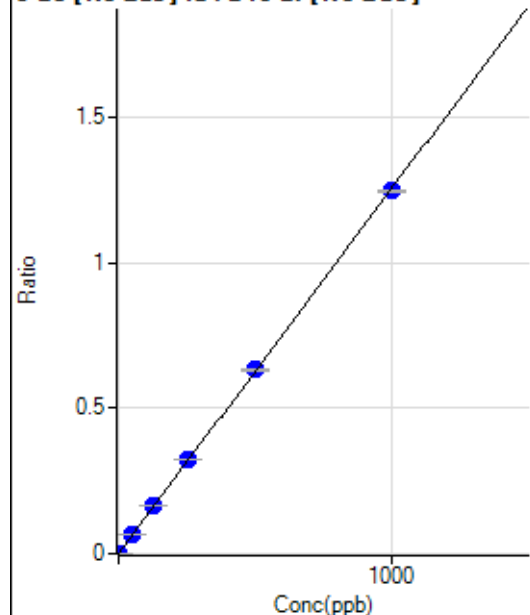


Batch Folder: D:\P8011218-MS.b\
Analysis File: P8011218-MS.batch.bin
DA Date-Time: 2018-01-12 15:42:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-01-12 14:41:10
2			
3	005CALS.d	S02	2018-01-12 14:47:56
4	006CALS.d	S03	2018-01-12 14:51:28
5	007CALS.d	S04	2018-01-12 14:54:59
6	008CALS.d	S05	2018-01-12 14:58:26
7	009CALS.d	S06	2018-01-12 15:01:46
8	011CALS.d	S07	2018-01-12 15:08:18
9	012CALS.d	S08	2018-01-12 15:11:31

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0001	P	17.9
2	☐	0.100					
3	☐	1.000	0.961	909.32	0.0013	P	4.9
4	☐	50.000	52.929	45557.84	0.0666	P	1.5
5	☐	125.000	131.786	112517.98	0.1656	P	0.2
6	☐	250.000	257.662	219156.11	0.3237	P	1.0
7	☐	500.000	505.351	418141.44	0.6348	P	1.2
8	☐	1000.000	994.414	801882.89	1.2491	P	0.2
9	☐			777.83	0.0013	P	12.6

$$y = 0.0013 * x + 1.2078E-004$$

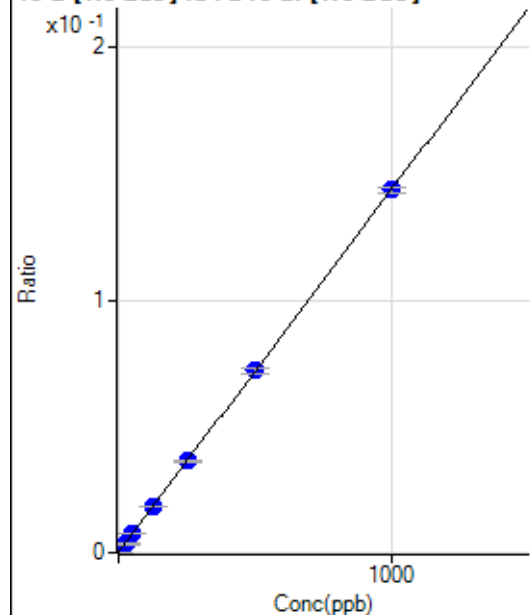
$$R = 0.9999$$

$$DL = 0.05166$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.79	0.0002	P	9.8
2	☐	2.500					
3	☐	25.000	22.933	2378.10	0.0035	P	9.7
4	☐	50.000	51.120	5142.83	0.0075	P	2.2
5	☐	125.000	127.453	12544.90	0.0185	P	1.5
6	☐	250.000	251.538	24552.38	0.0363	P	2.5
7	☐	500.000	500.122	47370.78	0.0719	P	2.7
8	☐	1000.000	999.244	92136.61	0.1435	P	1.7
9	☐			4670.39	0.0075	P	6.6

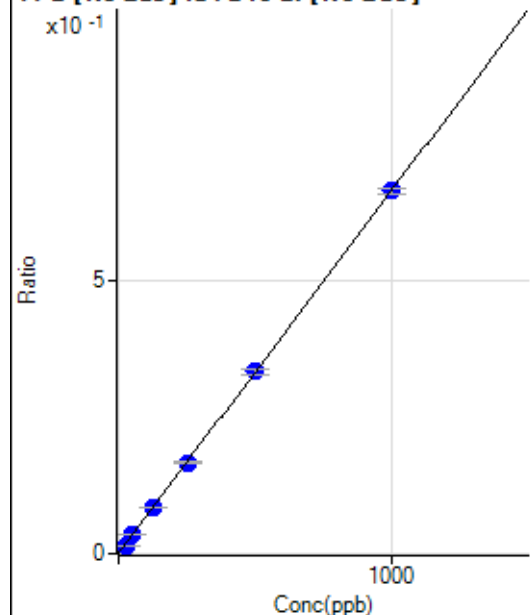
$$y = 1.4345E-004 * x + 1.8513E-004$$

$$R = 1.0000$$

$$DL = 0.3812$$

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	619.48	0.0009	P	7.3
2	☐	2.500					
3	☐	25.000	21.724	10490.41	0.0153	P	2.8
4	☐	50.000	50.920	23745.34	0.0347	P	1.8
5	☐	125.000	127.698	58216.24	0.0857	P	1.2
6	☐	250.000	249.825	112907.93	0.1668	P	3.1
7	☐	500.000	500.203	219369.48	0.3331	P	2.7
8	☐	1000.000	999.641	426737.89	0.6648	P	1.5
9	☐			21238.65	0.0342	P	8.3

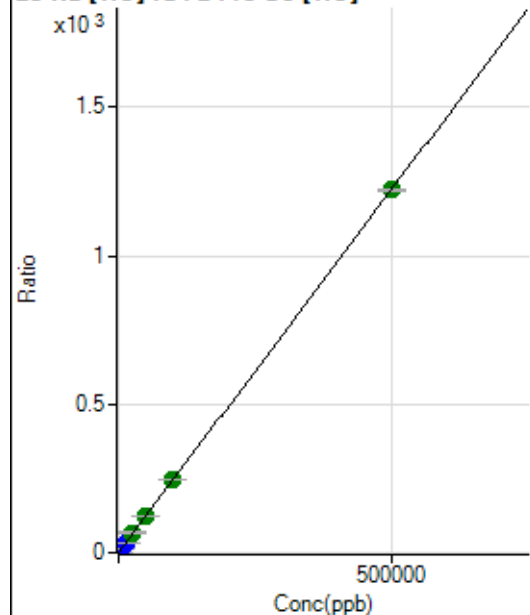
$$y = 6.6409\text{E-}004 * x + 8.9772\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2961$$

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	11524.53	0.5483	P	2.0
2	☐	50.000					
3	☐	500.000	485.009	35052.57	1.7338	P	1.9
4	☐	5000.000	5357.957	265531.20	13.6451	P	3.7
5	☐	12500.000	12913.347	623564.38	32.1132	P	1.0
6	☐	25000.000	27052.920	1221041.11	66.6755	A	6.5
7	☐	50000.000	50831.514	2269526.12	124.7990	A	0.8
8	☐	100000.00	100777.50	4375399.23	246.8852	A	1.1
9	☐	500000.00	499644.80	21448098.57	1,221.862	A	0.9

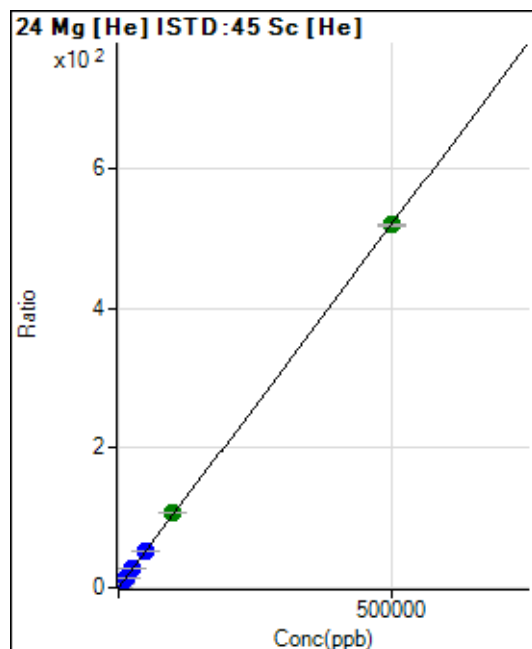
$$y = 0.0024 * x + 0.5483$$

$$R = 1.0000$$

$$DL = 13.6$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	813.95	0.0387	P	0.8
2	☐	50.000					
3	☐	500.000	489.962	11071.40	0.5476	P	1.6
4	☐	5000.000	5383.629	109588.58	5.6299	P	2.2
5	☐	12500.000	13001.815	262939.68	13.5418	P	1.6
6	☐	25000.000	26484.777	504494.92	27.5445	P	6.2
7	☐	50000.000	50268.699	950089.60	52.2454	P	1.2
8	☐	100000.00	102409.92	1885696.09	106.3967	A	0.5
9	☐	500000.00	499400.53	9105012.61	518.6921	A	0.7

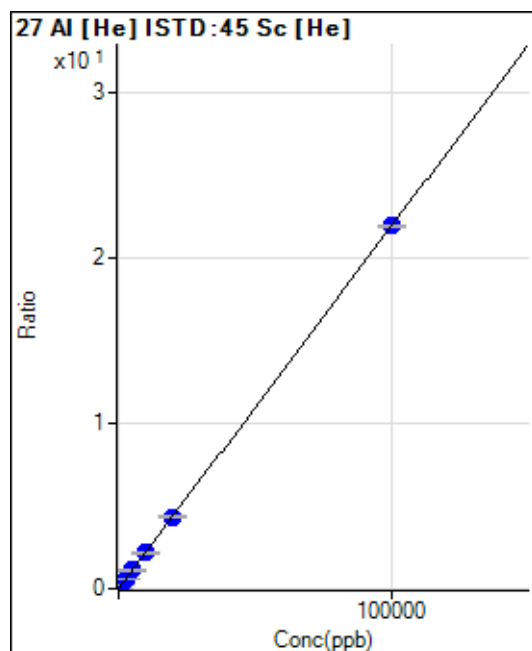
$$y = 0.0010 * x + 0.0387$$

$$R = 1.0000$$

$$DL = 0.8927$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0005	P	113.
2	☐	2.000					
3	☐	20.000	18.226	91.67	0.0045	P	22.5
4	☐	1000.000	1018.651	4364.75	0.2242	P	4.4
5	☐	2500.000	2580.173	11012.98	0.5671	P	1.3
6	☐	5000.000	5201.811	20921.78	1.1427	P	7.2
7	☐	10000.000	9901.592	39550.88	2.1746	P	1.9
8	☐	20000.000	19744.693	76838.96	4.3359	P	1.7
9	☐	100000.00	100048.62	385632.89	21.9685	P	0.6

$$y = 2.1957E-004 * x + 5.2229E-004$$

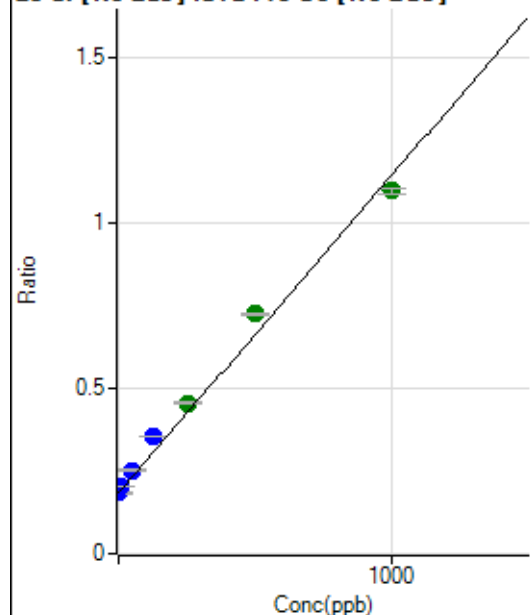
$$R = 1.0000$$

$$DL = 8.106$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	443978.76	0.1833	P	1.3
2	☐	1.000					
3	☐	10.000	19.300	483345.08	0.2019	P	0.9
4	☐	50.000	71.802	604150.22	0.2523	P	1.1
5	☐	125.000	179.257	839794.19	0.3554	P	1.0
6	☐	250.000	282.745	1073160.02	0.4547	A	0.8
7	☐	500.000	564.933	1660837.89	0.7256	A	0.9
8	☐	1000.000	951.382	2482556.41	1.0966	A	1.3
9	☐			521236.44	0.2316	P	0.8

$$y = 9.5993\text{E-}004 * x + 0.1833$$

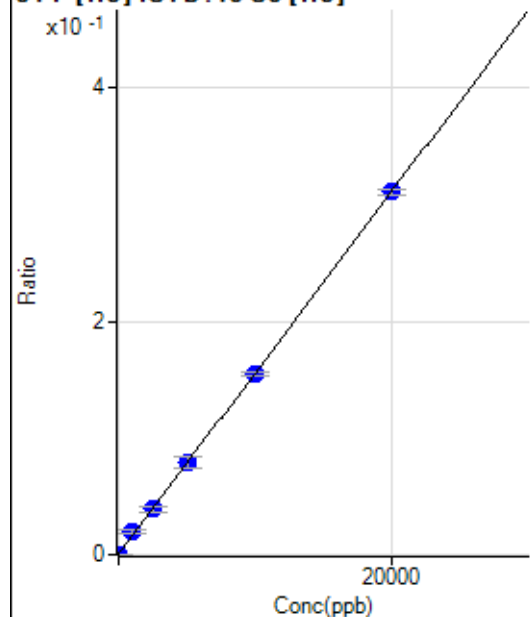
$$R = 0.9953$$

$$DL = 7.729$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-0.486	8.33	0.0004	P	173.
2	☐	0.000					
3	☐	0.000	0.486	8.33	0.0004	P	99.5
4	☐	1000.000	1258.473	388.91	0.0199	P	13.5
5	☐	2500.000	2479.767	755.61	0.0389	P	13.4
6	☐	5000.000	5043.331	1439.03	0.0787	P	12.6
7	☐	10000.000	9970.165	2822.63	0.1552	P	2.6
8	☐	20000.000	19993.690	5509.64	0.3109	P	1.7
9	☐			8.33	0.0005	P	100.

