.01	0.01	28.76	ppb
Lithium	6-1				99		%
Magnesium	24-2	-3.85	-6.03	-10.51	-6.79		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.27	-0.28	-0.03	-0.19		ppb
Molybdenum	94-1	0.12	0.11	0.07	0.10	28.28	ppb
Molybdenum	95-1	0.01	-0.02	0.02	0.00	472.42	ppb
Molybdenum	96-1	0.04	0.03	0.01	0.03	60.46	ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	94.23	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	74.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.06	-0.19	-0.16		ppb
Phosphorus	31-2	-23.89	-23.89	0.59	-15.73		ppb
Potassium	39-2	16.28	12.88	6.21	11.79	43.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	-1.32	-1.32	-0.99		ppb
Selenium	82-1	0.17	-0.25	-0.12	-0.07		ppb
Silicon	28-1	6.43	-3.60	-5.19	-0.79		ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.75	ppb
Silver	107-1	0.00	0.00	0.00	0.00	209.39	ppb
Sodium	23-2	30.07	33.65	29.16	30.96	7.67	ppb
Strontium	86-1	0.02	0.06	-0.07	0.00	2244.94	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	98.38	ppb
Sulfur	34-1	1637.52	381.35	294.65	771.17	97.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	24.41	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	29.06	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	9.91	cps
Tin	118-1	0.07	0.10	0.09	0.09	15.66	ppb
Titanium	47-1	0.02	-0.03	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00	2187.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.11	0.11	0.07	103.21	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	23.36	ppb
Zirconium	91-1	0.05	0.07	0.02	0.05	49.98	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89209.90	85660.69	86367.34	87079.31	2.16	ppb
Antimony	121-1	1.17	1.09	1.10	1.12	4.02	ppb
Arsenic	75-2	0.39	0.38	0.23	0.33	27.75	ppb
Barium	135-1	1.66	1.35	1.41	1.48	11.22	ppb
Barium	137-1	1.50	1.48	1.34	1.44	6.08	ppb
Beryllium	9-1	0.30	0.20	0.25	0.25	21.31	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	11-1	7.57	6.72	6.59	6.96	7.66	ppb
Boron	10-1	6.97	7.02	6.61	6.87	3.25	ppb
Cadmium	106-1	-0.04	-1.65	-0.64	-0.77		ppb
Cadmium	108-1	9.27	9.24	9.79	9.43	3.27	ppb
Cadmium	111-1	0.43	0.21	0.23	0.29	42.58	ppb
Calcium	43-1	104569.61	94737.26	92321.08	97209.32	6.67	ppb
Calcium	44-1	101674.48	92526.64	90724.83	94975.32	6.18	ppb
Chromium	52-2	19.99	18.97	19.03	19.33	2.98	ppb
Cobalt	59-2	1.16	1.09	1.05	1.10	5.20	ppb
Copper	63-2	7.42	7.53	7.56	7.50	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	99726.31	95399.32	96536.85	97220.83	2.31	ppb
Iron	57-2	97689.88	95090.88	95137.31	95972.69	1.55	ppb
Krypton	83-1						cps
Lead	206-1	5.23	4.94	4.69	4.96	5.40	ppb
Lead	207-1	4.48	4.19	4.04	4.24	5.21	ppb
Lead	208-1	4.81	4.47	4.32	4.54	5.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	100661.29	96692.51	97423.07	98258.96	2.15	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.67	6.79	6.57	7.01	8.29	ppb
Molybdenum	94-1	1478.18	1361.24	1329.11	1389.51	5.65	ppb
Molybdenum	95-1	2077.58	1919.73	1895.95	1964.42	5.03	ppb
Molybdenum	96-1	1993.06	1857.30	1820.77	1890.38	4.80	ppb
Molybdenum	97-1	2100.97	1941.78	1912.73	1985.16	5.10	ppb
Molybdenum	98-1	2071.47	1902.53	1879.84	1951.28	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.46	4.71	5.22	5.13	7.43	ppb
Phosphorus	31-2	99796.88	95541.42	96300.45	97212.92	2.33	ppb
Potassium	39-2	96251.34	92663.03	93394.62	94103.00	2.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	-1.32	-1.32	-0.95		ppb
Selenium	82-1	0.42	0.45	-0.02	0.28	91.45	ppb
Silicon	28-1	47.06	33.06	29.83	36.65	25.00	ppb
Silver	109-1	0.05	0.05	0.07	0.06	22.37	ppb
Silver	107-1	0.05	0.06	0.07	0.06	19.53	ppb
Sodium	23-2	98857.22	95361.90	96835.44	97018.18	1.81	ppb
Strontium	86-1	36.36	33.29	32.50	34.05	5.98	ppb
Strontium	88-1	35.93	33.42	32.86	34.07	4.81	ppb
Sulfur	34-1	95122.56	85292.01	82116.14	87510.24	7.75	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.09	0.07	0.08	18.75	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	6.88	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	12.32	cps
Tin	118-1	0.19	0.21	0.19	0.20	4.05	ppb
Titanium	47-1	2215.56	2008.15	1957.35	2060.36	6.64	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	19.20	ppb
Vanadium	51-2	0.12	0.12	0.14	0.13	7.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.54	11.54	10.19	11.09	7.05	ppb
Zirconium	90-1	0.75	0.59	0.44	0.59	26.21	ppb
Zirconium	91-1	0.77	0.59	0.51	0.63	21.57	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:49:43	DataFile Name :	017ICSB_P8082918 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87595.23	86839.00	87308.36	87247.53	0.44	ppb
Antimony	121-1	20.87	20.82	20.41	20.70	1.20	ppb
Arsenic	75-2	19.71	18.91	19.87	19.50	2.64	ppb
Barium	135-1	21.94	21.70	22.03	21.89	0.79	ppb
Barium	137-1	21.44	21.04	21.00	21.16	1.15	ppb
Beryllium	9-1	20.25	20.14	19.22	19.87	2.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	11-1	62.87	64.51	62.21	63.20	1.88	ppb
Boron	10-1	65.98	60.48	63.60	63.35	4.35	ppb
Cadmium	106-1	24.04	23.75	24.68	24.16	1.97	ppb
Cadmium	108-1	30.60	32.12	33.28	32.00	4.20	ppb
Cadmium	111-1	20.05	20.17	19.78	20.00	0.99	ppb
Calcium	43-1	96826.65	94525.60	92499.04	94617.10	2.29	ppb
Calcium	44-1	94098.31	92872.75	93077.50	93349.52	0.70	ppb
Chromium	52-2	38.80	39.44	39.08	39.11	0.81	ppb
Cobalt	59-2	20.91	20.97	20.91	20.93	0.16	ppb
Copper	63-2	27.29	26.93	27.22	27.15	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	97561.24	97644.32	97343.38	97516.31	0.16	ppb
Iron	57-2	96969.22	95740.60	96277.79	96329.21	0.64	ppb
Krypton	83-1						cps
Lead	206-1	25.40	24.98	25.43	25.27	0.99	ppb
Lead	207-1	22.94	22.99	23.04	22.99	0.23	ppb
Lead	208-1	24.02	23.85	24.13	24.00	0.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	98126.53	97821.56	97462.52	97803.54	0.34	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:49:43	DataFile Name :	017ICSB_P8082918 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.66	26.88	25.27	25.94	3.24	ppb
Molybdenum	94-1	1486.64	1482.58	1482.44	1483.89	0.16	ppb
Molybdenum	95-1	2002.04	1967.60	1986.29	1985.31	0.87	ppb
Molybdenum	96-1	1937.49	1913.87	1905.58	1918.98	0.86	ppb
Molybdenum	97-1	2040.73	1985.81	1998.59	2008.38	1.43	ppb
Molybdenum	98-1	2010.66	1976.84	1972.79	1986.76	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.57	24.06	25.03	24.55	1.99	ppb
Phosphorus	31-2	96581.69	96718.48	96172.95	96491.04	0.29	ppb
Potassium	39-2	94646.58	94551.82	94370.36	94522.92	0.15	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	20.36	20.47	6.81	15.88	49.47	ppb
Selenium	78-2	20.37	27.02	18.28	21.89	20.87	ppb
Selenium	82-1	19.07	20.12	19.72	19.64	2.70	ppb
Silicon	28-1	99.71	97.71	98.29	98.57	1.05	ppb
Silver	109-1	18.50	18.91	18.59	18.67	1.16	ppb
Silver	107-1	18.73	18.60	18.54	18.62	0.52	ppb
Sodium	23-2	98052.28	96391.53	97145.30	97196.37	0.86	ppb
Strontium	86-1	89.03	86.20	87.56	87.60	1.61	ppb
Strontium	88-1	91.14	90.81	90.98	90.98	0.18	ppb
Sulfur	34-1	85230.28	84143.94	84180.76	84518.33	0.73	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	20.38	20.35	20.36	20.36	0.07	ppb
Thallium	205-1	20.16	20.57	20.55	20.43	1.14	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	5.65	cps
Tin	118-1	55.53	56.13	55.27	55.64	0.79	ppb
Titanium	47-1	2070.41	2066.35	2089.25	2075.33	0.59	ppb
Uranium	238-1	56.78	57.17	57.19	57.05	0.41	ppb
Vanadium	51-2	20.49	19.67	20.05	20.07	2.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:49:43	DataFile Name :	017ICSB_P8082918 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.98	29.75	31.18	30.30	2.53	ppb
Zirconium	90-1	55.62	55.07	55.59	55.43	0.56	ppb
Zirconium	91-1	54.08	54.62	54.02	54.24	0.61	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51194.98	52226.36	51338.66	51586.67	1.08	ppb
Antimony	121-1	512.74	520.74	505.17	512.88	1.52	ppb
Arsenic	75-2	507.05	487.36	502.81	499.07	2.08	ppb
Barium	135-1	2559.71	2585.21	2526.90	2557.27	1.14	ppb
Barium	137-1	2573.44	2530.56	2519.32	2541.11	1.12	ppb
Beryllium	9-1	514.31	518.16	496.45	509.64	2.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	517.23	534.35	515.20	522.26	2.01	ppb
Boron	10-1	526.25	546.08	534.94	535.76	1.86	ppb
Cadmium	106-1	512.19	508.74	499.96	506.96	1.24	ppb
Cadmium	108-1	505.64	505.01	495.96	502.20	1.08	ppb
Cadmium	111-1	497.94	499.76	491.05	496.25	0.93	ppb
Calcium	43-1	241967.41	243982.80	235724.10	240558.10	1.79	ppb
Calcium	44-1	239302.68	241124.32	238973.76	239800.25	0.48	ppb
Chromium	52-2	519.18	517.88	517.00	518.02	0.21	ppb
Cobalt	59-2	494.98	491.81	487.77	491.52	0.74	ppb
Copper	63-2	949.70	943.95	939.70	944.45	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	124819.15	124452.15	124002.23	124424.51	0.33	ppb
Iron	57-2	126374.80	124864.14	124552.20	125263.71	0.78	ppb
Krypton	83-1						cps
Lead	206-1	532.25	518.80	524.31	525.12	1.29	ppb
Lead	207-1	530.91	519.66	525.69	525.42	1.07	ppb
Lead	208-1	528.87	517.02	523.98	523.29	1.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	247931.41	249851.98	247784.62	248522.67	0.46	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.17	1005.64	991.26	1000.02	0.77	ppb
Molybdenum	94-1	2578.86	2575.45	2564.13	2572.81	0.30	ppb
Molybdenum	95-1	2571.85	2525.00	2528.29	2541.72	1.03	ppb
Molybdenum	96-1	2581.01	2571.77	2529.41	2560.73	1.07	ppb
Molybdenum	97-1	2569.71	2538.25	2559.43	2555.80	0.63	ppb
Molybdenum	98-1	2574.71	2543.54	2532.44	2550.23	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.14	494.22	495.19	495.85	0.41	ppb
Phosphorus	31-2	10734.31	9637.01	10616.81	10329.38	5.83	ppb
Potassium	39-2	122331.66	125146.08	122889.30	123455.68	1.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	512.13	574.73	450.03	512.30	12.17	ppb
Selenium	78-2	518.55	490.39	489.41	499.45	3.31	ppb
Selenium	82-1	514.47	508.92	508.78	510.73	0.63	ppb
Silicon	28-1	591.16	613.24	600.39	601.60	1.84	ppb
Silver	109-1	490.36	491.95	483.63	488.64	0.90	ppb
Silver	107-1	486.81	491.07	483.79	487.23	0.75	ppb
Sodium	23-2	249676.28	251885.37	248193.10	249918.25	0.74	ppb
Strontium	86-1	512.86	506.09	510.46	509.81	0.67	ppb
Strontium	88-1	515.91	513.46	511.41	513.59	0.44	ppb
Sulfur	34-1	9864.08	10285.07	9667.81	9938.99	3.17	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	526.87	512.18	513.99	517.68	1.55	ppb
Thallium	205-1	523.16	510.63	508.09	513.96	1.57	ppb
Thorium	232-1	486.78	484.84	485.81	485.81	0.20	cps
Tin	118-1	511.71	515.98	513.19	513.63	0.42	ppb
Titanium	47-1	2570.12	2587.66	2554.98	2570.92	0.64	ppb
Uranium	238-1	538.26	527.49	525.64	530.46	1.28	ppb
Vanadium	51-2	503.34	504.96	505.59	504.63	0.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	947.81	966.57	952.15	955.51	1.03	ppb
Zirconium	90-1	521.60	513.03	514.20	516.28	0.90	ppb
Zirconium	91-1	516.91	510.75	508.19	511.95	0.88	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.26	25.04	23.88	22.73	13.45	ppb
Antimony	121-1	2.03	2.08	2.06	2.06	1.23	ppb
Arsenic	75-2	1.49	0.97	0.88	1.11	29.64	ppb
Barium	135-1	9.39	9.85	10.05	9.76	3.44	ppb
Barium	137-1	9.91	10.09	9.85	9.95	1.25	ppb
Beryllium	9-1	1.14	1.00	0.96	1.03	9.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	24.56	26.50	27.39	26.15	5.54	ppb
Boron	10-1	25.40	26.97	26.90	26.42	3.34	ppb
Cadmium	106-1	1.36	1.33	2.04	1.58	25.45	ppb
Cadmium	108-1	0.86	1.22	0.91	1.00	19.48	ppb
Cadmium	111-1	1.03	1.05	1.11	1.06	3.72	ppb
Calcium	43-1	462.50	452.13	474.20	462.94	2.39	ppb
Calcium	44-1	456.72	445.77	463.42	455.30	1.96	ppb
Chromium	52-2	2.03	2.12	1.97	2.04	3.66	ppb
Cobalt	59-2	0.99	0.94	1.07	1.00	6.07	ppb
Copper	63-2	1.84	1.96	1.92	1.91	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	50.30	49.99	48.00	49.43	2.53	ppb
Iron	57-2	44.89	53.55	59.16	52.53	13.69	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.98	1.02	0.98	3.51	ppb
Lead	207-1	0.94	1.03	1.13	1.03	8.84	ppb
Lead	208-1	0.99	1.00	1.05	1.01	3.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	479.61	506.36	478.37	488.12	3.24	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.60	0.88	0.71	21.01	ppb
Molybdenum	94-1	4.82	4.95	5.24	5.00	4.27	ppb
Molybdenum	95-1	4.89	4.88	4.86	4.88	0.34	ppb
Molybdenum	96-1	4.83	4.97	5.07	4.96	2.46	ppb
Molybdenum	97-1	4.89	4.94	4.86	4.90	0.76	ppb
Molybdenum	98-1	4.94	4.75	5.06	4.92	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.10	0.79	0.94	16.53	ppb
Phosphorus	31-2	72.53	0.64	-0.02	24.38	170.99	ppb
Potassium	39-2	507.27	523.75	473.63	501.55	5.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	12.44	6.26	6.26	8.32	42.89	ppb
Selenium	78-2	6.62	3.68	5.68	5.33	28.21	ppb
Selenium	82-1	4.07	4.83	4.54	4.48	8.53	ppb
Silicon	28-1	12.79	10.43	14.94	12.72	17.74	ppb
Silver	109-1	1.09	1.00	1.09	1.06	5.17	ppb
Silver	107-1	0.98	1.04	1.04	1.02	3.49	ppb
Sodium	23-2	511.81	548.95	533.66	531.47	3.51	ppb
Strontium	86-1	1.10	0.95	0.99	1.01	7.48	ppb
Strontium	88-1	0.95	0.97	0.99	0.97	2.19	ppb
Sulfur	34-1	350.52	-54.90	614.12	303.25	111.13	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.00	1.01	0.97	0.99	2.27	ppb
Thallium	205-1	0.99	0.99	1.01	0.99	1.26	ppb
Thorium	232-1	0.86	0.83	0.91	0.87	4.27	cps
Tin	118-1	4.91	4.96	5.23	5.03	3.44	ppb
Titanium	47-1	4.83	4.93	5.07	4.94	2.49	ppb
Uranium	238-1	0.91	0.93	1.00	0.95	5.25	ppb
Vanadium	51-2	4.70	5.07	4.70	4.82	4.41	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.10	2.23	1.76	2.03	11.88	ppb
Zirconium	90-1	1.10	1.06	1.10	1.09	2.14	ppb
Zirconium	91-1	1.14	1.01	1.15	1.10	7.18	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.11	2.01	2.55	2.22	12.96	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	11.82	ppb
Arsenic	75-2	0.03	0.02	0.07	0.04	62.76	ppb
Barium	135-1	-0.02	-0.02	-0.04	-0.03		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	51.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	11-1	4.51	4.51	4.77	4.60	3.29	ppb
Boron	10-1	5.18	5.55	5.75	5.49	5.30	ppb
Cadmium	106-1	0.48	-0.52	-0.18	-0.07		ppb
Cadmium	108-1	0.00	0.00	0.18	0.06	177.98	ppb
Cadmium	111-1	0.03	-0.04	-0.02	-0.01		ppb
Calcium	43-1	2.85	0.04	5.71	2.87	98.97	ppb
Calcium	44-1	-0.02	-3.22	1.41	-0.61		ppb
Chromium	52-2	0.01	-0.05	-0.01	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	36.83	ppb
Copper	63-2	0.00	-0.04	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.61	0.54	0.41	0.52	19.66	ppb
Iron	57-2	-1.22	-0.18	-0.11	-0.50		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.02	27.25	ppb
Lead	207-1	0.02	0.01	0.03	0.02	39.27	ppb
Lead	208-1	0.01	0.02	0.02	0.02	24.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.07	-5.20	2.90	-0.79		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.19	-0.32	-0.25	-0.25		ppb
Molybdenum	94-1	0.11	0.05	0.07	0.08	41.50	ppb
Molybdenum	95-1	0.03	0.05	0.02	0.04	47.42	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	53.01	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	29.35	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	20.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.18	-0.31	-0.15		ppb
Phosphorus	31-2	-23.89	0.01	-23.89	-15.92		ppb
Potassium	39-2	30.64	19.71	18.11	22.82	29.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	0.00	6.24	0.00	2.08	173.21	ppb
Selenium	78-2	-1.32	-0.33	-1.32	-0.99		ppb
Selenium	82-1	-0.02	-0.27	0.51	0.07	550.90	ppb
Silicon	28-1	-4.07	-4.91	-5.17	-4.72		ppb
Silver	109-1	0.01	0.00	0.00	0.01	65.19	ppb
Silver	107-1	0.01	0.00	0.01	0.01	54.38	ppb
Sodium	23-2	57.10	34.08	46.26	45.81	25.14	ppb
Strontium	86-1	-0.06	-0.11	-0.01	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	391.99	246.92	94.79	244.56	60.77	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.21	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	16.17	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	19.62	cps
Tin	118-1	0.03	0.08	0.06	0.06	43.98	ppb
Titanium	47-1	-0.05	-0.08	-0.04	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.10	0.14	0.03	409.07	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	43.93	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	24.97	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.42	15.16	22.74	18.11	22.44	ppb
Antimony	121-1	2.09	1.99	2.00	2.03	2.80	ppb
Arsenic	75-2	1.12	1.17	1.03	1.11	6.47	ppb
Barium	135-1	10.05	10.18	10.07	10.10	0.65	ppb
Barium	137-1	10.06	9.55	9.84	9.81	2.61	ppb
Beryllium	9-1	1.12	1.00	1.00	1.04	6.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	24.85	26.05	26.38	25.76	3.13	ppb
Boron	10-1	25.76	26.26	28.28	26.76	4.98	ppb
Cadmium	106-1	1.22	2.01	-0.41	0.94	130.98	ppb
Cadmium	108-1	1.32	1.28	0.71	1.10	31.25	ppb
Cadmium	111-1	1.12	1.02	0.92	1.02	9.71	ppb
Calcium	43-1	486.62	425.65	432.00	448.09	7.48	ppb
Calcium	44-1	465.87	452.29	455.71	457.96	1.54	ppb
Chromium	52-2	2.50	2.01	2.08	2.20	12.09	ppb
Cobalt	59-2	1.01	0.91	1.00	0.97	5.41	ppb
Copper	63-2	1.97	1.98	1.99	1.98	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	53.06	49.53	50.64	51.08	3.53	ppb
Iron	57-2	47.51	47.64	51.00	48.72	4.06	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.01	0.94	1.00	4.88	ppb
Lead	207-1	0.99	0.95	0.97	0.97	1.99	ppb
Lead	208-1	0.99	0.98	0.97	0.98	1.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	508.11	479.48	468.84	485.48	4.18	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.56	0.94	1.23	1.25	24.78	ppb
Molybdenum	94-1	4.88	4.98	5.05	4.97	1.78	ppb
Molybdenum	95-1	4.97	4.76	4.82	4.85	2.20	ppb
Molybdenum	96-1	4.99	4.76	4.81	4.85	2.43	ppb
Molybdenum	97-1	4.81	4.95	4.74	4.83	2.23	ppb
Molybdenum	98-1	4.82	4.71	4.81	4.78	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.01	0.85	0.93	8.43	ppb
Phosphorus	31-2	1.75	0.02	-23.89	-7.37		ppb
Potassium	39-2	560.86	459.42	506.72	509.00	9.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	4.63	2.64	2.33	105.51	ppb
Selenium	82-1	5.08	5.33	4.28	4.90	11.19	ppb
Silicon	28-1	14.56	12.51	12.40	13.15	9.25	ppb
Silver	109-1	1.01	1.09	1.06	1.06	3.80	ppb
Silver	107-1	1.05	0.95	1.02	1.01	4.88	ppb
Sodium	23-2	572.07	524.90	515.68	537.55	5.63	ppb
Strontium	86-1	0.96	0.99	1.17	1.04	10.74	ppb
Strontium	88-1	1.01	0.99	1.02	1.01	1.32	ppb
Sulfur	34-1	486.28	124.07	-10.49	199.95	128.50	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.97	0.99	0.96	0.97	1.55	ppb
Thallium	205-1	0.95	0.98	1.01	0.98	2.95	ppb
Thorium	232-1	0.83	0.90	0.86	0.86	4.20	cps
Tin	118-1	5.22	5.15	5.19	5.19	0.68	ppb
Titanium	47-1	4.62	4.80	4.82	4.75	2.28	ppb
Uranium	238-1	1.01	1.04	1.04	1.03	1.59	ppb
Vanadium	51-2	5.08	4.71	4.69	4.83	4.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.52	1.91	2.04	2.15	14.87	ppb
Zirconium	90-1	1.02	1.04	1.01	1.02	1.43	ppb
Zirconium	91-1	0.96	1.09	1.01	1.02	6.76	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:47:48 DataFile Name : 024SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.95	7.60	2.28	5.28	51.59	ppb
Antimony	121-1	0.23	0.21	0.27	0.24	11.07	ppb
Arsenic	75-2	0.28	0.29	0.27	0.28	3.36	ppb
Barium	135-1	1.10	1.32	1.27	1.23	9.26	ppb
Barium	137-1	1.25	1.26	1.30	1.27	2.12	ppb
Beryllium	9-1	0.24	0.30	0.29	0.28	12.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	11-1	4.14	4.38	4.95	4.49	9.29	ppb
Boron	10-1	4.70	4.45	3.78	4.31	11.03	ppb
Cadmium	106-1	-0.41	0.49	-0.57	-0.16		ppb
Cadmium	108-1	0.28	0.25	0.31	0.28	11.76	ppb
Cadmium	111-1	0.20	0.29	0.22	0.23	20.20	ppb
Calcium	43-1	15.75	23.22	20.00	19.66	19.08	ppb
Calcium	44-1	20.54	21.82	19.44	20.60	5.80	ppb
Chromium	52-2	0.32	0.22	0.24	0.26	19.73	ppb
Cobalt	59-2	0.29	0.23	0.25	0.26	12.53	ppb
Copper	63-2	0.55	0.40	0.37	0.44	22.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	15.14	12.09	11.73	12.99	14.45	ppb
Iron	57-2	12.22	11.27	9.17	10.89	14.35	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.26	0.25	3.78	ppb
Lead	207-1	0.25	0.27	0.22	0.24	9.60	ppb
Lead	208-1	0.23	0.25	0.25	0.24	4.31	ppb
Lithium	6-1				106		%
Magnesium	24-2	26.20	16.32	20.14	20.88	23.87	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:47:48 DataFile Name : 024SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	0.37	0.57	0.67	53.92	ppb
Molybdenum	94-1	1.15	1.27	1.14	1.19	6.03	ppb
Molybdenum	95-1	1.20	1.19	1.13	1.17	3.48	ppb
Molybdenum	96-1	1.17	1.23	1.18	1.19	2.47	ppb
Molybdenum	97-1	1.26	1.16	1.32	1.24	6.63	ppb
Molybdenum	98-1	1.15	1.20	1.18	1.18	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	-0.03	0.02	228.49	ppb
Phosphorus	31-2	-23.89	23.43	-23.89	-8.12		ppb
Potassium	39-2	75.92	41.79	34.80	50.84	43.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	12.38	4.13	173.21	ppb
Selenium	78-2	3.12	1.61	3.62	2.78	37.62	ppb
Selenium	82-1	2.88	2.30	1.76	2.31	24.22	ppb
Silicon	28-1	-5.80	-4.23	-6.16	-5.40		ppb
Silver	109-1	0.26	0.29	0.29	0.28	6.50	ppb
Silver	107-1	0.23	0.24	0.29	0.26	12.45	ppb
Sodium	23-2	84.03	63.13	59.17	68.78	19.42	ppb
Strontium	86-1	0.15	0.14	0.26	0.18	37.24	ppb
Strontium	88-1	0.24	0.25	0.24	0.24	2.10	ppb
Sulfur	34-1	212.34	307.90	142.57	220.94	37.57	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.30	0.24	0.27	11.53	ppb
Thallium	205-1	0.24	0.27	0.24	0.25	7.01	ppb
Thorium	232-1	0.21	0.20	0.21	0.21	2.54	cps
Tin	118-1	0.18	0.27	0.23	0.23	18.40	ppb
Titanium	47-1	1.07	1.06	1.19	1.11	6.71	ppb
Uranium	238-1	0.32	0.35	0.33	0.33	3.68	ppb
Vanadium	51-2	0.27	0.24	0.31	0.27	13.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:47:48	DataFile Name :	024SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.29	0.47	0.47	0.41	25.89	ppb
Zirconium	90-1	0.21	0.22	0.21	0.21	3.74	ppb
Zirconium	91-1	0.20	0.24	0.24	0.23	10.49	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT3-2018 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:51:11 DataFile Name : 025SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.01	35.87	42.93	40.60	10.09	ppb
Antimony	121-1	4.00	4.00	4.11	4.04	1.58	ppb
Arsenic	75-2	1.65	2.28	2.05	1.99	16.08	ppb
Barium	135-1	19.93	19.58	20.16	19.89	1.45	ppb
Barium	137-1	19.81	19.53	19.64	19.66	0.72	ppb
Beryllium	9-1	2.11	2.03	2.08	2.07	1.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	47.28	46.93	48.98	47.73	2.30	ppb
Boron	10-1	46.24	53.76	50.21	50.07	7.52	ppb
Cadmium	106-1	2.79	3.89	1.95	2.88	33.83	ppb
Cadmium	108-1	2.16	2.49	2.11	2.25	9.24	ppb
Cadmium	111-1	2.11	2.04	2.09	2.08	1.74	ppb
Calcium	43-1	943.38	856.04	903.40	900.94	4.85	ppb
Calcium	44-1	912.90	897.56	919.53	910.00	1.24	ppb
Chromium	52-2	3.95	4.00	4.25	4.07	3.98	ppb
Cobalt	59-2	1.96	1.94	1.95	1.95	0.60	ppb
Copper	63-2	3.77	3.84	4.01	3.87	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	99.01	98.88	97.31	98.40	0.96	ppb
Iron	57-2	111.34	101.32	82.01	98.22	15.18	ppb
Krypton	83-1						cps
Lead	206-1	1.96	1.93	1.99	1.96	1.62	ppb
Lead	207-1	1.97	1.92	2.04	1.98	2.92	ppb
Lead	208-1	1.99	1.94	1.99	1.97	1.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	953.74	984.43	976.11	971.42	1.63	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:51:11	DataFile Name :	025SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.94	2.02	2.14	2.03	5.04	ppb
Molybdenum	94-1	10.06	9.80	9.72	9.86	1.78	ppb
Molybdenum	95-1	9.75	9.62	9.71	9.69	0.65	ppb
Molybdenum	96-1	9.84	9.73	9.65	9.74	0.98	ppb
Molybdenum	97-1	9.70	9.57	9.75	9.68	0.95	ppb
Molybdenum	98-1	9.97	9.55	9.54	9.69	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.68	1.92	1.84	7.48	ppb
Phosphorus	31-2	-23.89	-0.17	47.46	7.80	465.77	ppb
Potassium	39-2	975.48	1030.30	968.23	991.34	3.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	24.16	6.12	36.31	22.20	68.44	ppb
Selenium	78-2	13.16	12.38	4.48	10.00	48.00	ppb
Selenium	82-1	10.46	9.51	10.04	10.00	4.77	ppb
Silicon	28-1	27.52	27.37	28.70	27.86	2.62	ppb
Silver	109-1	2.08	1.99	2.04	2.04	2.34	ppb
Silver	107-1	2.12	2.01	2.06	2.06	2.85	ppb
Sodium	23-2	1010.93	1015.00	1015.72	1013.89	0.25	ppb
Strontium	86-1	1.88	1.78	2.04	1.90	6.86	ppb
Strontium	88-1	2.02	1.97	2.00	2.00	1.21	ppb
Sulfur	34-1	499.44	373.47	528.59	467.17	17.65	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1.97	1.89	1.90	1.92	2.48	ppb
Thallium	205-1	2.00	1.96	1.98	1.98	1.05	ppb
Thorium	232-1	1.78	1.72	1.68	1.73	2.99	cps
Tin	118-1	10.04	9.96	10.09	10.03	0.67	ppb
Titanium	47-1	9.94	9.99	10.16	10.03	1.13	ppb
Uranium	238-1	1.96	1.97	1.99	1.97	0.89	ppb
Vanadium	51-2	9.58	10.31	8.99	9.63	6.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:51:11	DataFile Name :	025SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.36	4.40	4.17	4.31	2.94	ppb
Zirconium	90-1	2.14	2.00	2.02	2.05	3.83	ppb
Zirconium	91-1	2.05	1.89	1.94	1.96	4.28	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.91	5.78	4.01	3.90	49.62	ppb
Antimony	121-1	0.23	0.27	0.25	0.25	8.04	ppb
Arsenic	75-2	0.18	0.29	0.29	0.25	25.61	ppb
Barium	135-1	1.28	1.23	1.22	1.24	2.41	ppb
Barium	137-1	1.24	1.35	1.29	1.29	3.98	ppb
Beryllium	9-1	0.27	0.27	0.19	0.24	19.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	5.83	5.87	6.16	5.95	3.09	ppb
Boron	10-1	8.07	6.74	5.48	6.76	19.11	ppb
Cadmium	106-1	0.63	-0.50	0.49	0.21	295.66	ppb
Cadmium	108-1	0.20	0.18	0.21	0.20	8.89	ppb
Cadmium	111-1	0.29	0.22	0.28	0.26	15.63	ppb
Calcium	43-1	22.13	25.63	25.96	24.57	8.65	ppb
Calcium	44-1	17.64	24.60	21.25	21.16	16.45	ppb
Chromium	52-2	0.12	0.22	0.15	0.16	32.12	ppb
Cobalt	59-2	0.26	0.21	0.24	0.24	9.55	ppb
Copper	63-2	0.42	0.44	0.43	0.43	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	12.12	11.49	11.18	11.60	4.10	ppb
Iron	57-2	12.39	12.86	10.55	11.93	10.20	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.28	0.26	0.27	5.13	ppb
Lead	207-1	0.21	0.24	0.27	0.24	12.60	ppb
Lead	208-1	0.25	0.27	0.26	0.26	5.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	17.64	13.12	13.12	14.62	17.86	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.37	0.75	0.51	0.54	34.66	ppb
Molybdenum	94-1	1.15	1.14	1.16	1.15	1.02	ppb
Molybdenum	95-1	1.19	1.21	1.16	1.19	2.45	ppb
Molybdenum	96-1	1.21	1.26	1.24	1.24	2.21	ppb
Molybdenum	97-1	1.21	1.25	1.16	1.21	3.85	ppb
Molybdenum	98-1	1.17	1.15	1.33	1.22	7.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.13	0.02	-0.03		ppb
Phosphorus	31-2	-23.89	-0.50	-23.89	-16.09		ppb
Potassium	39-2	40.34	21.69	18.97	27.00	43.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	6.07	0.00	0.00	2.02	173.21	ppb
Selenium	78-2	2.56	3.52	3.55	3.21	17.56	ppb
Selenium	82-1	1.85	2.34	2.09	2.09	11.77	ppb
Silicon	28-1	-6.42	-2.32	-3.95	-4.23		ppb
Silver	109-1	0.25	0.29	0.27	0.27	7.80	ppb
Silver	107-1	0.24	0.26	0.28	0.26	7.95	ppb
Sodium	23-2	52.40	57.06	56.22	55.23	4.50	ppb
Strontium	86-1	0.16	0.24	0.27	0.22	26.02	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	2.14	ppb
Sulfur	34-1	218.02	677.03	627.20	507.42	49.64	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.26	0.25	0.25	2.06	ppb