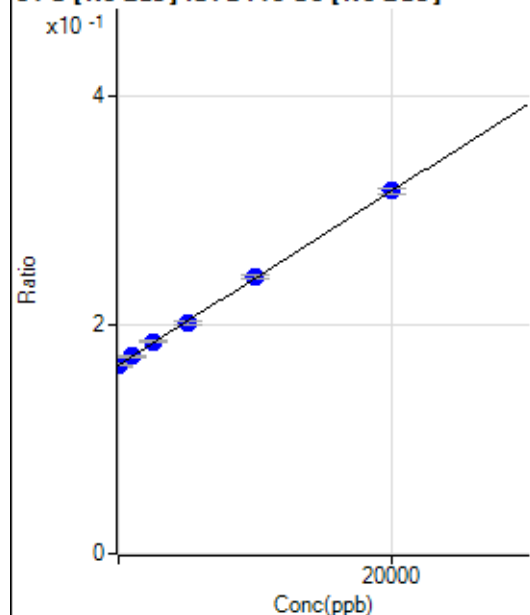
$$y = 1.5529\text{E-}005 * x + 4.0725\text{E-}004$$

$$R = 0.9999$$

$$DL = 106.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-75.023	398641.87	0.1646	P	0.8
2	☐	0.000					
3	☐	0.000	75.023	396885.60	0.1657	P	0.9
4	☐	1000.000	1013.337	414089.37	0.1729	P	0.9
5	☐	2500.000	2643.599	437893.29	0.1853	P	1.1
6	☐	5000.000	4824.031	476527.17	0.2019	P	1.1
7	☐	10000.000	10041.766	553145.72	0.2417	P	1.4
8	☐	20000.000	20004.493	718950.06	0.3176	P	1.6
9	☐			332180.26	0.1476	P	0.9

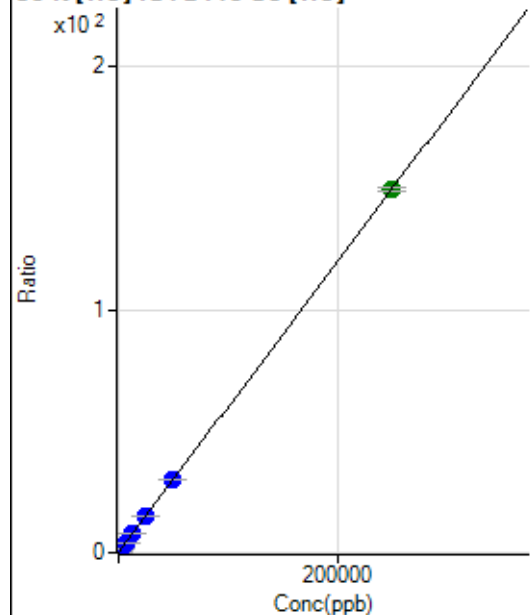
$$y = 7.6185\text{E-}006 * x + 0.1652$$

$$R = 0.9999$$

$$DL = 545.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2586.47	0.1230	P	5.4
2	☐	50.000					
3	☐	500.000	494.364	8452.90	0.4182	P	4.9
4	☐	2500.000	2785.883	34760.64	1.7867	P	5.1
5	☐	6250.000	6484.537	77578.17	3.9954	P	1.4
6	☐	12500.000	13326.615	148056.93	8.0813	P	5.4
7	☐	25000.000	24918.691	272845.27	15.0037	P	1.1
8	☐	50000.000	50386.654	535432.29	30.2125	P	1.2
9	☐	250000.00	249880.75	2621549.36	149.3445	A	1.0

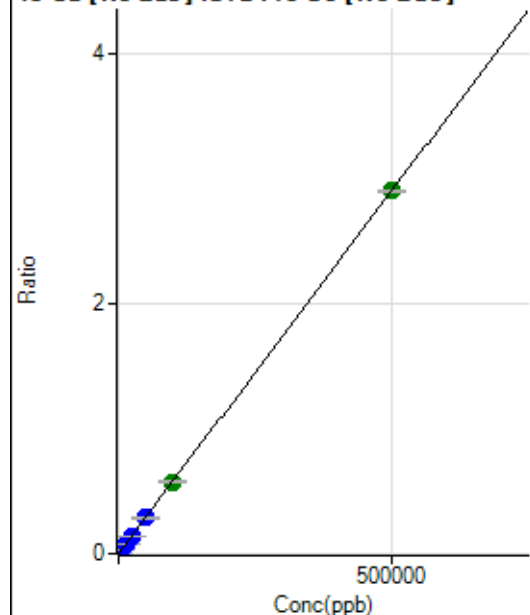
$$y = 5.9717\text{E-}004 * x + 0.1230$$

$$R = 1.0000$$

$$DL = 33.28$$

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	1055.65	0.0004	P	11.4
2	☐	50.000					
3	☐	500.000	431.259	7035.41	0.0029	P	2.2
4	☐	5000.000	4996.265	70466.28	0.0294	P	0.6
5	☐	12500.000	12296.676	169599.23	0.0718	P	1.0
6	☐	25000.000	24330.368	334147.85	0.1416	P	0.3
7	☐	50000.000	49147.267	653605.31	0.2856	P	1.0
8	☐	100000.00	99240.264	1304422.52	0.5762	A	1.2
9	☐	500000.00	500275.89	6531725.62	2.9028	A	0.4

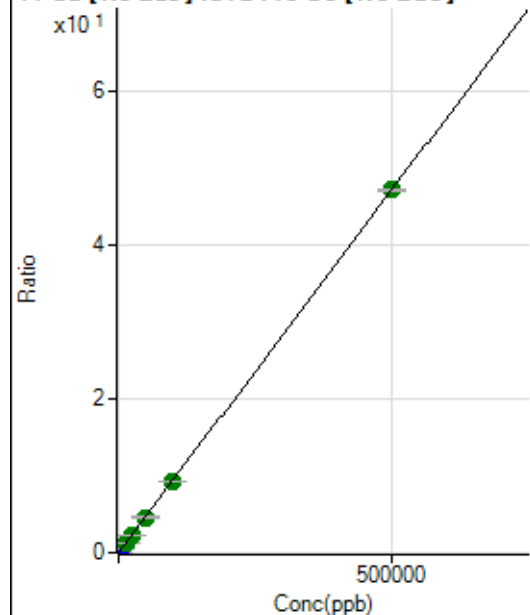
$$y = 5.8015\text{E-}006 * x + 4.3596\text{E-}004$$

$$R = 1.0000$$

$$DL = 25.76$$

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	17275.13	0.0071	P	1.5
2	☐	50.000					
3	☐	500.000	446.281	117597.71	0.0491	P	1.1
4	☐	5000.000	4983.905	1139903.95	0.4759	P	0.4
5	☐	12500.000	12388.829	2770384.83	1.1725	A	1.4
6	☐	25000.000	24233.361	5396096.52	2.2866	A	1.2
7	☐	50000.000	48946.599	10554543.64	4.6112	A	0.6
8	☐	100000.00	97791.649	20841289.53	9.2058	A	1.1
9	☐	500000.00	500588.33	105970989.8	47.0944	A	0.9

$$y = 9.4064\text{E-}005 * x + 0.0071$$

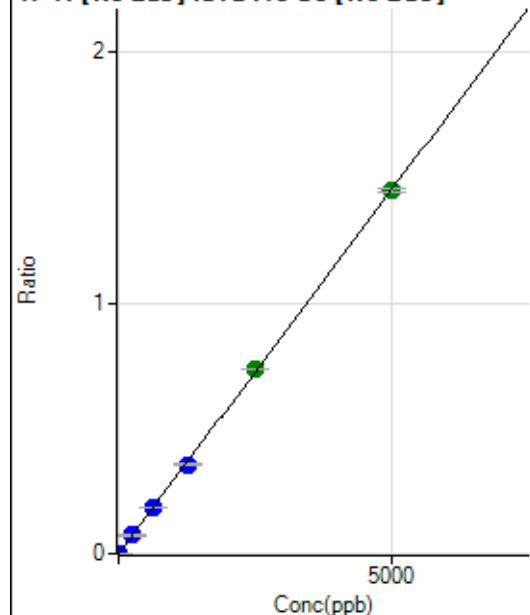
$$R = 1.0000$$

$$DL = 3.367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0001	P	3.1
2	☐	0.500					
3	☐	5.000	4.448	3236.63	0.0014	P	8.0
4	☐	250.000	251.578	175008.61	0.0731	P	0.8
5	☐	625.000	624.681	428529.31	0.1814	P	0.8
6	☐	1250.000	1227.671	840953.87	0.3563	P	0.9
7	☐	2500.000	2533.785	1683223.08	0.7354	A	0.7
8	☐	5000.000	4988.651	3277825.88	1.4478	A	1.2
9	☐			597.26	0.0003	P	20.2

$$y = 2.9021\text{E-}004 * x + 6.0791\text{E-}005$$

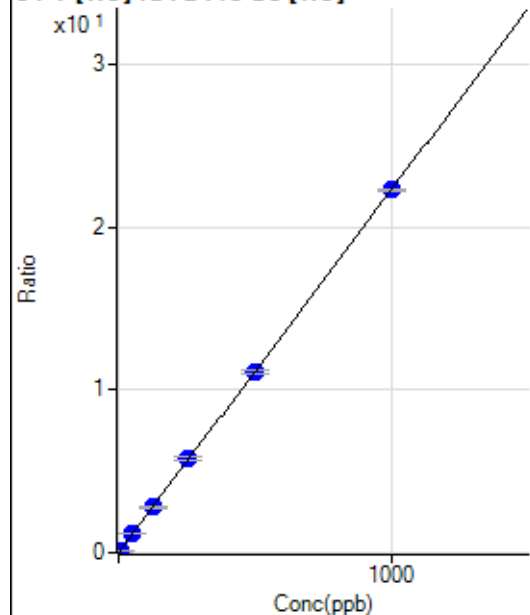
$$R = 1.0000$$

$$DL = 0.01972$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0002	P	1.6
2	☐	0.500					
3	☐	5.000	4.547	2053.52	0.1015	P	2.1
4	☐	50.000	51.794	22478.27	1.1550	P	3.4
5	☐	125.000	125.314	54257.01	2.7943	P	1.7
6	☐	250.000	258.982	105808.98	5.7747	P	5.1
7	☐	500.000	496.662	201382.96	11.0744	P	1.7
8	☐	1000.000	999.297	394892.74	22.2817	P	0.7
9	☐			72.22	0.0041	P	15.4

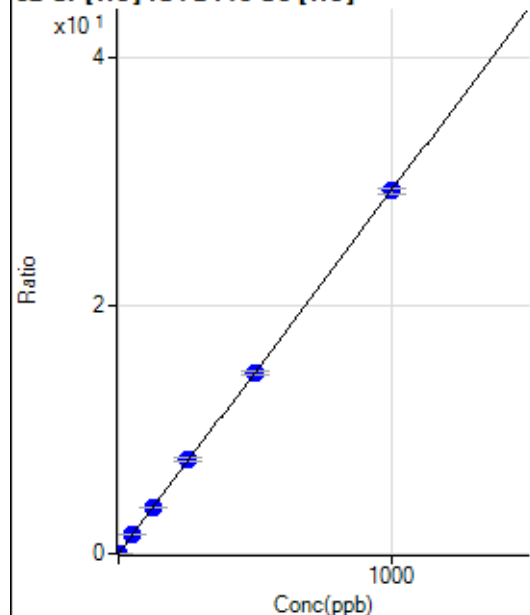
$$y = 0.0223 * x + 1.5849\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.0003516$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.34	0.0135	P	3.1
2	☐	0.200					
3	☐	2.000	1.903	1398.98	0.0692	P	5.8
4	☐	50.000	52.383	30128.17	1.5479	P	2.8
5	☐	125.000	127.375	72709.76	3.7447	P	1.4
6	☐	250.000	258.845	139155.36	7.5958	P	5.6
7	☐	500.000	496.662	264808.65	14.5622	P	1.6
8	☐	1000.000	999.042	518868.54	29.2784	P	1.3
9	☐			4768.68	0.2716	P	2.3

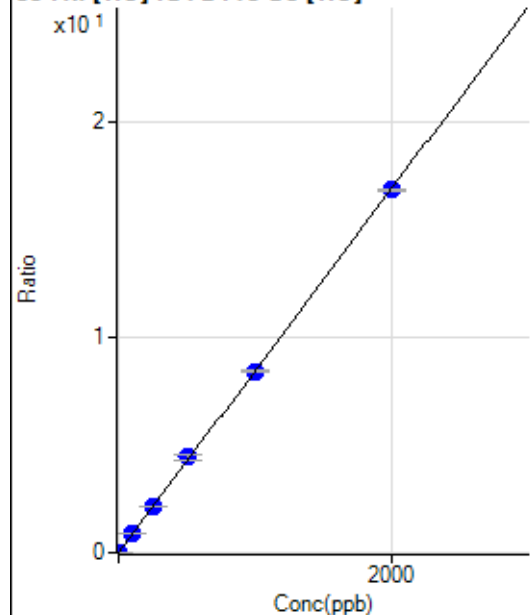
$$y = 0.0293 * x + 0.0135$$

$$R = 0.9999$$

$$DL = 0.04318$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0011	P	14.7
2	☐	0.100					
3	☐	1.000	1.019	196.67	0.0097	P	17.6
4	☐	100.000	106.297	17497.81	0.8992	P	3.8
5	☐	250.000	255.881	41996.49	2.1630	P	2.0
6	☐	500.000	523.926	81109.30	4.4276	P	5.7
7	☐	1000.000	998.481	153427.12	8.4370	P	1.6
8	☐	2000.000	1993.728	298551.20	16.8456	P	0.7
9	☐			715.59	0.0408	P	7.6

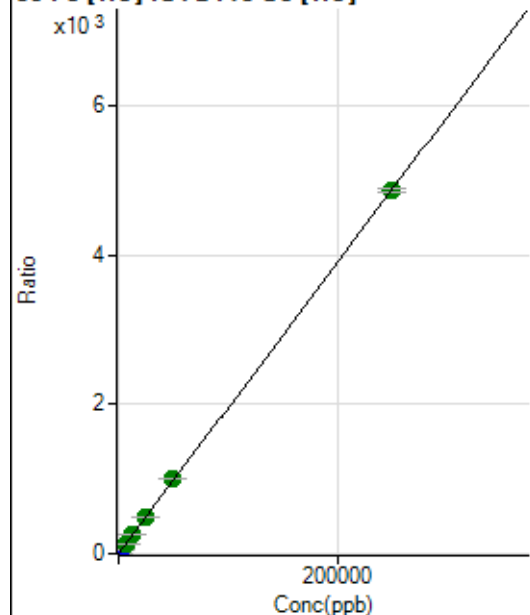
$$y = 0.0084 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.05794$$

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	1200.09	0.0572	P	10.5
2	☐	5.000					
3	☐	50.000	48.243	20116.83	0.9951	P	2.6
4	☐	2500.000	2677.053	1014050.08	52.1039	P	3.2
5	☐	6250.000	6552.731	2475038.94	127.4542	A	0.2
6	☐	12500.000	13347.160	4754954.68	259.5502	A	5.5
7	☐	25000.000	25271.085	8935659.00	491.3730	A	1.5
8	☐	50000.000	51250.318	17659766.95	996.4564	A	0.8
9	☐	250000.00	249671.13	85206616.72	4,854.117	A	0.9

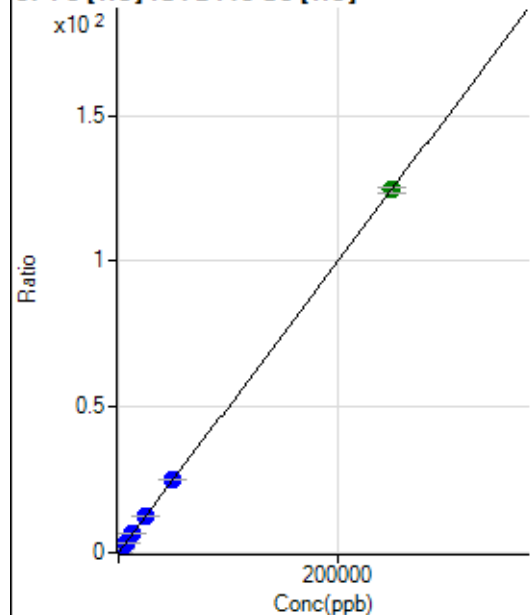
$$y = 0.0194 * x + 0.0572$$

$$R = 1.0000$$

$$DL = 0.9265$$

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	38.89	0.0019	P	63.0
2	☐	5.000					
3	☐	50.000	44.364	483.36	0.0239	P	15.5
4	☐	2500.000	2604.026	25260.40	1.2981	P	3.9
5	☐	6250.000	6321.483	61135.94	3.1485	P	1.3
6	☐	12500.000	13130.529	119822.12	6.5378	P	4.4
7	☐	25000.000	24979.726	226143.85	12.4359	P	1.7
8	☐	50000.000	49966.132	440813.66	24.8733	P	0.9
9	☐	250000.00	249974.44	2184146.03	124.4307	A	1.3

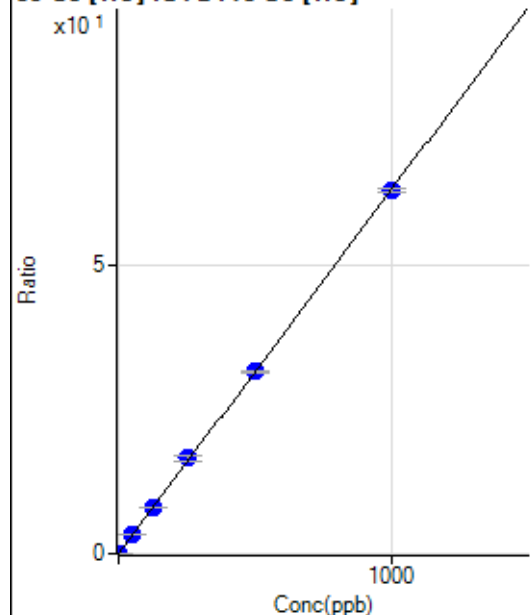
$$y = 4.9777E-004 * x + 0.0019$$

$$R = 1.0000$$

$$DL = 7.054$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0021	P	29.5
2	☐	0.100					
3	☐	1.000	0.949	1250.08	0.0618	P	4.2
4	☐	50.000	52.734	64649.10	3.3221	P	3.7
5	☐	125.000	127.542	155964.17	8.0319	P	0.7
6	☐	250.000	262.013	302248.36	16.4979	P	5.5
7	☐	500.000	500.513	573068.31	31.5133	P	1.3
8	☐	1000.000	996.286	1111668.83	62.7262	P	0.9
9	☐			1243.42	0.0708	P	3.5

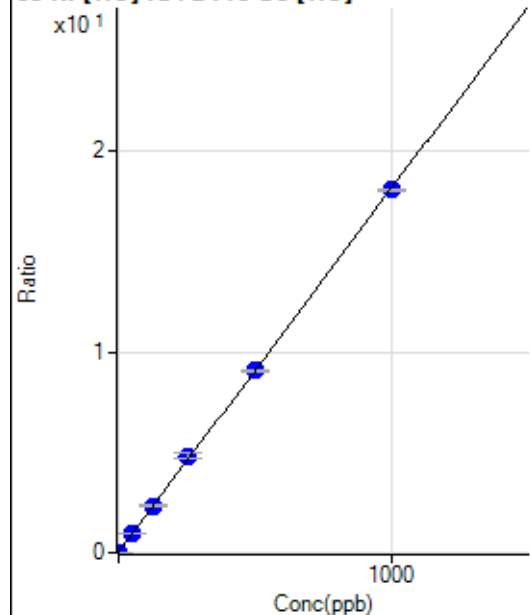
$$y = 0.0630 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 0.02964$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	322.23	0.0153	P	8.0
2	☐	0.100					
3	☐	1.000	1.050	694.47	0.0344	P	10.2
4	☐	50.000	53.186	19065.51	0.9799	P	5.0
5	☐	125.000	128.260	45470.78	2.3415	P	1.0
6	☐	250.000	265.096	88359.07	4.8233	P	5.6
7	☐	500.000	500.237	165266.03	9.0880	P	1.1
8	☐	1000.000	995.541	320267.13	18.0712	P	0.9
9	☐			2114.64	0.1205	P	3.5

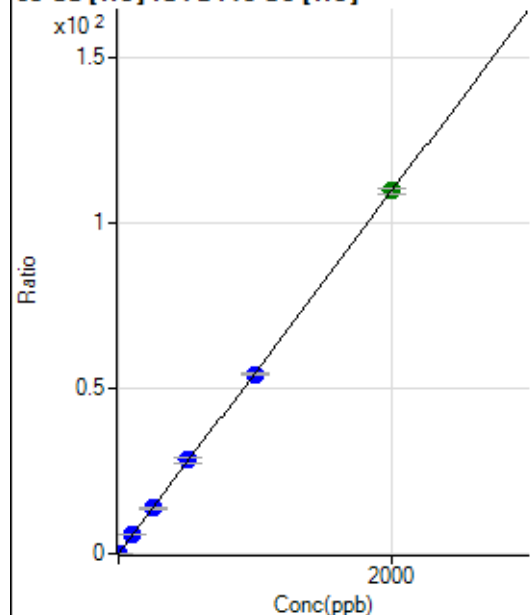
$$y = 0.0181 * x + 0.0153$$

$$R = 0.9999$$

$$DL = 0.2035$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.34	0.0054	P	13.1
2	☐	0.200					
3	☐	2.000	1.814	2121.31	0.1049	P	1.1
4	☐	100.000	103.625	110761.49	5.6915	P	3.5
5	☐	250.000	250.638	267154.91	13.7585	P	1.2
6	☐	500.000	515.199	517962.93	28.2756	P	5.8
7	☐	1000.000	987.150	985147.33	54.1727	P	1.1
8	☐	2000.000	2002.364	1947266.88	109.8799	A	1.4
9	☐			2172.43	0.1237	P	3.4

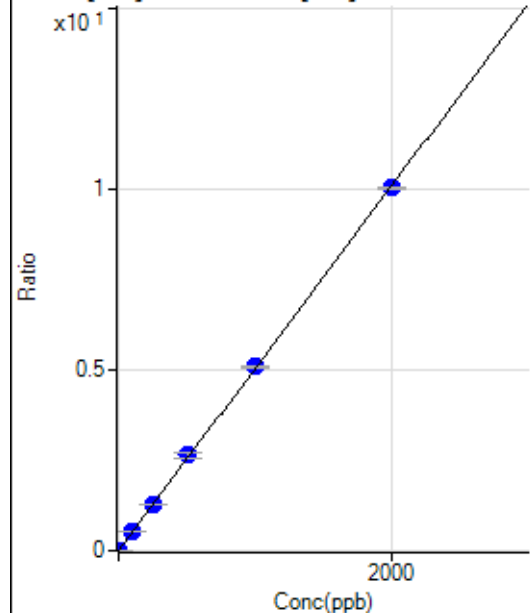
$$y = 0.0549 * x + 0.0054$$

$$R = 0.9999$$

$$DL = 0.03853$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0007	P	79.4
2	☐	0.200					
3	☐	2.000	2.089	227.78	0.0113	P	9.9
4	☐	100.000	105.234	10341.78	0.5312	P	1.6
5	☐	250.000	253.552	24833.58	1.2789	P	1.9
6	☐	500.000	523.370	48358.56	2.6391	P	5.0
7	☐	1000.000	1007.602	92379.52	5.0801	P	1.7
8	☐	2000.000	1989.650	177771.37	10.0307	P	0.9
9	☐			564.46	0.0321	P	5.2