Thallium	205-1	0.25	0.28	0.24	0.26	7.94	ppb
Thorium	232-1	0.22	0.24	0.26	0.24	7.66	cps
Tin	118-1	0.21	0.31	0.22	0.25	22.15	ppb
Titanium	47-1	1.09	1.34	1.04	1.16	13.73	ppb
Uranium	238-1	0.34	0.34	0.35	0.34	2.06	ppb
Vanadium	51-2	0.28	0.24	0.22	0.24	13.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.59	0.49	0.61	0.56	12.00	ppb
Zirconium	90-1	0.20	0.22	0.24	0.22	8.09	ppb
Zirconium	91-1	0.25	0.14	0.22	0.20	28.13	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:57:56 DataFile Name : 027SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.66	5.12	7.24	5.34	33.67	ppb
Antimony	121-1	0.24	0.29	0.29	0.27	10.13	ppb
Arsenic	75-2	0.16	0.35	0.25	0.25	37.85	ppb
Barium	135-1	1.17	1.08	1.25	1.17	7.26	ppb
Barium	137-1	1.21	1.23	1.21	1.21	0.87	ppb
Beryllium	9-1	0.34	0.29	0.33	0.32	8.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	4.35	4.57	4.89	4.60	5.91	ppb
Boron	10-1	4.00	5.94	5.15	5.03	19.43	ppb
Cadmium	106-1	-0.06	0.14	0.62	0.23	150.01	ppb
Cadmium	108-1	0.45	0.31	0.24	0.34	31.68	ppb
Cadmium	111-1	0.23	0.22	0.29	0.25	16.09	ppb
Calcium	43-1	24.04	22.61	24.44	23.69	4.05	ppb
Calcium	44-1	20.11	18.30	16.14	18.18	10.93	ppb
Chromium	52-2	0.18	0.07	0.12	0.12	43.24	ppb
Cobalt	59-2	0.21	0.23	0.23	0.22	6.42	ppb
Copper	63-2	0.50	0.43	0.44	0.46	7.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	12.03	13.04	13.10	12.72	4.73	ppb
Iron	57-2	8.55	10.62	6.05	8.41	27.26	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.27	0.23	0.25	6.69	ppb
Lead	207-1	0.23	0.26	0.24	0.24	5.60	ppb
Lead	208-1	0.24	0.25	0.25	0.24	2.62	ppb
Lithium	6-1				106		%
Magnesium	24-2	22.57	18.27	15.72	18.85	18.38	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:57:56 DataFile Name : 027SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.69	0.39	0.28	0.45	46.28	ppb
Molybdenum	94-1	1.19	1.25	1.22	1.22	2.73	ppb
Molybdenum	95-1	1.21	1.12	1.23	1.19	4.86	ppb
Molybdenum	96-1	1.22	1.19	1.19	1.20	1.44	ppb
Molybdenum	97-1	1.20	1.13	1.18	1.17	3.16	ppb
Molybdenum	98-1	1.23	1.14	1.16	1.18	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.08	0.04	75.50	ppb
Phosphorus	31-2	-0.37	-23.89	-0.05	-8.10		ppb
Potassium	39-2	5.92	35.53	4.70	15.38	113.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.00	6.25	0.00	2.08	173.21	ppb
Selenium	78-2	1.60	2.68	-0.34	1.31	116.52	ppb
Selenium	82-1	2.57	2.72	2.43	2.57	5.60	ppb
Silicon	28-1	-4.60	-3.04	-5.68	-4.44		ppb
Silver	109-1	0.27	0.27	0.27	0.27	1.73	ppb
Silver	107-1	0.30	0.24	0.29	0.28	11.38	ppb
Sodium	23-2	58.59	61.83	57.10	59.17	4.08	ppb
Strontium	86-1	0.22	0.29	0.13	0.21	37.64	ppb
Strontium	88-1	0.26	0.25	0.25	0.25	3.09	ppb
Sulfur	34-1	231.93	664.62	154.15	350.24	78.53	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.29	0.29	0.28	7.38	ppb
Thallium	205-1	0.25	0.25	0.26	0.26	3.32	ppb
Thorium	232-1	0.22	0.21	0.23	0.22	3.21	cps
Tin	118-1	0.25	0.24	0.23	0.24	5.05	ppb
Titanium	47-1	1.39	1.14	1.05	1.19	14.89	ppb
Uranium	238-1	0.32	0.34	0.34	0.33	3.50	ppb
Vanadium	51-2	0.19	0.16	0.18	0.18	7.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:57:56	DataFile Name :	027SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.68	0.38	0.56	0.54	28.26	ppb
Zirconium	90-1	0.22	0.23	0.22	0.22	2.49	ppb
Zirconium	91-1	0.23	0.24	0.23	0.23	3.45	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:01:19 DataFile Name : 028SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.31	36.82	35.12	38.75	12.61	ppb
Antimony	121-1	4.10	3.86	4.12	4.03	3.64	ppb
Arsenic	75-2	2.01	1.82	2.11	1.98	7.34	ppb
Barium	135-1	20.08	20.05	19.62	19.92	1.29	ppb
Barium	137-1	20.46	19.89	19.95	20.10	1.57	ppb
Beryllium	9-1	2.20	1.97	2.08	2.08	5.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	11-1	48.47	48.88	49.79	49.05	1.37	ppb
Boron	10-1	45.09	46.31	53.00	48.13	8.85	ppb
Cadmium	106-1	1.23	2.64	2.23	2.04	35.66	ppb
Cadmium	108-1	2.16	2.60	1.82	2.19	17.89	ppb
Cadmium	111-1	1.98	1.97	2.05	2.00	2.14	ppb
Calcium	43-1	903.18	900.86	904.99	903.01	0.23	ppb
Calcium	44-1	923.77	921.02	902.47	915.75	1.27	ppb
Chromium	52-2	4.69	4.17	4.20	4.35	6.70	ppb
Cobalt	59-2	2.24	2.01	2.06	2.11	5.75	ppb
Copper	63-2	4.41	3.95	4.15	4.17	5.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	110.04	101.70	103.38	105.04	4.20	ppb
Iron	57-2	107.52	98.42	100.98	102.30	4.59	ppb
Krypton	83-1						cps
Lead	206-1	2.00	2.00	2.03	2.01	1.10	ppb
Lead	207-1	2.03	1.88	1.92	1.94	4.03	ppb
Lead	208-1	1.99	1.93	1.97	1.96	1.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	1085.77	989.23	1003.07	1026.02	5.09	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:01:19	DataFile Name :	028SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.65	1.96	2.08	2.23	16.41	ppb
Molybdenum	94-1	9.91	10.45	10.14	10.17	2.69	ppb
Molybdenum	95-1	9.36	9.40	9.61	9.46	1.43	ppb
Molybdenum	96-1	9.93	9.66	9.66	9.75	1.63	ppb
Molybdenum	97-1	9.78	9.56	9.33	9.55	2.36	ppb
Molybdenum	98-1	9.76	9.84	9.61	9.74	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.05	1.91	2.09	9.84	ppb
Phosphorus	31-2	-23.89	-23.89	-23.89	-23.89		ppb
Potassium	39-2	1098.36	1064.16	1100.60	1087.71	1.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	0.00	30.52	24.58	18.36	88.10	ppb
Selenium	78-2	16.73	5.50	7.52	9.92	60.40	ppb
Selenium	82-1	10.74	10.47	9.28	10.16	7.64	ppb
Silicon	28-1	31.04	27.49	27.23	28.59	7.45	ppb
Silver	109-1	2.13	2.13	2.07	2.11	1.66	ppb
Silver	107-1	2.10	2.04	2.06	2.07	1.50	ppb
Sodium	23-2	1135.81	1036.79	1063.62	1078.74	4.75	ppb
Strontium	86-1	2.10	2.02	1.96	2.02	3.45	ppb
Strontium	88-1	2.07	2.03	1.97	2.02	2.26	ppb
Sulfur	34-1	585.38	443.99	365.57	464.98	23.96	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	2.07	1.92	1.99	2.00	3.80	ppb
Thallium	205-1	1.99	1.92	2.05	1.99	3.37	ppb
Thorium	232-1	1.76	1.78	1.77	1.77	0.49	cps
Tin	118-1	10.08	9.97	9.99	10.01	0.58	ppb
Titanium	47-1	9.83	9.51	9.65	9.66	1.71	ppb
Uranium	238-1	1.96	2.00	1.98	1.98	0.94	ppb
Vanadium	51-2	10.95	9.36	10.25	10.18	7.83	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:01:19	DataFile Name :	028SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.65	3.06	4.43	3.71	18.55	ppb
Zirconium	90-1	2.01	2.06	1.97	2.01	2.23	ppb
Zirconium	91-1	2.04	2.09	1.96	2.03	3.29	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:04:41	DataFile Name :	029SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.99	4.14	4.49	4.54	9.37	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	0.54	ppb
Arsenic	75-2	0.17	0.22	0.13	0.17	25.48	ppb
Barium	135-1	1.16	1.25	1.32	1.24	6.17	ppb
Barium	137-1	1.13	1.32	1.36	1.27	9.80	ppb
Beryllium	9-1	0.31	0.25	0.26	0.28	12.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	5.88	5.84	5.29	5.67	5.79	ppb
Boron	10-1	4.85	6.03	5.13	5.33	11.53	ppb
Cadmium	106-1	1.50	0.88	1.42	1.27	26.56	ppb
Cadmium	108-1	0.20	0.42	0.28	0.30	35.96	ppb
Cadmium	111-1	0.33	0.30	0.37	0.33	10.32	ppb
Calcium	43-1	20.07	18.53	22.68	20.43	10.27	ppb
Calcium	44-1	19.61	23.58	21.50	21.57	9.22	ppb
Chromium	52-2	0.24	0.15	0.22	0.21	23.34	ppb
Cobalt	59-2	0.24	0.30	0.27	0.27	11.35	ppb
Copper	63-2	0.47	0.40	0.48	0.45	10.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	13.47	13.39	11.92	12.93	6.74	ppb
Iron	57-2	14.54	9.97	13.73	12.75	19.12	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.26	0.26	2.68	ppb
Lead	207-1	0.23	0.20	0.25	0.23	12.51	ppb
Lead	208-1	0.25	0.26	0.26	0.26	2.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	24.77	16.71	18.33	19.93	21.37	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:04:41	DataFile Name :	029SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.61	0.03	0.39	0.35	84.89	ppb
Molybdenum	94-1	1.20	1.19	1.30	1.23	4.84	ppb
Molybdenum	95-1	1.15	1.24	1.17	1.19	4.30	ppb
Molybdenum	96-1	1.23	1.26	1.29	1.26	2.15	ppb
Molybdenum	97-1	1.41	1.16	1.14	1.24	12.13	ppb
Molybdenum	98-1	1.19	1.19	1.14	1.17	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.04	-0.05	0.05	215.72	ppb
Phosphorus	31-2	-23.89	-23.89	-23.89	-23.89		ppb
Potassium	39-2	23.41	5.43	15.10	14.65	61.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.74	4.47	2.59	2.93	47.68	ppb
Selenium	82-1	1.36	1.52	1.56	1.48	7.35	ppb
Silicon	28-1	-3.75	-3.52	-3.13	-3.47		ppb
Silver	109-1	0.27	0.26	0.27	0.26	2.12	ppb
Silver	107-1	0.27	0.30	0.27	0.28	5.68	ppb
Sodium	23-2	61.18	51.78	57.17	56.71	8.31	ppb
Strontium	86-1	0.19	0.24	0.19	0.20	13.13	ppb
Strontium	88-1	0.23	0.25	0.25	0.24	2.69	ppb
Sulfur	34-1	483.39	564.61	634.58	560.86	13.49	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.25	0.24	0.25	4.86	ppb
Thallium	205-1	0.24	0.25	0.26	0.25	5.61	ppb
Thorium	232-1	0.23	0.23	0.23	0.23	0.76	cps
Tin	118-1	0.21	0.25	0.24	0.24	9.50	ppb
Titanium	47-1	1.19	1.11	1.16	1.16	3.40	ppb
Uranium	238-1	0.35	0.36	0.34	0.35	1.98	ppb
Vanadium	51-2	0.29	0.25	0.22	0.25	12.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:04:41	DataFile Name :	029SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.84	0.67	0.27	0.59	49.59	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	2.19	ppb
Zirconium	91-1	0.23	0.20	0.24	0.22	9.52	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:08:04	DataFile Name :	030SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.60	6.82	5.20	5.87	14.37	ppb
Antimony	121-1	0.24	0.25	0.26	0.25	2.64	ppb
Arsenic	75-2	0.32	0.16	0.39	0.29	40.83	ppb
Barium	135-1	1.21	1.21	1.42	1.28	9.25	ppb
Barium	137-1	1.10	1.28	1.23	1.21	7.57	ppb
Beryllium	9-1	0.32	0.30	0.28	0.30	7.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	4.95	4.55	4.79	4.76	4.13	ppb
Boron	10-1	4.77	5.03	4.14	4.65	9.92	ppb
Cadmium	106-1	0.46	-0.68	0.47	0.08	811.43	ppb
Cadmium	108-1	0.34	0.07	0.29	0.23	61.49	ppb
Cadmium	111-1	0.27	0.20	0.26	0.24	15.45	ppb
Calcium	43-1	33.35	37.85	32.72	34.64	8.07	ppb
Calcium	44-1	22.78	21.07	21.82	21.89	3.90	ppb
Chromium	52-2	0.22	0.17	0.14	0.18	21.43	ppb
Cobalt	59-2	0.27	0.27	0.27	0.27	0.94	ppb
Copper	63-2	0.48	0.45	0.38	0.44	11.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	11.97	12.15	12.65	12.26	2.86	ppb
Iron	57-2	7.53	10.07	13.49	10.37	28.85	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.24	0.23	3.35	ppb
Lead	207-1	0.23	0.25	0.26	0.24	4.66	ppb
Lead	208-1	0.24	0.24	0.26	0.25	3.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	20.70	22.35	19.34	20.80	7.25	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:08:04 DataFile Name : 030SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.66	0.74	0.65	14.80	ppb
Molybdenum	94-1	1.07	1.17	1.32	1.19	10.53	ppb
Molybdenum	95-1	1.29	1.31	1.12	1.24	8.42	ppb
Molybdenum	96-1	1.15	1.23	1.15	1.18	4.06	ppb
Molybdenum	97-1	1.16	1.11	1.24	1.17	5.66	ppb
Molybdenum	98-1	1.14	1.21	1.09	1.15	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	-0.01	0.04	0.04	119.53	ppb
Phosphorus	31-2	-23.89	-23.89	0.40	-15.79		ppb
Potassium	39-2	15.63	28.63	25.86	23.37	29.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	12.35	6.21	6.19	99.83	ppb
Selenium	78-2	2.64	4.59	2.65	3.30	34.11	ppb
Selenium	82-1	1.30	2.08	2.32	1.90	27.96	ppb
Silicon	28-1	-5.73	6.96	-1.62	-0.13		ppb
Silver	109-1	0.27	0.28	0.27	0.28	1.11	ppb
Silver	107-1	0.25	0.25	0.29	0.27	8.90	ppb
Sodium	23-2	59.63	58.93	58.97	59.18	0.67	ppb
Strontium	86-1	0.20	0.21	0.19	0.20	4.26	ppb
Strontium	88-1	0.24	0.26	0.27	0.26	5.17	ppb
Sulfur	34-1	234.24	939.66	752.55	642.15	56.91	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.27	0.25	0.26	3.81	ppb
Thallium	205-1	0.23	0.26	0.25	0.25	5.57	ppb
Thorium	232-1	0.21	0.22	0.21	0.21	1.93	cps
Tin	118-1	0.22	0.28	0.25	0.25	10.91	ppb
Titanium	47-1	0.92	1.08	1.18	1.06	12.12	ppb
Uranium	238-1	0.32	0.35	0.34	0.34	4.42	ppb
Vanadium	51-2	0.23	0.20	0.25	0.23	10.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:08:04	DataFile Name :	030SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.86	0.26	0.82	0.65	51.86	ppb
Zirconium	90-1	0.19	0.21	0.19	0.20	4.92	ppb
Zirconium	91-1	0.22	0.18	0.21	0.20	11.43	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:11:27	DataFile Name :	031SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.17	44.42	34.20	37.26	16.69	ppb
Antimony	121-1	4.09	4.16	3.89	4.05	3.50	ppb
Arsenic	75-2	1.95	2.09	2.27	2.10	7.62	ppb
Barium	135-1	20.24	20.34	19.75	20.11	1.56	ppb
Barium	137-1	20.23	20.28	19.63	20.05	1.80	ppb
Beryllium	9-1	2.18	2.15	2.12	2.15	1.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	46.30	48.39	49.93	48.21	3.79	ppb
Boron	10-1	44.01	52.87	50.15	49.01	9.26	ppb
Cadmium	106-1	1.39	2.03	1.20	1.54	28.15	ppb
Cadmium	108-1	1.81	2.27	2.10	2.06	11.32	ppb
Cadmium	111-1	2.03	1.98	2.06	2.03	2.00	ppb
Calcium	43-1	951.96	974.31	927.89	951.39	2.44	ppb
Calcium	44-1	941.62	911.28	912.74	921.88	1.86	ppb
Chromium	52-2	3.78	3.94	4.12	3.95	4.27	ppb
Cobalt	59-2	2.04	2.03	1.98	2.02	1.53	ppb
Copper	63-2	3.80	4.15	3.80	3.92	5.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	97.31	104.99	99.57	100.62	3.92	ppb
Iron	57-2	94.40	92.65	101.95	96.34	5.13	ppb
Krypton	83-1						cps
Lead	206-1	1.98	1.96	2.01	1.98	1.40	ppb
Lead	207-1	1.92	1.96	2.00	1.96	2.09	ppb
Lead	208-1	1.98	1.97	1.99	1.98	0.46	ppb
Lithium	6-1				104		%
Magnesium	24-2	944.09	1033.38	967.47	981.65	4.72	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:11:27	DataFile Name :	031SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.87	2.38	2.13	2.12	12.04	ppb
Molybdenum	94-1	10.01	10.20	10.06	10.09	1.00	ppb
Molybdenum	95-1	9.78	9.88	9.68	9.78	1.00	ppb
Molybdenum	96-1	9.83	9.92	10.20	9.98	1.96	ppb
Molybdenum	97-1	10.23	9.74	9.46	9.81	3.96	ppb
Molybdenum	98-1	9.60	9.98	9.63	9.73	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.97	1.55	1.75	12.04	ppb
Phosphorus	31-2	-0.23	1.40	-23.89	-7.57		ppb
Potassium	39-2	1007.19	1075.88	963.99	1015.68	5.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	6.06	26.05	6.27	12.79	89.74	ppb
Selenium	78-2	13.23	14.29	5.69	11.07	42.36	ppb
Selenium	82-1	10.39	8.92	9.81	9.71	7.60	ppb
Silicon	28-1	34.17	33.10	29.93	32.40	6.81	ppb
Silver	109-1	2.21	2.06	2.03	2.10	4.45	ppb
Silver	107-1	2.02	2.22	2.08	2.11	4.82	ppb
Sodium	23-2	1027.26	1089.71	1029.19	1048.72	3.39	ppb
Strontium	86-1	2.12	1.92	1.90	1.98	6.11	ppb
Strontium	88-1	2.07	2.05	1.99	2.04	2.09	ppb
Sulfur	34-1	1262.36	1057.70	705.67	1008.58	27.92	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	2.03	2.00	1.93	1.99	2.58	ppb
Thallium	205-1	2.02	1.97	1.98	1.99	1.49	ppb
Thorium	232-1	1.72	1.79	1.79	1.77	2.21	cps
Tin	118-1	10.38	10.04	10.05	10.16	1.90	ppb
Titanium	47-1	10.83	9.59	10.00	10.14	6.21	ppb
Uranium	238-1	2.02	1.99	1.99	2.00	0.93	ppb
Vanadium	51-2	9.33	9.90	9.29	9.51	3.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:11:27	DataFile Name :	031SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.44	5.10	4.00	4.51	12.26	ppb
Zirconium	90-1	2.11	2.02	2.06	2.06	2.09	ppb
Zirconium	91-1	1.98	1.99	2.19	2.05	5.88	ppb

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:14:49 DataFile Name : 032SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.08	4.90	3.24	4.74	30.15	ppb
Antimony	121-1	0.26	0.26	0.22	0.25	8.03	ppb
Arsenic	75-2	0.28	0.23	0.40	0.30	29.28	ppb
Barium	135-1	1.32	1.27	1.17	1.25	6.18	ppb
Barium	137-1	1.29	1.20	1.20	1.23	4.14	ppb
Beryllium	9-1	0.29	0.27	0.23	0.26	11.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	5.21	5.53	5.94	5.56	6.61	ppb
Boron	10-1	6.44	6.17	6.39	6.34	2.27	ppb
Cadmium	106-1	-0.96	2.17	0.58	0.60	262.69	ppb
Cadmium	108-1	0.10	0.35	0.24	0.23	53.25	ppb
Cadmium	111-1	0.11	0.38	0.30	0.26	51.37	ppb
Calcium	43-1	20.63	23.03	22.52	22.06	5.74	ppb
Calcium	44-1	21.43	22.27	19.07	20.92	7.92	ppb
Chromium	52-2	0.23	0.10	0.22	0.18	37.93	ppb
Cobalt	59-2	0.31	0.24	0.27	0.27	13.70	ppb
Copper	63-2	0.36	0.35	0.51	0.41	21.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	12.76	11.07	13.84	12.56	11.14	ppb
Iron	57-2	13.03	15.42	16.73	15.06	12.46	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.23	0.25	7.39	ppb
Lead	207-1	0.24	0.25	0.22	0.24	5.86	ppb
Lead	208-1	0.24	0.26	0.24	0.25	3.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	11.35	15.14	30.88	19.12	54.15	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:14:49	DataFile Name :	032SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.59	0.63	0.50	0.57	11.93	ppb
Molybdenum	94-1	1.22	1.11	1.13	1.15	5.02	ppb
Molybdenum	95-1	1.25	1.22	1.15	1.21	4.08	ppb
Molybdenum	96-1	1.23	1.21	1.15	1.20	3.34	ppb
Molybdenum	97-1	1.16	1.13	1.19	1.16	2.71	ppb
Molybdenum	98-1	1.27	1.17	1.15	1.20	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.09	0.17	0.04	368.28	ppb
Phosphorus	31-2	-23.89	-0.57	27.11	0.89	2884.25	ppb
Potassium	39-2	39.31	13.98	37.39	30.23	46.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	6.22	0.00	6.32	4.18	86.61	ppb
Selenium	78-2	4.65	-0.34	0.70	1.67	157.80	ppb
Selenium	82-1	2.85	2.17	2.24	2.42	15.52	ppb
Silicon	28-1	37.79	-2.15	-3.54	10.70	219.35	ppb
Silver	109-1	0.26	0.26	0.26	0.26	0.27	ppb
Silver	107-1	0.28	0.26	0.27	0.27	3.68	ppb
Sodium	23-2	57.76	50.12	69.90	59.26	16.84	ppb
Strontium	86-1	0.17	0.17	0.11	0.15	21.61	ppb
Strontium	88-1	0.23	0.24	0.24	0.23	2.17	ppb
Sulfur	34-1	631.47	776.42	615.34	674.41	13.15	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.28	0.26	0.26	8.98	ppb
Thallium	205-1	0.25	0.26	0.25	0.26	2.22	ppb
Thorium	232-1	0.22	0.23	0.22	0.22	3.81	cps
Tin	118-1	0.25	0.26	0.25	0.25	3.60	ppb
Titanium	47-1	1.18	1.05	1.05	1.09	6.74	ppb
Uranium	238-1	0.34	0.35	0.34	0.34	1.91	ppb
Vanadium	51-2	0.26	0.27	0.26	0.26	2.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:14:49	DataFile Name :	032SMPL_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.39	0.43	0.77	0.53	39.85	ppb
Zirconium	90-1	0.19	0.22	0.22	0.21	8.58	ppb
Zirconium	91-1	0.28	0.27	0.20	0.25	18.94	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52730.62	52693.63	52095.68	52506.64	0.68	ppb
Antimony	121-1	509.57	523.81	507.16	513.51	1.75	ppb
Arsenic	75-2	510.87	503.19	508.90	507.65	0.79	ppb
Barium	135-1	2582.61	2636.48	2551.81	2590.30	1.65	ppb
Barium	137-1	2541.56	2582.07	2532.93	2552.19	1.03	ppb
Beryllium	9-1	515.16	518.86	509.27	514.43	0.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	493.50	506.95	511.17	503.87	1.83	ppb
Boron	10-1	488.96	517.29	516.41	507.55	3.17	ppb
Cadmium	106-1	498.60	506.65	505.00	503.42	0.84	ppb
Cadmium	108-1	501.09	515.10	496.84	504.34	1.90	ppb
Cadmium	111-1	491.84	505.98	494.19	497.34	1.52	ppb
Calcium	43-1	239388.47	241309.23	239531.26	240076.32	0.45	ppb
Calcium	44-1	236915.14	241453.36	240415.33	239594.61	0.99	ppb
Chromium	52-2	522.80	522.64	520.15	521.86	0.28	ppb
Cobalt	59-2	501.49	504.37	496.55	500.80	0.79	ppb
Copper	63-2	968.24	972.00	960.90	967.05	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	126768.63	126310.24	125638.65	126239.17	0.45	ppb
Iron	57-2	125795.09	129347.67	126888.99	127343.92	1.43	ppb
Krypton	83-1						cps
Lead	206-1	523.87	523.64	517.29	521.60	0.72	ppb
Lead	207-1	523.59	529.09	510.43	521.04	1.84	ppb
Lead	208-1	524.67	528.35	516.28	523.10	1.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	252824.93	251434.82	249044.64	251101.47	0.76	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.44	1024.49	1000.22	1013.71	1.22	ppb
Molybdenum	94-1	2569.46	2543.32	2594.43	2569.07	0.99	ppb
Molybdenum	95-1	2556.15	2528.97	2585.52	2556.88	1.11	ppb
Molybdenum	96-1	2533.51	2564.81	2567.13	2555.15	0.73	ppb
Molybdenum	97-1	2560.54	2557.23	2579.29	2565.69	0.46	ppb
Molybdenum	98-1	2555.07	2547.26	2584.21	2562.18	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.82	506.83	499.54	502.73	0.74	ppb
Phosphorus	31-2	9955.91	11923.57	10344.98	10741.49	9.70	ppb
Potassium	39-2	125394.06	125493.24	124406.15	125097.82	0.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	458.61	544.76	405.11	469.50	15.01	ppb
Selenium	78-2	540.61	486.24	468.40	498.42	7.55	ppb
Selenium	82-1	504.33	501.04	509.67	505.02	0.86	ppb
Silicon	28-1	543.95	563.33	562.84	556.71	1.98	ppb
Silver	109-1	501.67	518.02	494.71	504.80	2.37	ppb
Silver	107-1	497.51	513.40	498.36	503.09	1.78	ppb
Sodium	23-2	254675.83	252974.80	252006.42	253219.02	0.53	ppb
Strontium	86-1	507.13	510.24	513.19	510.19	0.59	ppb
Strontium	88-1	510.18	513.25	521.56	515.00	1.14	ppb
Sulfur	34-1	11176.31	11280.41	10878.21	11111.64	1.88	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	523.19	526.03	524.76	524.66	0.27	ppb
Thallium	205-1	520.17	518.91	514.20	517.76	0.61	ppb
Thorium	232-1	478.54	479.66	488.59	482.26	1.14	cps
Tin	118-1	513.25	523.40	512.96	516.53	1.15	ppb
Titanium	47-1	2577.57	2603.95	2588.09	2589.87	0.51	ppb
Uranium	238-1	518.51	516.91	515.51	516.98	0.29	ppb
Vanadium	51-2	506.81	511.54	506.68	508.34	0.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	986.47	992.66	980.33	986.49	0.62	ppb
Zirconium	90-1	514.54	514.33	520.51	516.46	0.68	ppb
Zirconium	91-1	507.46	508.57	513.87	509.97	0.67	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.86	1.67	0.81	108.65	ppb
Antimony	121-1	0.26	0.27	0.34	0.29	15.02	ppb
Arsenic	75-2	0.12	0.07	0.00	0.06	94.50	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.02	0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.15	0.05	0.07	0.09	58.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	6.93	6.80	6.18	6.64	6.05	ppb
Boron	10-1	6.14	5.25	6.41	5.93	10.20	ppb
Cadmium	106-1	0.85	0.94	0.53	0.77	27.47	ppb
Cadmium	108-1	0.03	-0.01	0.00	0.01	251.82	ppb
Cadmium	111-1	0.07	0.08	0.04	0.06	29.24	ppb
Calcium	43-1	-0.60	6.89	3.09	3.13	119.87	ppb
Calcium	44-1	-1.92	-4.48	0.40	-2.00		ppb
Chromium	52-2	0.03	-0.09	0.02	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	926.67	ppb
Copper	63-2	-0.06	0.00	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.94	0.70	0.68	0.77	18.26	ppb
Iron	57-2	0.88	-1.87	2.18	0.40	523.90	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.04	0.03	73.58	ppb
Lead	207-1	0.02	0.02	0.04	0.03	37.12	ppb
Lead	208-1	0.02	0.03	0.03	0.03	21.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	-7.07	-0.83	-5.07	-4.32		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.34	-0.45	-0.40	-0.40		ppb
Molybdenum	94-1	0.28	0.20	0.29	0.26	18.68	ppb
Molybdenum	95-1	0.25	0.24	0.31	0.27	14.08	ppb
Molybdenum	96-1	0.24	0.20	0.20	0.21	11.02	ppb
Molybdenum	97-1	0.25	0.21	0.19	0.21	13.75	ppb
Molybdenum	98-1	0.18	0.20	0.24	0.21	15.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.16	-0.32	-0.25		ppb
Phosphorus	31-2	-23.89	-23.89	-23.89	-23.89		ppb
Potassium	39-2	16.68	23.53	-5.82	11.46	133.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	6.39	0.00	0.00	2.13	173.21	ppb
Selenium	78-2	-1.32	0.70	-0.32	-0.31		ppb
Selenium	82-1	0.19	-0.19	-0.67	-0.22		ppb
Silicon	28-1	-5.74	-9.08	-4.61	-6.48		ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.16	ppb
Silver	107-1	0.02	0.01	0.00	0.01	68.43	ppb
Sodium	23-2	55.51	54.54	59.21	56.42	4.36	ppb
Strontium	86-1	-0.02	-0.02	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	127.94	-519.79	79.87	-103.99		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.07	0.07	7.91	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	12.94	ppb
Thorium	232-1	0.10	0.09	0.06	0.09	21.03	cps
Tin	118-1	0.11	0.13	0.16	0.13	19.60	ppb
Titanium	47-1	-0.07	0.00	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	229.61	ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.36	0.20	0.37	0.31	30.94	ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	11.78	ppb
Zirconium	91-1	0.13	0.05	0.08	0.09	49.17	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.46	0.28	-1.01	-0.73		ppb
Antimony	121-1	0.15	0.12	0.13	0.13	13.06	ppb
Arsenic	75-2	0.12	0.04	0.00	0.05	108.90	ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.03	-0.01	-0.02		ppb
Beryllium	9-1	0.06	0.06	0.04	0.05	21.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	11-1	5.27	4.74	4.86	4.96	5.65	ppb
Boron	10-1	6.71	4.66	4.36	5.25	24.37	ppb
Cadmium	106-1	-1.52	0.58	0.99	0.02	8246.82	ppb
Cadmium	108-1	-0.04	0.07	-0.07	-0.01		ppb
Cadmium	111-1	-0.11	0.04	0.08	0.00	2832.66	ppb
Calcium	43-1	1.67	-1.65	-5.47	-1.82		ppb
Calcium	44-1	0.06	-0.37	-1.93	-0.75		ppb
Chromium	52-2	-0.14	-0.13	-0.10	-0.12		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.07	-0.05	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.48	0.34	0.25	0.35	32.80	ppb
Iron	57-2	0.40	-0.16	-0.98	-0.25		ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	0.01	0.01	148.45	ppb
Lead	207-1	0.02	0.02	0.01	0.02	41.40	ppb
Lead	208-1	0.03	0.02	0.02	0.02	23.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	-9.39	-12.97	-6.12	-9.49		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.38	-0.35	-0.22	-0.32		ppb
Molybdenum	94-1	0.18	0.13	0.16	0.16	16.91	ppb
Molybdenum	95-1	0.11	0.10	0.08	0.10	13.98	ppb
Molybdenum	96-1	0.05	0.06	0.12	0.08	48.00	ppb
Molybdenum	97-1	0.14	0.05	0.09	0.10	46.01	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.09	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.29	-0.16	-0.19		ppb
Phosphorus	31-2	25.58	24.21	-23.89	8.63	326.30	ppb
Potassium	39-2	5.41	8.56	14.51	9.49	48.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	12.29	0.00	4.10	173.21	ppb
Selenium	78-2	0.67	-1.32	-1.32	-0.66		ppb
Selenium	82-1	-0.51	-0.57	-0.64	-0.57		ppb
Silicon	28-1	-3.60	-9.04	-8.99	-7.21		ppb
Silver	109-1	0.00	0.00	0.00	0.00	60.27	ppb
Silver	107-1	0.00	0.01	0.00	0.00	167.45	ppb
Sodium	23-2	45.06	51.36	51.77	49.40	7.61	ppb
Strontium	86-1	-0.05	-0.07	-0.08	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	506.29	-8.33	-230.59	89.12	424.12	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.03	0.03	0.04	23.16	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	18.91	ppb
Thorium	232-1	0.07	0.07	0.06	0.06	6.40	cps
Tin	118-1	-0.06	-0.01	-0.08	-0.05		ppb
Titanium	47-1	-0.10	-0.06	-0.11	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.10	-0.16	0.00	79370.77	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	11.29	ppb
Zirconium	91-1	0.07	0.08	0.07	0.07	10.75	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	1.59	1.53	1.01	94.04	ppb
Antimony	121-1	0.05	0.09	0.08	0.07	23.27	ppb
Arsenic	75-2	0.05	0.05	-0.02	0.02	173.43	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.03	-0.03	-0.02		ppb
Beryllium	9-1	0.04	0.09	0.04	0.06	49.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	3.57	4.27	4.31	4.05	10.30	ppb
Boron	10-1	5.49	4.09	4.09	4.56	17.68	ppb
Cadmium	106-1	0.97	0.35	-0.04	0.43	118.82	ppb
Cadmium	108-1	0.00	-0.04	0.07	0.01	638.22	ppb
Cadmium	111-1	0.08	0.03	0.00	0.03	117.82	ppb
Calcium	43-1	2.39	-4.88	1.21	-0.43		ppb
Calcium	44-1	-2.82	-3.18	-2.75	-2.92		ppb