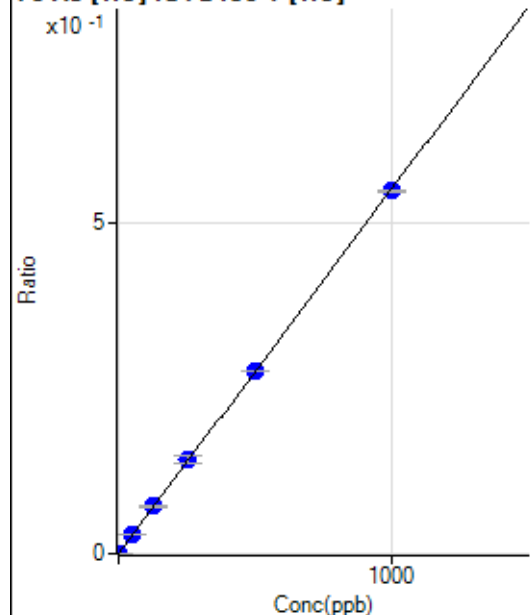
$$y = 0.0050 * x + 7.3399E-004$$

$$R = 0.9999$$

$$DL = 0.347$$

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	4.94	0.0000	P	78.0
2	☐	0.100					
3	☐	1.000	1.153	93.83	0.0007	P	10.1
4	☐	50.000	52.966	3958.63	0.0292	P	5.9
5	☐	125.000	129.665	9720.15	0.0714	P	0.7
6	☐	250.000	258.630	18538.47	0.1424	P	6.6
7	☐	500.000	502.886	35741.80	0.2768	P	0.4
8	☐	1000.000	995.668	69830.75	0.5480	P	0.5
9	☐			28.40	0.0002	P	42.8

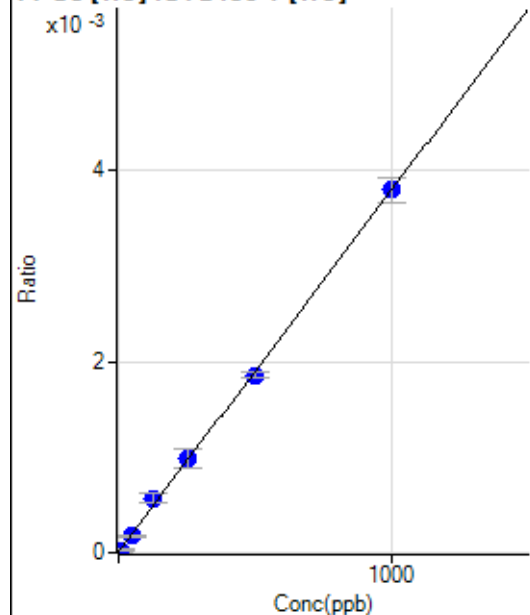
$$y = 5.5040\text{E-}004 * x + 3.4692\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1475$$

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	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.265	3.33	0.0000	P	100.
4	☐	50.000	43.310	23.33	0.0002	P	13.0
5	☐	125.000	148.960	77.78	0.0006	P	19.5
6	☐	250.000	259.330	128.89	0.0010	P	19.2
7	☐	500.000	489.305	240.01	0.0019	P	3.0
8	☐	1000.000	1000.358	483.35	0.0038	P	7.1
9	☐			0.00	0.0000	P	

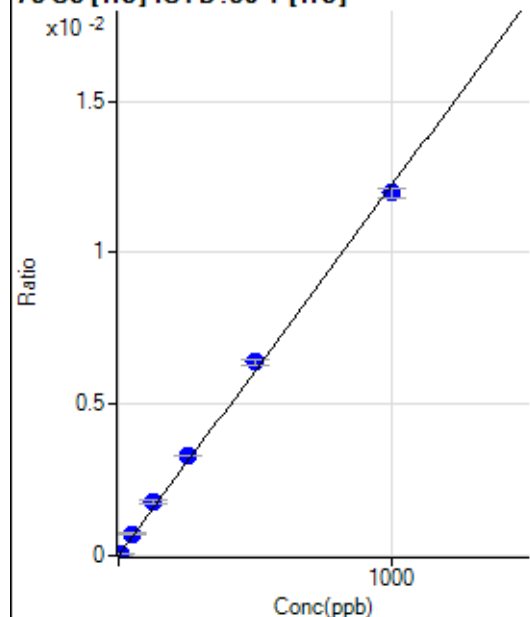
$$y = 3.7831\text{E-}006 * x + 7.8503\text{E-}006$$

$$R = 0.9995$$

$$DL = 10.78$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.056	9.26	0.0001	P	52.5
4	☐	50.000	58.210	96.92	0.0007	P	9.2
5	☐	125.000	145.073	241.36	0.0018	P	7.0
6	☐	250.000	269.225	429.02	0.0033	P	0.8
7	☐	500.000	522.612	823.49	0.0064	P	3.6
8	☐	1000.000	980.968	1524.79	0.0120	P	2.8
9	☐			1.85	0.0000	P	1.0

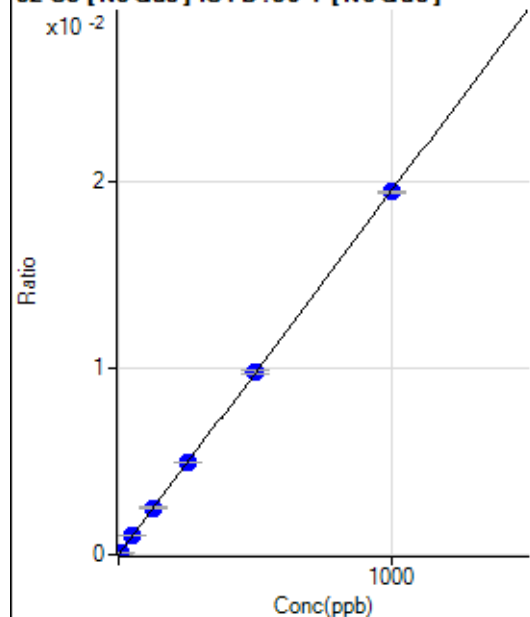
$$y = 1.2195\text{E-}005 * x + 4.3319\text{E-}006$$

$$R = 0.9993$$

$$DL = 1.846$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.89	0.0000	P	766.
2	☐	0.500					
3	☐	5.000	4.563	395.40	0.0001	P	7.7
4	☐	50.000	52.525	4532.50	0.0010	P	1.1
5	☐	125.000	128.857	11095.60	0.0025	P	1.6
6	☐	250.000	253.321	22072.90	0.0049	P	0.9
7	☐	500.000	502.164	43344.76	0.0098	P	1.4
8	☐	1000.000	997.482	84141.65	0.0195	P	0.8
9	☐			40.41	0.0000	P	49.3

$$y = 1.9528\text{E-}005 * x + 4.2474\text{E-}007$$

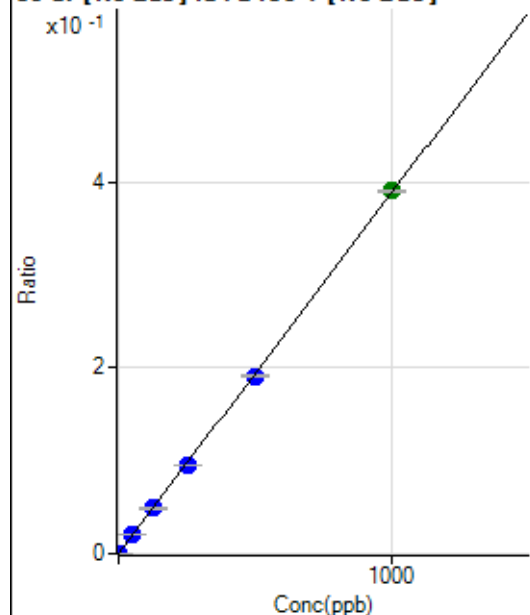
$$R = 1.0000$$

$$DL = 0.5001$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	394.47	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.991	2091.93	0.0005	P	12.4
4	☐	50.000	50.559	87155.12	0.0197	P	0.2
5	☐	125.000	125.124	214706.83	0.0487	P	0.2
6	☐	250.000	244.771	424670.45	0.0952	P	0.5
7	☐	500.000	490.925	843392.46	0.1908	P	0.9
8	☐	1000.000	1005.802	1688266.33	0.3908	A	0.5
9	☐			56542.71	0.0133	P	2.2

$$y = 3.8850E-004 * x + 8.9208E-005$$

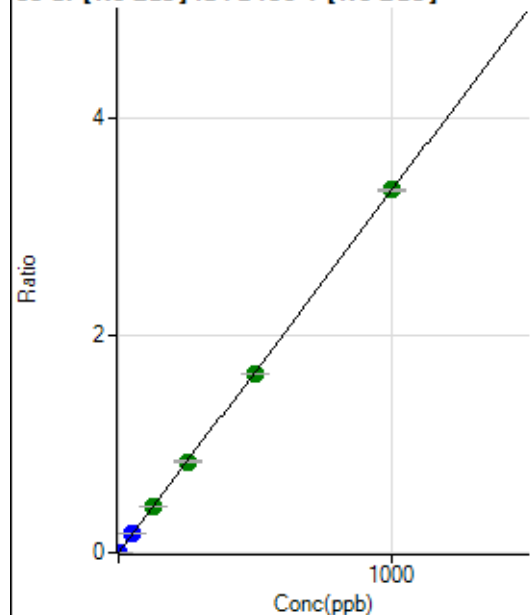
$$R = 0.9999$$

$$DL = 0.05364$$

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	97.23	0.0000	P	39.5
2	☐	0.100					
3	☐	1.000	0.961	14263.59	0.0032	P	1.2
4	☐	50.000	51.150	754440.57	0.1708	P	0.3
5	☐	125.000	128.467	1891099.87	0.4289	A	0.1
6	☐	250.000	252.188	3756730.81	0.8420	A	0.7
7	☐	500.000	494.099	7291795.22	1.6497	A	0.3
8	☐	1000.000	1001.912	14449614.21	3.3452	A	0.5
9	☐			492345.56	0.1156	P	0.4

$$y = 0.0033 * x + 2.1985E-005$$

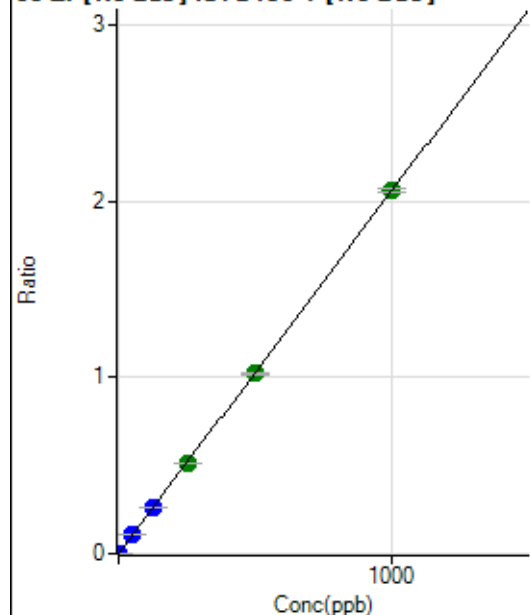
$$R = 1.0000$$

$$DL = 0.007803$$

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	233.35	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.936	8730.94	0.0020	P	5.1
4	☐	50.000	50.564	459198.82	0.1040	P	0.4
5	☐	125.000	126.595	1147165.12	0.2602	P	0.6
6	☐	250.000	251.527	2306401.63	0.5169	A	0.3
7	☐	500.000	497.208	4516273.24	1.0218	A	1.1
8	☐	1000.000	1000.786	8883674.77	2.0566	A	1.0
9	☐			1680.74	0.0004	P	7.6

$$y = 0.0021 * x + 5.2786E-005$$

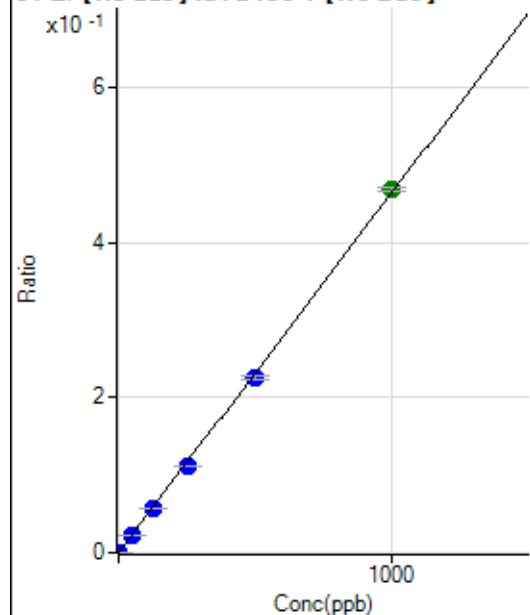
$$R = 1.0000$$

$$DL = 0.01116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	0.909	1925.22	0.0004	P	5.3
4	☐	50.000	49.732	101972.36	0.0231	P	0.3
5	☐	125.000	123.719	253101.99	0.0574	P	0.8
6	☐	250.000	242.709	502438.63	0.1126	P	0.2
7	☐	500.000	486.411	997421.68	0.2257	P	1.2
8	☐	1000.000	1008.791	2021567.04	0.4680	A	1.1
9	☐			405.58	0.0001	P	12.7