Chromium	52-2	-0.10	-0.06	-0.16	-0.11		ppb
Cobalt	59-2	0.00	0.02	-0.02	0.00		ppb
Copper	63-2	-0.04	-0.02	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	0.18	0.00	0.16	0.11	89.89	ppb
Iron	57-2	-0.03	-0.62	-1.99	-0.88		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.01	91.59	ppb
Lead	207-1	0.00	0.01	0.00	0.00	129.75	ppb
Lead	208-1	0.01	0.02	0.01	0.01	37.84	ppb
Lithium	6-1				104		%
Magnesium	24-2	-8.30	-7.96	-3.89	-6.72		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.27	-0.32	-0.38	-0.32		ppb
Molybdenum	94-1	0.07	0.09	0.10	0.08	16.97	ppb
Molybdenum	95-1	0.07	0.09	0.05	0.07	22.73	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.06	10.55	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	19.07	ppb
Molybdenum	98-1	0.03	0.05	0.03	0.04	37.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.14	-0.22	-0.15		ppb
Phosphorus	31-2	25.94	0.09	23.33	16.45	86.51	ppb
Potassium	39-2	3.50	9.95	2.33	5.26	78.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	6.13	2.04	173.21	ppb
Selenium	78-2	-0.32	0.66	-1.32	-0.33		ppb
Selenium	82-1	-0.60	0.28	-0.10	-0.14		ppb
Silicon	28-1	-9.81	-8.00	-6.77	-8.19		ppb
Silver	109-1	0.00	0.00	0.00	0.00	19.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	659.30	ppb
Sodium	23-2	55.08	35.68	34.94	41.90	27.25	ppb
Strontium	86-1	-0.06	-0.10	-0.03	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-286.37	-183.77	115.29	-118.28		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.03	0.03	9.40	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	11.66	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	13.21	cps
Tin	118-1	-0.08	-0.07	-0.09	-0.08		ppb
Titanium	47-1	0.00	-0.09	-0.08	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	-0.24	-0.22	-0.07		ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	12.80	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	13.29	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	1.62	2.60	1.51	75.90	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.87	ppb
Arsenic	75-2	0.00	0.02	0.09	0.04	124.76	ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	90.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	3.47	3.37	3.08	3.30	6.12	ppb
Boron	10-1	3.40	3.49	3.51	3.47	1.70	ppb
Cadmium	106-1	-0.26	-0.13	-0.70	-0.37		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	100.45	ppb
Cadmium	111-1	-0.02	-0.01	-0.05	-0.03		ppb
Calcium	43-1	-6.28	1.14	-7.55	-4.23		ppb
Calcium	44-1	-3.29	-4.30	-0.29	-2.63		ppb
Chromium	52-2	-0.07	-0.08	-0.07	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	145.64	ppb
Copper	63-2	-0.08	-0.07	-0.01	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	-0.09	0.07	0.13	0.04	315.47	ppb
Iron	57-2	-0.11	-1.95	-0.53	-0.86		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.00	0.01	82.42	ppb
Lead	207-1	0.00	0.00	0.00	0.00	29.73	ppb
Lead	208-1	0.02	0.01	0.01	0.01	35.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	-5.12	-11.62	-4.90	-7.21		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.21	-0.35	-0.31	-0.29		ppb
Molybdenum	94-1	0.06	0.07	0.04	0.06	23.16	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	19.95	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	27.51	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.02	76.58	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	165.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.42	-0.17	-0.27		ppb
Phosphorus	31-2	0.50	-23.89	0.77	-7.54		ppb
Potassium	39-2	3.71	35.59	29.50	22.94	73.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	-0.33	0.65	0.00		ppb
Selenium	82-1	-0.15	0.07	-0.88	-0.32		ppb
Silicon	28-1	-12.18	-10.28	-8.48	-10.31		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	44.09	38.12	46.89	43.03	10.42	ppb
Strontium	86-1	-0.03	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-382.13	-210.46	113.10	-159.83		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.02	0.03	25.46	ppb
Thallium	205-1	0.03	0.01	0.01	0.02	55.72	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	9.08	cps
Tin	118-1	-0.11	-0.09	-0.13	-0.11		ppb
Titanium	47-1	-0.10	-0.02	-0.14	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.20	0.30	0.01	0.04	708.07	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	29.39	ppb
Zirconium	91-1	0.06	0.06	0.03	0.05	41.27	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9269.09	9248.49	9423.63	9313.74	1.03	ppb
Antimony	121-1	521.45	506.98	515.71	514.71	1.42	ppb
Arsenic	75-2	508.79	508.27	515.66	510.91	0.81	ppb
Barium	135-1	2606.08	2534.27	2589.61	2576.65	1.46	ppb
Barium	137-1	2571.89	2499.73	2573.06	2548.23	1.65	ppb
Beryllium	9-1	513.48	494.11	503.19	503.59	1.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	476.28	480.01	495.54	483.94	2.11	ppb
Boron	10-1	477.81	489.32	496.64	487.93	1.95	ppb
Cadmium	106-1	518.76	500.75	519.54	513.02	2.07	ppb
Cadmium	108-1	531.79	510.16	518.16	520.04	2.10	ppb
Cadmium	111-1	516.74	502.26	517.88	512.29	1.70	ppb
Calcium	43-1	48709.02	47437.60	48818.77	48321.80	1.59	ppb
Calcium	44-1	49029.21	47594.23	48488.62	48370.69	1.50	ppb
Chromium	52-2	480.51	488.45	489.94	486.30	1.04	ppb
Cobalt	59-2	474.62	483.81	488.06	482.16	1.42	ppb
Copper	63-2	945.81	960.02	967.21	957.68	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	23963.25	24276.28	24366.38	24201.97	0.87	ppb
Iron	57-2	23728.39	23933.93	24293.39	23985.24	1.19	ppb
Krypton	83-1						cps
Lead	206-1	520.12	498.43	514.45	511.00	2.20	ppb
Lead	207-1	514.95	500.74	515.81	510.50	1.66	ppb
Lead	208-1	516.47	498.25	515.05	509.92	1.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	49901.32	50570.40	50767.33	50413.02	0.90	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.96	983.06	999.64	983.89	1.56	ppb
Molybdenum	94-1	2533.59	2473.17	2563.87	2523.54	1.83	ppb
Molybdenum	95-1	2541.28	2451.93	2528.53	2507.25	1.93	ppb
Molybdenum	96-1	2550.02	2455.15	2524.15	2509.77	1.95	ppb
Molybdenum	97-1	2524.25	2466.53	2557.49	2516.09	1.83	ppb
Molybdenum	98-1	2561.72	2466.93	2543.21	2523.95	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.78	481.03	487.75	481.86	1.15	ppb
Phosphorus	31-2	10636.04	9563.16	9761.79	9987.00	5.72	ppb
Potassium	39-2	23639.96	24037.34	23902.79	23860.03	0.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	460.83	533.38	535.34	509.85	8.33	ppb
Selenium	78-2	482.73	444.77	512.81	480.10	7.10	ppb
Selenium	82-1	515.93	496.16	514.56	508.88	2.17	ppb
Silicon	28-1	539.65	522.91	546.00	536.19	2.22	ppb
Silver	109-1	528.97	512.38	530.91	524.08	1.94	ppb
Silver	107-1	526.04	519.17	526.81	524.01	0.80	ppb
Sodium	23-2	49297.90	49076.26	49716.50	49363.55	0.66	ppb
Strontium	86-1	503.30	493.18	507.84	501.44	1.50	ppb
Strontium	88-1	510.95	496.25	513.41	506.87	1.83	ppb
Sulfur	34-1	10900.32	10122.37	10430.70	10484.46	3.74	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	520.75	498.47	519.56	512.93	2.44	ppb
Thallium	205-1	509.74	493.73	509.20	504.22	1.80	ppb
Thorium	232-1	480.55	477.68	480.67	479.63	0.35	cps
Tin	118-1	522.10	502.92	520.17	515.06	2.05	ppb
Titanium	47-1	2614.08	2529.40	2569.46	2570.98	1.65	ppb
Uranium	238-1	486.08	472.10	491.20	483.12	2.05	ppb
Vanadium	51-2	477.06	491.48	492.00	486.85	1.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	947.70	966.85	978.15	964.23	1.60	ppb
Zirconium	90-1	511.08	497.10	511.66	506.61	1.63	ppb
Zirconium	91-1	503.46	490.12	503.91	499.16	1.57	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9571.00	9634.53	9295.92	9500.48	1.89	ppb
Antimony	121-1	518.56	511.66	516.09	515.44	0.68	ppb
Arsenic	75-2	507.28	514.75	506.14	509.39	0.92	ppb
Barium	135-1	2593.57	2543.10	2546.94	2561.20	1.10	ppb
Barium	137-1	2559.30	2510.83	2544.31	2538.15	0.98	ppb
Beryllium	9-1	501.71	509.04	499.68	503.48	0.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	487.59	510.97	509.37	502.64	2.60	ppb
Boron	10-1	490.01	528.25	520.06	512.77	3.93	ppb
Cadmium	106-1	515.91	510.73	510.42	512.35	0.60	ppb
Cadmium	108-1	512.71	512.94	513.80	513.15	0.11	ppb
Cadmium	111-1	514.06	507.44	511.84	511.11	0.66	ppb
Calcium	43-1	48535.57	47387.17	48551.02	48157.92	1.39	ppb
Calcium	44-1	49002.43	47511.25	48794.54	48436.07	1.67	ppb
Chromium	52-2	500.21	508.99	485.70	498.30	2.36	ppb
Cobalt	59-2	493.19	500.25	484.82	492.75	1.57	ppb
Copper	63-2	976.73	992.30	960.50	976.51	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	24702.74	25138.52	24391.47	24744.24	1.52	ppb
Iron	57-2	24551.32	24894.08	24077.82	24507.74	1.67	ppb
Krypton	83-1						cps
Lead	206-1	511.49	515.52	510.35	512.45	0.53	ppb
Lead	207-1	511.92	514.11	513.99	513.34	0.24	ppb
Lead	208-1	509.47	510.89	512.12	510.83	0.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	51551.84	51318.65	49827.26	50899.25	1.84	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.74	1017.11	982.77	1000.54	1.72	ppb
Molybdenum	94-1	2508.70	2472.60	2517.97	2499.76	0.96	ppb
Molybdenum	95-1	2502.34	2448.45	2498.86	2483.22	1.21	ppb
Molybdenum	96-1	2497.95	2454.88	2521.31	2491.38	1.35	ppb
Molybdenum	97-1	2511.59	2493.23	2526.68	2510.50	0.67	ppb
Molybdenum	98-1	2475.94	2466.48	2511.01	2484.48	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.60	498.45	487.64	492.56	1.11	ppb
Phosphorus	31-2	10174.18	10694.84	9387.56	10085.52	6.53	ppb
Potassium	39-2	24540.11	24716.07	23776.62	24344.27	2.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	517.72	556.21	532.64	535.52	3.62	ppb
Selenium	78-2	564.51	483.25	502.12	516.62	8.23	ppb
Selenium	82-1	503.45	498.92	506.68	503.02	0.77	ppb
Silicon	28-1	535.95	525.80	532.87	531.54	0.98	ppb
Silver	109-1	530.89	519.73	520.00	523.54	1.22	ppb
Silver	107-1	524.57	516.59	517.96	519.71	0.82	ppb
Sodium	23-2	50437.12	51243.77	49298.01	50326.30	1.94	ppb
Strontium	86-1	501.00	493.75	503.94	499.56	1.05	ppb
Strontium	88-1	505.34	501.41	511.47	506.07	1.00	ppb
Sulfur	34-1	10027.63	9720.37	9920.91	9889.64	1.58	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	514.43	512.05	517.09	514.52	0.49	ppb
Thallium	205-1	509.07	507.34	509.66	508.69	0.24	ppb
Thorium	232-1	480.88	485.27	484.80	483.65	0.50	cps
Tin	118-1	522.64	512.63	520.93	518.73	1.03	ppb
Titanium	47-1	2570.23	2519.77	2550.17	2546.72	1.00	ppb
Uranium	238-1	477.99	487.28	484.62	483.30	0.99	ppb
Vanadium	51-2	499.06	504.66	485.62	496.45	1.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	999.43	999.85	973.73	991.01	1.51	ppb
Zirconium	90-1	506.74	496.25	513.86	505.62	1.75	ppb
Zirconium	91-1	500.08	487.56	500.20	495.95	1.46	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10029.23	9603.09	9316.96	9649.76	3.71	ppb
Antimony	121-1	537.88	512.79	502.98	517.88	3.48	ppb
Arsenic	75-2	540.06	510.01	515.98	522.02	3.05	ppb
Barium	135-1	2662.98	2519.23	2480.53	2554.25	3.76	ppb
Barium	137-1	2626.10	2521.71	2473.04	2540.28	3.08	ppb
Beryllium	9-1	510.79	496.79	489.36	498.98	2.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	11-1	506.21	507.56	499.84	504.54	0.82	ppb
Boron	10-1	501.14	508.85	507.77	505.92	0.82	ppb
Cadmium	106-1	540.21	505.12	506.05	517.13	3.87	ppb
Cadmium	108-1	532.42	511.41	498.48	514.10	3.33	ppb
Cadmium	111-1	526.01	501.44	496.90	508.12	3.08	ppb
Calcium	43-1	49669.50	47565.36	46464.22	47899.70	3.40	ppb
Calcium	44-1	49559.13	47306.01	46393.96	47753.03	3.41	ppb
Chromium	52-2	522.16	504.22	485.84	504.07	3.60	ppb
Cobalt	59-2	520.09	500.48	483.15	501.24	3.69	ppb
Copper	63-2	1024.73	986.70	957.42	989.62	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	26030.09	25089.11	24114.97	25078.05	3.82	ppb
Iron	57-2	25698.79	24931.97	23927.24	24852.67	3.57	ppb
Krypton	83-1						cps
Lead	206-1	524.17	505.98	483.59	504.58	4.03	ppb
Lead	207-1	524.79	506.96	482.38	504.71	4.22	ppb
Lead	208-1	524.81	505.43	483.24	504.49	4.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	54598.06	51232.53	50284.77	52038.45	4.36	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.17	1000.08	974.64	1008.63	3.86	ppb
Molybdenum	94-1	2600.86	2531.88	2454.85	2529.20	2.89	ppb
Molybdenum	95-1	2585.00	2526.05	2437.55	2516.20	2.95	ppb
Molybdenum	96-1	2589.84	2549.20	2476.78	2538.61	2.26	ppb
Molybdenum	97-1	2618.00	2548.09	2474.79	2546.96	2.81	ppb
Molybdenum	98-1	2595.27	2518.79	2458.74	2524.27	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.06	498.86	480.46	499.80	3.97	ppb
Phosphorus	31-2	10479.75	10192.28	10021.04	10231.03	2.27	ppb
Potassium	39-2	25461.63	24516.09	24005.17	24660.97	3.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	538.75	486.41	428.32	484.49	11.40	ppb
Selenium	78-2	533.12	550.68	497.78	527.20	5.11	ppb
Selenium	82-1	527.74	508.12	500.97	512.28	2.71	ppb
Silicon	28-1	563.89	535.35	518.94	539.39	4.22	ppb
Silver	109-1	535.38	514.57	508.95	519.64	2.68	ppb
Silver	107-1	536.82	514.67	504.46	518.65	3.19	ppb
Sodium	23-2	53121.92	50691.70	49507.87	51107.16	3.61	ppb
Strontium	86-1	515.28	507.71	495.99	506.33	1.92	ppb
Strontium	88-1	518.58	508.54	497.74	508.29	2.05	ppb
Sulfur	34-1	10527.83	9500.65	8941.76	9656.75	8.33	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	523.44	510.30	484.57	506.10	3.91	ppb
Thallium	205-1	519.33	502.81	481.34	501.16	3.80	ppb
Thorium	232-1	491.47	492.58	492.40	492.15	0.12	cps
Tin	118-1	528.11	504.67	502.15	511.65	2.80	ppb
Titanium	47-1	2668.17	2527.08	2475.70	2556.98	3.90	ppb
Uranium	238-1	499.12	482.53	465.08	482.24	3.53	ppb
Vanadium	51-2	517.70	501.39	483.72	500.94	3.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1057.28	1014.08	986.91	1019.42	3.48	ppb
Zirconium	90-1	518.21	507.18	494.14	506.51	2.38	ppb
Zirconium	91-1	511.84	500.38	485.12	499.12	2.69	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50881.02	52230.34	52203.93	51771.76	1.49	ppb
Antimony	121-1	500.79	531.46	513.61	515.29	2.99	ppb
Arsenic	75-2	497.09	521.63	514.03	510.91	2.46	ppb
Barium	135-1	2492.46	2635.14	2571.07	2566.22	2.78	ppb
Barium	137-1	2475.52	2627.07	2524.62	2542.41	3.04	ppb
Beryllium	9-1	506.54	517.67	502.92	509.04	1.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	523.76	551.87	543.44	539.69	2.67	ppb
Boron	10-1	529.70	551.99	547.76	543.15	2.18	ppb
Cadmium	106-1	489.35	524.57	510.19	508.03	3.49	ppb
Cadmium	108-1	491.13	520.96	501.90	504.66	2.99	ppb
Cadmium	111-1	487.21	514.08	496.61	499.30	2.73	ppb
Calcium	43-1	233936.67	243593.03	234923.69	237484.46	2.24	ppb
Calcium	44-1	232357.85	239781.15	236447.35	236195.45	1.57	ppb
Chromium	52-2	504.96	518.90	514.37	512.75	1.39	ppb
Cobalt	59-2	481.51	494.17	496.42	490.70	1.64	ppb
Copper	63-2	925.59	952.91	952.48	943.66	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	120951.97	124347.89	124207.11	123168.99	1.56	ppb
Iron	57-2	122848.94	126883.68	125677.01	125136.54	1.65	ppb
Krypton	83-1						cps
Lead	206-1	505.62	534.03	515.72	518.46	2.78	ppb
Lead	207-1	507.27	539.10	516.23	520.87	3.15	ppb
Lead	208-1	506.75	538.64	516.51	520.63	3.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	241479.43	248341.51	250694.86	246838.60	1.94	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.84	1012.15	1012.48	1001.82	1.81	ppb
Molybdenum	94-1	2517.84	2637.89	2540.48	2565.40	2.49	ppb
Molybdenum	95-1	2496.30	2611.92	2512.60	2540.27	2.46	ppb
Molybdenum	96-1	2525.56	2608.97	2517.60	2550.71	1.98	ppb
Molybdenum	97-1	2515.37	2653.86	2534.72	2567.98	2.92	ppb
Molybdenum	98-1	2520.23	2646.86	2521.73	2562.94	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.32	495.74	494.08	489.71	1.85	ppb
Phosphorus	31-2	9699.68	9972.07	10254.10	9975.28	2.78	ppb
Potassium	39-2	121781.63	124400.72	124942.59	123708.31	1.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	452.33	473.81	529.18	485.11	8.17	ppb
Selenium	78-2	479.40	559.00	494.56	510.99	8.27	ppb
Selenium	82-1	499.26	521.06	501.30	507.21	2.37	ppb
Silicon	28-1	540.34	559.76	545.76	548.62	1.83	ppb
Silver	109-1	488.73	515.80	504.00	502.85	2.70	ppb
Silver	107-1	490.99	514.86	498.13	501.33	2.44	ppb
Sodium	23-2	243897.75	253452.34	249778.00	249042.70	1.94	ppb
Strontium	86-1	496.64	521.00	501.34	506.33	2.55	ppb
Strontium	88-1	502.79	520.51	506.41	509.90	1.84	ppb
Sulfur	34-1	9421.48	10384.53	9758.75	9854.92	4.96	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	513.59	534.89	516.41	521.63	2.22	ppb
Thallium	205-1	501.19	533.29	509.64	514.71	3.23	ppb
Thorium	232-1	491.16	487.35	490.26	489.59	0.41	cps
Tin	118-1	500.19	531.05	512.14	514.46	3.02	ppb
Titanium	47-1	2536.60	2623.71	2576.05	2578.79	1.69	ppb
Uranium	238-1	497.54	527.53	510.08	511.72	2.94	ppb
Vanadium	51-2	489.93	506.35	506.70	500.99	1.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	939.25	968.17	965.55	957.66	1.67	ppb
Zirconium	90-1	506.64	527.86	510.66	515.06	2.19	ppb
Zirconium	91-1	501.24	521.32	504.12	508.89	2.13	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.89	19.00	19.10	19.33	2.53	ppb
Antimony	121-1	2.07	1.98	2.05	2.03	2.43	ppb
Arsenic	75-2	0.75	1.60	1.16	1.17	36.24	ppb
Barium	135-1	10.43	9.79	9.49	9.90	4.87	ppb
Barium	137-1	9.98	9.63	9.96	9.86	1.99	ppb
Beryllium	9-1	1.07	1.02	1.07	1.06	2.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	29.13	28.68	29.94	29.25	2.18	ppb
Boron	10-1	28.19	28.92	28.42	28.51	1.30	ppb
Cadmium	106-1	-0.29	0.66	0.15	0.18	270.38	ppb
Cadmium	108-1	0.93	1.08	0.86	0.96	11.71	ppb
Cadmium	111-1	1.00	0.98	0.97	0.98	1.60	ppb
Calcium	43-1	455.98	446.81	444.02	448.93	1.39	ppb
Calcium	44-1	460.31	439.65	452.62	450.86	2.32	ppb
Chromium	52-2	2.18	1.96	1.79	1.98	9.99	ppb
Cobalt	59-2	1.00	0.89	1.05	0.98	8.34	ppb
Copper	63-2	1.87	1.97	1.99	1.94	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	49.96	48.73	48.50	49.06	1.60	ppb
Iron	57-2	46.46	48.30	40.05	44.94	9.64	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.94	0.95	0.96	2.78	ppb
Lead	207-1	0.96	0.97	1.02	0.98	2.91	ppb
Lead	208-1	1.00	0.96	0.98	0.98	1.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	485.13	506.92	505.47	499.17	2.44	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.66	0.92	0.99	0.86	20.03	ppb
Molybdenum	94-1	5.21	5.00	4.96	5.05	2.66	ppb
Molybdenum	95-1	5.04	4.79	4.94	4.92	2.62	ppb
Molybdenum	96-1	4.88	4.70	4.94	4.84	2.53	ppb
Molybdenum	97-1	5.18	4.61	4.51	4.77	7.62	ppb
Molybdenum	98-1	4.77	4.68	4.66	4.71	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.82	0.60	0.78	20.90	ppb
Phosphorus	31-2	-0.52	-23.89	-23.89	-16.10		ppb
Potassium	39-2	487.90	539.07	484.54	503.84	6.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	6.01	12.25	6.03	8.10	44.39	ppb
Selenium	78-2	5.41	7.48	1.57	4.82	62.16	ppb
Selenium	82-1	5.22	4.55	4.60	4.79	7.80	ppb
Silicon	28-1	12.95	8.02	8.64	9.87	27.23	ppb
Silver	109-1	1.05	1.06	1.00	1.03	3.12	ppb
Silver	107-1	0.99	1.03	1.00	1.01	2.05	ppb
Sodium	23-2	534.07	547.27	529.24	536.86	1.74	ppb
Strontium	86-1	0.96	0.85	0.79	0.87	9.82	ppb
Strontium	88-1	1.01	1.00	0.97	0.99	2.17	ppb
Sulfur	34-1	518.64	-164.00	-77.94	92.23	403.09	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.05	0.98	0.97	1.00	4.38	ppb
Thallium	205-1	0.97	0.96	0.94	0.96	1.57	ppb
Thorium	232-1	0.86	0.84	0.87	0.86	1.65	cps
Tin	118-1	4.95	4.85	4.88	4.89	1.07	ppb
Titanium	47-1	4.57	4.81	4.68	4.69	2.50	ppb
Uranium	238-1	1.03	0.98	1.03	1.01	2.73	ppb
Vanadium	51-2	4.71	4.78	4.70	4.73	0.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.76	1.98	2.54	2.09	19.06	ppb
Zirconium	90-1	1.06	0.98	0.94	0.99	6.36	ppb
Zirconium	91-1	0.99	0.87	1.11	0.99	11.95	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:25:02	DataFile Name :	046CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.90	1.04	-0.72	0.74	181.07	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.39	ppb
Arsenic	75-2	0.00	0.11	-0.02	0.03	247.66	ppb
Barium	135-1	-0.03	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.06	0.14	0.09	49.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	5.89	5.79	5.26	5.64	6.01	ppb
Boron	10-1	6.67	5.85	4.96	5.83	14.72	ppb
Cadmium	106-1	0.01	0.06	0.88	0.32	154.13	ppb
Cadmium	108-1	0.00	-0.04	0.03	0.00		ppb
Cadmium	111-1	0.00	0.00	0.07	0.02	183.00	ppb
Calcium	43-1	0.49	1.11	1.05	0.88	38.99	ppb
Calcium	44-1	-4.53	-2.71	-3.49	-3.58		ppb
Chromium	52-2	-0.17	-0.10	0.00	-0.09		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	30.41	ppb
Copper	63-2	-0.07	-0.08	-0.09	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	-0.26	0.07	-0.07	-0.09		ppb
Iron	57-2	1.03	-0.72	0.85	0.39	247.52	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.02	0.02	44.62	ppb
Lead	207-1	0.02	0.02	0.01	0.02	32.89	ppb
Lead	208-1	0.02	0.03	0.02	0.02	15.93	ppb
Lithium	6-1				108		%
Magnesium	24-2	-3.53	-0.24	-5.24	-3.00		ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:25:02	DataFile Name :	046CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.48	-0.37	-0.35	-0.40		ppb
Molybdenum	94-1	0.04	0.07	0.06	0.06	28.12	ppb
Molybdenum	95-1	0.02	0.03	0.00	0.02	83.88	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	36.55	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	2137.36	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	1443.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.37	-0.22	-0.28		ppb
Phosphorus	31-2	-0.58	-23.89	-23.89	-16.12		ppb
Potassium	39-2	23.98	28.16	1.69	17.94	79.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.32	0.59	-0.38	-0.37		ppb
Selenium	82-1	-0.34	-0.44	0.03	-0.25		ppb
Silicon	28-1	-7.09	-8.02	-6.58	-7.23		ppb
Silver	109-1	0.01	0.01	0.00	0.01	51.70	ppb
Silver	107-1	0.00	0.00	0.00	0.00	43.11	ppb
Sodium	23-2	50.98	45.16	40.14	45.43	11.94	ppb
Strontium	86-1	-0.04	-0.04	0.00	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-161.30	45.88	187.29	23.95	731.91	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.02	0.03	11.90	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	18.90	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	22.52	cps
Tin	118-1	-0.03	-0.03	-0.01	-0.02		ppb
Titanium	47-1	-0.04	0.00	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2331.95	ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:25:02	DataFile Name :	046CCBE_P8082918 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.09	-0.09	-0.05		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	11.18	ppb
Zirconium	91-1	0.04	0.06	0.01	0.04	67.75	ppb

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	18	10	13	28.64	cps
Antimony	121-1	58	83	58	67	21.65	cps
Arsenic	75-2	0	6	0	2	173.21	cps
Barium	135-1	67	75	50	64	19.92	cps
Barium	137-1	92	117	75	94	22.21	cps
Beryllium	9-1	100	100	94	98	3.26	cps
Bismuth	209-1	5865101	5992833	6010448	5956127	1.33	cps
Bismuth	209-2	1572989	1568289	1583658	1574979	0.50	cps
Boron	11-1	667	792	700	719	9.00	cps
Boron	10-1	108	200	158	156	29.50	cps
Cadmium	106-1	1634	1725	1600	1653	3.92	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Cadmium	111-1	1140	1213	1130	1161	3.91	cps
Calcium	43-1	508	608	617	578	10.43	cps
Calcium	44-1	15084	14867	15568	15173	2.36	cps
Chromium	52-2	477	393	523	464	14.18	cps
Cobalt	59-2	67	77	77	73	7.87	cps
Copper	63-2	483	437	487	469	5.96	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Erbium	164-1	25	42	17	28	45.82	cps
Gadolinium	160-1	42	83	92	72	37.09	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8941064	9030314	8993843	8988407	0.50	cps
Holmium	165-2	1963260	1965151	1969732	1966048	0.17	cps
Indium	115-1	7066410	7133621	7031994	7077342	0.73	cps
Indium	115-2	300409	298283	301404	300032	0.53	cps
Iron	56-2	1639	1278	1456	1458	12.39	cps
Iron	57-2	28	44	67	46	42.14	cps
Krypton	83-1	330	303	363	332	9.05	cps
Lead	206-1	300	278	239	272	11.36	cps
Lead	207-1	211	317	239	256	21.41	cps
Lead	208-1	1056	1111	983	1050	6.10	cps
Lithium	6-1	1584262	1592827	1591342	1589477	0.29	cps
Magnesium	24-2	700	642	600	647	7.76	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	203	123	153	28.43	cps
Molybdenum	94-1	275	325	333	311	10.14	cps
Molybdenum	95-1	167	108	133	136	21.50	cps
Molybdenum	96-1	225	175	233	211	14.94	cps
Molybdenum	97-1	58	175	83	106	58.19	cps
Molybdenum	98-1	250	275	275	267	5.41	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	423	423	380	409	6.12	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2259	2450	2125	2278	7.17	cps
Rhodium	103-1	6624086	6796318	6747792	6722732	1.32	cps
Rhodium	103-2	1826091	1839995	1837900	1834662	0.41	cps
Scandium	45-1	4135519	4187097	4191627	4171414	0.75	cps
Scandium	45-2	31626	31238	31997	31620	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	37	30	-5	20	110.34	cps
Silicon	28-1	330900	331572	331168	331213	0.10	cps
Silver	109-1	50	67	50	56	17.32	cps
Silver	107-1	117	58	58	78	43.30	cps
Sodium	23-2	4784	5043	4643	4823	4.21	cps
Strontium	86-1	683	575	625	628	8.64	cps
Strontium	88-1	117	208	108	144	38.41	cps
Sulfur	34-1	366347	364731	366218	365765	0.25	cps
Terbium	159-1	9283940	9347359	9239471	9290257	0.58	cps
Terbium	159-2	1893202	1897208	1904294	1898235	0.30	cps
Thallium	203-1	42	117	100	86	45.73	cps
Thallium	205-1	233	267	283	261	9.75	cps
Thorium	232-1	128	178	144	150	16.97	cps
Tin	118-1	1417	1325	1183	1309	8.99	cps
Titanium	47-1	217	158	117	164	30.65	cps
Uranium	238-1	67	25	83	58	51.51	cps
Vanadium	51-2	3	13	13	10	57.75	cps
Yttrium	89-1	7299024	7372367	7361226	7344205	0.54	cps
Yttrium	89-2	222787	221811	223676	222758	0.42	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:23:43	DataFile Name :	003CALB_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87	80	97	88	9.56	cps
Zirconium	90-1	742	592	675	669	11.23	cps
Zirconium	91-1	92	125	150	122	23.95	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	108	135	128	14.36	cps
Antimony	121-1	15935	15251	15877	15688	2.42	cps
Arsenic	75-2	102	83	78	88	14.38	cps
Barium	135-1	16586	16519	16811	16639	0.92	cps
Barium	137-1	28915	29667	28256	28946	2.44	cps
Beryllium	9-1	1261	1406	1339	1335	5.41	cps
Bismuth	209-1	6110011	6128067	5813993	6017357	2.93	cps
Bismuth	209-2	1589760	1620611	1620922	1610431	1.11	cps
Boron	11-1	15626	15851	15409	15629	1.41	cps
Boron	10-1	3376	3692	3542	3537	4.48	cps
Cadmium	106-1	1759	1942	1825	1842	5.04	cps
Cadmium	108-1	108	108	125	114	8.45	cps
Cadmium	111-1	2814	2859	2832	2835	0.80	cps
Calcium	43-1	8887	9287	8861	9012	2.65	cps
Calcium	44-1	154197	154897	153043	154045	0.61	cps
Chromium	52-2	1990	1904	2054	1982	3.80	cps
Cobalt	59-2	1603	1650	1710	1655	3.23	cps
Copper	63-2	3087	3064	3094	3082	0.51	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	3	3	7	4	43.40	cps
Erbium	164-1	75	33	50	53	39.73	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	9289443	9319212	8791180	9133278	3.25	cps
Holmium	165-2	2001572	2022477	2011305	2011785	0.52	cps
Indium	115-1	7300523	7286085	6880680	7155763	3.33	cps