$$y = 4.6391E-004 * x + 1.4457E-005$$

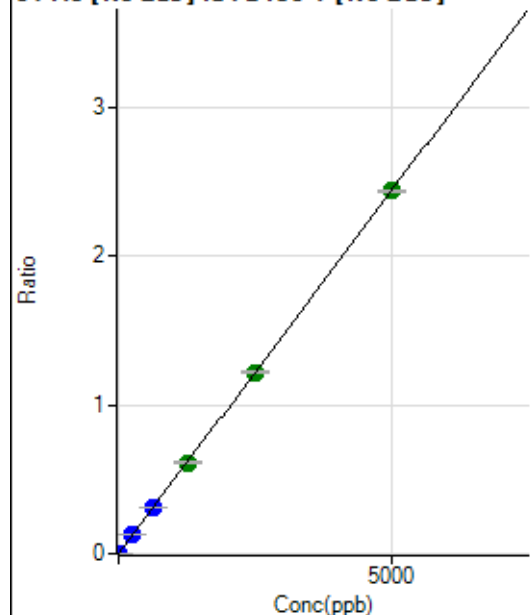
$$R = 0.9998$$

$$DL = 0.02561$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	16.4
2	☐	0.500					
3	☐	5.000	4.672	10170.87	0.0023	P	2.5
4	☐	250.000	255.065	549203.53	0.1243	P	0.9
5	☐	625.000	632.953	1360114.78	0.3085	P	0.7
6	☐	1250.000	1256.168	2731520.70	0.6122	A	1.2
7	☐	2500.000	2497.047	5379139.23	1.2170	A	0.6
8	☐	5000.000	4998.688	10523385.04	2.4362	A	0.3
9	☐			4086.93	0.0010	P	9.4

$$y = 4.8737\text{E-}004 * x + 2.7023\text{E-}005$$

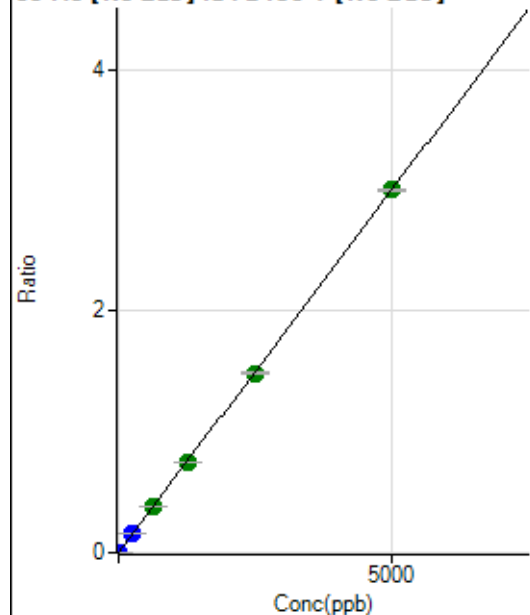
$$R = 1.0000$$

$$DL = 0.02721$$

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	50.00	0.0000	P	44.1
2	☐	0.500					
3	☐	5.000	4.578	12178.18	0.0028	P	3.1
4	☐	250.000	253.404	671626.50	0.1521	P	0.6
5	☐	625.000	637.563	1686558.11	0.3825	A	0.5
6	☐	1250.000	1255.510	3361042.31	0.7533	A	0.5
7	☐	2500.000	2480.390	6577857.22	1.4882	A	1.1
8	☐	5000.000	5006.687	12975922.60	3.0040	A	0.5
9	☐			6576.85	0.0015	P	5.3

$$y = 6.0000\text{E-}004 * x + 1.1311\text{E-}005$$

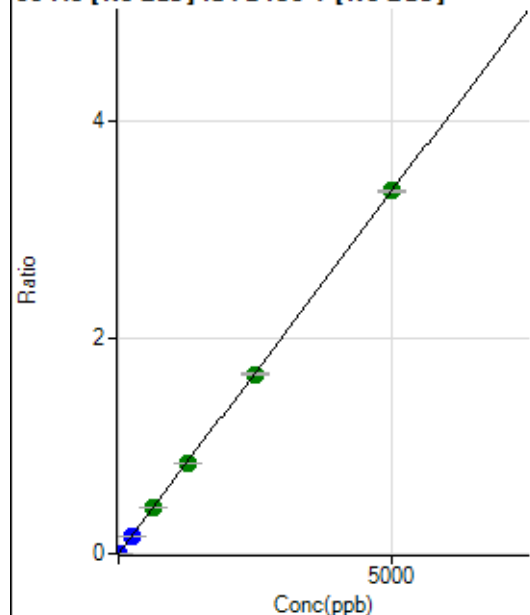
$$R = 1.0000$$

$$DL = 0.02494$$

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	52.78	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	4.675	13896.57	0.0031	P	3.3
4	☐	250.000	251.622	745616.30	0.1688	P	0.2
5	☐	625.000	638.881	1889514.99	0.4286	A	0.3
6	☐	1250.000	1252.138	3747635.07	0.8400	A	0.5
7	☐	2500.000	2479.974	7352970.04	1.6636	A	1.0
8	☐	5000.000	5007.663	14510276.71	3.3592	A	0.5
9	☐			8330.74	0.0020	P	7.8

$$y = 6.7081\text{E-}004 * x + 1.1942\text{E-}005$$

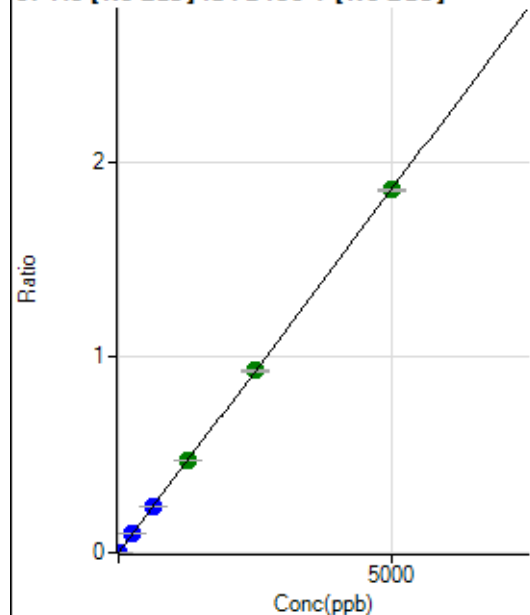
$$R = 1.0000$$

$$DL = 0.01765$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	60.3
2	☐	0.500					
3	☐	5.000	4.530	7480.14	0.0017	P	1.1
4	☐	250.000	254.338	417462.96	0.0945	P	1.0
5	☐	625.000	629.648	1031457.61	0.2340	P	0.1
6	☐	1250.000	1261.914	2092016.69	0.4689	A	0.5
7	☐	2500.000	2505.630	4114958.99	0.9310	A	0.6
8	☐	5000.000	4993.409	8014111.64	1.8553	A	0.5
9	☐			3889.63	0.0009	P	8.6

$$y = 3.7155\text{E-}004 * x + 1.1319\text{E-}005$$

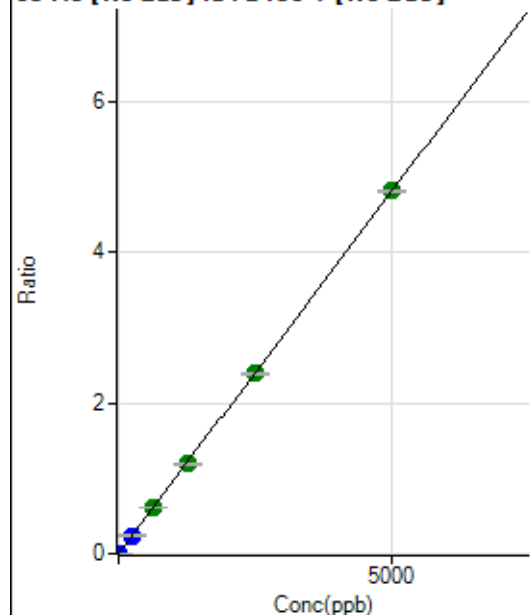
$$R = 1.0000$$

$$DL = 0.05514$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	34.2
2	☐	0.500					
3	☐	5.000	4.623	19723.54	0.0045	P	0.9
4	☐	250.000	251.710	1069981.55	0.2422	P	1.0
5	☐	625.000	637.513	2704743.55	0.6135	A	0.3
6	☐	1250.000	1236.573	5309294.26	1.1900	A	0.7
7	☐	2500.000	2483.107	10561614.30	2.3895	A	0.5
8	☐	5000.000	5010.154	20825672.51	4.8213	A	0.5
9	☐			9692.76	0.0023	P	8.7

$$y = 9.6230E-004 * x + 1.9486E-005$$

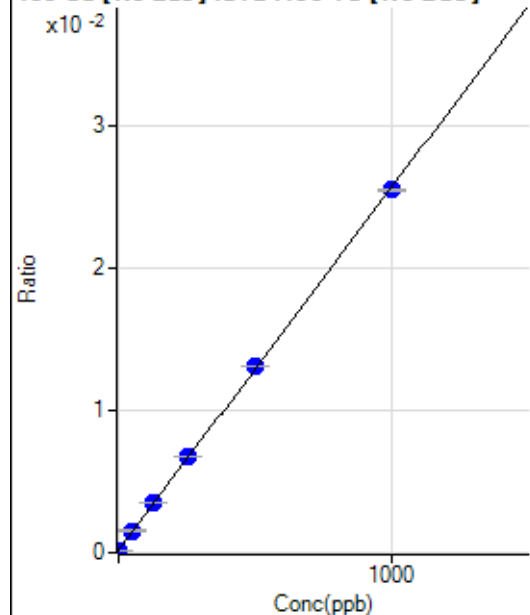
$$R = 1.0000$$

$$DL = 0.02077$$

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	933.42	0.0002	P	20.2
2	☐	0.100					
3	☐	1.000	-0.574	855.62	0.0002	P	9.1
4	☐	50.000	53.326	8222.32	0.0015	P	3.9
5	☐	125.000	130.963	18713.80	0.0035	P	1.8
6	☐	250.000	258.826	36787.07	0.0068	P	1.1
7	☐	500.000	507.295	71620.96	0.0131	P	0.2
8	☐	1000.000	993.236	139288.43	0.0255	P	0.6
9	☐			816.73	0.0002	P	10.4

$$y = 2.5467E-005 * x + 1.7594E-004$$

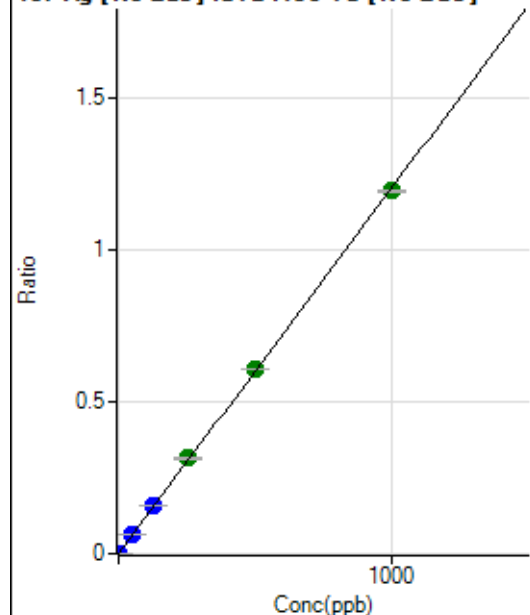
$$R = 0.9999$$

$$DL = 4.19$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	29.3
2	☐	0.100					
3	☐	1.000	0.964	6215.58	0.0012	P	2.0
4	☐	50.000	53.153	342376.65	0.0639	P	0.0
5	☐	125.000	132.250	846882.60	0.1589	P	0.6
6	☐	250.000	261.193	1705958.91	0.3138	A	1.2
7	☐	500.000	506.021	3325201.05	0.6080	A	0.5
8	☐	1000.000	993.128	6525259.00	1.1932	A	0.7
9	☐			472.25	0.0001	P	19.3

$$y = 0.0012 * x + 1.3622E-005$$

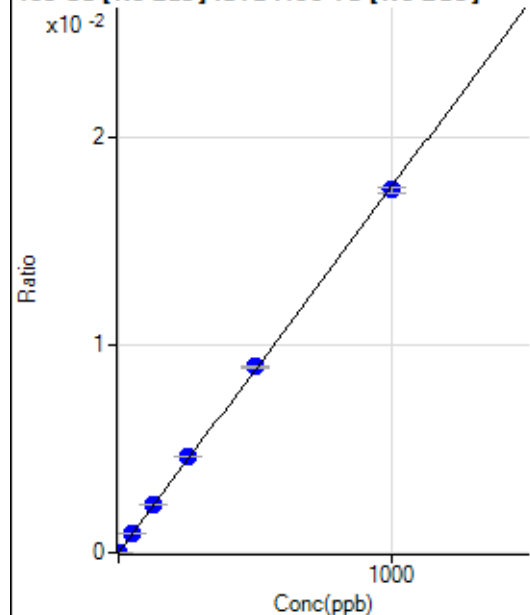
$$R = 0.9999$$

$$DL = 0.009954$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	1.011	94.45	0.0000	P	9.3
4	☐	50.000	53.420	5044.11	0.0009	P	2.1
5	☐	125.000	133.007	12487.99	0.0023	P	1.4
6	☐	250.000	263.213	25204.40	0.0046	P	1.7
7	☐	500.000	507.653	48909.57	0.0089	P	0.7
8	☐	1000.000	991.698	95535.53	0.0175	P	1.3
9	☐			23.61	0.0000	P	53.7