Indium	115-2	307281	307586	305350	306739	0.40	cps
Iron	56-2	26309	26025	26058	26131	0.59	cps
Iron	57-2	672	622	639	644	3.95	cps
Krypton	83-1	443	377	350	390	12.33	cps
Lead	206-1	5540	5796	5557	5631	2.54	cps
Lead	207-1	4979	4962	4751	4897	2.59	cps
Lead	208-1	22837	22203	22798	22612	1.57	cps
Lithium	6-1	1587993	1602741	1542481	1577738	1.99	cps
Magnesium	24-2	13574	12998	13098	13223	2.33	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303	367	317	329	10.15	cps
Molybdenum	94-1	13732	13449	13541	13574	1.07	cps
Molybdenum	95-1	16561	16394	16361	16438	0.65	cps
Molybdenum	96-1	18939	18789	17771	18499	3.44	cps
Molybdenum	97-1	10880	10630	9879	10463	4.98	cps
Molybdenum	98-1	25700	26201	26435	26112	1.44	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	820	927	833	860	6.76	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	9137	8787	8962	8962	1.95	cps
Rhodium	103-1	6905240	6930597	6515366	6783735	3.43	cps
Rhodium	103-2	1852410	1906015	1864257	1874227	1.50	cps
Scandium	45-1	4294001	4333196	4123148	4250115	2.63	cps
Scandium	45-2	32401	32588	31990	32326	0.95	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	7	9	17	11	44.09	cps
Selenium	82-1	416	455	544	472	13.88	cps
Silicon	28-1	388491	389620	390385	389499	0.24	cps
Silver	109-1	7886	7861	7886	7878	0.18	cps
Silver	107-1	8570	8570	8686	8609	0.78	cps
Sodium	23-2	35078	35821	34016	34972	2.59	cps
Strontium	86-1	2625	2650	2559	2611	1.82	cps
Strontium	88-1	19172	18772	18321	18755	2.27	cps
Sulfur	34-1	372949	369340	367215	369835	0.78	cps
Terbium	159-1	9525034	9593997	9084590	9401207	2.94	cps
Terbium	159-2	1860341	1926738	1948225	1911768	2.40	cps
Thallium	203-1	6544	6644	6802	6663	1.96	cps
Thallium	205-1	15619	14834	15235	15229	2.58	cps
Thorium	232-1	20629	20673	20451	20584	0.57	cps
Tin	118-1	27780	27705	28164	27883	0.88	cps
Titanium	47-1	4501	4568	4818	4629	3.61	cps
Uranium	238-1	20668	20025	20618	20437	1.75	cps
Vanadium	51-2	2704	2577	2577	2619	2.79	cps
Yttrium	89-1	7620320	7648857	7249529	7506235	2.97	cps
Yttrium	89-2	227558	229088	229037	228561	0.38	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:31:11	DataFile Name :	005CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	377	313	360	350	9.38	cps
Zirconium	90-1	10730	11647	11530	11302	4.42	cps
Zirconium	91-1	2350	2525	2650	2509	6.01	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5487	5370	5490	5449	1.26	cps
Antimony	121-1	393829	402545	402869	399748	1.28	cps
Arsenic	75-2	4140	4191	4212	4181	0.89	cps
Barium	135-1	429469	431550	425431	428817	0.73	cps
Barium	137-1	745513	756776	749341	750543	0.76	cps
Beryllium	9-1	61944	61258	60890	61364	0.87	cps
Bismuth	209-1	6213751	6014452	6152393	6126865	1.67	cps
Bismuth	209-2	1591105	1632431	1608141	1610559	1.29	cps
Boron	11-1	31085	32429	33331	32282	3.50	cps
Boron	10-1	6860	7402	6860	7041	4.44	cps
Cadmium	106-1	10513	10680	10771	10655	1.23	cps
Cadmium	108-1	6481	6435	6060	6325	3.65	cps
Cadmium	111-1	89416	88532	89073	89007	0.50	cps
Calcium	43-1	88948	88822	87698	88490	0.78	cps
Calcium	44-1	1465662	1504417	1461903	1477327	1.59	cps
Chromium	52-2	36441	37159	36381	36660	1.18	cps
Cobalt	59-2	79897	79354	78942	79398	0.60	cps
Copper	63-2	139475	138299	137579	138451	0.69	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-2	0	7	0	2	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	9297506	9166202	9383671	9282460	1.18	cps
Holmium	165-2	1987849	2014634	2023028	2008504	0.91	cps
Indium	115-1	7289199	7170361	7367102	7275554	1.36	cps
Indium	115-2	304331	304552	302247	303710	0.42	cps
Iron	56-2	1226362	1221099	1222104	1223188	0.23	cps
Iron	57-2	31402	30094	31497	30998	2.53	cps
Krypton	83-1	323	337	380	347	8.55	cps
Lead	206-1	268839	268536	265666	267680	0.65	cps
Lead	207-1	241699	243058	241757	242171	0.32	cps
Lead	208-1	1089307	1094051	1090329	1091229	0.23	cps
Lithium	6-1	1585683	1593353	1625834	1601623	1.33	cps
Magnesium	24-2	131050	132470	130460	131326	0.79	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20512	20939	20422	20624	1.34	cps
Molybdenum	94-1	684194	692417	689029	688547	0.60	cps
Molybdenum	95-1	843365	845565	839571	842834	0.36	cps
Molybdenum	96-1	938585	932227	936303	935705	0.34	cps
Molybdenum	97-1	535447	527188	529535	530723	0.80	cps
Molybdenum	98-1	1363397	1360462	1356066	1359975	0.27	cps
Neodymium	150-1	0	20	47	22	105.36	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	23967	23877	23680	23842	0.62	cps
Phosphorus	31-2	317	267	367	317	15.79	cps
Potassium	39-2	35939	34669	34827	35145	1.97	cps
Rhodium	103-1	6834191	6686999	6966142	6829111	2.04	cps
Rhodium	103-2	1843417	1842898	1853851	1846722	0.33	cps
Scandium	45-1	4288078	4147251	4287252	4240860	1.91	cps
Scandium	45-2	31335	32150	31622	31703	1.30	cps
Selenium	77-2	33	13	20	22	45.83	cps
Selenium	78-2	109	104	98	104	5.36	cps
Selenium	82-1	5348	5599	5292	5413	3.02	cps
Silicon	28-1	535420	533194	536328	534981	0.30	cps
Silver	109-1	428050	423445	424533	425343	0.57	cps
Silver	107-1	446733	450406	446031	447723	0.52	cps
Sodium	23-2	303276	305719	302367	303787	0.57	cps
Strontium	86-1	107463	109294	107966	108241	0.87	cps
Strontium	88-1	929509	934777	927204	930497	0.42	cps
Sulfur	34-1	397546	397396	399100	398014	0.24	cps
Terbium	159-1	9556923	9394855	9623100	9524960	1.23	cps
Terbium	159-2	1895815	1924425	1924032	1914757	0.86	cps
Thallium	203-1	332059	335274	334343	333892	0.50	cps
Thallium	205-1	797366	803408	801436	800736	0.38	cps
Thorium	232-1	1062354	1103585	1129186	1098375	3.07	cps
Tin	118-1	281940	280235	279105	280427	0.51	cps
Titanium	47-1	219410	222372	221074	220952	0.67	cps
Uranium	238-1	1026668	1043438	1024285	1031464	1.01	cps
Vanadium	51-2	27020	27043	26943	27002	0.19	cps
Yttrium	89-1	7631692	7460443	7610209	7567448	1.23	cps
Yttrium	89-2	223807	227327	225386	225507	0.78	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:34:55	DataFile Name :	006CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12159	12206	12172	12179	0.20	cps
Zirconium	90-1	565332	580585	578039	574652	1.42	cps
Zirconium	91-1	126240	127449	125635	126441	0.73	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13002	13435	13019	13152	1.86	cps
Antimony	121-1	1016230	1018294	1016491	1017005	0.11	cps
Arsenic	75-2	10326	10183	10226	10245	0.72	cps
Barium	135-1	1082912	1076579	1076409	1078633	0.34	cps
Barium	137-1	1890624	1912453	1903464	1902180	0.58	cps
Beryllium	9-1	152027	151443	151169	151546	0.29	cps
Bismuth	209-1	5904307	5728355	6251092	5961251	4.46	cps
Bismuth	209-2	1597694	1613443	1605909	1605682	0.49	cps
Boron	11-1	76521	78440	79320	78093	1.83	cps
Boron	10-1	16352	16427	16969	16582	2.03	cps
Cadmium	106-1	25458	24314	24882	24885	2.30	cps
Cadmium	108-1	15855	15764	15822	15814	0.29	cps
Cadmium	111-1	218648	220290	217965	218968	0.55	cps
Calcium	43-1	218355	216663	218897	217972	0.53	cps
Calcium	44-1	3571219	3601341	3614875	3595811	0.62	cps
Chromium	52-2	88403	88612	88004	88340	0.35	cps
Cobalt	59-2	192081	191945	191296	191774	0.22	cps
Copper	63-2	334479	333358	333533	333790	0.18	cps
Dysprosium	156-1	58	58	25	47	40.76	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	13	3	13	10	57.75	cps
Erbium	164-1	17	42	33	31	41.66	cps
Gadolinium	160-1	92	108	75	92	18.18	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	9083750	8973591	9397346	9151563	2.40	cps
Holmium	165-2	2001382	2029084	1992051	2007506	0.96	cps
Indium	115-1	7058365	6821722	7278363	7052817	3.24	cps
Indium	115-2	299470	299632	298934	299346	0.12	cps
Iron	56-2	2993927	2981732	3016592	2997417	0.59	cps
Iron	57-2	74906	73376	75856	74713	1.67	cps
Krypton	83-1	370	353	360	361	2.32	cps
Lead	206-1	668051	672959	672534	671181	0.41	cps
Lead	207-1	607394	613901	609289	610195	0.55	cps
Lead	208-1	2730896	2753606	2746571	2743691	0.42	cps
Lithium	6-1	1559153	1513487	1640460	1571034	4.09	cps
Magnesium	24-2	320455	321247	319522	320408	0.27	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49504	49835	49364	49568	0.49	cps
Molybdenum	94-1	1736305	1756976	1737128	1743470	0.67	cps
Molybdenum	95-1	2158020	2169429	2128838	2152096	0.97	cps
Molybdenum	96-1	2389393	2384882	2343780	2372685	1.06	cps
Molybdenum	97-1	1317672	1320440	1300140	1312751	0.84	cps
Molybdenum	98-1	3373144	3467106	3404138	3414796	1.40	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	57813	57200	56882	57298	0.83	cps
Phosphorus	31-2	683	975	983	881	19.40	cps
Potassium	39-2	84025	84411	81846	83427	1.66	cps
Rhodium	103-1	6574107	6376232	6769245	6573195	2.99	cps
Rhodium	103-2	1812484	1822674	1804762	1813307	0.50	cps
Scandium	45-1	4128252	3926438	4225219	4093303	3.72	cps
Scandium	45-2	30737	30954	30841	30844	0.35	cps
Selenium	77-2	73	83	80	79	6.46	cps
Selenium	78-2	257	283	215	252	13.74	cps
Selenium	82-1	13446	13447	13226	13373	0.95	cps
Silicon	28-1	824107	823852	822946	823635	0.07	cps
Silver	109-1	1057231	1059178	1059695	1058701	0.12	cps
Silver	107-1	1105835	1117019	1106086	1109647	0.58	cps
Sodium	23-2	737023	734526	731280	734276	0.39	cps
Strontium	86-1	267125	269347	264901	267124	0.83	cps
Strontium	88-1	2368814	2357542	2346418	2357591	0.47	cps
Sulfur	34-1	431295	432857	431983	432045	0.18	cps
Terbium	159-1	9366801	9171505	9750613	9429640	3.12	cps
Terbium	159-2	1916604	1935499	1896999	1916367	1.00	cps
Thallium	203-1	836783	841292	842401	840159	0.35	cps
Thallium	205-1	2038705	2076057	2051516	2055426	0.92	cps
Thorium	232-1	2882964	2909022	2877093	2889693	0.59	cps
Tin	118-1	701322	702122	700917	701454	0.09	cps
Titanium	47-1	551408	553356	549423	551396	0.36	cps
Uranium	238-1	2659103	2665100	2682864	2669023	0.46	cps
Vanadium	51-2	65265	65281	63912	64819	1.21	cps
Yttrium	89-1	7354463	7030342	7553643	7312816	3.61	cps
Yttrium	89-2	220972	222740	218300	220671	1.01	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:38:40	DataFile Name :	007CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29508	29077	29067	29218	0.86	cps
Zirconium	90-1	1464494	1478203	1447760	1463485	1.04	cps
Zirconium	91-1	320744	323639	318758	321047	0.76	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25116	24545	24988	24883	1.20	cps
Antimony	121-1	2030192	2020661	2049012	2033288	0.71	cps
Arsenic	75-2	19653	19597	19432	19561	0.59	cps
Barium	135-1	2208161	2147864	2189363	2181796	1.41	cps
Barium	137-1	3745572	3721567	3772631	3746590	0.68	cps
Beryllium	9-1	295448	290335	292012	292598	0.89	cps
Bismuth	209-1	6224810	6449014	6117441	6263755	2.70	cps
Bismuth	209-2	1425714	1590391	1570152	1528752	5.87	cps
Boron	11-1	151702	155171	156445	154440	1.59	cps
Boron	10-1	32287	34091	33649	33342	2.82	cps
Cadmium	106-1	47234	47652	47969	47619	0.77	cps
Cadmium	108-1	30823	31591	31312	31242	1.24	cps
Cadmium	111-1	430042	430693	433642	431459	0.44	cps
Calcium	43-1	428945	426646	422446	426012	0.77	cps
Calcium	44-1	7019541	6963806	6963536	6982295	0.46	cps
Chromium	52-2	167650	168173	166078	167300	0.65	cps
Cobalt	59-2	366935	364403	366001	365780	0.35	cps
Copper	63-2	634736	635437	633289	634487	0.17	cps
Dysprosium	156-1	42	33	50	42	20.00	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-2	0	3	0	1	173.21	cps
Erbium	164-1	42	58	67	56	22.91	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	3	23	0	9	142.00	cps
Holmium	165-1	9503005	9715379	9352791	9523725	1.91	cps
Holmium	165-2	1819883	1999357	1981894	1933711	5.12	cps
Indium	115-1	7124827	7346228	7052026	7174360	2.14	cps
Indium	115-2	263614	286365	284656	278212	4.55	cps
Iron	56-2	5695608	5607260	5591020	5631296	1.00	cps
Iron	57-2	143598	139047	141797	141481	1.62	cps
Krypton	83-1	323	290	360	324	10.79	cps
Lead	206-1	1353973	1345136	1353858	1350989	0.38	cps
Lead	207-1	1228371	1219644	1222830	1223615	0.36	cps
Lead	208-1	5594188	5580309	5567191	5580563	0.24	cps
Lithium	6-1	1564925	1627404	1568663	1586998	2.21	cps
Magnesium	24-2	616395	601903	604642	607646	1.27	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94195	94084	93604	93961	0.33	cps
Molybdenum	94-1	3377321	3361734	3387319	3375458	0.38	cps
Molybdenum	95-1	4181034	4139361	4228183	4182859	1.06	cps
Molybdenum	96-1	4653312	4557827	4564817	4591985	1.16	cps
Molybdenum	97-1	2641023	2629572	2643902	2638166	0.29	cps
Molybdenum	98-1	6689684	6627266	6658906	6658619	0.47	cps
Neodymium	150-1	113	113	87	104	14.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	109318	108575	108717	108870	0.36	cps
Phosphorus	31-2	1775	1584	1542	1634	7.62	cps
Potassium	39-2	154008	153806	154606	154140	0.27	cps
Rhodium	103-1	6662836	6862193	6572430	6699153	2.21	cps
Rhodium	103-2	1611741	1762231	1755943	1709972	4.98	cps
Scandium	45-1	4138941	4311818	4057108	4169289	3.12	cps
Scandium	45-2	26415	28536	28606	27852	4.47	cps
Selenium	77-2	133	133	167	144	13.32	cps
Selenium	78-2	506	463	483	484	4.40	cps
Selenium	82-1	26342	25809	25768	25973	1.23	cps
Silicon	28-1	1162949	1165583	1173055	1167195	0.45	cps
Silver	109-1	2100237	2067438	2090533	2086070	0.81	cps
Silver	107-1	2196731	2183584	2181353	2187222	0.38	cps
Sodium	23-2	1424264	1399572	1408605	1410814	0.89	cps
Strontium	86-1	524804	522684	524123	523870	0.21	cps
Strontium	88-1	4581418	4548917	4543236	4557857	0.45	cps
Sulfur	34-1	489006	483155	477542	483234	1.19	cps
Terbium	159-1	9777467	10000474	9641814	9806585	1.85	cps
Terbium	159-2	1716607	1876230	1869846	1820895	4.96	cps
Thallium	203-1	1714550	1706696	1720090	1713779	0.39	cps
Thallium	205-1	4136689	4048994	4089250	4091644	1.07	cps
Thorium	232-1	5817398	5703964	5752926	5758096	0.99	cps
Tin	118-1	1385249	1383171	1395504	1387974	0.48	cps
Titanium	47-1	1082077	1078151	1081759	1080663	0.20	cps
Uranium	238-1	5359818	5340508	5343426	5347917	0.19	cps
Vanadium	51-2	124356	122228	122759	123114	0.90	cps
Yttrium	89-1	7463549	7666070	7381574	7503731	1.95	cps
Yttrium	89-2	194395	211083	211403	205627	4.73	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:42:17	DataFile Name :	008CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56525	55946	55012	55827	1.37	cps
Zirconium	90-1	2891536	2826172	2850102	2855936	1.16	cps
Zirconium	91-1	626738	620426	624259	623808	0.51	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46497	46876	45692	46355	1.30	cps
Antimony	121-1	3995128	3970103	3993873	3986368	0.35	cps
Arsenic	75-2	36650	35976	36335	36320	0.93	cps
Barium	135-1	4232823	4262035	4253562	4249473	0.35	cps
Barium	137-1	7343069	7360989	7303653	7335904	0.40	cps
Beryllium	9-1	563147	560116	555071	559445	0.73	cps
Bismuth	209-1	6286658	6312109	6177150	6258639	1.15	cps
Bismuth	209-2	1537412	1553649	1558223	1549762	0.71	cps
Boron	11-1	298887	303116	304836	302279	1.01	cps
Boron	10-1	61349	63065	65031	63148	2.92	cps
Cadmium	106-1	90940	90594	89968	90501	0.54	cps
Cadmium	108-1	61062	60255	61058	60792	0.76	cps
Cadmium	111-1	848178	841847	835766	841930	0.74	cps
Calcium	43-1	831698	831074	823872	828881	0.52	cps
Calcium	44-1	13613633	13407038	13451073	13490581	0.81	cps
Chromium	52-2	312983	310578	311218	311593	0.40	cps
Cobalt	59-2	685203	683155	679936	682765	0.39	cps
Copper	63-2	1193425	1190548	1184875	1189616	0.37	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Erbium	164-1	58	17	42	39	53.93	cps
Gadolinium	160-1	100	50	58	69	38.58	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	9579790	9622705	9481094	9561196	0.76	cps
Holmium	165-2	1949212	1981317	1970744	1967091	0.83	cps
Indium	115-1	7064057	7117213	7064259	7081843	0.43	cps
Indium	115-2	273151	273118	271103	272457	0.43	cps
Iron	56-2	10492143	10498057	10459634	10483278	0.20	cps
Iron	57-2	265845	264984	261694	264175	0.83	cps
Krypton	83-1	307	347	213	289	23.68	cps
Lead	206-1	2775437	2737119	2771262	2761273	0.76	cps
Lead	207-1	2542638	2528157	2524303	2531699	0.38	cps
Lead	208-1	11264503	11246203	11279081	11263262	0.15	cps
Lithium	6-1	1569667	1555177	1533666	1552837	1.17	cps
Magnesium	24-2	1179978	1129042	1135120	1148047	2.42	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175385	175501	173432	174772	0.67	cps
Molybdenum	94-1	6615731	6662041	6557128	6611634	0.80	cps
Molybdenum	95-1	8161713	8115754	8071372	8116280	0.56	cps
Molybdenum	96-1	9021477	8984992	8960336	8988935	0.34	cps
Molybdenum	97-1	5154597	5154802	5174189	5161196	0.22	cps
Molybdenum	98-1	13182758	13125252	13124409	13144139	0.25	cps
Neodymium	150-1	260	187	140	196	30.93	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	204880	201451	199690	202007	1.31	cps
Phosphorus	31-2	3084	2984	2959	3009	2.20	cps
Potassium	39-2	284286	284035	278462	282261	1.17	cps
Rhodium	103-1	6630111	6540497	6445748	6538785	1.41	cps
Rhodium	103-2	1686003	1693332	1673470	1684268	0.60	cps
Scandium	45-1	4019010	4000686	3955991	3991896	0.81	cps
Scandium	45-2	27076	27657	27163	27299	1.15	cps
Selenium	77-2	263	240	250	251	4.66	cps
Selenium	78-2	815	850	856	840	2.63	cps
Selenium	82-1	51104	50823	50877	50935	0.29	cps
Silicon	28-1	1897540	1887157	1876910	1887202	0.55	cps
Silver	109-1	4051334	4021544	4019477	4030785	0.44	cps
Silver	107-1	4281083	4232844	4249714	4254547	0.58	cps
Sodium	23-2	2642747	2613275	2598480	2618167	0.86	cps
Strontium	86-1	1025690	1031796	1021040	1026175	0.53	cps
Strontium	88-1	8911289	8901867	8803849	8872335	0.67	cps
Sulfur	34-1	582349	582439	576818	580536	0.55	cps
Terbium	159-1	9870723	9726136	9628510	9741790	1.25	cps
Terbium	159-2	1853335	1855474	1826563	1845124	0.87	cps
Thallium	203-1	3461116	3458339	3467842	3462433	0.14	cps
Thallium	205-1	8153135	8192448	8204631	8183405	0.33	cps
Thorium	232-1	11791378	11674021	11647690	11704363	0.65	cps
Tin	118-1	2739663	2757974	2708589	2735408	0.91	cps
Titanium	47-1	2111817	2055542	2067710	2078356	1.42	cps
Uranium	238-1	10933475	10836983	10828341	10866266	0.54	cps
Vanadium	51-2	232529	229755	228444	230243	0.91	cps
Yttrium	89-1	7481144	7399813	7338129	7406362	0.97	cps
Yttrium	89-2	200595	200192	201243	200676	0.26	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:45:49	DataFile Name :	009CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103842	103375	103066	103428	0.38	cps
Zirconium	90-1	5572073	5580258	5489546	5547292	0.90	cps
Zirconium	91-1	1238082	1243889	1229024	1236998	0.61	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90263	91182	89906	90450	0.73	cps
Antimony	121-1	7863801	7772320	7795682	7810601	0.61	cps
Arsenic	75-2	70322	71135	71655	71037	0.95	cps
Barium	135-1	8387779	8340065	8281693	8336512	0.64	cps
Barium	137-1	14592750	14691920	14472920	14585864	0.75	cps
Beryllium	9-1	1106154	1085144	1092892	1094730	0.97	cps
Bismuth	209-1	6214183	6370771	6398271	6327742	1.57	cps
Bismuth	209-2	1543014	1500817	1561479	1535103	2.03	cps
Boron	11-1	580704	592225	600069	590999	1.65	cps
Boron	10-1	123200	124335	125116	124217	0.78	cps
Cadmium	106-1	175268	176827	177123	176406	0.57	cps
Cadmium	108-1	119049	119452	118010	118837	0.63	cps
Cadmium	111-1	1658309	1657649	1671251	1662403	0.46	cps
Calcium	43-1	1648255	1625696	1632822	1635591	0.71	cps
Calcium	44-1	26296104	26187071	26160452	26214542	0.27	cps
Chromium	52-2	603094	607272	601705	604024	0.48	cps
Cobalt	59-2	1319091	1327246	1325100	1323812	0.32	cps
Copper	63-2	2289297	2322848	2290841	2300995	0.82	cps
Dysprosium	156-1	50	125	217	131	63.94	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-2	13	3	7	8	65.47	cps
Erbium	164-1	67	17	58	47	56.72	cps
Gadolinium	160-1	75	125	108	103	24.77	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	9528488	9759212	9696210	9661303	1.23	cps
Holmium	165-2	1984678	1910945	1985262	1960295	2.18	cps
Indium	115-1	6904329	6980403	6979308	6954680	0.63	cps
Indium	115-2	265798	255666	266084	262516	2.26	cps
Iron	56-2	20332715	20447801	20333052	20371189	0.33	cps
Iron	57-2	516449	517821	515644	516638	0.21	cps
Krypton	83-1	300	410	383	364	15.75	cps
Lead	206-1	5537725	5468534	5498325	5501528	0.63	cps
Lead	207-1	5048785	4971738	5017327	5012617	0.77	cps
Lead	208-1	22536021	22318943	22304944	22386636	0.58	cps
Lithium	6-1	1485907	1531794	1526517	1514739	1.66	cps
Magnesium	24-2	2234201	2255076	2241284	2243520	0.47	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	339089	338520	340617	339409	0.32	cps
Molybdenum	94-1	12957099	12949224	12934943	12947089	0.09	cps
Molybdenum	95-1	15990230	16122896	16053377	16055501	0.41	cps
Molybdenum	96-1	17714388	17821848	17641187	17725808	0.51	cps
Molybdenum	97-1	10030617	10144203	9958244	10044355	0.93	cps
Molybdenum	98-1	25903974	25881952	25612412	25799446	0.63	cps
Neodymium	150-1	373	433	347	384	11.55	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	387519	388742	388869	388376	0.19	cps
Phosphorus	31-2	5410	6243	5826	5826	7.15	cps
Potassium	39-2	542902	541205	548021	544043	0.65	cps
Rhodium	103-1	6294306	6422953	6384187	6367149	1.04	cps
Rhodium	103-2	1658624	1612166	1677656	1649482	2.04	cps
Scandium	45-1	3833495	3987998	3956632	3926042	2.08	cps
Scandium	45-2	26739	26331	27654	26908	2.52	cps
Selenium	77-2	420	490	477	462	8.04	cps
Selenium	78-2	1641	1617	1646	1635	0.96	cps
Selenium	82-1	98373	98720	99106	98733	0.37	cps
Silicon	28-1	3136287	3162697	3137458	3145481	0.47	cps
Silver	109-1	7817486	7824467	7825106	7822353	0.05	cps
Silver	107-1	8177345	8212246	8198832	8196141	0.21	cps
Sodium	23-2	5031970	5065571	5014906	5037482	0.51	cps
Strontium	86-1	2023217	2042567	2014773	2026852	0.70	cps
Strontium	88-1	17449816	17480367	17366376	17432186	0.34	cps
Sulfur	34-1	810234	808559	799809	806201	0.69	cps
Terbium	159-1	9772336	9839156	9825734	9812408	0.36	cps
Terbium	159-2	1850746	1824786	1870387	1848640	1.24	cps
Thallium	203-1	6791043	6841112	6840019	6824058	0.42	cps
Thallium	205-1	16509117	16320712	16192154	16340661	0.98	cps
Thorium	232-1	24267254	23950160	24059323	24092245	0.67	cps
Tin	118-1	5351265	5393444	5348303	5364337	0.47	cps
Titanium	47-1	4008633	4021944	4008307	4012961	0.19	cps
Uranium	238-1	22453947	22015569	22136106	22201874	1.02	cps
Vanadium	51-2	448252	448203	450879	449112	0.34	cps
Yttrium	89-1	7172683	7368600	7348914	7296732	1.48	cps
Yttrium	89-2	199055	192470	198138	196554	1.81	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:49:18	DataFile Name :	010CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199481	198421	201450	199784	0.77	cps
Zirconium	90-1	10882935	10822024	10950469	10885143	0.59	cps
Zirconium	91-1	2451843	2429258	2470760	2450620	0.85	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CAL5_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505608	507409	507788	506935	0.23	cps
Antimony	121-1	21785	21184	20116	21029	4.02	cps
Arsenic	75-2	117	156	117	130	17.32	cps
Barium	135-1	1092	1192	1250	1178	6.80	cps
Barium	137-1	2209	2225	1842	2092	10.36	cps
Beryllium	9-1	744	806	633	728	12.00	cps
Bismuth	209-1	5860026	5794458	5750063	5801516	0.95	cps
Bismuth	209-2	1436074	1446718	1456142	1446311	0.69	cps
Boron	11-1	34743	30793	30007	31848	7.97	cps
Boron	10-1	6760	6577	6368	6568	2.98	cps
Cadmium	106-1	1859	1850	1834	1847	0.69	cps
Cadmium	108-1	63	46	25	44	42.27	cps
Cadmium	111-1	1566	1609	1620	1598	1.80	cps
Calcium	43-1	8301102	8411388	8472790	8395093	1.04	cps
Calcium	44-1	137036641	138032653	138418678	137829324	0.52	cps
Chromium	52-2	21583	21336	21350	21423	0.65	cps
Cobalt	59-2	17695	17114	17711	17507	1.94	cps
Copper	63-2	5628	5898	5918	5815	2.79	cps
Dysprosium	156-1	67	83	133	94	36.73	cps
Dysprosium	156-2	7	17	30	18	65.83	cps
Erbium	164-2	7	10	17	11	45.82	cps
Erbium	164-1	58	33	100	64	52.72	cps
Gadolinium	160-1	75	100	100	92	15.75	cps
Gadolinium	160-2	13	33	17	21	50.75	cps
Holmium	165-1	9356784	9330588	9304123	9330498	0.28	cps
Holmium	165-2	1955493	1961206	1968987	1961896	0.35	cps
Indium	115-1	6754490	6700626	6752697	6735937	0.45	cps
Indium	115-2	270795	273428	273455	272559	0.56	cps
Iron	56-2	108027214	107930302	108393072	108116863	0.23	cps
Iron	57-2	2743592	2745543	2770119	2753085	0.54	cps
Krypton	83-1	343	300	300	314	7.96	cps
Lead	206-1	8881	9204	9281	9122	2.33	cps
Lead	207-1	7797	8097	7614	7836	3.12	cps
Lead	208-1	36105	35976	36678	36253	1.03	cps
Lithium	6-1	1475504	1510572	1530346	1505474	1.84	cps
Magnesium	24-2	11603237	11797037	11869269	11756514	1.17	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1623	1590	1693	1636	3.22	cps
Molybdenum	94-1	13307	12924	12523	12918	3.03	cps
Molybdenum	95-1	20424	20249	20107	20260	0.78	cps
Molybdenum	96-1	23780	23630	22561	23324	2.85	cps
Molybdenum	97-1	13099	12181	12306	12528	3.97	cps
Molybdenum	98-1	33676	32874	33008	33186	1.30	cps
Neodymium	150-1	60	60	80	67	17.32	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	12119	11982	12125	12075	0.67	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3058830	2995527	3069391	3041249	1.31	cps
Rhodium	103-1	6089906	5947592	6076528	6038009	1.30	cps
Rhodium	103-2	1604553	1611667	1643262	1619827	1.27	cps
Scandium	45-1	3886079	3929425	3900201	3905235	0.57	cps
Scandium	45-2	27838	28376	28693	28302	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	67	126	94	95	31.14	cps
Silicon	28-1	517744	533304	534294	528447	1.76	cps
Silver	109-1	725	758	742	742	2.25	cps
Silver	107-1	958	833	658	817	18.45	cps
Sodium	23-2	26920585	27093154	27096144	27036628	0.37	cps
Strontium	86-1	9679	10221	10171	10024	2.99	cps
Strontium	88-1	84611	86373	85182	85389	1.05	cps
Sulfur	34-1	324892	331712	333576	330060	1.39	cps
Terbium	159-1	9566799	9526727	9558841	9550789	0.22	cps
Terbium	159-2	1830276	1875028	1852942	1852749	1.21	cps
Thallium	203-1	3601	3284	3025	3303	8.72	cps
Thallium	205-1	7844	7469	6786	7366	7.29	cps
Thorium	232-1	9270	8158	7452	8294	11.05	cps
Tin	118-1	6910	6302	6502	6571	4.72	cps
Titanium	47-1	1543	1435	758	1246	34.15	cps
Uranium	238-1	3826	3484	3309	3540	7.43	cps
Vanadium	51-2	177	220	213	203	11.48	cps
Yttrium	89-1	7158986	7054072	7155645	7122901	0.84	cps
Yttrium	89-2	205340	208022	207495	206952	0.69	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 12:52:41	DataFile Name :	011CALS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1300	1267	1200	1256	4.06	cps
Zirconium	90-1	2984	2850	2792	2875	3.42	cps
Zirconium	91-1	767	608	742	706	12.06	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2591	2891	2636	2706	5.98	cps
Antimony	121-1	1549796	1571294	1543176	1554755	0.95	cps
Arsenic	75-2	15533	15689	15344	15522	1.11	cps
Barium	135-1	164823	166063	165701	165529	0.39	cps
Barium	137-1	291484	290033	288562	290026	0.50	cps
Beryllium	9-1	115336	114748	113864	114649	0.65	cps
Bismuth	209-1	6330882	6246325	6261764	6279657	0.72	cps
Bismuth	209-2	1619106	1606415	1603740	1609754	0.51	cps
Boron	11-1	312419	320568	330271	321086	2.78	cps
Boron	10-1	66103	68096	70590	68263	3.29	cps
Cadmium	106-1	32565	31270	32006	31947	2.03	cps