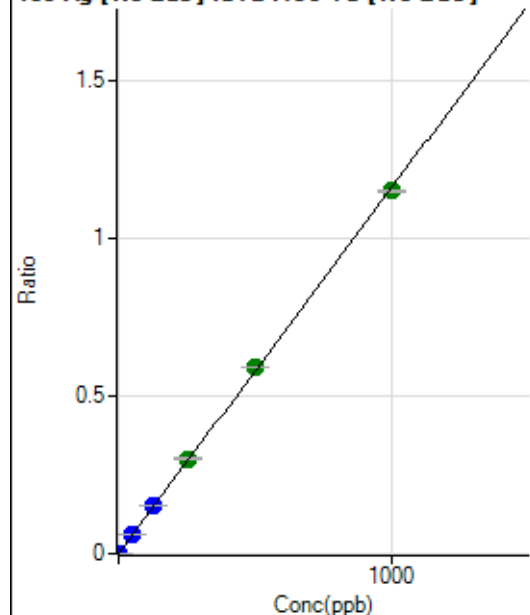
$$y = 1.7616E-005 * x + 0.0000E+000$$

$$R = 0.9998$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	39.7
2	☐	0.100					
3	☐	1.000	0.986	6093.30	0.0011	P	2.1
4	☐	50.000	52.691	326971.37	0.0610	P	1.5
5	☐	125.000	130.578	805587.09	0.1512	P	0.9
6	☐	250.000	259.968	1635831.62	0.3009	A	1.6
7	☐	500.000	509.616	3226448.03	0.5899	A	0.3
8	☐	1000.000	991.868	6278892.41	1.1482	A	0.5
9	☐			383.35	0.0001	P	5.7

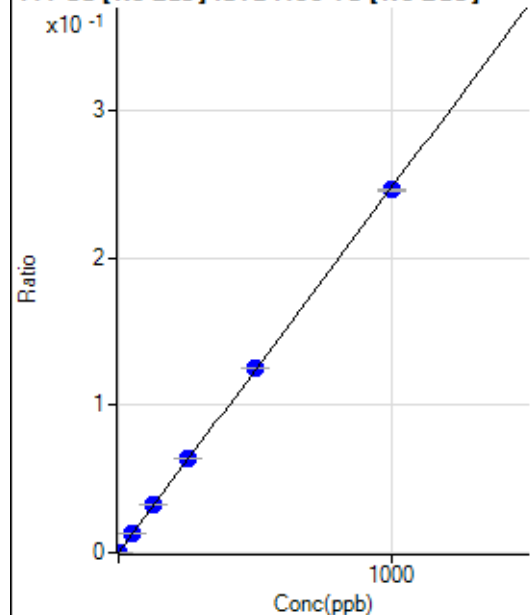
$$y = 0.0012 * x + 7.8497E-006$$

$$R = 0.9999$$

$$DL = 0.008085$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	661.72	0.0001	P	20.0
2	☐	0.100					
3	☐	1.000	0.849	1775.97	0.0003	P	3.6
4	☐	50.000	53.257	71327.55	0.0133	P	0.8
5	☐	125.000	132.699	175713.09	0.0330	P	1.0
6	☐	250.000	258.007	347818.78	0.0640	P	1.8
7	☐	500.000	505.839	685477.88	0.1253	P	0.5
8	☐	1000.000	993.953	1346126.41	0.2462	P	0.4
9	☐			784.36	0.0001	P	3.5

$$y = 2.4753E-004 * x + 1.2473E-004$$

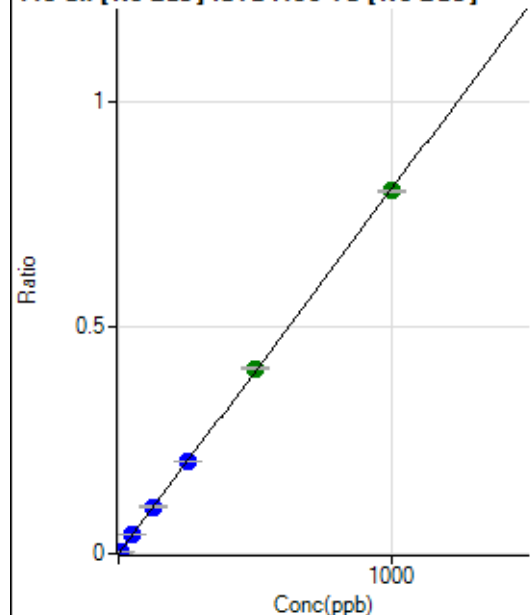
$$R = 0.9999$$

$$DL = 0.3017$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.48	0.0001	P	9.1
2	☐	0.500					
3	☐	5.000	4.677	20469.17	0.0039	P	0.4
4	☐	50.000	51.502	222795.30	0.0416	P	0.5
5	☐	125.000	128.763	553079.73	0.1038	P	0.9
6	☐	250.000	253.347	1109457.57	0.2041	P	1.6
7	☐	500.000	507.249	2234501.79	0.4086	A	0.7
8	☐	1000.000	994.995	4382158.22	0.8013	A	0.8
9	☐			4681.57	0.0009	P	2.1

$$y = 8.0527\text{E-}004 * x + 9.3203\text{E-}005$$

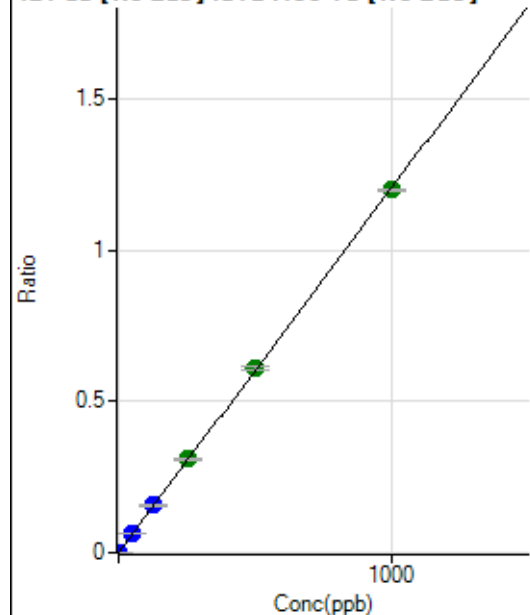
$$R = 1.0000$$

$$DL = 0.03164$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	22.2
2	☐	0.200					
3	☐	2.000	1.895	12192.23	0.0023	P	5.7
4	☐	50.000	51.519	332870.06	0.0621	P	0.4
5	☐	125.000	129.768	833494.34	0.1564	P	1.0
6	☐	250.000	256.358	1679466.29	0.3090	A	1.3
7	☐	500.000	505.445	3331440.50	0.6091	A	1.5
8	☐	1000.000	995.016	6557587.21	1.1991	A	0.3
9	☐			7355.14	0.0014	P	0.9

$$y = 0.0012 * x + 1.4661\text{E-}005$$

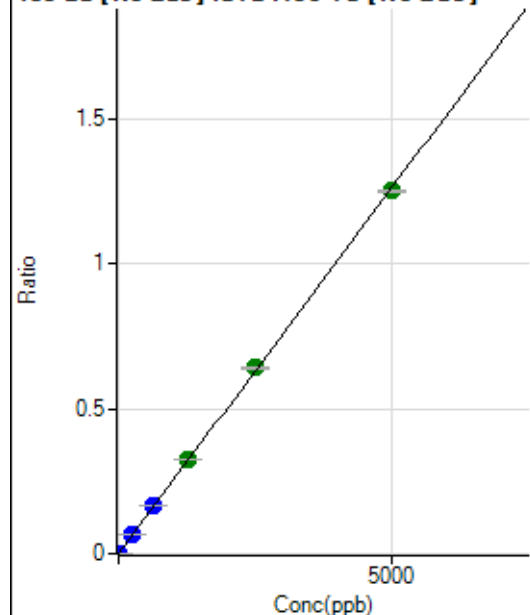
$$R = 0.9999$$

$$DL = 0.008117$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.2
2	☐	1.000					
3	☐	10.000	9.363	12528.72	0.0024	P	1.7
4	☐	250.000	259.795	350770.77	0.0654	P	0.6
5	☐	625.000	650.001	872523.36	0.1637	P	1.7
6	☐	1250.000	1286.639	1761732.27	0.3241	A	1.0
7	☐	2500.000	2547.378	3509250.86	0.6417	A	1.0
8	☐	5000.000	4963.538	6837053.19	1.2502	A	0.6
9	☐			1719.64	0.0003	P	10.1

$$y = 2.5189\text{E-}004 * x + 3.6608\text{E-}006$$

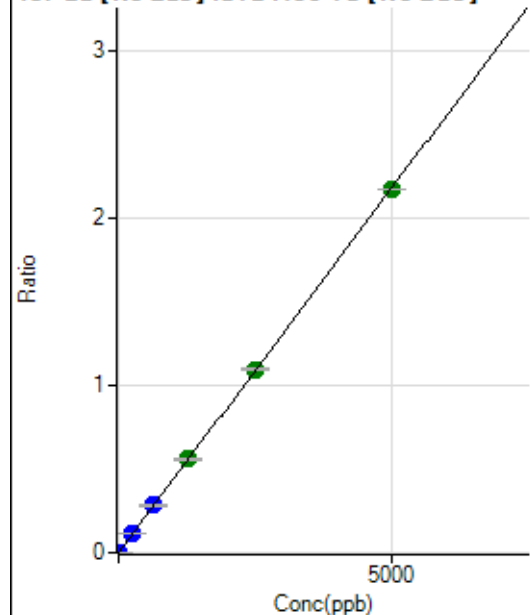
$$R = 0.9999$$

$$DL = 0.02842$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.23	0.0000	P	56.9
2	☐	1.000					
3	☐	10.000	9.380	21738.12	0.0041	P	1.7
4	☐	250.000	258.159	603325.93	0.1126	P	0.6
5	☐	625.000	647.762	1505052.15	0.2824	P	1.1
6	☐	1250.000	1283.543	3041841.93	0.5596	A	1.4
7	☐	2500.000	2518.288	6004705.13	1.0979	A	0.4
8	☐	5000.000	4979.218	11871292.97	2.1708	A	0.0
9	☐			3128.31	0.0006	P	5.4

$$y = 4.3598\text{E-}004 * x + 8.9124\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03487$$

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	☐			6.67		P	173.
4	☐			15.55		P	24.8
5	☐			44.45		P	37.7
6	☐			82.22		P	51.5
7	☐			177.79		P	24.1
8	☐			282.24		P	14.4
9	☐			68.89		P	14.8

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	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			3.33		P	100.
7	☐			4.45		P	86.6
8	☐			10.00		P	33.3
9	☐			4.44		P	114.

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐						
3	☐			13.89		P	91.6
4	☐			22.22		P	78.1
5	☐			11.11		P	173.
6	☐			27.78		P	34.6
7	☐			27.78		P	45.8
8	☐			100.01		P	16.7
9	☐			52.78		P	32.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			2.22		P	173.
7	☐			2.22		P	173.
8	☐			8.89		P	57.3
9	☐			15.56		P	12.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐						
3	☐			27.78		P	45.8
4	☐			44.45		P	47.2
5	☐			16.67		P	100.
6	☐			27.78		P	34.6
7	☐			58.33		P	37.8
8	☐			44.45		P	28.7
9	☐			72.23		P	37.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			8.89		P	21.6
6	☐			3.33		P	100.
7	☐			4.44		P	43.4
8	☐			4.44		P	43.4
9	☐			12.22		P	83.3