Cadmium	108-1	16706	16594	16644	16648	0.34	cps
Cadmium	111-1	175044	174434	174291	174590	0.23	cps
Calcium	43-1	37426	38587	36824	37613	2.38	cps
Calcium	44-1	601618	599339	599620	600193	0.21	cps
Chromium	52-2	67763	67713	64977	66818	2.39	cps
Cobalt	59-2	148491	148585	147801	148292	0.29	cps
Copper	63-2	130835	128968	129224	129675	0.78	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-2	7	17	20	14	48.02	cps
Erbium	164-1	83	58	83	75	19.24	cps
Gadolinium	160-1	100	33	92	75	48.44	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	9554954	9473668	9490894	9506506	0.45	cps
Holmium	165-2	2008887	1985509	2025820	2006738	1.01	cps
Indium	115-1	7309682	7283341	7241844	7278289	0.47	cps
Indium	115-2	298106	294154	294055	295438	0.78	cps
Iron	56-2	462980	463487	459045	461837	0.53	cps
Iron	57-2	11488	11411	11811	11570	1.83	cps
Krypton	83-1	317	320	313	317	1.05	cps
Lead	206-1	1067746	1061292	1072615	1067218	0.53	cps
Lead	207-1	931207	925653	937161	931340	0.62	cps
Lead	208-1	4345048	4311043	4311448	4322513	0.45	cps
Lithium	6-1	1650852	1648825	1646315	1648664	0.14	cps
Magnesium	24-2	30642	30985	31035	30887	0.69	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18789	18606	18105	18500	1.91	cps
Molybdenum	94-1	3172653	3219251	3224677	3205527	0.89	cps
Molybdenum	95-1	1841806	1851679	1832698	1842061	0.52	cps
Molybdenum	96-1	2313307	2303395	2333578	2316760	0.66	cps
Molybdenum	97-1	1109402	1121357	1121694	1117484	0.63	cps
Molybdenum	98-1	2929977	2934987	2935987	2933650	0.11	cps
Neodymium	150-1	7	33	20	20	66.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	44715	44778	43896	44463	1.11	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	27211	27311	27837	27453	1.23	cps
Rhodium	103-1	6933448	6939571	6811994	6895004	1.04	cps
Rhodium	103-2	1867649	1860691	1825151	1851163	1.23	cps
Scandium	45-1	4285767	4319419	4262162	4289116	0.67	cps
Scandium	45-2	32007	31041	31405	31484	1.55	cps
Selenium	77-2	113	97	77	96	19.21	cps
Selenium	78-2	343	372	404	373	8.20	cps
Selenium	82-1	20613	20729	20955	20766	0.84	cps
Silicon	28-1	338180	333864	338395	336813	0.76	cps
Silver	109-1	779507	790191	794954	788217	1.00	cps
Silver	107-1	826427	835895	828788	830370	0.59	cps
Sodium	23-2	120978	120264	118935	120059	0.86	cps
Strontium	86-1	1098070	1097965	1100927	1098988	0.15	cps
Strontium	88-1	9548147	9568425	9565674	9560749	0.12	cps
Sulfur	34-1	364263	360593	354359	359738	1.39	cps
Terbium	159-1	9812023	9741186	9743211	9765473	0.41	cps
Terbium	159-2	1918727	1915337	1904229	1912765	0.40	cps
Thallium	203-1	1329321	1338601	1342602	1336841	0.51	cps
Thallium	205-1	3289904	3278766	3294276	3287648	0.24	cps
Thorium	232-1	11664985	11558330	11574793	11599369	0.50	cps
Tin	118-1	2900415	2889810	2894575	2894933	0.18	cps
Titanium	47-1	461111	459050	456096	458752	0.55	cps
Uranium	238-1	11124892	11166145	11274817	11188618	0.69	cps
Vanadium	51-2	49658	49049	48658	49121	1.03	cps
Yttrium	89-1	7739801	7602891	7635257	7659316	0.93	cps
Yttrium	89-2	221550	220054	220417	220674	0.35	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:15:05	DataFile Name :	012ICV01_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22836	22672	22528	22679	0.68	cps
Zirconium	90-1	5970751	5953856	5950096	5958234	0.18	cps
Zirconium	91-1	1314641	1317243	1322846	1318243	0.32	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	120	115	11.50	cps
Antimony	121-1	15968	16127	16511	16202	1.72	cps
Arsenic	75-2	122	69	91	94	28.76	cps
Barium	135-1	17003	16770	17212	16995	1.30	cps
Barium	137-1	29233	29877	28824	29311	1.81	cps
Beryllium	9-1	1522	1267	1289	1359	10.42	cps
Bismuth	209-1	6247599	6232126	6074923	6184883	1.54	cps
Bismuth	209-2	1606096	1598747	1567044	1590629	1.30	cps
Boron	11-1	17336	19539	19689	18855	6.99	cps
Boron	10-1	3951	4159	4376	4162	5.11	cps
Cadmium	106-1	1975	2017	1900	1964	3.01	cps
Cadmium	108-1	146	163	129	146	11.43	cps
Cadmium	111-1	2839	2994	3011	2948	3.21	cps
Calcium	43-1	8937	8478	9771	9062	7.23	cps
Calcium	44-1	155259	155773	155623	155552	0.17	cps
Chromium	52-2	2114	1914	1920	1982	5.73	cps
Cobalt	59-2	1510	1613	1517	1547	3.74	cps
Copper	63-2	3150	2967	3100	3073	3.09	cps
Dysprosium	156-1	8	17	33	19	65.48	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	3	13	7	8	65.47	cps
Erbium	164-1	50	17	42	36	48.03	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	9447634	9416419	9330988	9398347	0.64	cps
Holmium	165-2	2015220	1988447	1995217	1999628	0.70	cps
Indium	115-1	7343052	7242391	7334142	7306528	0.76	cps
Indium	115-2	300432	298198	293592	297407	1.17	cps
Iron	56-2	26348	25151	26804	26101	3.27	cps
Iron	57-2	783	611	744	713	12.67	cps
Krypton	83-1	313	303	313	310	1.86	cps
Lead	206-1	5696	5952	5974	5874	2.63	cps
Lead	207-1	4823	5135	5073	5010	3.29	cps
Lead	208-1	23004	23543	23248	23265	1.16	cps
Lithium	6-1	1638967	1595418	1644205	1626197	1.65	cps
Magnesium	24-2	13215	13474	13774	13488	2.07	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323	327	313	321	2.16	cps
Molybdenum	94-1	14942	14684	15342	14989	2.21	cps
Molybdenum	95-1	17604	17162	16794	17187	2.36	cps
Molybdenum	96-1	18455	18964	18889	18769	1.46	cps
Molybdenum	97-1	10555	10721	10605	10627	0.81	cps
Molybdenum	98-1	26686	27295	26894	26958	1.15	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	793	883	827	834	5.45	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	8795	8395	8987	8725	3.46	cps
Rhodium	103-1	6876107	6783621	6784836	6814855	0.78	cps
Rhodium	103-2	1877554	1838305	1817536	1844465	1.65	cps
Scandium	45-1	4276107	4236794	4225456	4246119	0.63	cps
Scandium	45-2	31195	31445	30477	31039	1.62	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	15	9	22	15	42.14	cps
Selenium	82-1	604	586	552	581	4.53	cps
Silicon	28-1	369643	375147	370965	371918	0.77	cps
Silver	109-1	8336	8511	8395	8414	1.06	cps
Silver	107-1	8878	8470	8803	8717	2.50	cps
Sodium	23-2	35996	36038	36106	36047	0.15	cps
Strontium	86-1	2534	2559	2734	2609	4.18	cps
Strontium	88-1	19072	19381	19323	19259	0.85	cps
Sulfur	34-1	369574	371615	371025	370738	0.28	cps
Terbium	159-1	9716678	9703952	9553945	9658192	0.94	cps
Terbium	159-2	1927267	1885965	1881256	1898163	1.33	cps
Thallium	203-1	6660	7094	7044	6933	3.42	cps
Thallium	205-1	16595	16837	16461	16631	1.14	cps
Thorium	232-1	22816	22415	23428	22886	2.23	cps
Tin	118-1	28523	28206	29016	28581	1.43	cps
Titanium	47-1	4651	4776	4693	4707	1.35	cps
Uranium	238-1	20659	20601	21236	20832	1.68	cps
Vanadium	51-2	2494	2624	2580	2566	2.58	cps
Yttrium	89-1	7590894	7569509	7553194	7571199	0.25	cps
Yttrium	89-2	224165	220531	218253	220983	1.35	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:39:40	DataFile Name :	014LLIC_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	363	357	327	349	5.60	cps
Zirconium	90-1	14058	13874	13574	13835	1.77	cps
Zirconium	91-1	3176	2909	3334	3139	6.84	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	13	13	15	28.90	cps
Antimony	121-1	433	317	333	361	17.47	cps
Arsenic	75-2	9	4	7	7	41.70	cps
Barium	135-1	33	33	75	47	50.95	cps
Barium	137-1	83	100	83	89	10.83	cps
Beryllium	9-1	150	194	150	165	15.57	cps
Bismuth	209-1	5669146	6090715	6047037	5935633	3.91	cps
Bismuth	209-2	1633306	1530580	1628812	1597566	3.63	cps
Boron	11-1	4976	4418	4151	4515	9.33	cps
Boron	10-1	817	775	1017	870	14.86	cps
Cadmium	106-1	1675	1825	1742	1747	4.30	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Cadmium	111-1	1174	1278	1216	1223	4.27	cps
Calcium	43-1	567	433	583	528	15.58	cps
Calcium	44-1	14683	15793	15401	15292	3.68	cps
Chromium	52-2	403	447	427	426	5.10	cps
Cobalt	59-2	77	83	83	81	4.75	cps
Copper	63-2	433	403	410	416	3.79	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	3	7	7	6	34.70	cps
Erbium	164-1	50	8	42	33	66.15	cps
Gadolinium	160-1	67	117	75	86	31.11	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8466261	9157309	9303593	8975721	4.98	cps
Holmium	165-2	2001289	1932992	2024966	1986416	2.40	cps
Indium	115-1	6606988	7229990	7255186	7030721	5.22	cps
Indium	115-2	304713	291917	303544	300058	2.36	cps
Iron	56-2	1583	1556	1572	1571	0.89	cps
Iron	57-2	17	61	44	41	55.10	cps
Krypton	83-1	340	347	337	341	1.49	cps
Lead	206-1	378	322	333	344	8.54	cps
Lead	207-1	322	322	256	300	12.83	cps
Lead	208-1	1361	1406	1278	1348	4.81	cps
Lithium	6-1	1489712	1602927	1626175	1572938	4.64	cps
Magnesium	24-2	550	467	367	461	19.91	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	93	147	113	25.64	cps
Molybdenum	94-1	600	600	500	567	10.19	cps
Molybdenum	95-1	167	83	192	147	38.53	cps
Molybdenum	96-1	342	325	250	306	15.98	cps
Molybdenum	97-1	117	108	142	122	14.19	cps
Molybdenum	98-1	325	317	283	308	7.15	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	313	363	317	331	8.44	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2517	2342	2334	2398	4.32	cps
Rhodium	103-1	6248922	6829756	6746379	6608352	4.75	cps
Rhodium	103-2	1853866	1802145	1859346	1838453	1.72	cps
Scandium	45-1	3841543	4162107	4197481	4067044	4.82	cps
Scandium	45-2	31833	30176	31218	31076	2.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	35	-5	9	13	153.96	cps
Silicon	28-1	323337	319369	317151	319952	0.98	cps
Silver	109-1	58	67	67	64	7.53	cps
Silver	107-1	92	67	100	86	20.15	cps
Sodium	23-2	6685	6543	6502	6577	1.46	cps
Strontium	86-1	625	767	500	631	21.16	cps
Strontium	88-1	167	250	158	192	26.45	cps
Sulfur	34-1	372704	372993	374018	373238	0.18	cps
Terbium	159-1	8828837	9425640	9598860	9284446	4.35	cps
Terbium	159-2	1938566	1844315	1926462	1903115	2.69	cps
Thallium	203-1	192	192	250	211	15.95	cps
Thallium	205-1	500	417	467	461	9.10	cps
Thorium	232-1	811	917	789	839	8.14	cps
Tin	118-1	1600	1850	1817	1756	7.73	cps
Titanium	47-1	167	142	142	150	9.62	cps
Uranium	238-1	58	50	25	44	39.04	cps
Vanadium	51-2	7	17	7	10	57.72	cps
Yttrium	89-1	6951649	7495290	7492242	7313060	4.28	cps
Yttrium	89-2	224460	215730	223676	221289	2.18	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:43:02	DataFile Name :	015CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87	97	100	94	7.35	cps
Zirconium	90-1	1133	1017	1150	1100	6.60	cps
Zirconium	91-1	242	308	183	244	25.59	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435781	432909	436475	435055	0.43	cps
Antimony	121-1	8603	8511	8737	8617	1.31	cps
Arsenic	75-2	30	30	19	26	24.74	cps
Barium	135-1	2650	2309	2434	2464	7.02	cps
Barium	137-1	4151	4384	4026	4187	4.35	cps
Beryllium	9-1	411	322	383	372	12.22	cps
Bismuth	209-1	5573963	5993017	6143120	5903367	5.00	cps
Bismuth	209-2	1473029	1484895	1505434	1487786	1.10	cps
Boron	11-1	4959	4826	4801	4862	1.75	cps
Boron	10-1	975	1058	1017	1017	4.10	cps
Cadmium	106-1	1609	1433	1634	1559	6.99	cps
Cadmium	108-1	1038	1100	1183	1107	6.61	cps
Cadmium	111-1	1804	1554	1607	1655	7.95	cps
Calcium	43-1	1655899	1636145	1636567	1642870	0.69	cps
Calcium	44-1	26412412	26214621	26383702	26336912	0.41	cps
Chromium	52-2	12753	12539	12576	12623	0.90	cps
Cobalt	59-2	1637	1600	1533	1590	3.30	cps
Copper	63-2	9146	9590	9627	9454	2.83	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-2	17	10	3	10	66.70	cps
Erbium	164-1	58	83	33	58	42.86	cps
Gadolinium	160-1	133	67	42	81	58.82	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	8802416	9514759	9562046	9293073	4.58	cps
Holmium	165-2	1926961	1914821	1941902	1927895	0.70	cps
Indium	115-1	6468861	7018697	7097157	6861572	4.99	cps
Indium	115-2	267240	269933	274087	270420	1.28	cps
Iron	56-2	41673831	41243813	41735130	41550925	0.64	cps
Iron	57-2	1039177	1046498	1046998	1044224	0.42	cps
Krypton	83-1	313	273	350	312	12.28	cps
Lead	206-1	25676	26099	25432	25736	1.31	cps
Lead	207-1	20089	20239	20016	20115	0.56	cps
Lead	208-1	96238	96309	95407	95985	0.52	cps
Lithium	6-1	1458050	1572550	1590052	1540217	4.65	cps
Magnesium	24-2	2288371	2274156	2291309	2284612	0.40	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1463	1357	1317	1379	5.50	cps
Molybdenum	94-1	3587877	3552285	3511382	3550514	1.08	cps
Molybdenum	95-1	6240382	6199488	6198465	6212778	0.38	cps
Molybdenum	96-1	6611551	6624116	6574176	6603281	0.39	cps
Molybdenum	97-1	3960524	3935466	3924552	3940180	0.47	cps
Molybdenum	98-1	10007342	9881808	9884779	9924643	0.72	cps
Neodymium	150-1	13	40	20	24	56.78	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2527	2307	2517	2450	5.07	cps
Phosphorus	31-2	29757	29473	29707	29646	0.51	cps
Potassium	39-2	1129678	1125234	1134090	1129667	0.39	cps
Rhodium	103-1	5913292	6360950	6439357	6237867	4.55	cps
Rhodium	103-2	1659826	1659594	1699823	1673081	1.38	cps
Scandium	45-1	3688263	4022359	4128657	3946427	5.82	cps
Scandium	45-2	27347	28292	28292	27977	1.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	58	65	19	47	52.16	cps
Silicon	28-1	421544	417966	419122	419544	0.44	cps
Silver	109-1	408	442	617	489	22.89	cps
Silver	107-1	467	542	692	567	20.22	cps
Sodium	23-2	5165896	5155660	5235202	5185586	0.83	cps
Strontium	86-1	69469	68438	67660	68523	1.32	cps
Strontium	88-1	586978	586970	584221	586056	0.27	cps
Sulfur	34-1	2389873	2373317	2358761	2373984	0.66	cps
Terbium	159-1	9077520	9662327	9812580	9517476	4.08	cps
Terbium	159-2	1832162	1845874	1850410	1842815	0.52	cps
Thallium	203-1	492	700	558	583	18.24	cps
Thallium	205-1	1475	1433	1483	1464	1.83	cps
Thorium	232-1	1222	1089	989	1100	10.64	cps
Tin	118-1	2234	2459	2434	2375	5.19	cps
Titanium	47-1	1679102	1659783	1660559	1666481	0.66	cps
Uranium	238-1	433	375	350	386	11.08	cps
Vanadium	51-2	63	67	73	68	7.51	cps
Yttrium	89-1	6819537	7331906	7422635	7191359	4.52	cps
Yttrium	89-2	199535	201209	205576	202107	1.54	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:46:25	DataFile Name :	016ICSA01_P8082918 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1257	1300	1157	1238	5.94	cps
Zirconium	90-1	8270	7135	5551	6985	19.54	cps
Zirconium	91-1	1884	1584	1392	1620	15.30	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 13:49:43 DataFile Name : 017ICSB_P8082918 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434321	433888	432378	433529	0.24	cps
Antimony	121-1	161811	161936	159137	160962	0.98	cps
Arsenic	75-2	1459	1393	1465	1439	2.79	cps
Barium	135-1	36359	36075	36710	36382	0.87	cps
Barium	137-1	61954	60983	61017	61318	0.90	cps
Beryllium	9-1	22908	23030	22062	22666	2.33	cps
Bismuth	209-1	6036069	6048744	6055331	6046715	0.16	cps
Bismuth	209-2	1503318	1500335	1498681	1500778	0.16	cps
Boron	11-1	38812	40233	38971	39338	1.98	cps
Boron	10-1	8561	7944	8378	8294	3.82	cps
Cadmium	106-1	5885	5852	6027	5921	1.57	cps
Cadmium	108-1	3621	3813	3959	3798	4.46	cps
Cadmium	111-1	34207	34505	33941	34218	0.82	cps
Calcium	43-1	1659707	1633508	1602707	1631974	1.75	cps
Calcium	44-1	26460212	26329017	26456499	26415242	0.28	cps
Chromium	52-2	24739	25330	24879	24983	1.24	cps
Cobalt	59-2	28817	29117	28783	28906	0.64	cps
Copper	63-2	33029	32846	32909	32928	0.28	cps
Dysprosium	156-1	17	50	75	47	61.97	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-2	33	13	10	19	66.81	cps
Erbium	164-1	42	67	50	53	24.12	cps
Gadolinium	160-1	117	75	75	89	27.07	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	9447752	9534911	9482475	9488379	0.46	cps
Holmium	165-2	1970120	1943150	1964350	1959207	0.72	cps
Indium	115-1	6975629	7024810	7027926	7009455	0.42	cps
Indium	115-2	273591	273671	272609	273290	0.22	cps
Iron	56-2	41381469	41735729	41239411	41452203	0.62	cps
Iron	57-2	1047004	1041702	1038289	1042332	0.42	cps
Krypton	83-1	333	290	310	311	6.97	cps
Lead	206-1	133967	132047	134559	133524	0.98	cps
Lead	207-1	110370	110824	111227	110807	0.39	cps
Lead	208-1	516111	513615	520164	516630	0.64	cps
Lithium	6-1	1556329	1572981	1579055	1569455	0.75	cps
Magnesium	24-2	2264267	2274619	2246245	2261710	0.63	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:49:43	DataFile Name :	017ICSB_P8082918 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4654	4908	4581	4714	3.64	cps
Molybdenum	94-1	3840987	3901703	3896613	3879767	0.87	cps
Molybdenum	95-1	6401110	6407930	6460974	6423338	0.51	cps
Molybdenum	96-1	6841484	6883709	6845579	6856924	0.34	cps
Molybdenum	97-1	4094942	4058814	4079987	4077914	0.45	cps
Molybdenum	98-1	10339723	10354744	10321015	10338494	0.16	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	10284	10154	10457	10298	1.48	cps
Phosphorus	31-2	29231	29498	29073	29267	0.73	cps
Potassium	39-2	1127562	1135111	1122925	1128533	0.55	cps
Rhodium	103-1	6429601	6448845	6448104	6442184	0.17	cps
Rhodium	103-2	1690782	1685038	1680155	1685325	0.32	cps
Scandium	45-1	3992267	4024865	4035461	4017531	0.56	cps
Scandium	45-2	27758	27971	27724	27818	0.48	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	37	48	33	40	19.52	cps
Selenium	82-1	1903	2044	2001	1983	3.65	cps
Silicon	28-1	612122	611135	614499	612586	0.28	cps
Silver	109-1	144164	147854	145688	145902	1.27	cps
Silver	107-1	153188	152648	152444	152760	0.25	cps
Sodium	23-2	5200827	5152194	5146563	5166528	0.58	cps
Strontium	86-1	180164	177708	180283	179385	0.81	cps
Strontium	88-1	1584670	1608290	1609240	1600733	0.87	cps
Sulfur	34-1	2354110	2347563	2354619	2352097	0.17	cps
Terbium	159-1	9656414	9686332	9707862	9683536	0.27	cps
Terbium	159-2	1876920	1847234	1847111	1857088	0.92	cps
Thallium	203-1	133588	133689	133866	133714	0.11	cps
Thallium	205-1	315716	322902	322884	320501	1.29	cps
Thorium	232-1	778	739	711	743	4.51	cps
Tin	118-1	296740	300856	296911	298169	0.78	cps
Titanium	47-1	1698437	1708945	1732432	1713271	1.02	cps
Uranium	238-1	1199292	1210074	1211813	1207060	0.56	cps
Vanadium	51-2	9553	9240	9333	9375	1.72	cps
Yttrium	89-1	7259104	7394040	7385081	7346075	1.03	cps
Yttrium	89-2	203905	202812	203035	203251	0.28	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:49:43	DataFile Name :	017ICSB_P8082918 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3190	3190	3310	3230	2.15	cps
Zirconium	90-1	604572	609784	614809	609722	0.84	cps
Zirconium	91-1	131842	135644	133995	133827	1.42	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272324	279089	275446	275620	1.23	cps
Antimony	121-1	4054396	4117137	4019327	4063620	1.22	cps
Arsenic	75-2	39259	38307	38697	38754	1.24	cps
Barium	135-1	4320500	4362991	4291571	4325021	0.83	cps
Barium	137-1	7574206	7447041	7460878	7494042	0.93	cps
Beryllium	9-1	595561	599579	593191	596110	0.54	cps
Bismuth	209-1	5970262	6075378	6060747	6035463	0.94	cps
Bismuth	209-2	1513062	1526751	1499318	1513043	0.91	cps
Boron	11-1	322954	333381	331934	329423	1.71	cps
Boron	10-1	69092	71638	72466	71065	2.47	cps
Cadmium	106-1	92307	91686	90704	91566	0.88	cps
Cadmium	108-1	60912	60828	60117	60619	0.72	cps
Cadmium	111-1	837202	840144	830743	836030	0.58	cps
Calcium	43-1	4308421	4328627	4236332	4291127	1.13	cps
Calcium	44-1	69891729	70169556	70445268	70168851	0.39	cps
Chromium	52-2	349677	350407	351211	350432	0.22	cps
Cobalt	59-2	730184	728852	725751	728262	0.31	cps
Copper	63-2	1218206	1216409	1215787	1216800	0.10	cps
Dysprosium	156-1	125	92	83	100	22.05	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-2	13	7	7	9	43.25	cps
Erbium	164-1	33	25	108	56	82.62	cps
Gadolinium	160-1	175	167	100	147	27.92	cps
Gadolinium	160-2	27	30	27	28	6.92	cps
Holmium	165-1	9610584	9690489	9628577	9643217	0.43	cps
Holmium	165-2	2008148	2033057	1961684	2000963	1.81	cps
Indium	115-1	6878292	7039019	7028705	6982005	1.29	cps
Indium	115-2	281102	284706	277810	281206	1.23	cps
Iron	56-2	56797236	56890948	56912698	56866961	0.11	cps
Iron	57-2	1463833	1452993	1455178	1457335	0.39	cps
Krypton	83-1	363	343	413	373	9.66	cps
Lead	206-1	2771396	2748906	2771419	2763907	0.47	cps
Lead	207-1	2520944	2510966	2534004	2521971	0.46	cps
Lead	208-1	11219349	11161119	11283998	11221489	0.55	cps
Lithium	6-1	1599697	1598533	1650620	1616283	1.84	cps
Magnesium	24-2	6136592	6212593	6185912	6178366	0.62	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189716	191058	189084	189953	0.53	cps
Molybdenum	94-1	6779257	6872895	6818537	6823563	0.69	cps
Molybdenum	95-1	8366794	8338869	8320249	8341971	0.28	cps
Molybdenum	96-1	9273228	9380049	9192961	9282079	1.01	cps
Molybdenum	97-1	5246582	5260882	5286048	5264504	0.38	cps
Molybdenum	98-1	13471860	13510472	13403999	13462110	0.40	cps
Neodymium	150-1	260	267	253	260	2.56	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	216249	215534	216824	216202	0.30	cps
Phosphorus	31-2	3492	3150	3484	3376	5.78	cps
Potassium	39-2	1562860	1606127	1583530	1584172	1.37	cps
Rhodium	103-1	6352285	6353047	6353963	6353098	0.01	cps
Rhodium	103-2	1706231	1697048	1693264	1698847	0.39	cps
Scandium	45-1	4147926	4132960	4186530	4155805	0.67	cps
Scandium	45-2	29778	29916	30036	29910	0.43	cps
Selenium	77-2	263	300	230	264	13.24	cps
Selenium	78-2	930	893	872	898	3.24	cps
Selenium	82-1	51699	51917	51719	51778	0.23	cps
Silicon	28-1	2147262	2207155	2195879	2183432	1.46	cps
Silver	109-1	3897376	3909516	3867725	3891539	0.55	cps
Silver	107-1	4060011	4095060	4059851	4071641	0.50	cps
Sodium	23-2	14200299	14391852	14237849	14276667	0.71	cps
Strontium	86-1	1053016	1054878	1060215	1056036	0.35	cps
Strontium	88-1	9126158	9220455	9151098	9165904	0.53	cps
Sulfur	34-1	603532	611609	604306	606482	0.73	cps
Terbium	159-1	9851132	9849878	9912199	9871070	0.36	cps
Terbium	159-2	1891953	1909167	1857059	1886060	1.41	cps
Thallium	203-1	3413579	3376884	3380665	3390376	0.60	cps
Thallium	205-1	8098381	8043604	7984331	8042105	0.71	cps
Thorium	232-1	11633427	11586941	11610184	11610184	0.20	cps
Tin	118-1	2778266	2801092	2803574	2794310	0.50	cps
Titanium	47-1	2190533	2197527	2197902	2195320	0.19	cps
Uranium	238-1	11243970	11213036	11146792	11201266	0.44	cps
Vanadium	51-2	251493	253465	254801	253253	0.66	cps
Yttrium	89-1	7386107	7498045	7471560	7451904	0.79	cps
Yttrium	89-2	213502	216737	212214	214151	1.09	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 13:56:15	DataFile Name :	019CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105668	108255	107069	106997	1.21	cps
Zirconium	90-1	5763378	5754688	5747396	5755154	0.14	cps
Zirconium	91-1	1281283	1285185	1274234	1280234	0.43	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	153	150	142	11.75	cps
Antimony	121-1	15601	15952	15510	15688	1.49	cps
Arsenic	75-2	122	80	72	91	29.54	cps
Barium	135-1	15385	16094	16119	15866	2.63	cps
Barium	137-1	28281	28732	27538	28184	2.14	cps
Beryllium	9-1	1450	1283	1239	1324	8.41	cps
Bismuth	209-1	6110466	6066049	5817383	5997966	2.63	cps
Bismuth	209-2	1584757	1571478	1578516	1578250	0.42	cps
Boron	11-1	16368	17678	18170	17406	5.35	cps
Boron	10-1	3559	3784	3759	3701	3.33	cps
Cadmium	106-1	1925	1917	2000	1947	2.36	cps
Cadmium	108-1	108	150	113	124	18.56	cps
Cadmium	111-1	2868	2879	2926	2891	1.07	cps
Calcium	43-1	9028	8987	8995	9003	0.25	cps
Calcium	44-1	152158	151367	150044	151190	0.71	cps
Chromium	52-2	1917	1947	1894	1919	1.39	cps
Cobalt	59-2	1633	1530	1763	1642	7.12	cps
Copper	63-2	2977	3097	3127	3067	2.59	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	13	3	7	8	65.47	cps
Erbium	164-1	50	75	58	61	20.83	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	3	23	10	12	83.33	cps
Holmium	165-1	9203613	9293189	9158863	9218555	0.74	cps
Holmium	165-2	1987228	1980196	1975184	1980869	0.31	cps
Indium	115-1	7220731	7301267	7065283	7195760	1.67	cps
Indium	115-2	300634	296650	298934	298739	0.67	cps
Iron	56-2	25836	25234	24951	25340	1.78	cps
Iron	57-2	600	694	783	693	13.24	cps
Krypton	83-1	390	323	377	363	9.71	cps
Lead	206-1	5324	5474	5418	5405	1.40	cps
Lead	207-1	4846	5218	5457	5173	5.96	cps
Lead	208-1	22525	22614	22681	22607	0.34	cps
Lithium	6-1	1633980	1640962	1633980	1636308	0.25	cps
Magnesium	24-2	13290	13749	13382	13474	1.80	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	270	333	296	11.30	cps
Molybdenum	94-1	13274	13666	14108	13682	3.05	cps
Molybdenum	95-1	16411	16419	15977	16269	1.55	cps
Molybdenum	96-1	17963	18539	18472	18324	1.72	cps
Molybdenum	97-1	10329	10438	10054	10274	1.93	cps
Molybdenum	98-1	26702	25750	26811	26421	2.21	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	840	903	783	842	7.13	cps
Phosphorus	31-2	33	8	8	17	86.62	cps
Potassium	39-2	9178	9237	8803	9073	2.59	cps
Rhodium	103-1	6820031	6854588	6681164	6785261	1.35	cps
Rhodium	103-2	1859856	1828417	1829144	1839139	0.98	cps
Scandium	45-1	4251541	4322490	4137945	4237325	2.20	cps
Scandium	45-2	31713	31155	32010	31626	1.37	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	15	9	13	12	22.92	cps
Selenium	82-1	440	519	478	479	8.26	cps
Silicon	28-1	377888	376635	374393	376305	0.47	cps
Silver	109-1	8445	7694	8261	8133	4.81	cps
Silver	107-1	7953	8411	8295	8220	2.90	cps
Sodium	23-2	35829	37408	37500	36913	2.54	cps
Strontium	86-1	2950	2650	2667	2756	6.12	cps
Strontium	88-1	17278	17779	17679	17579	1.51	cps
Sulfur	34-1	380235	376252	376504	377664	0.59	cps
Terbium	159-1	9517354	9498009	9324061	9446475	1.13	cps
Terbium	159-2	1906695	1896052	1903450	1902066	0.29	cps
Thallium	203-1	6710	6769	6210	6563	4.68	cps
Thallium	205-1	15886	15811	15468	15722	1.41	cps
Thorium	232-1	20751	20083	21836	20890	4.24	cps
Tin	118-1	27070	27296	28181	27515	2.13	cps
Titanium	47-1	4384	4551	4476	4470	1.87	cps
Uranium	238-1	19516	19725	20476	19906	2.54	cps
Vanadium	51-2	2510	2660	2537	2569	3.12	cps
Yttrium	89-1	7555412	7571981	7403291	7510228	1.24	cps
Yttrium	89-2	222706	221042	220869	221539	0.46	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:28:27	DataFile Name :	021LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	347	300	328	7.50	cps
Zirconium	90-1	13174	12715	12840	12909	1.84	cps
Zirconium	91-1	3009	2692	2992	2898	6.15	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	25	28	25	10.00	cps
Antimony	121-1	450	375	408	411	9.14	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	25	25	8	19	49.50	cps
Barium	137-1	83	75	75	78	6.19	cps
Beryllium	9-1	167	167	122	152	16.90	cps
Bismuth	209-1	6011892	6066436	6092888	6057072	0.68	cps
Bismuth	209-2	1385030	1574286	1576181	1511832	7.26	cps
Boron	11-1	3634	3667	3826	3709	2.76	cps
Boron	10-1	858	917	942	906	4.72	cps
Cadmium	106-1	1759	1609	1675	1681	4.47	cps
Cadmium	108-1	8	8	29	15	78.76	cps
Cadmium	111-1	1233	1133	1161	1176	4.43	cps
Calcium	43-1	633	592	700	642	8.52	cps
Calcium	44-1	15284	14558	16051	15298	4.88	cps
Chromium	52-2	420	430	453	434	3.94	cps
Cobalt	59-2	77	80	83	80	4.17	cps
Copper	63-2	423	420	410	418	1.66	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	7	0	0	2	173.21	cps
Erbium	164-1	33	50	17	33	50.00	cps