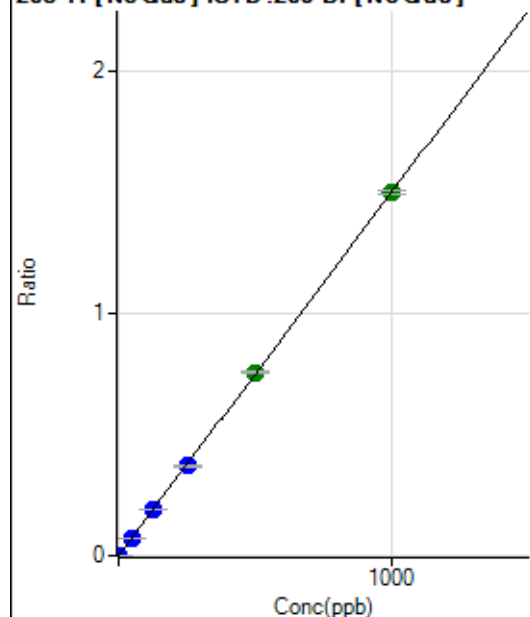
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			19.44		P	65.5
4	☐			25.00		P	57.7
5	☐			22.22		P	21.6
6	☐			22.22		P	108.
7	☐			33.33		P	43.3
8	☐			44.44		P	21.7
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			2.22		P	86.6
5	☐			5.56		P	91.6
6	☐			7.78		P	89.2
7	☐			3.33		P	100.
8	☐			7.78		P	65.5
9	☐			4.44		P	43.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0001	P	24.5
2	☐	0.100					
3	☐	1.000	0.934	4959.53	0.0015	P	5.9
4	☐	50.000	49.689	252363.75	0.0744	P	0.6
5	☐	125.000	125.135	632937.97	0.1873	P	0.9
6	☐	250.000	247.001	1272935.99	0.3697	P	2.4
7	☐	500.000	504.248	2586205.22	0.7547	A	1.1
8	☐	1000.000	998.624	5149771.47	1.4945	A	1.0
9	☐			2508.71	0.0008	P	2.2

$$y = 0.0015 * x + 8.7651E-005$$

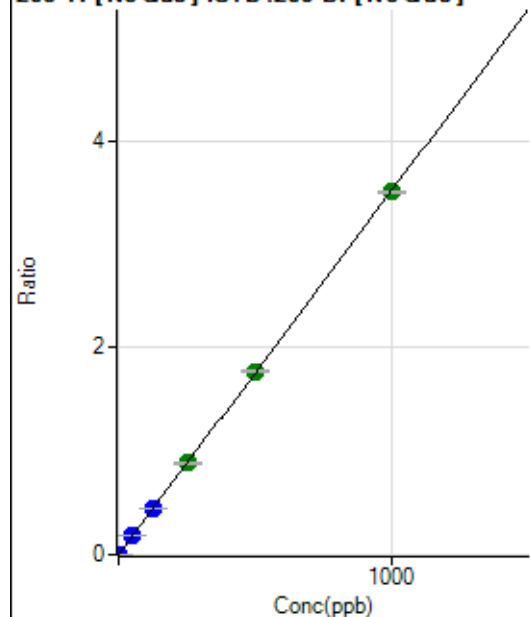
$$R = 1.0000$$

$$DL = 0.04306$$

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	855.63	0.0003	P	3.7
2	☐	0.100					
3	☐	1.000	0.912	11555.68	0.0035	P	2.5
4	☐	50.000	50.314	600995.42	0.1773	P	0.3
5	☐	125.000	127.059	1511234.32	0.4473	P	0.8
6	☐	250.000	253.225	3068591.78	0.8913	A	2.4
7	☐	500.000	503.054	6066717.76	1.7703	A	0.9
8	☐	1000.000	997.394	12093734.47	3.5097	A	0.8
9	☐			5904.43	0.0018	P	5.5

$$y = 0.0035 * x + 2.5204E-004$$

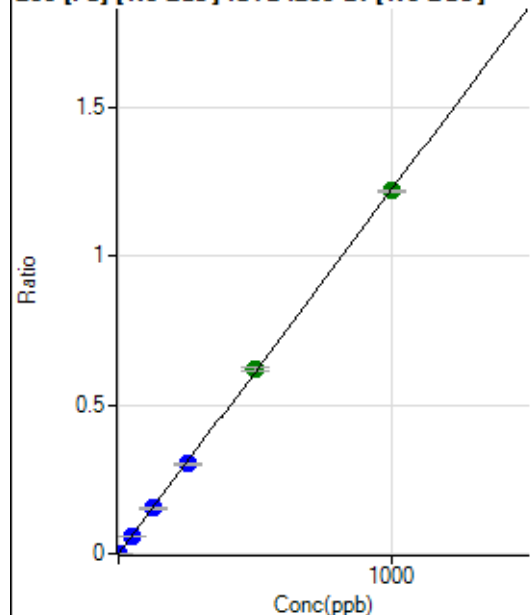
$$R = 1.0000$$

$$DL = 0.008018$$

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	298.16	0.0001	P	21.1
2	☐	0.100					
3	☐	1.000	0.935	4104.50	0.0012	P	6.1
4	☐	50.000	49.718	206213.49	0.0608	P	0.9
5	☐	125.000	124.719	515076.45	0.1525	P	1.3
6	☐	250.000	245.904	1034807.19	0.3005	P	1.2
7	☐	500.000	507.671	2125738.58	0.6203	A	2.5
8	☐	1000.000	997.238	4198669.05	1.2185	A	0.8
9	☐			7322.73	0.0022	P	2.1

$$y = 0.0012 * x + 8.7900E-005$$

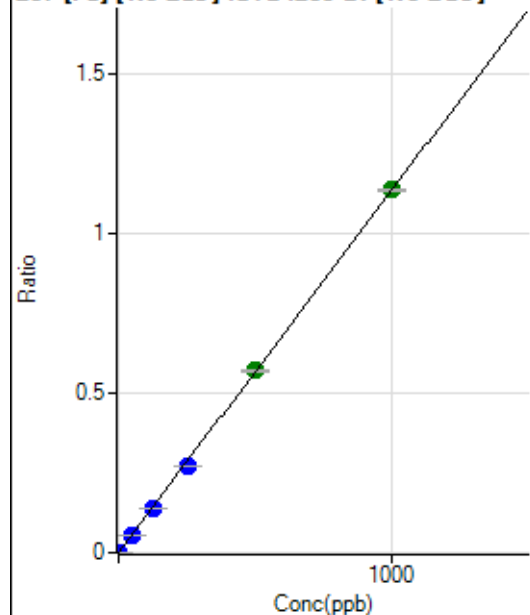
$$R = 0.9999$$

$$DL = 0.04558$$

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	235.19	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.925	3734.00	0.0011	P	2.6
4	☐	50.000	48.149	185416.89	0.0547	P	0.4
5	☐	125.000	121.544	466117.58	0.1380	P	0.4
6	☐	250.000	240.212	938663.35	0.2726	P	1.0
7	☐	500.000	502.228	1952908.88	0.5699	A	1.2
8	☐	1000.000	1001.858	3916984.58	1.1367	A	0.4
9	☐			6392.55	0.0020	P	2.5

$$y = 0.0011 * x + 6.9221E-005$$

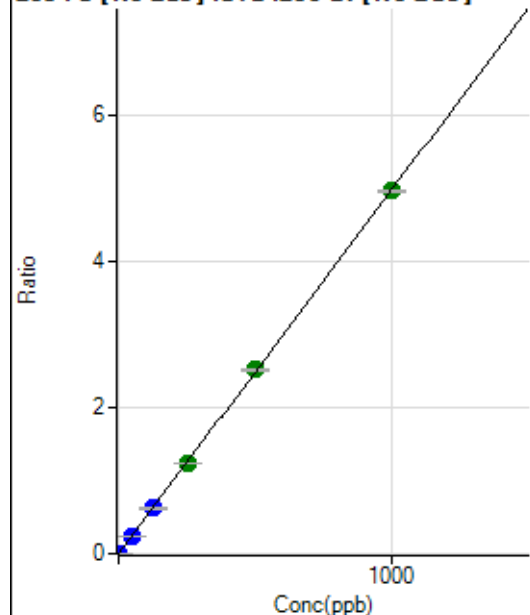
$$R = 0.9999$$

$$DL = 0.02664$$

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	1105.61	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	0.932	16595.48	0.0050	P	2.4
4	☐	50.000	49.321	834543.62	0.2462	P	0.3
5	☐	125.000	124.520	2098136.03	0.6210	P	0.6
6	☐	250.000	247.850	4255411.47	1.2358	A	0.8
7	☐	500.000	505.477	8635919.84	2.5201	A	1.2
8	☐	1000.000	997.893	17141868.65	4.9747	A	0.4
9	☐			28730.08	0.0088	P	1.2

$$y = 0.0050 * x + 3.2567E-004$$

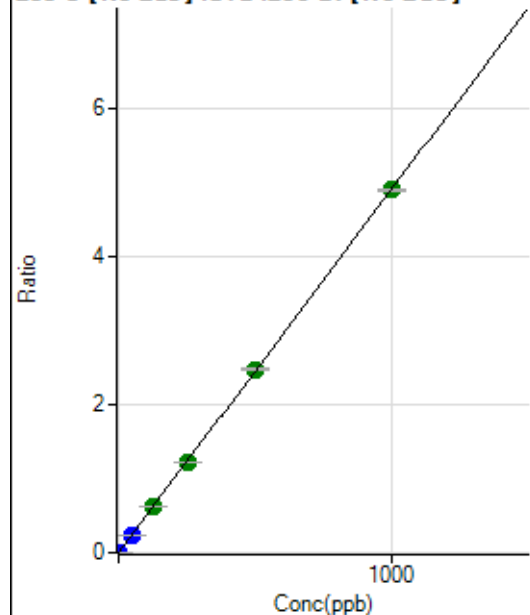
$$R = 1.0000$$

$$DL = 0.007426$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	44.9
2	☐	0.100					
3	☐	1.000	0.876	14403.36	0.0043	P	2.1
4	☐	50.000	49.049	814700.29	0.2403	P	0.6
5	☐	125.000	126.047	2086453.80	0.6176	A	0.8
6	☐	250.000	247.311	4172338.20	1.2117	A	0.9
7	☐	500.000	503.906	8460426.14	2.4689	A	1.4
8	☐	1000.000	998.636	16859531.28	4.8927	A	0.3
9	☐			1002.87	0.0003	P	13.6

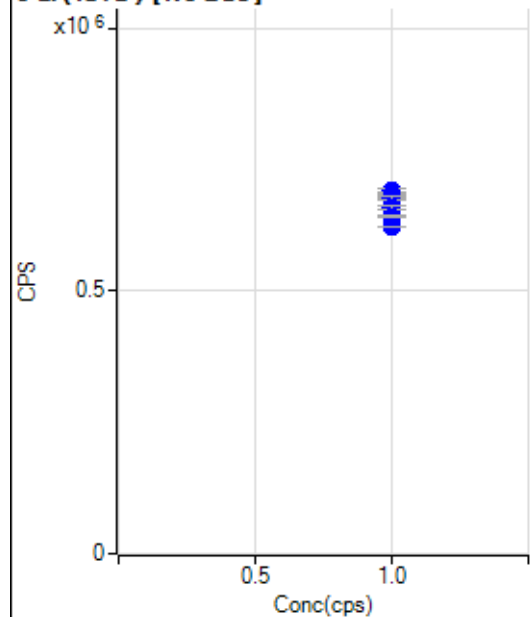
$$y = 0.0049 * x + 2.2109E-005$$

$$R = 1.0000$$

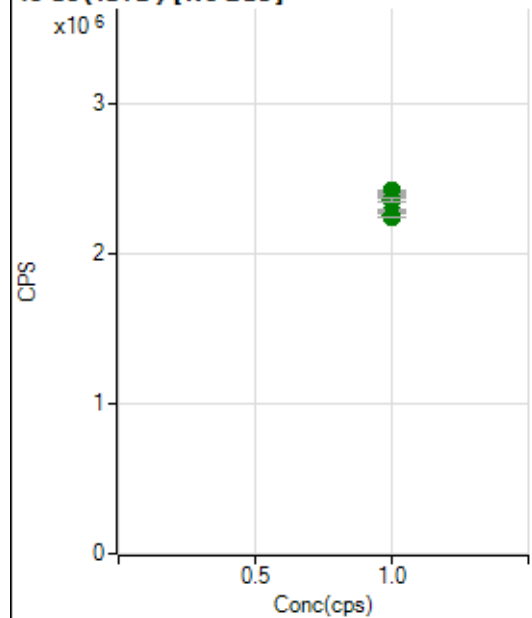
$$DL = 0.006078$$

Weight: <None>

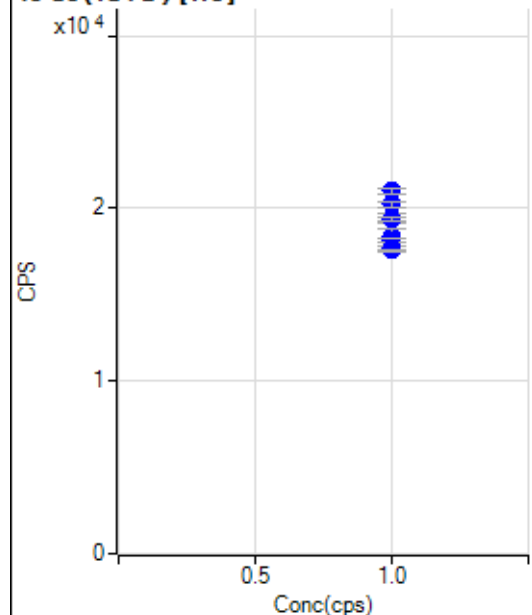
Min Conc: 0

6 Li (ISTD) [No Gas]

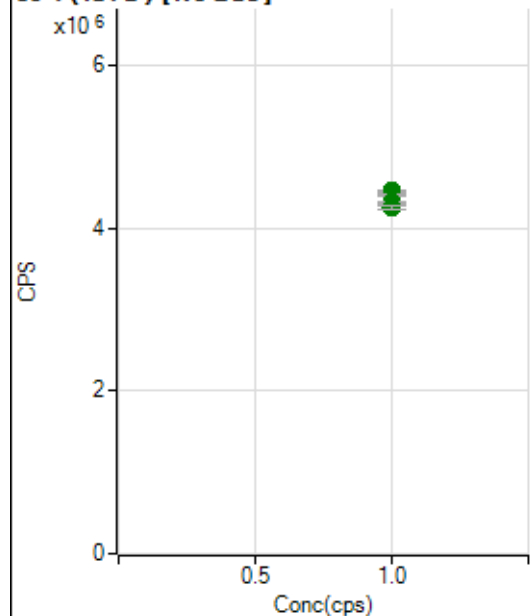
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		690219.99		P	0.9
2	☐	1.000					
3	☐	1.000		684626.97		P	0.6
4	☐	1.000		684068.86		P	0.4
5	☐	1.000		679274.63		P	0.4
6	☐	1.000		676977.81		P	0.8
7	☐	1.000		658690.65		P	0.8
8	☐	1.000		641967.16		P	0.4
9	☐	1.000		621296.25		P	0.1