Gadolinium	160-1	67	83	117	89	28.64	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	9090378	9283237	9181594	9185070	1.05	cps
Holmium	165-2	1768550	1997541	1992399	1919497	6.81	cps
Indium	115-1	7162275	7260446	7234475	7219065	0.70	cps
Indium	115-2	265220	300859	299722	288600	7.02	cps
Iron	56-2	1561	1739	1639	1646	5.41	cps
Iron	57-2	28	44	44	39	24.75	cps
Krypton	83-1	313	347	280	313	10.64	cps
Lead	206-1	361	422	428	404	9.16	cps
Lead	207-1	333	317	383	344	10.07	cps
Lead	208-1	1372	1422	1572	1456	7.15	cps
Lithium	6-1	1645093	1660542	1655613	1653750	0.48	cps
Magnesium	24-2	575	517	717	603	17.06	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	90	103	99	7.79	cps
Molybdenum	94-1	608	458	508	525	14.55	cps
Molybdenum	95-1	233	325	217	258	22.58	cps
Molybdenum	96-1	325	283	258	289	11.66	cps
Molybdenum	97-1	150	142	167	153	8.33	cps
Molybdenum	98-1	325	342	358	342	4.88	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380	330	263	324	18.04	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2400	2575	2500	2492	3.52	cps
Rhodium	103-1	6714250	6871373	6797926	6794516	1.16	cps
Rhodium	103-2	1642340	1833911	1862349	1779533	6.72	cps
Scandium	45-1	4203546	4268675	4295553	4255925	1.11	cps
Scandium	45-2	28166	31977	31312	30485	6.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	19	-7	74	29	145.36	cps
Silicon	28-1	321082	323418	324627	323042	0.56	cps
Silver	109-1	125	92	75	97	26.18	cps
Silver	107-1	125	100	150	125	20.00	cps
Sodium	23-2	7369	6960	7544	7291	4.11	cps
Strontium	86-1	517	425	633	525	19.89	cps
Strontium	88-1	125	125	142	131	7.37	cps
Sulfur	34-1	376970	379161	377697	377943	0.30	cps
Terbium	159-1	9424944	9543512	9587237	9518565	0.88	cps
Terbium	159-2	1659901	1886289	1907238	1817809	7.54	cps
Thallium	203-1	358	325	342	342	4.88	cps
Thallium	205-1	700	733	608	681	9.51	cps
Thorium	232-1	550	506	667	574	14.50	cps
Tin	118-1	1492	1784	1684	1653	8.97	cps
Titanium	47-1	125	100	133	119	14.52	cps
Uranium	238-1	25	42	50	39	32.73	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Yttrium	89-1	7447019	7672645	7620046	7579904	1.56	cps
Yttrium	89-2	197026	221724	220799	213183	6.57	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:31:50	DataFile Name :	022CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83	77	103	88	15.81	cps
Zirconium	90-1	1150	1033	883	1022	13.08	cps
Zirconium	91-1	208	217	258	228	11.76	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	145	115	22.59	cps
Antimony	121-1	16035	15343	15535	15638	2.29	cps
Arsenic	75-2	87	96	85	90	6.65	cps
Barium	135-1	16452	16769	16669	16630	0.97	cps
Barium	137-1	28674	27421	28390	28162	2.33	cps
Beryllium	9-1	1433	1311	1306	1350	5.35	cps
Bismuth	209-1	6084776	6060326	6107224	6084109	0.39	cps
Bismuth	209-2	1487364	1594668	1586211	1556081	3.83	cps
Boron	11-1	16602	17720	17820	17381	3.89	cps
Boron	10-1	3617	3759	4009	3795	5.23	cps
Cadmium	106-1	1900	2050	1642	1864	11.08	cps
Cadmium	108-1	163	158	92	138	28.91	cps
Cadmium	111-1	3000	2870	2710	2860	5.07	cps
Calcium	43-1	9387	8486	8586	8820	5.60	cps
Calcium	44-1	153565	153185	153909	153553	0.24	cps
Chromium	52-2	2124	1923	1994	2014	5.04	cps
Cobalt	59-2	1553	1520	1683	1586	5.44	cps
Copper	63-2	2974	3194	3247	3138	4.62	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	0	13	7	7	99.98	cps
Erbium	164-1	42	58	67	56	22.91	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	9307285	9316827	9278477	9300863	0.21	cps
Holmium	165-2	1875535	2000765	2025117	1967139	4.08	cps
Indium	115-1	7195984	7308483	7301951	7268806	0.87	cps
Indium	115-2	278595	301935	304192	294907	4.81	cps
Iron	56-2	25540	25663	26520	25908	2.06	cps
Iron	57-2	594	639	689	641	7.37	cps
Krypton	83-1	370	317	383	357	9.89	cps
Lead	206-1	5763	5629	5290	5561	4.38	cps
Lead	207-1	5029	4823	4957	4936	2.11	cps
Lead	208-1	22564	22214	22219	22332	0.90	cps
Lithium	6-1	1639051	1672272	1661314	1657546	1.02	cps
Magnesium	24-2	13198	13390	13265	13285	0.73	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	440	347	410	399	11.95	cps
Molybdenum	94-1	13507	13799	13949	13752	1.64	cps
Molybdenum	95-1	16753	16077	16210	16347	2.19	cps
Molybdenum	96-1	18639	17829	17938	18135	2.42	cps
Molybdenum	97-1	10204	10505	10029	10246	2.35	cps
Molybdenum	98-1	26226	25650	26101	25992	1.17	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	790	883	820	831	5.73	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	9312	8595	9353	9087	4.69	cps
Rhodium	103-1	6895104	6746348	6869870	6837107	1.16	cps
Rhodium	103-2	1730688	1864518	1872773	1822660	4.38	cps
Scandium	45-1	4214944	4317884	4309017	4280615	1.33	cps
Scandium	45-2	29809	31960	32344	31371	4.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	11	7	7	68.65	cps
Selenium	82-1	546	572	462	527	10.89	cps
Silicon	28-1	380173	382896	381756	381608	0.36	cps
Silver	109-1	7836	8511	8278	8208	4.18	cps
Silver	107-1	8545	7819	8353	8239	4.56	cps
Sodium	23-2	37108	36907	36782	36932	0.45	cps
Strontium	86-1	2675	2734	3101	2837	8.12	cps
Strontium	88-1	18455	18213	18639	18435	1.16	cps
Sulfur	34-1	380334	380406	376207	378982	0.63	cps
Terbium	159-1	9511902	9581292	9623979	9572391	0.59	cps
Terbium	159-2	1781752	1924822	1908619	1871731	4.19	cps
Thallium	203-1	6477	6610	6477	6521	1.18	cps
Thallium	205-1	15327	15710	16303	15780	3.12	cps
Thorium	232-1	20011	21714	20595	20773	4.17	cps
Tin	118-1	28682	28523	28866	28690	0.60	cps
Titanium	47-1	4168	4426	4434	4343	3.49	cps
Uranium	238-1	21553	22095	22204	21951	1.59	cps
Vanadium	51-2	2550	2537	2557	2548	0.40	cps
Yttrium	89-1	7593933	7599628	7576436	7589999	0.16	cps
Yttrium	89-2	209174	222921	223480	218525	3.71	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:35:12	DataFile Name :	023SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	363	317	337	339	6.91	cps
Zirconium	90-1	12273	12473	12106	12284	1.50	cps
Zirconium	91-1	2567	2917	2692	2725	6.51	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:47:48 DataFile Name : 024SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	58	28	43	35.29	cps
Antimony	121-1	1900	1717	2150	1922	11.32	cps
Arsenic	75-2	22	26	24	24	7.71	cps
Barium	135-1	1917	2242	2192	2117	8.27	cps
Barium	137-1	3759	3709	3892	3787	2.50	cps
Beryllium	9-1	394	467	467	443	9.42	cps
Bismuth	209-1	6168276	6065321	6174556	6136051	1.00	cps
Bismuth	209-2	1400336	1596278	1592591	1529735	7.33	cps
Boron	11-1	3492	3584	4042	3706	7.95	cps
Boron	10-1	817	767	692	758	8.30	cps
Cadmium	106-1	1667	1792	1634	1697	4.92	cps
Cadmium	108-1	42	38	46	42	10.00	cps
Cadmium	111-1	1550	1670	1578	1599	3.91	cps
Calcium	43-1	908	1033	992	978	6.51	cps
Calcium	44-1	22410	22452	22135	22332	0.77	cps
Chromium	52-2	623	633	667	641	3.54	cps
Cobalt	59-2	477	437	490	468	5.93	cps
Copper	63-2	1107	1033	1020	1053	4.43	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	0	7	13	7	99.98	cps
Erbium	164-1	33	83	25	47	66.82	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	17	13	0	10	88.20	cps
Holmium	165-1	9484310	9332423	9411896	9409543	0.81	cps
Holmium	165-2	1770787	2024818	1990672	1928759	7.15	cps
Indium	115-1	7378959	7298498	7367620	7348359	0.59	cps
Indium	115-2	269980	303689	302651	292107	6.56	cps
Iron	56-2	7936	7458	7469	7621	3.58	cps
Iron	57-2	178	189	167	178	6.25	cps
Krypton	83-1	230	320	343	298	20.10	cps
Lead	206-1	1628	1539	1667	1611	4.07	cps
Lead	207-1	1478	1539	1339	1452	7.06	cps
Lead	208-1	6079	6362	6479	6306	3.26	cps
Lithium	6-1	1692432	1659751	1698281	1683488	1.23	cps
Magnesium	24-2	1208	1100	1233	1181	6.00	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:47:48 DataFile Name : 024SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	333	233	280	282	17.73	cps
Molybdenum	94-1	3542	3759	3484	3595	4.03	cps
Molybdenum	95-1	4301	4126	4009	4145	3.54	cps
Molybdenum	96-1	4684	4759	4701	4715	0.84	cps
Molybdenum	97-1	2842	2542	2950	2778	7.62	cps
Molybdenum	98-1	6669	6769	6819	6752	1.13	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380	443	417	413	7.69	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2992	2909	2884	2928	1.94	cps
Rhodium	103-1	7039847	6902050	7017926	6986608	1.06	cps
Rhodium	103-2	1665292	1886122	1874535	1808650	6.87	cps
Scandium	45-1	4408887	4339726	4421971	4390195	1.01	cps
Scandium	45-2	28600	32321	33146	31356	7.72	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	6	9	7	24.97	cps
Selenium	82-1	329	259	209	266	22.83	cps
Silicon	28-1	331108	330978	330923	331003	0.03	cps
Silver	109-1	2109	2309	2359	2259	5.86	cps
Silver	107-1	2025	2059	2509	2198	12.29	cps
Sodium	23-2	8953	8828	8803	8861	0.91	cps
Strontium	86-1	1000	942	1233	1058	14.58	cps
Strontium	88-1	4601	4651	4626	4626	0.54	cps
Sulfur	34-1	390717	387032	390058	389269	0.50	cps
Terbium	159-1	9772647	9600145	9745589	9706127	0.96	cps
Terbium	159-2	1688346	1913278	1939940	1847188	7.48	cps
Thallium	203-1	1825	2059	1692	1859	9.99	cps
Thallium	205-1	4159	4501	4051	4237	5.54	cps
Thorium	232-1	5257	5007	5168	5144	2.46	cps
Tin	118-1	2367	2767	2634	2589	7.87	cps
Titanium	47-1	1142	1117	1258	1172	6.45	cps
Uranium	238-1	6994	7386	7169	7183	2.73	cps
Vanadium	51-2	140	140	183	154	16.20	cps
Yttrium	89-1	7837818	7617184	7790035	7748346	1.50	cps
Yttrium	89-2	199059	226417	223639	216371	6.96	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:47:48	DataFile Name :	024SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	147	150	136	16.37	cps
Zirconium	90-1	3142	3226	3159	3176	1.39	cps
Zirconium	91-1	658	742	767	722	7.85	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:51:11	DataFile Name :	025SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	220	260	249	10.25	cps
Antimony	121-1	30978	31146	31973	31366	1.70	cps
Arsenic	75-2	139	189	172	167	15.28	cps
Barium	135-1	32909	32583	33460	32984	1.34	cps
Barium	137-1	57015	56639	56847	56834	0.33	cps
Beryllium	9-1	2639	2600	2634	2624	0.80	cps
Bismuth	209-1	6082046	6219861	6148797	6150234	1.12	cps
Bismuth	209-2	1624174	1599739	1616914	1613609	0.78	cps
Boron	11-1	31335	31811	32788	31978	2.32	cps
Boron	10-1	6452	7644	7069	7055	8.45	cps
Cadmium	106-1	2192	2400	2059	2217	7.77	cps
Cadmium	108-1	263	304	258	275	9.22	cps
Cadmium	111-1	4659	4580	4657	4632	0.97	cps
Calcium	43-1	18138	16694	17395	17409	4.15	cps
Calcium	44-1	294106	292584	296138	294276	0.61	cps
Chromium	52-2	3427	3384	3557	3456	2.61	cps
Cobalt	59-2	3287	3170	3180	3213	2.01	cps
Copper	63-2	5845	5808	6021	5891	1.94	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	13	17	10	13	25.01	cps
Erbium	164-1	33	50	58	47	26.97	cps
Gadolinium	160-1	92	92	67	83	17.32	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	9290436	9424244	9350017	9354899	0.72	cps
Holmium	165-2	2058789	2030586	2020703	2036693	0.97	cps
Indium	115-1	7330580	7396213	7391051	7372615	0.50	cps
Indium	115-2	306532	303938	306843	305771	0.52	cps
Iron	56-2	51468	50163	49276	50302	2.19	cps
Iron	57-2	1478	1317	1072	1289	15.84	cps
Krypton	83-1	337	357	397	363	8.41	cps
Lead	206-1	10671	10760	10977	10803	1.46	cps
Lead	207-1	9799	9782	10232	9938	2.57	cps
Lead	208-1	44159	43892	44470	44174	0.66	cps
Lithium	6-1	1661076	1698583	1679177	1679612	1.12	cps
Magnesium	24-2	26843	27018	26734	26865	0.53	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:51:11	DataFile Name :	025SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	567	570	593	577	2.52	cps
Molybdenum	94-1	27512	27462	27053	27342	0.92	cps
Molybdenum	95-1	32741	33100	33166	33002	0.69	cps
Molybdenum	96-1	36559	37018	36458	36678	0.81	cps
Molybdenum	97-1	20466	20692	20934	20697	1.13	cps
Molybdenum	98-1	53925	52896	52469	53097	1.41	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1353	1207	1313	1291	5.87	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	16177	16544	15651	16124	2.78	cps
Rhodium	103-1	6963528	6970331	6909779	6947879	0.48	cps
Rhodium	103-2	1924159	1880245	1908783	1904396	1.17	cps
Scandium	45-1	4331298	4378491	4331424	4347071	0.63	cps
Scandium	45-2	33012	32217	32144	32458	1.48	cps
Selenium	77-2	13	3	20	12	68.66	cps
Selenium	78-2	28	26	11	22	42.29	cps
Selenium	82-1	1102	1027	1076	1068	3.54	cps
Silicon	28-1	432289	436503	436099	434964	0.53	cps
Silver	109-1	16219	15601	16002	15941	1.96	cps
Silver	107-1	17379	16552	16920	16950	2.44	cps
Sodium	23-2	68758	67352	67242	67784	1.25	cps
Strontium	86-1	4626	4509	5034	4723	5.84	cps
Strontium	88-1	36801	36817	37210	36943	0.63	cps
Sulfur	34-1	391169	392181	391925	391758	0.13	cps
Terbium	159-1	9615709	9690188	9669814	9658570	0.40	cps
Terbium	159-2	1955000	1897934	1947822	1933585	1.61	cps
Thallium	203-1	13107	12815	12740	12888	1.50	cps
Thallium	205-1	31824	31874	31833	31844	0.08	cps
Thorium	232-1	42769	41185	40338	41431	2.98	cps
Tin	118-1	54554	54512	55098	54721	0.60	cps
Titanium	47-1	9020	9162	9212	9131	1.09	cps
Uranium	238-1	41671	42975	42884	42510	1.71	cps
Vanadium	51-2	5318	5585	4858	5253	7.00	cps
Yttrium	89-1	7594646	7775879	7722362	7697629	1.21	cps
Yttrium	89-2	229091	225937	228691	227906	0.75	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:51:11	DataFile Name :	025SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	630	620	590	613	3.39	cps
Zirconium	90-1	25024	23930	24005	24320	2.51	cps
Zirconium	91-1	5351	5051	5151	5185	2.95	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	48	38	37	30.74	cps
Antimony	121-1	1900	2142	2025	2022	5.98	cps
Arsenic	75-2	17	26	26	23	23.40	cps
Barium	135-1	2225	2067	2075	2123	4.20	cps
Barium	137-1	3767	3926	3784	3826	2.27	cps
Beryllium	9-1	428	433	333	398	14.12	cps
Bismuth	209-1	6248122	6065821	6101979	6138641	1.57	cps
Bismuth	209-2	1624731	1621091	1610746	1618856	0.45	cps
Boron	11-1	4576	4568	4784	4643	2.64	cps
Boron	10-1	1275	1083	917	1092	16.43	cps
Cadmium	106-1	1867	1609	1792	1756	7.57	cps
Cadmium	108-1	33	29	33	32	7.52	cps
Cadmium	111-1	1721	1539	1660	1640	5.65	cps
Calcium	43-1	1042	1067	1075	1061	1.64	cps
Calcium	44-1	21776	23053	22085	22305	2.99	cps
Chromium	52-2	567	640	593	600	6.19	cps
Cobalt	59-2	493	420	470	461	8.13	cps
Copper	63-2	1077	1107	1097	1093	1.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	0	7	10	6	91.64	cps
Erbium	164-1	42	17	58	39	53.93	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	9624961	9280204	9223818	9376328	2.32	cps
Holmium	165-2	2015092	2034645	2028579	2026105	0.49	cps
Indium	115-1	7523771	7396853	7289431	7403352	1.58	cps
Indium	115-2	306951	306888	303185	305675	0.71	cps
Iron	56-2	7569	7241	7146	7319	3.03	cps
Iron	57-2	206	211	183	200	7.35	cps
Krypton	83-1	363	290	390	348	14.89	cps
Lead	206-1	1695	1784	1684	1721	3.19	cps
Lead	207-1	1300	1428	1561	1430	9.13	cps
Lead	208-1	6551	6968	6623	6714	3.32	cps
Lithium	6-1	1681467	1668064	1676886	1675473	0.41	cps
Magnesium	24-2	1150	1025	1033	1070	6.54	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	313	267	272	14.19	cps
Molybdenum	94-1	3542	3451	3476	3490	1.36	cps
Molybdenum	95-1	4226	4268	4026	4173	3.10	cps
Molybdenum	96-1	4809	4943	4826	4859	1.50	cps
Molybdenum	97-1	2734	2775	2550	2687	4.46	cps
Molybdenum	98-1	6777	6568	7444	6930	6.60	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	440	360	433	411	10.80	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2925	2659	2642	2742	5.80	cps
Rhodium	103-1	7097188	6898222	6873533	6956314	1.76	cps
Rhodium	103-2	1897173	1902039	1890555	1896589	0.30	cps
Scandium	45-1	4462905	4293486	4302496	4352962	2.19	cps
Scandium	45-2	32732	32668	32936	32778	0.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	9	9	9	12.36	cps
Selenium	82-1	218	267	238	241	10.14	cps
Silicon	28-1	333128	333530	329042	331900	0.75	cps
Silver	109-1	2034	2284	2175	2164	5.79	cps
Silver	107-1	2067	2200	2342	2203	6.24	cps
Sodium	23-2	8269	8545	8561	8458	1.94	cps
Strontium	86-1	1008	1175	1217	1133	9.73	cps
Strontium	88-1	4634	4693	4709	4679	0.84	cps
Sulfur	34-1	395653	392248	391808	393236	0.54	cps
Terbium	159-1	9867124	9519411	9596396	9660977	1.89	cps
Terbium	159-2	1949029	1932340	1947953	1943107	0.48	cps
Thallium	203-1	1750	1767	1742	1753	0.73	cps
Thallium	205-1	4401	4718	4109	4409	6.90	cps
Thorium	232-1	5518	5941	6407	5955	7.47	cps
Tin	118-1	2534	2976	2534	2681	9.51	cps
Titanium	47-1	1175	1350	1092	1206	10.94	cps
Uranium	238-1	7478	7253	7561	7430	2.15	cps
Vanadium	51-2	163	140	130	144	11.84	cps
Yttrium	89-1	7817136	7708802	7624345	7716761	1.25	cps
Yttrium	89-2	227914	228249	226910	227691	0.31	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:54:33	DataFile Name :	026SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	163	150	167	160	5.51	cps
Zirconium	90-1	3109	3209	3434	3251	5.12	cps
Zirconium	91-1	775	483	683	647	23.05	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:57:56 DataFile Name : 027SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	43	55	44	22.87	cps
Antimony	121-1	1942	2309	2300	2184	9.59	cps
Arsenic	75-2	15	30	22	22	33.35	cps
Barium	135-1	2017	1859	2150	2009	7.27	cps
Barium	137-1	3617	3634	3592	3615	0.58	cps
Beryllium	9-1	528	456	506	496	7.45	cps
Bismuth	209-1	6300891	6093218	6117463	6170524	1.84	cps
Bismuth	209-2	1599579	1624442	1601307	1608442	0.86	cps
Boron	11-1	3659	3726	3967	3784	4.29	cps
Boron	10-1	725	975	875	858	14.66	cps
Cadmium	106-1	1717	1742	1834	1764	3.48	cps
Cadmium	108-1	63	46	38	49	26.19	cps
Cadmium	111-1	1600	1566	1699	1622	4.25	cps
Calcium	43-1	1058	1017	1075	1050	2.86	cps
Calcium	44-1	22135	21267	21092	21498	2.60	cps
Chromium	52-2	607	517	560	561	8.02	cps
Cobalt	59-2	410	443	440	431	4.26	cps
Copper	63-2	1177	1063	1083	1108	5.46	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	10	3	3	6	69.34	cps
Erbium	164-1	50	25	67	47	44.41	cps
Gadolinium	160-1	67	75	42	61	28.38	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	9268266	9370891	9430310	9356489	0.88	cps
Holmium	165-2	2008422	1960964	1983056	1984147	1.20	cps
Indium	115-1	7531600	7376972	7387952	7432175	1.16	cps
Indium	115-2	305645	299544	300375	301855	1.10	cps
Iron	56-2	7469	7797	7891	7719	2.87	cps
Iron	57-2	156	178	122	152	18.41	cps
Krypton	83-1	310	317	333	320	3.75	cps
Lead	206-1	1672	1700	1528	1633	5.66	cps
Lead	207-1	1417	1500	1428	1448	3.12	cps
Lead	208-1	6423	6479	6434	6445	0.46	cps
Lithium	6-1	1704709	1668077	1683024	1685270	1.09	cps
Magnesium	24-2	1275	1133	1075	1161	8.86	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 14:57:56 DataFile Name : 027SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	233	213	249	18.23	cps
Molybdenum	94-1	3601	3751	3651	3667	2.08	cps
Molybdenum	95-1	4259	3934	4284	4159	4.70	cps
Molybdenum	96-1	4834	4684	4651	4723	2.07	cps
Molybdenum	97-1	2684	2509	2609	2600	3.38	cps
Molybdenum	98-1	7061	6510	6543	6705	4.60	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	420	450	434	3.46	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2425	2775	2375	2525	8.63	cps
Rhodium	103-1	7039476	6984347	6940425	6988083	0.71	cps
Rhodium	103-2	1890002	1819593	1860629	1856741	1.90	cps
Scandium	45-1	4380431	4317648	4418335	4372138	1.16	cps
Scandium	45-2	32498	31786	32053	32113	1.12	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	7	2	5	57.32	cps
Selenium	82-1	292	306	274	291	5.44	cps
Silicon	28-1	332885	333111	332228	332742	0.14	cps
Silver	109-1	2167	2125	2209	2167	1.92	cps
Silver	107-1	2542	2042	2442	2342	11.30	cps
Sodium	23-2	8595	8603	8386	8528	1.44	cps
Strontium	86-1	1133	1267	925	1108	15.54	cps
Strontium	88-1	5026	4718	4726	4823	3.64	cps
Sulfur	34-1	388701	394140	390039	390960	0.72	cps
Terbium	159-1	9712972	9650662	9699571	9687735	0.34	cps
Terbium	159-2	1938735	1877491	1904392	1906873	1.61	cps
Thallium	203-1	1834	2009	2017	1953	5.30	cps
Thallium	205-1	4384	4201	4468	4351	3.14	cps
Thorium	232-1	5485	5246	5574	5435	3.12	cps
Tin	118-1	2725	2634	2592	2650	2.57	cps
Titanium	47-1	1425	1183	1125	1245	12.78	cps
Uranium	238-1	7119	7352	7294	7255	1.67	cps
Vanadium	51-2	113	97	107	106	7.95	cps
Yttrium	89-1	7753781	7684838	7646707	7695108	0.71	cps
Yttrium	89-2	227303	221068	224778	224383	1.40	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 14:57:56	DataFile Name :	027SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	173	133	157	154	13.01	cps
Zirconium	90-1	3276	3351	3217	3281	2.04	cps
Zirconium	91-1	717	750	717	728	2.65	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:01:19 DataFile Name : 028SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245	225	210	227	7.75	cps
Antimony	121-1	31781	30436	32207	31474	2.94	cps
Arsenic	75-2	154	152	174	160	7.71	cps
Barium	135-1	33184	33736	32716	33212	1.54	cps
Barium	137-1	58940	58338	57978	58418	0.83	cps
Beryllium	9-1	2767	2500	2639	2636	5.06	cps
Bismuth	209-1	6123152	6169481	6223160	6171931	0.81	cps
Bismuth	209-2	1457350	1608765	1580719	1548944	5.20	cps
Boron	11-1	32396	32822	33356	32858	1.46	cps
Boron	10-1	6352	6552	7461	6788	8.71	cps
Cadmium	106-1	1925	2209	2117	2084	6.94	cps
Cadmium	108-1	263	321	225	269	17.92	cps
Cadmium	111-1	4456	4518	4608	4527	1.69	cps
Calcium	43-1	17337	17461	17704	17500	1.07	cps
Calcium	44-1	296504	298538	295595	296879	0.51	cps
Chromium	52-2	3544	3501	3434	3493	1.59	cps
Cobalt	59-2	3334	3280	3277	3297	0.96	cps
Copper	63-2	6021	5941	6068	6010	1.07	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-2	20	7	13	13	49.99	cps
Erbium	164-1	17	50	33	33	50.00	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	9351841	9525984	9364210	9414012	1.03	cps
Holmium	165-2	1827556	2023445	1995659	1948887	5.44	cps
Indium	115-1	7325429	7385660	7453592	7388227	0.87	cps
Indium	115-2	279227	307710	302681	296539	5.13	cps
Iron	56-2	50782	51451	50999	51077	0.67	cps
Iron	57-2	1272	1278	1278	1276	0.25	cps
Krypton	83-1	287	307	347	313	9.75	cps
Lead	206-1	10938	11016	11322	11092	1.83	cps
Lead	207-1	10160	9504	9754	9806	3.38	cps
Lead	208-1	44365	43363	44643	44124	1.53	cps
Lithium	6-1	1675850	1684176	1681081	1680369	0.25	cps
Magnesium	24-2	27127	27093	26793	27004	0.68	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:01:19 DataFile Name : 028SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637	557	567	587	7.43	cps
Molybdenum	94-1	27354	29040	28347	28247	3.00	cps
Molybdenum	95-1	31747	32098	33025	32290	2.04	cps
Molybdenum	96-1	37252	36483	36701	36812	1.08	cps
Molybdenum	97-1	20825	20500	20132	20486	1.69	cps
Molybdenum	98-1	53289	54101	53180	53523	0.94	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1370	1377	1277	1341	4.17	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	15951	16978	17053	16660	3.69	cps
Rhodium	103-1	6958476	6962314	6913926	6944905	0.39	cps
Rhodium	103-2	1728096	1910170	1865811	1834693	5.17	cps
Scandium	45-1	4317943	4359872	4400805	4359540	0.95	cps
Scandium	45-2	29394	32154	31368	30972	4.59	cps
Selenium	77-2	0	17	13	10	88.20	cps
Selenium	78-2	31	13	17	20	48.10	cps
Selenium	82-1	1141	1121	1002	1088	6.91	cps
Silicon	28-1	442239	435044	438291	438525	0.82	cps
Silver	109-1	16569	16903	16261	16578	1.94	cps
Silver	107-1	17220	17036	17011	17089	0.67	cps
Sodium	23-2	68231	68557	68490	68426	0.25	cps
Strontium	86-1	5118	4993	4884	4998	2.34	cps
Strontium	88-1	38071	37695	36884	37550	1.62	cps
Sulfur	34-1	392150	392325	393975	392817	0.26	cps
Terbium	159-1	9625928	9801697	9712832	9713486	0.90	cps
Terbium	159-2	1783302	1938198	1928041	1883180	4.60	cps
Thallium	203-1	13867	12957	13550	13458	3.43	cps
Thallium	205-1	31825	30955	33387	32055	3.84	cps
Thorium	232-1	42311	42724	42551	42528	0.49	cps
Tin	118-1	54805	55215	54839	54953	0.41	cps
Titanium	47-1	8895	8686	8895	8825	1.36	cps
Uranium	238-1	42081	43202	43227	42836	1.53	cps
Vanadium	51-2	5408	5058	5404	5290	3.80	cps
Yttrium	89-1	7665426	7718806	7766471	7716901	0.66	cps
Yttrium	89-2	208157	226820	225196	220057	4.70	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:01:19	DataFile Name :	028SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	483	457	607	516	15.52	cps
Zirconium	90-1	23763	24473	23580	23938	1.97	cps
Zirconium	91-1	5376	5535	5226	5379	2.87	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:04:41 DataFile Name : 029SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	38	40	39	3.68	cps
Antimony	121-1	2117	2109	2109	2111	0.23	cps
Arsenic	75-2	15	20	13	16	24.03	cps
Barium	135-1	2025	2150	2250	2142	5.26	cps
Barium	137-1	3401	3926	4026	3784	8.87	cps
Beryllium	9-1	494	406	428	443	10.45	cps
Bismuth	209-1	6226153	6105494	6095414	6142354	1.18	cps
Bismuth	209-2	1529410	1660055	1618644	1602703	4.17	cps
Boron	11-1	4709	4576	4251	4512	5.23	cps
Boron	10-1	850	992	875	906	8.35	cps
Cadmium	106-1	2009	1884	1967	1953	3.26	cps
Cadmium	108-1	33	58	42	44	28.65	cps
Cadmium	111-1	1779	1711	1814	1768	2.97	cps
Calcium	43-1	975	942	1017	978	3.84	cps
Calcium	44-1	21784	22886	22210	22294	2.49	cps
Chromium	52-2	613	583	643	613	4.89	cps
Cobalt	59-2	437	560	507	501	12.34	cps
Copper	63-2	1067	1033	1167	1089	6.37	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	42	28	45.82	cps
Gadolinium	160-1	67	67	100	78	24.75	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	9474650	9360087	9340940	9391892	0.77	cps
Holmium	165-2	1949586	2058192	2021019	2009599	2.75	cps
Indium	115-1	7421230	7393922	7384882	7400011	0.26	cps
Indium	115-2	292287	311588	306846	303574	3.31	cps
Iron	56-2	7669	8086	7458	7738	4.13	cps
Iron	57-2	217	172	222	204	13.45	cps
Krypton	83-1	400	400	340	380	9.12	cps
Lead	206-1	1645	1650	1684	1659	1.27	cps
Lead	207-1	1422	1222	1495	1380	10.22	cps
Lead	208-1	6645	6762	6790	6732	1.14	cps
Lithium	6-1	1717211	1677214	1690637	1695021	1.20	cps
Magnesium	24-2	1250	1108	1167	1175	6.06	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:04:41 DataFile Name : 029SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267	163	240	223	24.02	cps
Molybdenum	94-1	3626	3576	3926	3709	5.11	cps
Molybdenum	95-1	4042	4343	4151	4179	3.64	cps
Molybdenum	96-1	4859	4926	5101	4962	2.52	cps
Molybdenum	97-1	3125	2575	2567	2756	11.61	cps
Molybdenum	98-1	6769	6752	6544	6688	1.88	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	470	437	397	434	8.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2500	2400	2567	2489	3.37	cps
Rhodium	103-1	6980313	7009087	6916077	6968492	0.68	cps
Rhodium	103-2	1829236	1883785	1880926	1864649	1.65	cps
Scandium	45-1	4341371	4320187	4311742	4324433	0.35	cps
Scandium	45-2	30446	32254	32675	31792	3.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	7	8	35.21	cps
Selenium	82-1	164	180	187	177	6.65	cps
Silicon	28-1	332651	331750	332349	332250	0.14	cps
Silver	109-1	2184	2084	2142	2136	2.35	cps
Silver	107-1	2317	2542	2325	2395	5.33	cps
Sodium	23-2	8203	8111	8553	8289	2.81	cps
Strontium	86-1	1067	1158	1075	1100	4.61	cps
Strontium	88-1	4484	4651	4734	4623	2.75	cps
Sulfur	34-1	391668	391825	392837	392110	0.16	cps
Terbium	159-1	9809624	9724112	9669311	9734349	0.73	cps
Terbium	159-2	1846417	1949542	1888260	1894740	2.74	cps
Thallium	203-1	1867	1742	1667	1759	5.75	cps
Thallium	205-1	4076	4293	4426	4265	4.14	cps
Thorium	232-1	5601	5685	5640	5642	0.74	cps
Tin	118-1	2517	2726	2650	2631	4.02	cps
Titanium	47-1	1233	1158	1200	1197	3.14	cps
Uranium	238-1	7619	7669	7369	7553	2.13	cps
Vanadium	51-2	157	143	133	144	8.10	cps
Yttrium	89-1	7723114	7666989	7781321	7723808	0.74	cps
Yttrium	89-2	216907	229074	226405	224128	2.85	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:04:41	DataFile Name :	029SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	180	170	123	158	19.17	cps
Zirconium	90-1	3259	3334	3384	3326	1.89	cps
Zirconium	91-1	725	642	758	708	8.48	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:08:04 DataFile Name : 030SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	53	43	47	11.15	cps
Antimony	121-1	2000	1959	2025	1995	1.69	cps
Arsenic	75-2	28	15	33	25	37.56	cps
Barium	135-1	2117	2025	2367	2170	8.15	cps
Barium	137-1	3351	3717	3592	3553	5.25	cps
Beryllium	9-1	494	456	439	463	6.16	cps
Bismuth	209-1	6197595	5958555	5991151	6049100	2.14	cps
Bismuth	209-2	1589976	1594509	1571028	1585171	0.79	cps
Boron	11-1	4017	3676	3892	3862	4.48	cps
Boron	10-1	825	842	733	800	7.29	cps
Cadmium	106-1	1834	1567	1767	1722	8.06	cps
Cadmium	108-1	50	17	42	36	48.03	cps
Cadmium	111-1	1686	1506	1603	1598	5.64	cps
Calcium	43-1	1242	1267	1183	1231	3.48	cps
Calcium	44-1	23112	21559	21951	22207	3.63	cps
Chromium	52-2	620	593	563	592	4.79	cps
Cobalt	59-2	500	510	493	501	1.67	cps
Copper	63-2	1123	1097	987	1069	6.78	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-2	3	7	13	8	65.47	cps
Erbium	164-1	25	25	25	25	0.00	cps
Gadolinium	160-1	150	67	83	100	44.10	cps
Gadolinium	160-2	3	13	0	6	124.93	cps
Holmium	165-1	9427731	9233867	9254753	9305450	1.14	cps
Holmium	165-2	2002088	2039786	2009184	2017019	0.99	cps
Indium	115-1	7377519	7178875	7274611	7277002	1.37	cps
Indium	115-2	300105	304513	297449	300689	1.19	cps
Iron	56-2	7241	7419	7530	7397	1.97	cps
Iron	57-2	139	172	211	174	20.77	cps
Krypton	83-1	453	343	307	368	20.75	cps
Lead	206-1	1533	1439	1528	1500	3.53	cps
Lead	207-1	1411	1417	1472	1433	2.36	cps
Lead	208-1	6384	6190	6518	6364	2.59	cps
Lithium	6-1	1689028	1650968	1680335	1673443	1.19	cps
Magnesium	24-2	1192	1250	1150	1197	4.20	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:08:04 DataFile Name : 030SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	290	300	284	6.66	cps
Molybdenum	94-1	3284	3434	3909	3542	9.21	cps
Molybdenum	95-1	4543	4476	3909	4309	8.08	cps
Molybdenum	96-1	4559	4718	4484	4587	2.60	cps
Molybdenum	97-1	2592	2409	2725	2575	6.17	cps
Molybdenum	98-1	6560	6702	6193	6485	4.05	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	450	410	427	429	4.69	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2492	2700	2617	2603	4.03	cps
Rhodium	103-1	7008850	6804883	6847148	6886960	1.56	cps
Rhodium	103-2	1848090	1878951	1860743	1862595	0.83	cps
Scandium	45-1	4409950	4210059	4243130	4287713	2.50	cps
Scandium	45-2	31629	32010	31465	31701	0.88	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	11	7	9	24.71	cps
Selenium	82-1	159	233	262	218	24.44	cps
Silicon	28-1	331433	356006	331831	339757	4.14	cps
Silver	109-1	2225	2184	2159	2189	1.54	cps
Silver	107-1	2200	2075	2425	2234	7.94	cps
Sodium	23-2	8428	8486	8344	8420	0.85	cps
Strontium	86-1	1083	1075	1058	1072	1.19	cps
Strontium	88-1	4651	4751	5068	4823	4.51	cps
Sulfur	34-1	391380	391143	389536	390686	0.26	cps
Terbium	159-1	9849257	9461010	9482102	9597456	2.27	cps
Terbium	159-2	1887915	1934485	1898497	1906966	1.28	cps
Thallium	203-1	1742	1800	1742	1761	1.91	cps
Thallium	205-1	4026	4276	4218	4173	3.14	cps
Thorium	232-1	5218	5335	5140	5231	1.87	cps
Tin	118-1	2600	2784	2659	2681	3.50	cps
Titanium	47-1	1008	1100	1192	1100	8.33	cps
Uranium	238-1	6969	7286	7202	7152	2.30	cps
Vanadium	51-2	133	120	143	132	8.86	cps
Yttrium	89-1	7743835	7507336	7632708	7627960	1.55	cps
Yttrium	89-2	223078	224205	222716	223333	0.35	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:08:04	DataFile Name :	030SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	190	120	183	164	23.50	cps
Zirconium	90-1	2900	3017	2900	2939	2.29	cps
Zirconium	91-1	692	567	675	644	10.53	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-08RE Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:11:27 DataFile Name : 031SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205	253	210	223	11.73	cps
Antimony	121-1	30979	31605	29909	30831	2.78	cps
Arsenic	75-2	163	163	183	170	6.93	cps
Barium	135-1	32708	32992	32441	32714	0.84	cps
Barium	137-1	56982	57351	56204	56846	1.03	cps
Beryllium	9-1	2723	2639	2639	2667	1.80	cps
Bismuth	209-1	5941272	5973880	6069747	5994966	1.11	cps
Bismuth	209-2	1619493	1549892	1566194	1578527	2.31	cps
Boron	11-1	30759	31469	32864	31697	3.38	cps
Boron	10-1	6160	7219	6944	6774	8.11	cps
Cadmium	106-1	1909	2025	1909	1947	3.46	cps
Cadmium	108-1	217	271	254	247	11.22	cps
Cadmium	111-1	4439	4374	4559	4457	2.10	cps
Calcium	43-1	17578	18171	17653	17801	1.81	cps
Calcium	44-1	290970	285108	290823	288967	1.16	cps
Chromium	52-2	3234	3134	3464	3277	5.16	cps
Cobalt	59-2	3337	3107	3230	3225	3.57	cps
Copper	63-2	5765	5848	5735	5782	1.02	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-2	17	3	7	9	78.08	cps
Erbium	164-1	42	67	75	61	28.38	cps
Gadolinium	160-1	75	92	50	72	29.04	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	9057759	9195949	9310253	9187987	1.38	cps
Holmium	165-2	2053408	1887950	1971646	1971002	4.20	cps
Indium	115-1	7169880	7147965	7270088	7195977	0.90	cps
Indium	115-2	307466	284612	296793	296290	3.86	cps
Iron	56-2	49522	49879	50413	49938	0.90	cps
Iron	57-2	1233	1133	1322	1230	7.69	cps
Krypton	83-1	353	377	367	366	3.20	cps
Lead	206-1	10555	10466	10927	10649	2.30	cps
Lead	207-1	9304	9548	9899	9584	3.12	cps
Lead	208-1	42763	42902	43970	43211	1.53	cps
Lithium	6-1	1664165	1630570	1651470	1648735	1.03	cps
Magnesium	24-2	26008	26576	26517	26367	1.18	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:11:27	DataFile Name :	031SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	540	603	590	578	5.78	cps
Molybdenum	94-1	27019	27654	27662	27445	1.34	cps
Molybdenum	95-1	32423	32891	32690	32668	0.72	cps
Molybdenum	96-1	36057	36551	38105	36904	2.90	cps
Molybdenum	97-1	21309	20374	20074	20586	3.13	cps
Molybdenum	98-1	51248	53481	52360	52363	2.13	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1237	1257	1140	1211	5.15	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	16268	16110	15601	15993	2.18	cps
Rhodium	103-1	6740687	6816553	6904572	6820604	1.20	cps
Rhodium	103-2	1890357	1763843	1856313	1836837	3.56	cps
Scandium	45-1	4161188	4205849	4283658	4216898	1.47	cps
Scandium	45-2	32304	30223	32160	31562	3.68	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	28	28	13	23	37.46	cps
Selenium	82-1	1080	935	1040	1018	7.38	cps
Silicon	28-1	435812	437164	435175	436050	0.23	cps
Silver	109-1	16803	15735	15751	16096	3.80	cps
Silver	107-1	16185	17838	16953	16992	4.87	cps
Sodium	23-2	68290	67494	68105	67963	0.61	cps
Strontium	86-1	5051	4659	4676	4795	4.62	cps
Strontium	88-1	37394	37135	36558	37029	1.16	cps
Sulfur	34-1	394516	393677	392073	393422	0.32	cps
Terbium	159-1	9411662	9449367	9566060	9475696	0.85	cps
Terbium	159-2	1931501	1834165	1888367	1884678	2.59	cps
Thallium	203-1	13191	13057	12815	13021	1.46	cps
Thallium	205-1	31415	30730	31373	31173	1.23	cps
Thorium	232-1	41280	42818	42963	42354	2.20	cps
Tin	118-1	55132	53608	54286	54342	1.40	cps
Titanium	47-1	9420	8453	8970	8948	5.41	cps
Uranium	238-1	42123	41629	42415	42056	0.94	cps
Vanadium	51-2	5068	5028	5024	5040	0.48	cps
Yttrium	89-1	7498329	7529063	7633626	7553673	0.94	cps
Yttrium	89-2	227987	212460	220670	220372	3.52	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:11:27	DataFile Name :	031SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	627	660	570	619	7.35	cps
Zirconium	90-1	24297	23429	24172	23966	1.96	cps
Zirconium	91-1	5110	5143	5743	5332	6.69	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:14:49	DataFile Name :	032SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	43	30	40	22.53	cps
Antimony	121-1	2034	2059	1792	1961	7.51	cps
Arsenic	75-2	24	20	33	26	25.75	cps
Barium	135-1	2242	2150	2000	2131	5.73	cps
Barium	137-1	3801	3551	3567	3640	3.84	cps
Beryllium	9-1	444	428	383	419	7.55	cps
Bismuth	209-1	6129137	6012871	6209359	6117122	1.62	cps
Bismuth	209-2	1571221	1675197	1541911	1596110	4.39	cps
Boron	11-1	4101	4393	4676	4390	6.55	cps
Boron	10-1	1033	1017	1050	1033	1.61	cps
Cadmium	106-1	1542	2084	1817	1814	14.93	cps
Cadmium	108-1	21	50	38	36	40.53	cps
Cadmium	111-1	1386	1819	1700	1635	13.71	cps
Calcium	43-1	983	1008	1017	1003	1.73	cps
Calcium	44-1	22293	22118	21534	21982	1.81	cps
Chromium	52-2	623	557	587	589	5.67	cps
Cobalt	59-2	560	463	463	496	11.26	cps
Copper	63-2	957	983	1103	1015	7.70	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	3	17	7	9	78.08	cps
Erbium	164-1	50	33	8	31	68.64	cps
Gadolinium	160-1	75	42	125	81	52.07	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	9306065	9353438	9318348	9325951	0.26	cps
Holmium	165-2	2001216	2025016	1933039	1986423	2.40	cps
Indium	115-1	7313072	7310268	7352728	7325356	0.32	cps
Indium	115-2	299019	303927	292044	298330	2.00	cps
Iron	56-2	7591	7052	7725	7456	4.78	cps
Iron	57-2	206	244	239	230	9.16	cps
Krypton	83-1	337	343	307	329	5.94	cps
Lead	206-1	1661	1617	1506	1595	5.03	cps
Lead	207-1	1411	1461	1372	1415	3.15	cps
Lead	208-1	6284	6551	6423	6419	2.08	cps
Lithium	6-1	1652769	1685573	1690032	1676125	1.21	cps
Magnesium	24-2	942	1083	1383	1136	19.85	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : J3762-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 15:14:49 DataFile Name : 032SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	270	290	240	267	9.44	cps
Molybdenum	94-1	3601	3359	3426	3462	3.61	cps
Molybdenum	95-1	4309	4259	4051	4206	3.26	cps
Molybdenum	96-1	4743	4751	4534	4676	2.63	cps
Molybdenum	97-1	2534	2509	2642	2561	2.77	cps
Molybdenum	98-1	7060	6660	6560	6760	3.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	420	380	463	421	9.90	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2800	2559	2642	2667	4.60	cps
Rhodium	103-1	6903439	6899807	6893179	6898808	0.08	cps
Rhodium	103-2	1850051	1896481	1825514	1857349	1.94	cps
Scandium	45-1	4332513	4249516	4324203	4302077	1.06	cps
Scandium	45-2	31489	32768	29985	31414	4.43	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	2	4	6	88.24	cps
Selenium	82-1	314	248	255	272	13.29	cps
Silicon	28-1	465390	330667	331997	376018	20.58	cps
Silver	109-1	2067	2067	2067	2067	0.00	cps
Silver	107-1	2359	2209	2250	2273	3.41	cps
Sodium	23-2	8278	8136	8578	8331	2.71	cps
Strontium	86-1	1008	1017	900	975	6.68	cps
Strontium	88-1	4284	4534	4493	4437	3.02	cps
Sulfur	34-1	394650	390720	393482	392951	0.51	cps
Terbium	159-1	9598045	9610653	9647223	9618641	0.27	cps
Terbium	159-2	1901300	1960208	1881050	1914186	2.15	cps
Thallium	203-1	1634	1900	1850	1795	7.90	cps
Thallium	205-1	4268	4359	4376	4334	1.35	cps
Thorium	232-1	5357	5696	5335	5462	3.71	cps
Tin	118-1	2650	2742	2675	2689	1.76	cps
Titanium	47-1	1217	1083	1100	1133	6.41	cps
Uranium	238-1	7319	7403	7386	7369	0.60	cps
Vanadium	51-2	147	160	140	149	6.84	cps
Yttrium	89-1	7560609	7686616	7685678	7644301	0.95	cps
Yttrium	89-2	222250	225043	218781	222025	1.41	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	J3762-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:14:49	DataFile Name :	032SMPL_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	133	143	170	149	12.73	cps
Zirconium	90-1	2842	3201	3284	3109	7.55	cps
Zirconium	91-1	842	833	633	770	15.33	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270612	272277	271736	271542	0.31	cps
Antimony	121-1	4012579	4001897	3977604	3997360	0.45	cps
Arsenic	75-2	38021	38481	39092	38531	1.39	cps
Barium	135-1	4340989	4299595	4272023	4304202	0.81	cps
Barium	137-1	7449187	7342620	7394143	7395317	0.72	cps
Beryllium	9-1	601950	595734	592046	596577	0.84	cps
Bismuth	209-1	5901292	5927005	5975518	5934605	0.64	cps
Bismuth	209-2	1476333	1520145	1526329	1507602	1.81	cps
Boron	11-1	310962	313865	320439	315089	1.54	cps
Boron	10-1	64789	67342	68070	66734	2.58	cps
Cadmium	106-1	89530	88239	90293	89354	1.16	cps
Cadmium	108-1	60112	59954	59364	59810	0.66	cps
Cadmium	111-1	823507	821932	824125	823188	0.14	cps
Calcium	43-1	4260062	4224747	4189806	4224871	0.83	cps
Calcium	44-1	69154879	69338747	68977881	69157169	0.26	cps
Chromium	52-2	339704	341931	343529	341721	0.56	cps
Cobalt	59-2	713718	722748	718278	718248	0.63	cps
Copper	63-2	1198226	1211128	1208646	1206000	0.57	cps
Dysprosium	156-1	50	158	58	89	67.82	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-2	7	3	13	8	65.47	cps
Erbium	164-1	42	67	42	50	28.87	cps
Gadolinium	160-1	92	117	83	97	17.84	cps
Gadolinium	160-2	20	23	27	23	14.29	cps
Holmium	165-1	9489999	9410353	9497392	9465915	0.51	cps
Holmium	165-2	1952498	2000943	2017223	1990221	1.69	cps
Indium	115-1	6991538	6923998	6906829	6940788	0.65	cps
Indium	115-2	269638	281960	276768	276122	2.24	cps
Iron	56-2	55652421	55831478	56060515	55848138	0.37	cps
Iron	57-2	1405792	1455406	1441261	1434153	1.78	cps
Krypton	83-1	403	317	310	343	15.17	cps
Lead	206-1	2696254	2706804	2695854	2699637	0.23	cps
Lead	207-1	2457455	2494125	2425848	2459143	1.39	cps
Lead	208-1	11001649	11126966	10961808	11030141	0.78	cps
Lithium	6-1	1614188	1586114	1605997	1602099	0.90	cps
Magnesium	24-2	6037278	6045263	6044503	6042348	0.07	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185453	188203	185487	186381	0.85	cps
Molybdenum	94-1	6814522	6705864	6741975	6754120	0.82	cps
Molybdenum	95-1	8389525	8251947	8314793	8318755	0.83	cps
Molybdenum	96-1	9183377	9242610	9117581	9181189	0.68	cps
Molybdenum	97-1	5274275	5236742	5205748	5238922	0.66	cps
Molybdenum	98-1	13487802	13368161	13366524	13407496	0.52	cps
Neodymium	150-1	193	220	307	240	24.69	cps
Neodymium	150-2	17	10	17	14	26.66	cps
Nickel	60-2	210170	213718	212647	212178	0.86	cps
Phosphorus	31-2	3125	3767	3301	3398	9.77	cps
Potassium	39-2	1545504	1557332	1558479	1553772	0.46	cps
Rhodium	103-1	6403452	6302991	6287977	6331473	0.99	cps
Rhodium	103-2	1679883	1694547	1697559	1690663	0.56	cps
Scandium	45-1	4145547	4078461	4074749	4099585	0.97	cps
Scandium	45-2	28730	28927	29200	28952	0.82	cps
Selenium	77-2	227	277	207	237	15.23	cps
Selenium	78-2	932	861	833	875	5.78	cps
Selenium	82-1	51131	50501	50629	50754	0.66	cps
Silicon	28-1	2000935	2027142	2023832	2017303	0.71	cps
Silver	109-1	3970683	3978037	3899902	3949541	1.09	cps
Silver	107-1	4131971	4136971	4122387	4130443	0.18	cps
Sodium	23-2	13974351	13976240	14054598	14001730	0.33	cps
Strontium	86-1	1050494	1050785	1041603	1047628	0.50	cps
Strontium	88-1	9104910	9106226	9120171	9110435	0.09	cps
Sulfur	34-1	635245	627468	617238	626650	1.44	cps
Terbium	159-1	9810063	9518018	9770750	9699610	1.63	cps
Terbium	159-2	1846920	1916009	1894376	1885768	1.87	cps
Thallium	203-1	3350627	3383487	3402950	3379021	0.78	cps
Thallium	205-1	7958955	7974419	7966653	7966676	0.10	cps
Thorium	232-1	11436439	11463188	11676640	11525422	1.14	cps
Tin	118-1	2774971	2745586	2762312	2760956	0.53	cps
Titanium	47-1	2195624	2182196	2166931	2181584	0.66	cps
Uranium	238-1	10706324	10719799	10778326	10734816	0.36	cps
Vanadium	51-2	244309	248281	248248	246946	0.92	cps
Yttrium	89-1	7451679	7408235	7301406	7387107	1.05	cps
Yttrium	89-2	205217	210872	211820	209303	1.71	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:18:12	DataFile Name :	033CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106101	107499	107170	106923	0.68	cps
Zirconium	90-1	5735888	5700070	5685430	5707129	0.45	cps
Zirconium	91-1	1269025	1264375	1259127	1264176	0.39	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	18	23	18	28.59	cps
Antimony	121-1	2109	2242	2684	2345	12.84	cps
Arsenic	75-2	11	7	2	7	68.65	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	50	117	67	78	44.61	cps
Beryllium	9-1	289	172	183	215	29.97	cps
Bismuth	209-1	6133039	6452279	6131833	6239051	2.96	cps
Bismuth	209-2	1580204	1594460	1616049	1596904	1.13	cps
Boron	11-1	5251	5284	4668	5068	6.85	cps
Boron	10-1	1000	900	1017	972	6.49	cps
Cadmium	106-1	1884	1942	1792	1872	4.04	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Cadmium	111-1	1326	1374	1261	1321	4.31	cps
Calcium	43-1	567	733	633	644	13.02	cps
Calcium	44-1	14608	14500	15301	14803	2.94	cps
Chromium	52-2	473	387	473	444	11.26	cps
Cobalt	59-2	63	63	93	73	23.63	cps
Copper	63-2	380	447	383	403	9.31	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	10	0	10	7	86.60	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	9452135	9786574	9328117	9522275	2.49	cps
Holmium	165-2	1994931	2008190	2058419	2020513	1.66	cps
Indium	115-1	7291726	7489206	7299661	7360198	1.52	cps
Indium	115-2	292862	295660	298807	295776	1.01	cps
Iron	56-2	1861	1722	1767	1784	3.98	cps
Iron	57-2	56	22	72	50	50.92	cps
Krypton	83-1	317	323	373	338	9.17	cps
Lead	206-1	306	478	506	430	25.22	cps
Lead	207-1	383	372	450	402	10.47	cps
Lead	208-1	1556	1900	1772	1743	9.99	cps
Lithium	6-1	1665523	1704593	1632365	1667494	2.17	cps
Magnesium	24-2	450	600	508	519	14.56	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	60	73	72	16.21	cps
Molybdenum	94-1	1075	883	1075	1011	10.94	cps
Molybdenum	95-1	975	967	1150	1031	10.05	cps
Molybdenum	96-1	1100	967	933	1000	8.82	cps
Molybdenum	97-1	625	558	492	558	11.94	cps
Molybdenum	98-1	1233	1400	1542	1392	11.09	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	320	260	288	10.51	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2442	2492	2175	2370	7.18	cps
Rhodium	103-1	6820268	6980241	6758913	6853140	1.67	cps
Rhodium	103-2	1799808	1850316	1868058	1839394	1.93	cps
Scandium	45-1	4171378	4364866	4174635	4236960	2.61	cps
Scandium	45-2	30817	30326	31255	30799	1.51	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	41	1	-47	-2	-2837.38	cps
Silicon	28-1	313460	317199	317199	315953	0.68	cps
Silver	109-1	100	108	108	106	4.56	cps
Silver	107-1	208	175	100	161	34.44	cps
Sodium	23-2	7969	7786	8303	8019	3.27	cps
Strontium	86-1	617	625	533	592	8.57	cps
Strontium	88-1	133	192	100	142	32.75	cps
Sulfur	34-1	367594	367982	366698	367425	0.18	cps
Terbium	159-1	9750838	9973888	9558402	9761042	2.13	cps
Terbium	159-2	1884195	1921538	1954466	1920066	1.83	cps
Thallium	203-1	600	600	525	575	7.53	cps
Thallium	205-1	992	1058	1175	1075	8.63	cps
Thorium	232-1	2473	2395	1695	2187	19.59	cps
Tin	118-1	1984	2092	2209	2095	5.37	cps
Titanium	47-1	100	175	125	133	28.64	cps
Uranium	238-1	67	58	67	64	7.53	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	7613452	7773993	7439712	7609052	2.20	cps
Yttrium	89-2	216423	217999	221100	218507	1.09	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:25:24	DataFile Name :	034CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127	107	130	121	10.42	cps
Zirconium	90-1	1617	1508	1400	1508	7.18	cps
Zirconium	91-1	467	258	317	347	30.95	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	15	8	9	56.77	cps
Antimony	121-1	1200	975	1092	1089	10.33	cps
Arsenic	75-2	11	6	2	6	75.49	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	50	17	67	44	57.28	cps
Beryllium	9-1	172	172	156	167	5.77	cps
Bismuth	209-1	5983733	6216652	6213797	6138061	2.18	cps
Bismuth	209-2	1669894	1713104	1602492	1661830	3.35	cps
Boron	11-1	3967	3834	3951	3917	1.85	cps
Boron	10-1	1025	800	767	864	16.27	cps
Cadmium	106-1	1417	1834	1917	1722	15.56	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Cadmium	111-1	1006	1276	1358	1213	15.22	cps
Calcium	43-1	592	558	492	547	9.30	cps
Calcium	44-1	14800	15351	14975	15042	1.87	cps
Chromium	52-2	353	377	383	371	4.24	cps
Cobalt	59-2	60	77	57	64	16.63	cps
Copper	63-2	417	377	387	393	5.29	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	0	10	7	6	91.64	cps
Erbium	164-1	92	25	67	61	55.11	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	9125597	9433678	9410579	9323285	1.84	cps
Holmium	165-2	2024457	2051666	2016861	2030995	0.90	cps
Indium	115-1	7120765	7335500	7360450	7272238	1.81	cps
Indium	115-2	302727	308259	300784	303923	1.28	cps
Iron	56-2	1650	1628	1539	1606	3.66	cps
Iron	57-2	50	44	33	43	19.93	cps
Krypton	83-1	380	350	363	364	4.12	cps
Lead	206-1	439	256	344	346	26.47	cps
Lead	207-1	344	361	306	337	8.46	cps
Lead	208-1	1645	1478	1578	1567	5.35	cps
Lithium	6-1	1583432	1669004	1684157	1645531	3.30	cps
Magnesium	24-2	392	308	475	392	21.28	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	83	107	89	17.72	cps
Molybdenum	94-1	792	675	758	742	8.10	cps
Molybdenum	95-1	483	483	417	461	8.35	cps
Molybdenum	96-1	392	450	667	503	28.82	cps
Molybdenum	97-1	400	225	308	311	28.14	cps
Molybdenum	98-1	675	767	792	744	8.25	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	350	277	327	318	11.79	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	2300	2409	2417	2375	2.74	cps
Rhodium	103-1	6641472	6945005	7029113	6871863	2.97	cps
Rhodium	103-2	1859492	1881023	1851135	1863883	0.83	cps
Scandium	45-1	4063942	4250604	4277137	4197228	2.77	cps
Scandium	45-2	30914	31793	30864	31191	1.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-31	-38	-45	-38	-18.84	cps
Silicon	28-1	311859	309017	311115	310663	0.47	cps
Silver	109-1	75	67	92	78	16.37	cps
Silver	107-1	100	150	67	106	39.74	cps
Sodium	23-2	7377	7969	7761	7702	3.90	cps
Strontium	86-1	533	500	492	508	4.34	cps
Strontium	88-1	142	100	192	144	31.78	cps
Sulfur	34-1	367188	371162	367876	368742	0.58	cps
Terbium	159-1	9401603	9737287	9801076	9646655	2.22	cps
Terbium	159-2	1934108	1940371	1919713	1931397	0.55	cps
Thallium	203-1	400	317	308	342	14.84	cps
Thallium	205-1	933	750	917	867	11.70	cps
Thorium	232-1	1717	1706	1545	1656	5.82	cps
Tin	118-1	1000	1309	967	1092	17.26	cps
Titanium	47-1	75	117	75	89	27.07	cps
Uranium	238-1	42	17	25	28	45.82	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	7362426	7618053	7658831	7546437	2.13	cps
Yttrium	89-2	221188	225365	221936	222830	1.00	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BL	Instrumnet Name :	P8
Client Sample ID :	PB111546BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:28:46	DataFile Name :	035CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	100	67	87	20.35	cps
Zirconium	90-1	1292	1425	1508	1408	7.76	cps
Zirconium	91-1	283	333	317	311	8.18	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	23	23	19	30.14	cps
Antimony	121-1	500	750	650	633	19.87	cps
Arsenic	75-2	6	6	0	4	86.60	cps
Barium	135-1	58	42	25	42	40.00	cps
Barium	137-1	83	25	25	44	75.78	cps
Beryllium	9-1	156	211	150	172	19.62	cps
Bismuth	209-1	6303201	6157000	6167889	6209363	1.31	cps
Bismuth	209-2	1570916	1629798	1621918	1607544	1.99	cps
Boron	11-1	3084	3459	3484	3342	6.71	cps
Boron	10-1	917	708	708	778	15.47	cps
Cadmium	106-1	1925	1784	1709	1806	6.09	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Cadmium	111-1	1359	1254	1201	1271	6.31	cps
Calcium	43-1	642	500	608	583	12.70	cps
Calcium	44-1	14842	14525	14583	14650	1.15	cps
Chromium	52-2	383	423	357	388	8.65	cps
Cobalt	59-2	67	103	40	70	45.43	cps
Copper	63-2	397	450	400	416	7.19	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	10	3	10	8	49.52	cps
Erbium	164-1	25	17	33	25	33.32	cps
Gadolinium	160-1	67	58	33	53	32.88	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	9578409	9425151	9305839	9436466	1.45	cps
Holmium	165-2	2015597	2035157	2045796	2032183	0.75	cps
Indium	115-1	7591947	7324620	7313324	7409963	2.13	cps
Indium	115-2	301725	301896	301796	301805	0.03	cps
Iron	56-2	1500	1467	1572	1513	3.57	cps
Iron	57-2	44	39	22	35	32.88	cps
Krypton	83-1	360	283	317	320	12.01	cps
Lead	206-1	311	356	294	320	9.86	cps
Lead	207-1	283	300	261	281	6.93	cps
Lead	208-1	1339	1428	1250	1339	6.64	cps
Lithium	6-1	1674988	1635898	1636258	1649048	1.36	cps
Magnesium	24-2	417	442	558	472	16.01	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	90	80	89	9.44	cps
Molybdenum	94-1	517	567	575	553	5.71	cps
Molybdenum	95-1	392	425	317	378	14.69	cps
Molybdenum	96-1	475	425	467	456	5.88	cps
Molybdenum	97-1	175	183	158	172	7.39	cps
Molybdenum	98-1	442	567	433	481	15.54	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	347	317	338	5.43	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	2259	2434	2367	2353	3.75	cps
Rhodium	103-1	7038426	6932542	6863016	6944662	1.27	cps
Rhodium	103-2	1859347	1882191	1898577	1880038	1.05	cps
Scandium	45-1	4315724	4255202	4234879	4268602	0.99	cps
Scandium	45-2	30690	31873	32384	31649	2.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-41	50	10	6	724.52	cps
Silicon	28-1	311297	312630	315018	312982	0.60	cps
Silver	109-1	83	83	92	86	5.58	cps
Silver	107-1	50	100	108	86	36.64	cps
Sodium	23-2	7911	7035	7102	7349	6.63	cps
Strontium	86-1	542	433	583	519	14.91	cps
Strontium	88-1	75	100	133	103	28.48	cps
Sulfur	34-1	369776	367164	372874	369938	0.77	cps
Terbium	159-1	9858180	9683547	9640357	9727361	1.19	cps
Terbium	159-2	1909657	1964898	1935614	1936723	1.43	cps
Thallium	203-1	258	283	258	267	5.41	cps
Thallium	205-1	758	733	650	714	7.95	cps
Thorium	232-1	1028	839	872	913	11.04	cps
Tin	118-1	950	967	900	939	3.69	cps
Titanium	47-1	167	92	100	119	34.42	cps
Uranium	238-1	33	17	50	33	50.00	cps
Vanadium	51-2	10	0	17	9	94.38	cps
Yttrium	89-1	7745017	7591041	7536136	7624065	1.42	cps
Yttrium	89-2	220955	223233	225448	223212	1.01	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BL	Instrumnet Name :	P8
Client Sample ID :	PB111548BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:32:08	DataFile Name :	036LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	60	63	79	37.88	cps
Zirconium	90-1	1283	1233	1125	1214	6.67	cps
Zirconium	91-1	292	250	258	267	8.27	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	23	28	22	29.05	cps
Antimony	121-1	442	483	467	464	4.52	cps
Arsenic	75-2	2	4	9	5	78.12	cps
Barium	135-1	33	42	42	39	12.37	cps
Barium	137-1	25	67	17	36	74.18	cps
Beryllium	9-1	128	144	106	126	15.49	cps
Bismuth	209-1	6343124	6287932	6190154	6273737	1.23	cps
Bismuth	209-2	1605326	1606376	1603965	1605222	0.08	cps
Boron	11-1	3034	2950	2784	2923	4.36	cps
Boron	10-1	633	642	650	642	1.30	cps
Cadmium	106-1	1717	1734	1600	1684	4.32	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	1197	1213	1131	1180	3.69	cps
Calcium	43-1	492	617	450	519	16.70	cps
Calcium	44-1	15017	14350	15351	14906	3.42	cps
Chromium	52-2	407	403	407	406	0.47	cps
Cobalt	59-2	80	70	93	81	14.44	cps
Copper	63-2	357	370	440	389	11.51	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-2	0	3	7	3	100.05	cps
Erbium	164-1	25	42	33	33	25.01	cps
Gadolinium	160-1	75	58	50	61	20.84	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	9765073	9539940	9464267	9589760	1.63	cps
Holmium	165-2	2033686	2038211	2045717	2039205	0.30	cps
Indium	115-1	7475760	7434144	7372967	7427624	0.70	cps
Indium	115-2	302312	300979	303091	302127	0.35	cps
Iron	56-2	1400	1489	1489	1459	3.52	cps
Iron	57-2	44	22	39	35	32.88	cps
Krypton	83-1	300	320	383	334	13.01	cps
Lead	206-1	439	361	300	367	18.99	cps
Lead	207-1	283	289	278	283	1.96	cps
Lead	208-1	1461	1311	1272	1348	7.40	cps
Lithium	6-1	1683121	1673373	1686338	1680944	0.40	cps
Magnesium	24-2	508	342	508	453	21.25	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	83	90	94	14.69	cps
Molybdenum	94-1	500	508	433	481	8.55	cps
Molybdenum	95-1	250	233	208	231	9.10	cps
Molybdenum	96-1	367	458	450	425	11.93	cps
Molybdenum	97-1	117	158	158	144	16.66	cps
Molybdenum	98-1	392	258	308	319	21.09	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	307	213	323	281	21.09	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2309	2759	2625	2564	9.02	cps
Rhodium	103-1	7079868	6967984	6914955	6987602	1.20	cps
Rhodium	103-2	1878441	1863142	1870418	1870667	0.41	cps
Scandium	45-1	4409384	4302850	4244319	4318851	1.94	cps
Scandium	45-2	31332	31586	30984	31301	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	6	29	-70	-11	-454.72	cps
Silicon	28-1	310290	308869	310330	309830	0.27	cps
Silver	109-1	25	50	67	47	44.41	cps
Silver	107-1	67	75	75	72	6.66	cps
Sodium	23-2	7419	7119	7502	7347	2.75	cps
Strontium	86-1	600	625	600	608	2.37	cps
Strontium	88-1	142	183	100	142	29.41	cps
Sulfur	34-1	375313	370598	373650	373187	0.64	cps
Terbium	159-1	9913634	9878296	9678094	9823342	1.29	cps
Terbium	159-2	1936483	1932687	1932552	1933907	0.12	cps
Thallium	203-1	333	267	233	278	18.33	cps
Thallium	205-1	733	467	450	550	28.91	cps
Thorium	232-1	489	456	517	487	6.28	cps
Tin	118-1	817	908	650	792	16.54	cps
Titanium	47-1	83	150	42	92	59.61	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	7850323	7729259	7603507	7727696	1.60	cps
Yttrium	89-2	222620	221525	223938	222694	0.54	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BL	Instrumnet Name :	P8
Client Sample ID :	PB111550BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:35:31	DataFile Name :	037CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	123	87	91	33.19	cps
Zirconium	90-1	1125	1283	1017	1142	11.75	cps
Zirconium	91-1	292	283	192	256	21.71	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52979	51922	52753	52551	1.06	cps
Antimony	121-1	4134212	4120245	4101413	4118623	0.40	cps
Arsenic	75-2	40455	40656	40613	40575	0.26	cps
Barium	135-1	4410403	4396403	4396111	4400972	0.19	cps
Barium	137-1	7589648	7561662	7616654	7589321	0.36	cps
Beryllium	9-1	613950	603020	607087	608019	0.91	cps
Bismuth	209-1	6161528	6377188	6187025	6241914	1.89	cps
Bismuth	209-2	1634992	1592688	1582170	1603284	1.74	cps
Boron	11-1	307122	315925	322400	315149	2.43	cps
Boron	10-1	64788	67718	67945	66817	2.64	cps
Cadmium	106-1	93716	92793	94144	93551	0.74	cps
Cadmium	108-1	64231	63164	62779	63391	1.19	cps
Cadmium	111-1	871049	867911	875683	871548	0.45	cps
Calcium	43-1	884576	879362	885862	883266	0.39	cps
Calcium	44-1	14609371	14476264	14436956	14507530	0.62	cps
Chromium	52-2	347703	347161	347216	347360	0.09	cps
Cobalt	59-2	752145	753087	757522	754251	0.38	cps
Copper	63-2	1303324	1299403	1305367	1302698	0.23	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-2	17	13	3	11	62.48	cps
Erbium	164-1	58	33	17	36	58.08	cps
Gadolinium	160-1	50	100	108	86	36.64	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	9664034	9812759	9709162	9728652	0.78	cps
Holmium	165-2	2060972	2036240	2072325	2056512	0.90	cps
Indium	115-1	7292210	7436809	7222199	7317073	1.50	cps
Indium	115-2	294320	294471	288991	292594	1.07	cps
Iron	56-2	11715181	11657426	11667049	11679885	0.26	cps
Iron	57-2	295303	292571	296111	294662	0.63	cps
Krypton	83-1	303	390	347	347	12.50	cps
Lead	206-1	2794992	2772211	2775962	2781055	0.44	cps
Lead	207-1	2523529	2539788	2538180	2533832	0.35	cps
Lead	208-1	11307293	11290214	11322898	11306802	0.14	cps
Lithium	6-1	1651740	1685914	1666687	1668114	1.03	cps
Magnesium	24-2	1327371	1321270	1322599	1323747	0.24	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196862	196177	198910	197316	0.72	cps
Molybdenum	94-1	6897173	6871492	6938873	6902513	0.49	cps
Molybdenum	95-1	8561400	8430681	8468749	8486943	0.79	cps
Molybdenum	96-1	9487760	9323110	9336711	9382527	0.97	cps
Molybdenum	97-1	5337072	5322556	5375816	5345148	0.52	cps
Molybdenum	98-1	13880670	13642624	13699993	13741096	0.90	cps
Neodymium	150-1	220	233	227	227	2.94	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	222366	220360	222790	221839	0.58	cps
Phosphorus	31-2	3717	3284	3342	3448	6.82	cps
Potassium	39-2	326306	325860	323117	325094	0.53	cps
Rhodium	103-1	6752244	6872443	6705955	6776881	1.27	cps
Rhodium	103-2	1810154	1822068	1793257	1808493	0.80	cps
Scandium	45-1	4228299	4315960	4224933	4256397	1.21	cps
Scandium	45-2	31990	31422	31332	31581	1.13	cps
Selenium	77-2	243	283	280	269	8.25	cps
Selenium	78-2	889	824	935	883	6.32	cps
Selenium	82-1	53689	52698	53235	53207	0.93	cps
Silicon	28-1	2027392	2015866	2045660	2029639	0.74	cps
Silver	109-1	4215418	4185521	4243928	4214956	0.69	cps
Silver	107-1	4398805	4450172	4418920	4422632	0.59	cps
Sodium	23-2	3015966	2949107	2978929	2981334	1.12	cps
Strontium	86-1	1070150	1070278	1073505	1071311	0.18	cps
Strontium	88-1	9359850	9277895	9350003	9329250	0.48	cps
Sulfur	34-1	641049	634551	628845	634815	0.96	cps
Terbium	159-1	9877193	10124816	9907807	9969939	1.35	cps
Terbium	159-2	1942831	1949325	1936731	1942962	0.32	cps
Thallium	203-1	3482063	3449729	3488465	3473419	0.60	cps
Thallium	205-1	8143425	8163734	8168431	8158530	0.16	cps
Thorium	232-1	11484569	11415824	11487340	11462578	0.35	cps
Tin	118-1	2842114	2806389	2840425	2829643	0.71	cps
Titanium	47-1	2271169	2243169	2230634	2248324	0.92	cps
Uranium	238-1	10479205	10534020	10633484	10548903	0.74	cps
Vanadium	51-2	256068	259123	258651	257947	0.64	cps
Yttrium	89-1	7648827	7806506	7604210	7686515	1.38	cps
Yttrium	89-2	219251	220563	217174	218996	0.78	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111546BS	Instrumnet Name :	P8
Client Sample ID :	PB111546BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:38:53	DataFile Name :	038LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113503	113738	114736	113992	0.57	cps
Zirconium	90-1	5848009	5805374	5820500	5824628	0.37	cps
Zirconium	91-1	1292337	1284012	1285925	1287425	0.34	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52692	52186	52083	52320	0.62	cps
Antimony	121-1	4143952	4123990	4158756	4142233	0.42	cps
Arsenic	75-2	40329	39948	40065	40114	0.49	cps
Barium	135-1	4424110	4375278	4380972	4393453	0.61	cps
Barium	137-1	7612538	7532488	7631334	7592120	0.69	cps
Beryllium	9-1	605076	604023	601467	603522	0.31	cps
Bismuth	209-1	6304998	6286225	6240738	6277321	0.53	cps
Bismuth	209-2	1598843	1549657	1583157	1577219	1.59	cps
Boron	11-1	317119	326934	330611	324888	2.15	cps
Boron	10-1	67015	71068	70976	69686	3.32	cps
Cadmium	106-1	93952	93825	93749	93842	0.11	cps
Cadmium	108-1	62419	62984	63076	62826	0.57	cps
Cadmium	111-1	873430	869601	876947	873326	0.42	cps
Calcium	43-1	880610	877889	883527	880675	0.32	cps
Calcium	44-1	14587852	14442184	14569513	14533183	0.55	cps
Chromium	52-2	348628	349015	344514	347386	0.72	cps
Cobalt	59-2	752838	751281	753135	752418	0.13	cps
Copper	63-2	1296428	1295824	1297422	1296558	0.06	cps
Dysprosium	156-1	108	42	75	75	44.44	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-2	10	0	10	7	86.60	cps
Erbium	164-1	17	42	83	47	71.32	cps
Gadolinium	160-1	117	83	75	92	24.05	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	9750588	9801328	9745450	9765789	0.32	cps
Holmium	165-2	2067380	2022384	2060652	2050139	1.18	cps
Indium	115-1	7304617	7314694	7276724	7298678	0.27	cps
Indium	115-2	292677	288430	292512	291206	0.83	cps
Iron	56-2	11632661	11646686	11689049	11656132	0.25	cps
Iron	57-2	294310	293599	293734	293881	0.13	cps
Krypton	83-1	340	410	290	347	17.39	cps
Lead	206-1	2812650	2826346	2777736	2805577	0.89	cps
Lead	207-1	2567053	2570371	2551160	2562861	0.40	cps
Lead	208-1	11413825	11411408	11356101	11393778	0.29	cps
Lithium	6-1	1666050	1639212	1662839	1656034	0.89	cps
Magnesium	24-2	1320838	1293634	1299231	1304568	1.10	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196034	195825	195723	195861	0.08	cps
Molybdenum	94-1	6895099	6879848	6867373	6880773	0.20	cps
Molybdenum	95-1	8511299	8430886	8434131	8458772	0.54	cps
Molybdenum	96-1	9383398	9335549	9398364	9372437	0.35	cps
Molybdenum	97-1	5361369	5387949	5352134	5367151	0.35	cps
Molybdenum	98-1	13544907	13659851	13631181	13611980	0.44	cps
Neodymium	150-1	253	280	127	220	37.24	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	220833	220290	222928	221350	0.63	cps
Phosphorus	31-2	3426	3542	3217	3395	4.85	cps
Potassium	39-2	326193	323211	321699	323701	0.71	cps
Rhodium	103-1	6740863	6801878	6707550	6750097	0.71	cps
Rhodium	103-2	1828144	1766052	1806014	1800070	1.75	cps
Scandium	45-1	4224376	4313311	4237022	4258236	1.13	cps
Scandium	45-2	30814	30316	31358	30830	1.69	cps
Selenium	77-2	273	287	280	280	2.38	cps
Selenium	78-2	1039	869	920	943	9.27	cps
Selenium	82-1	52896	53067	52825	52929	0.24	cps
Silicon	28-1	2013930	2023853	2010275	2016019	0.35	cps
Silver	109-1	4264307	4210525	4211805	4228879	0.73	cps
Silver	107-1	4421398	4391497	4402251	4405049	0.34	cps
Sodium	23-2	2972108	2970806	2956419	2966444	0.29	cps
Strontium	86-1	1075512	1073044	1073506	1074021	0.12	cps
Strontium	88-1	9346114	9387958	9386721	9373597	0.25	cps
Sulfur	34-1	618727	623943	617915	620195	0.53	cps
Terbium	159-1	9955689	10041189	10039101	10011993	0.49	cps
Terbium	159-2	1951648	1894337	1936255	1927413	1.54	cps
Thallium	203-1	3519919	3493139	3502051	3505036	0.39	cps
Thallium	205-1	8322086	8269107	8246753	8279315	0.47	cps
Thorium	232-1	11492488	11597270	11586174	11558644	0.50	cps
Tin	118-1	2867662	2836942	2882271	2862291	0.81	cps
Titanium	47-1	2231001	2233254	2220218	2228158	0.31	cps
Uranium	238-1	10544905	10717666	10582032	10614868	0.86	cps
Vanadium	51-2	258027	256710	255515	256751	0.49	cps
Yttrium	89-1	7722382	7817800	7663022	7734401	1.01	cps
Yttrium	89-2	219217	213997	218275	217163	1.28	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111548BS	Instrumnet Name :	P8
Client Sample ID :	PB111548BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:42:06	DataFile Name :	039LCSS_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115294	113479	114316	114363	0.79	cps
Zirconium	90-1	5854148	5803851	5890814	5849604	0.75	cps
Zirconium	91-1	1296001	1279178	1286342	1287174	0.66	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52695	52519	52457	52557	0.24	cps
Antimony	121-1	4224395	4190372	4169124	4194630	0.66	cps
Arsenic	75-2	40756	40524	41116	40799	0.73	cps
Barium	135-1	4464387	4394334	4388839	4415853	0.95	cps
Barium	137-1	7676845	7670063	7629813	7658907	0.33	cps
Beryllium	9-1	607122	604491	605043	605552	0.23	cps
Bismuth	209-1	6156101	6308958	6643989	6369683	3.92	cps
Bismuth	209-2	1523573	1597954	1611424	1577650	3.00	cps
Boron	11-1	324442	333024	333255	330240	1.52	cps
Boron	10-1	67542	70205	71185	69644	2.71	cps
Cadmium	106-1	96603	94102	95621	95442	1.32	cps
Cadmium	108-1	63704	63666	62946	63439	0.67	cps
Cadmium	111-1	878335	871261	875756	875117	0.41	cps
Calcium	43-1	883214	878365	879940	880506	0.28	cps
Calcium	44-1	14459448	14333794	14416469	14403237	0.44	cps
Chromium	52-2	347304	349095	346299	347566	0.41	cps
Cobalt	59-2	757675	758914	754235	756942	0.32	cps
Copper	63-2	1298060	1300992	1299603	1299552	0.11	cps
Dysprosium	156-1	33	83	100	72	48.05	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-2	7	17	10	11	45.82	cps
Erbium	164-1	17	17	33	22	43.28	cps
Gadolinium	160-1	50	92	50	64	37.66	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	9460133	9854023	10014123	9776093	2.92	cps
Holmium	165-2	2015440	2053558	2051127	2040042	1.05	cps
Indium	115-1	7177864	7409687	7578935	7388828	2.73	cps
Indium	115-2	282761	293891	292526	289726	2.10	cps
Iron	56-2	11698315	11736421	11613243	11682660	0.54	cps
Iron	57-2	294006	296895	293330	294744	0.64	cps
Krypton	83-1	393	360	353	369	5.81	cps
Lead	206-1	2814257	2784098	2802214	2800190	0.54	cps
Lead	207-1	2569480	2543799	2549038	2554106	0.53	cps
Lead	208-1	11479758	11330426	11408151	11406112	0.65	cps
Lithium	6-1	1641972	1680933	1707997	1676967	1.98	cps
Magnesium	24-2	1335020	1303977	1317585	1318861	1.18	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196314	194415	195058	195262	0.49	cps
Molybdenum	94-1	6935627	6886436	6836592	6886218	0.72	cps
Molybdenum	95-1	8530737	8502578	8400905	8478074	0.81	cps
Molybdenum	96-1	9439040	9476357	9427307	9447568	0.27	cps
Molybdenum	97-1	5422193	5382737	5352915	5385948	0.65	cps
Molybdenum	98-1	13775138	13636054	13629250	13680147	0.60	cps
Neodymium	150-1	207	167	133	169	21.74	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	222938	222609	220730	222092	0.54	cps
Phosphorus	31-2	3367	3409	3451	3409	1.22	cps
Potassium	39-2	322919	323720	326362	324333	0.56	cps
Rhodium	103-1	6647348	6809606	6922786	6793247	2.04	cps
Rhodium	103-2	1738079	1802286	1820381	1786915	2.42	cps
Scandium	45-1	4140206	4299493	4409207	4282969	3.16	cps
Scandium	45-2	29408	30610	31512	30510	3.46	cps
Selenium	77-2	270	257	227	251	8.84	cps
Selenium	78-2	932	1013	919	954	5.36	cps
Selenium	82-1	53796	52831	53333	53320	0.91	cps
Silicon	28-1	2059549	2047833	2046452	2051278	0.35	cps
Silver	109-1	4226406	4226577	4240326	4231103	0.19	cps
Silver	107-1	4446800	4435897	4410144	4430947	0.42	cps
Sodium	23-2	2987238	2967325	2983548	2979370	0.36	cps
Strontium	86-1	1073228	1078572	1078883	1076894	0.30	cps
Strontium	88-1	9305577	9307447	9327726	9313583	0.13	cps
Sulfur	34-1	618604	616376	617582	617521	0.18	cps
Terbium	159-1	9784440	10180463	10326346	10097083	2.78	cps
Terbium	159-2	1894450	1951307	1957919	1934559	1.80	cps
Thallium	203-1	3496965	3493830	3493819	3494871	0.05	cps
Thallium	205-1	8289347	8224917	8291831	8268698	0.46	cps
Thorium	232-1	11745428	11771990	11767631	11761683	0.12	cps
Tin	118-1	2847860	2831655	2857912	2845809	0.47	cps
Titanium	47-1	2269867	2232553	2242977	2248466	0.86	cps
Uranium	238-1	10750973	10651716	10811611	10738100	0.75	cps
Vanadium	51-2	255450	257517	255766	256244	0.43	cps
Yttrium	89-1	7492545	7642086	7824824	7653152	2.17	cps
Yttrium	89-2	208093	219098	219728	215640	3.03	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	PB111550BS	Instrumnet Name :	P8
Client Sample ID :	PB111550BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:45:20	DataFile Name :	040LCS6_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	116396	116208	116430	116345	0.10	cps
Zirconium	90-1	5808516	5798340	5784291	5797049	0.21	cps
Zirconium	91-1	1286992	1283300	1273920	1281404	0.53	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281583	282601	281646	281943	0.20	cps
Antimony	121-1	4099299	4123446	4116593	4113113	0.30	cps
Arsenic	75-2	39716	39787	39980	39828	0.34	cps
Barium	135-1	4355082	4364172	4398775	4372676	0.53	cps
Barium	137-1	7542480	7586616	7531697	7553597	0.39	cps
Beryllium	9-1	602869	602599	603573	603014	0.08	cps
Bismuth	209-1	6249146	5869117	6069769	6062677	3.14	cps
Bismuth	209-2	1586791	1497475	1512215	1532160	3.13	cps
Boron	11-1	336114	346342	351631	344695	2.29	cps
Boron	10-1	71478	72843	74527	72949	2.09	cps
Cadmium	106-1	91376	92718	93205	92433	1.02	cps
Cadmium	108-1	61247	61578	61285	61370	0.29	cps
Cadmium	111-1	848014	848033	846329	847459	0.12	cps
Calcium	43-1	4341104	4376186	4302407	4339899	0.85	cps
Calcium	44-1	70725666	70658300	71028972	70804313	0.28	cps
Chromium	52-2	353845	355484	351375	353568	0.59	cps
Cobalt	59-2	739000	741499	742740	741080	0.26	cps
Copper	63-2	1235223	1243295	1239175	1239231	0.33	cps
Dysprosium	156-1	150	117	108	125	17.64	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-2	7	10	10	9	21.63	cps
Erbium	164-1	50	50	33	44	21.66	cps
Gadolinium	160-1	142	100	83	108	27.73	cps
Gadolinium	160-2	23	7	23	18	54.11	cps
Holmium	165-1	9980005	9503825	9733858	9739229	2.45	cps
Holmium	165-2	2062866	1997087	2008308	2022754	1.74	cps
Indium	115-1	7294656	6987009	7228441	7170035	2.26	cps
Indium	115-2	289832	278637	281209	283226	2.07	cps
Iron	56-2	57259965	57554126	57323787	57379293	0.27	cps
Iron	57-2	1480453	1494957	1476486	1483965	0.66	cps
Krypton	83-1	377	347	277	333	15.40	cps
Lead	206-1	2755703	2733558	2730098	2739786	0.51	cps
Lead	207-1	2521225	2516486	2492105	2509939	0.62	cps
Lead	208-1	11252238	11232870	11139762	11208290	0.54	cps
Lithium	6-1	1644160	1608081	1657904	1636715	1.57	cps
Magnesium	24-2	6218259	6252259	6293367	6254628	0.60	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192987	194699	194202	193963	0.45	cps
Molybdenum	94-1	6886263	6946921	6927579	6920254	0.45	cps
Molybdenum	95-1	8449097	8512419	8479048	8480188	0.37	cps
Molybdenum	96-1	9440579	9390533	9382943	9404685	0.33	cps
Molybdenum	97-1	5343124	5428128	5368251	5379834	0.81	cps
Molybdenum	98-1	13719583	13874287	13687040	13760304	0.73	cps
Neodymium	150-1	240	173	247	220	18.43	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	216492	218901	217542	217645	0.55	cps
Phosphorus	31-2	3284	3301	3384	3323	1.61	cps
Potassium	39-2	1618667	1616539	1618906	1618037	0.08	cps
Rhodium	103-1	6643067	6396238	6518670	6519325	1.89	cps
Rhodium	103-2	1744727	1688715	1724042	1719161	1.65	cps
Scandium	45-1	4322845	4185054	4266313	4258070	1.63	cps
Scandium	45-2	30981	30290	30203	30491	1.40	cps
Selenium	77-2	240	240	273	251	7.66	cps
Selenium	78-2	887	987	891	922	6.15	cps
Selenium	82-1	52198	52455	52256	52303	0.26	cps
Silicon	28-1	2074934	2069066	2064944	2069648	0.24	cps
Silver	109-1	4021193	4022493	4060394	4034693	0.55	cps
Silver	107-1	4238992	4213197	4210984	4221058	0.37	cps
Sodium	23-2	14431886	14662447	14408432	14500922	0.97	cps
Strontium	86-1	1060931	1071641	1067792	1066788	0.51	cps
Strontium	88-1	9253282	9223968	9292325	9256525	0.37	cps
Sulfur	34-1	617707	621771	618109	619196	0.36	cps
Terbium	159-1	10197891	9665861	9985274	9949676	2.69	cps
Terbium	159-2	1977212	1885245	1888195	1916884	2.73	cps
Thallium	203-1	3482978	3406876	3401578	3430477	1.33	cps
Thallium	205-1	8120701	8115205	8020542	8085483	0.70	cps
Thorium	232-1	11737968	11647130	11716598	11700566	0.41	cps
Tin	118-1	2811332	2828965	2818443	2819580	0.31	cps
Titanium	47-1	2253142	2256221	2258258	2255874	0.11	cps
Uranium	238-1	10878802	10833184	10832988	10848325	0.24	cps
Vanadium	51-2	254678	257340	256779	256266	0.55	cps
Yttrium	89-1	7684515	7399403	7661723	7581880	2.09	cps
Yttrium	89-2	220311	210323	214467	215034	2.33	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 15:48:34	DataFile Name :	041CCV_P8082918 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108943	109790	109178	109304	0.40	cps
Zirconium	90-1	5824307	5843106	5853149	5840187	0.25	cps
Zirconium	91-1	1292623	1294534	1296212	1294456	0.14	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	123	125	126	3.04	cps
Antimony	121-1	15960	15543	16244	15916	2.21	cps
Arsenic	75-2	65	133	98	99	34.69	cps
Barium	135-1	17145	16419	16044	16536	3.39	cps
Barium	137-1	28582	28139	29333	28685	2.10	cps
Beryllium	9-1	1389	1361	1422	1391	2.20	cps
Bismuth	209-1	6041428	6292096	6197299	6176941	2.05	cps
Bismuth	209-2	1620102	1594084	1599798	1604661	0.85	cps
Boron	11-1	19572	19723	20566	19954	2.68	cps
Boron	10-1	3992	4184	4117	4098	2.37	cps
Cadmium	106-1	1650	1850	1775	1759	5.75	cps
Cadmium	108-1	117	138	113	122	10.96	cps
Cadmium	111-1	2819	2845	2847	2837	0.54	cps
Calcium	43-1	8903	9128	9045	9026	1.26	cps
Calcium	44-1	153127	153548	157077	154584	1.40	cps
Chromium	52-2	2094	1894	1797	1928	7.85	cps
Cobalt	59-2	1693	1493	1777	1655	8.80	cps
Copper	63-2	3120	3197	3284	3200	2.55	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-2	10	10	7	9	21.63	cps
Erbium	164-1	92	50	42	61	43.83	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	9302666	9523923	9495686	9440758	1.28	cps
Holmium	165-2	2050137	2023555	2046636	2040109	0.71	cps
Indium	115-1	7209335	7530312	7473196	7404281	2.31	cps
Indium	115-2	308927	305864	309101	307964	0.59	cps
Iron	56-2	26476	25385	25669	25843	2.19	cps
Iron	57-2	639	650	556	615	8.40	cps
Krypton	83-1	343	373	303	340	10.33	cps
Lead	206-1	5485	5429	5424	5446	0.62	cps
Lead	207-1	4884	5146	5279	5103	3.93	cps
Lead	208-1	22453	22586	22753	22597	0.67	cps
Lithium	6-1	1659030	1696884	1697972	1684629	1.32	cps
Magnesium	24-2	13857	14183	14366	14135	1.82	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	343	363	334	10.23	cps
Molybdenum	94-1	14275	14291	14100	14222	0.75	cps
Molybdenum	95-1	16861	16678	17137	16892	1.37	cps
Molybdenum	96-1	18096	18163	18972	18410	2.65	cps
Molybdenum	97-1	10897	10096	9854	10282	5.31	cps
Molybdenum	98-1	25742	26293	26076	26037	1.07	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	860	800	707	789	9.79	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	9195	9729	9120	9348	3.55	cps
Rhodium	103-1	6726784	6992487	7083233	6934168	2.67	cps
Rhodium	103-2	1943279	1890298	1904254	1912610	1.44	cps
Scandium	45-1	4248596	4439435	4424629	4370887	2.43	cps
Scandium	45-2	32708	32104	32608	32473	1.00	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	13	17	6	12	48.22	cps
Selenium	82-1	555	507	510	524	5.17	cps
Silicon	28-1	378158	378909	379665	378911	0.20	cps
Silver	109-1	8128	8370	7961	8153	2.52	cps
Silver	107-1	8128	8603	8395	8375	2.84	cps
Sodium	23-2	38344	38444	37926	38238	0.72	cps
Strontium	86-1	2650	2525	2384	2520	5.30	cps
Strontium	88-1	18288	18922	18213	18474	2.11	cps
Sulfur	34-1	384181	383577	384542	384100	0.13	cps
Terbium	159-1	9554256	9746553	9826280	9709030	1.44	cps
Terbium	159-2	1945211	1964625	1966961	1958932	0.61	cps
Thallium	203-1	6952	6761	6594	6769	2.65	cps
Thallium	205-1	15527	15919	15443	15630	1.62	cps
Thorium	232-1	20667	20239	20907	20605	1.64	cps
Tin	118-1	27404	27404	27813	27540	0.86	cps
Titanium	47-1	4159	4559	4426	4381	4.65	cps
Uranium	238-1	21754	21703	22496	21984	2.02	cps
Vanadium	51-2	2594	2584	2584	2587	0.22	cps
Yttrium	89-1	7529366	7842253	7807659	7726426	2.22	cps
Yttrium	89-2	229958	226067	229130	228385	0.90	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:18:17	DataFile Name :	044LLCC_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307	327	400	344	14.27	cps
Zirconium	90-1	12640	12239	11647	12175	4.10	cps
Zirconium	91-1	2617	2425	3034	2692	11.56	cps

LB Number : LB97638 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-29 16:25:02 DataFile Name : 046CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	20	10	18	41.67	cps
Antimony	121-1	475	442	442	453	4.25	cps
Arsenic	75-2	2	11	0	4	137.79	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	50	92	83	75	29.40	cps
Beryllium	9-1	194	178	283	219	25.97	cps
Bismuth	209-1	6210190	6240226	6106632	6185683	1.13	cps
Bismuth	209-2	1602355	1605686	1625239	1611093	0.77	cps
Boron	11-1	4759	4576	4301	4545	5.08	cps
Boron	10-1	1117	975	867	986	12.71	cps
Cadmium	106-1	1759	1759	1884	1800	4.01	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Cadmium	111-1	1229	1228	1326	1261	4.47	cps
Calcium	43-1	625	642	633	633	1.32	cps
Calcium	44-1	14758	15442	15025	15075	2.29	cps
Chromium	52-2	353	410	497	420	17.19	cps
Cobalt	59-2	80	83	87	83	4.00	cps
Copper	63-2	390	377	380	382	1.82	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	7	0	3	3	100.05	cps
Erbium	164-1	25	58	0	28	105.36	cps
Gadolinium	160-1	92	42	92	75	38.49	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	9528294	9540243	9422398	9496978	0.68	cps
Holmium	165-2	2026764	2049297	2051421	2042494	0.67	cps
Indium	115-1	7582745	7538492	7615547	7578928	0.51	cps
Indium	115-2	307424	307416	314062	309634	1.24	cps
Iron	56-2	1378	1550	1533	1487	6.39	cps
Iron	57-2	61	39	61	54	23.89	cps
Krypton	83-1	350	370	323	348	6.73	cps
Lead	206-1	339	433	411	394	12.52	cps
Lead	207-1	378	367	317	354	9.20	cps
Lead	208-1	1511	1672	1606	1596	5.07	cps
Lithium	6-1	1733465	1690283	1720416	1714721	1.29	cps
Magnesium	24-2	575	667	550	597	10.29	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:25:02	DataFile Name :	046CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	83	90	78	20.25	cps
Molybdenum	94-1	450	533	508	497	8.60	cps
Molybdenum	95-1	200	258	158	206	24.44	cps
Molybdenum	96-1	342	283	350	325	11.18	cps
Molybdenum	97-1	92	142	108	114	22.35	cps
Molybdenum	98-1	267	250	350	289	18.54	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	250	330	294	13.83	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2700	2767	2484	2650	5.59	cps
Rhodium	103-1	7135882	7136304	7059266	7110484	0.62	cps
Rhodium	103-2	1913140	1909393	1919785	1914106	0.27	cps
Scandium	45-1	4447415	4480528	4430264	4452736	0.57	cps
Scandium	45-2	32785	32878	34108	33257	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-14	-26	25	-5	-530.63	cps
Silicon	28-1	329777	329116	330163	329685	0.16	cps
Silver	109-1	117	108	75	100	22.05	cps
Silver	107-1	108	108	92	103	9.36	cps
Sodium	23-2	8194	7853	7819	7955	2.61	cps
Strontium	86-1	592	575	675	614	8.73	cps
Strontium	88-1	108	175	133	139	24.25	cps
Sulfur	34-1	384338	392670	391957	389655	1.19	cps
Terbium	159-1	9871516	9828208	9720813	9806846	0.79	cps
Terbium	159-2	1930678	1952803	1939344	1940942	0.57	cps
Thallium	203-1	283	300	250	278	9.16	cps
Thallium	205-1	758	642	608	669	11.77	cps
Thorium	232-1	633	500	706	613	17.01	cps
Tin	118-1	1233	1208	1325	1256	4.89	cps
Titanium	47-1	142	175	117	144	20.26	cps
Uranium	238-1	50	58	75	61	20.84	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	7935590	7838746	7798798	7857711	0.90	cps
Yttrium	89-2	226399	231407	234763	230856	1.82	cps

LB Number :	LB97638	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-08-29 16:25:02	DataFile Name :	046CCBE_P8082918 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	80	83	86	8.11	cps
Zirconium	90-1	1117	1025	1058	1067	4.35	cps
Zirconium	91-1	250	300	158	236	30.43	cps