45 Sc (ISTD) [No Gas]

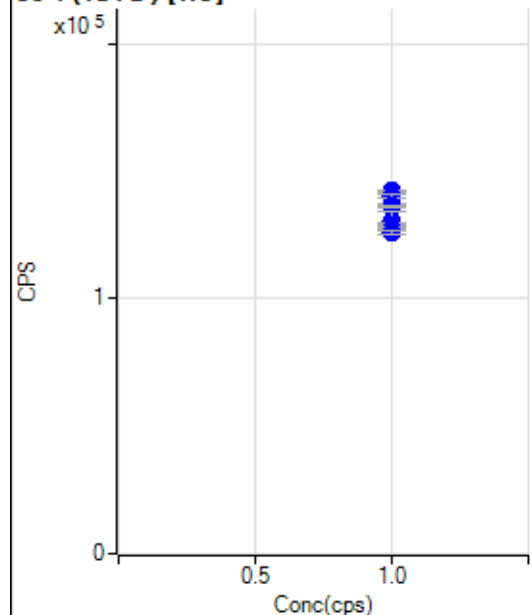
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2421904.46		A	0.8
2	☐	1.000					
3	☐	1.000		2394595.95		A	0.8
4	☐	1.000		2395070.93		A	0.5
5	☐	1.000		2363081.78		A	1.0
6	☐	1.000		2360035.34		A	0.9
7	☐	1.000		2288942.98		A	0.9
8	☐	1.000		2264153.22		A	1.3
9	☐	1.000		2250161.14		A	0.2

45 Sc (ISTD) [He]

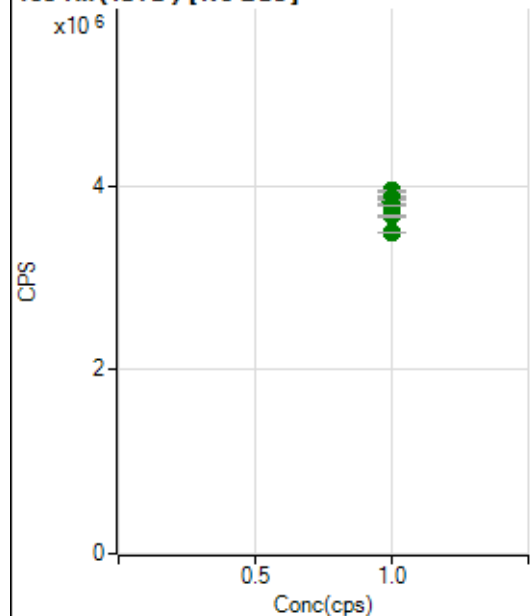
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21014.82		P	1.7
2	☐	1.000					
3	☐	1.000		20221.40		P	1.7
4	☐	1.000		19473.77		P	2.9
5	☐	1.000		19419.19		P	1.3
6	☐	1.000		18356.72		P	5.4
7	☐	1.000		18186.42		P	1.0
8	☐	1.000		17723.62		P	1.1
9	☐	1.000		17554.53		P	1.0

89 Y (ISTD) [No Gas]

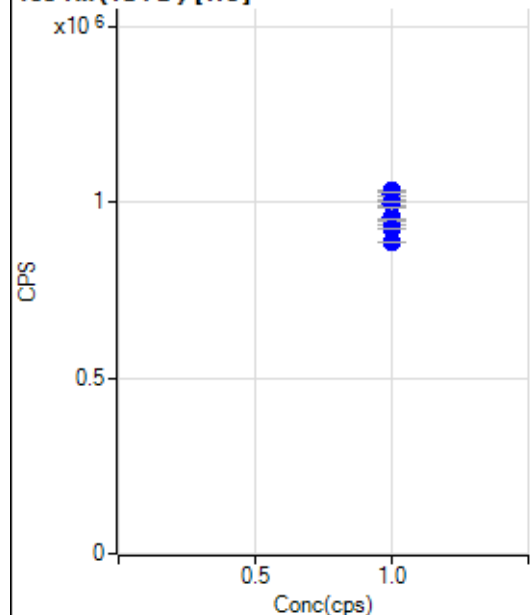
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4421390.87		A	0.2
2	☐	1.000					
3	☐	1.000		4414718.61		A	0.8
4	☐	1.000		4417085.94		A	0.3
5	☐	1.000		4408768.93		A	0.3
6	☐	1.000		4461718.51		A	0.6
7	☐	1.000		4420087.19		A	0.6
8	☐	1.000		4319606.15		A	0.6
9	☐	1.000		4257992.85		A	0.8

89 Y(ISTD) [He]

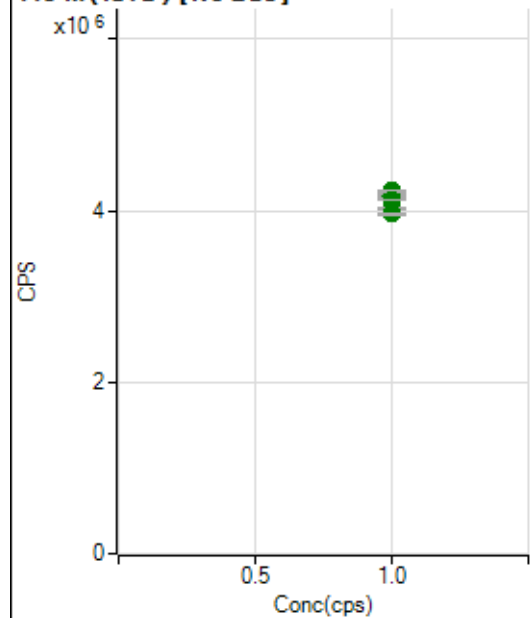
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		142122.41		P	0.5
2	☐	1.000					
3	☐	1.000		140085.16		P	1.2
4	☐	1.000		135749.80		P	2.3
5	☐	1.000		136135.79		P	0.8
6	☐	1.000		130511.98		P	5.4
7	☐	1.000		129116.29		P	0.4
8	☐	1.000		127419.81		P	0.6
9	☐	1.000		125548.00		P	1.0

103 Rh(ISTD) [No Gas]

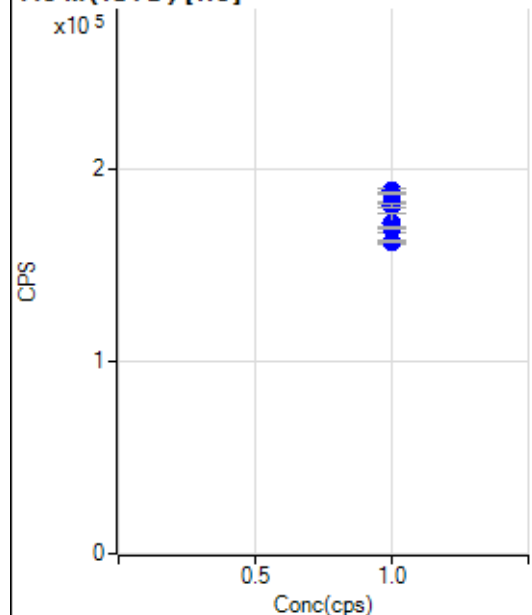
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3949750.00		A	0.7
2	☐	1.000					
3	☐	1.000		3881860.85		A	0.7
4	☐	1.000		3865799.09		A	0.9
5	☐	1.000		3804088.97		A	0.6
6	☐	1.000		3829989.80		A	0.9
7	☐	1.000		3786521.70		A	0.4
8	☐	1.000		3679810.41		A	0.5
9	☐	1.000		3501909.50		A	0.2

103 Rh (ISTD) [He]

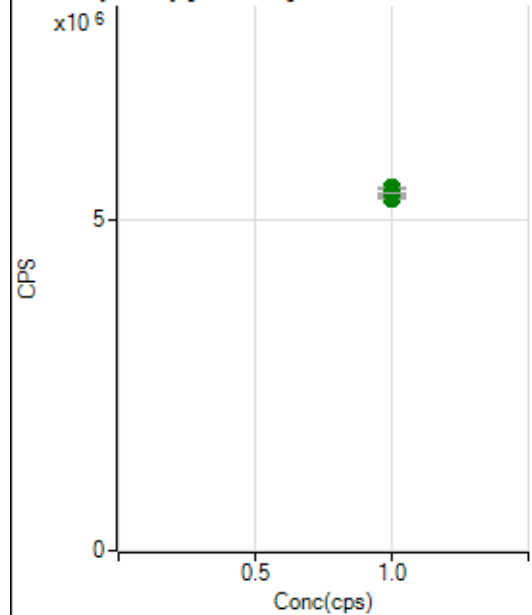
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1031090.36		P	0.7
2	☐	1.000					
3	☐	1.000		1022761.77		P	0.8
4	☐	1.000		995807.89		P	1.8
5	☐	1.000		999190.44		P	0.3
6	☐	1.000		958977.19		P	5.1
7	☐	1.000		949987.51		P	0.6
8	☐	1.000		923714.81		P	0.5
9	☐	1.000		885609.03		P	0.4

115 In (ISTD) [No Gas]

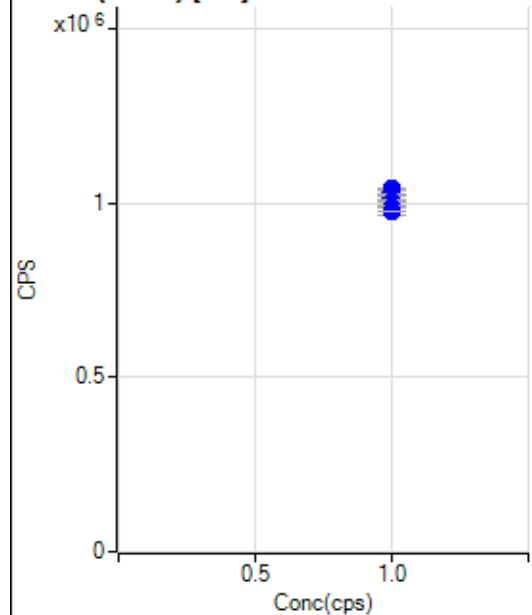
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4203988.96		A	0.2
2	☐	1.000					
3	☐	1.000		4185164.72		A	0.9
4	☐	1.000		4180209.24		A	1.8
5	☐	1.000		4162982.31		A	1.0
6	☐	1.000		4228570.22		A	0.7
7	☐	1.000		4119724.90		A	0.3
8	☐	1.000		4022657.99		A	0.4
9	☐	1.000		3956057.68		A	0.4

115 In (ISTD) [He]

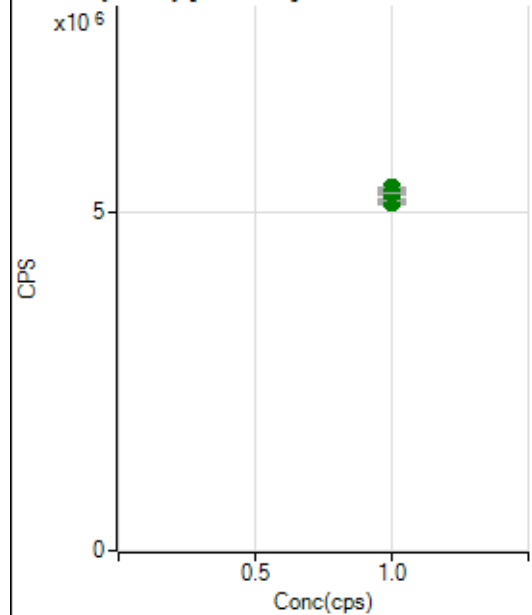
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		188229.74		P	1.1
2	☐	1.000					
3	☐	1.000		187060.95		P	1.0
4	☐	1.000		181092.51		P	1.7
5	☐	1.000		180754.42		P	0.9
6	☐	1.000		171653.62		P	5.9
7	☐	1.000		168955.40		P	0.2
8	☐	1.000		162022.09		P	1.1
9	☐	1.000		162110.61		P	0.4

159 Tb (ISTD) [No Gas]

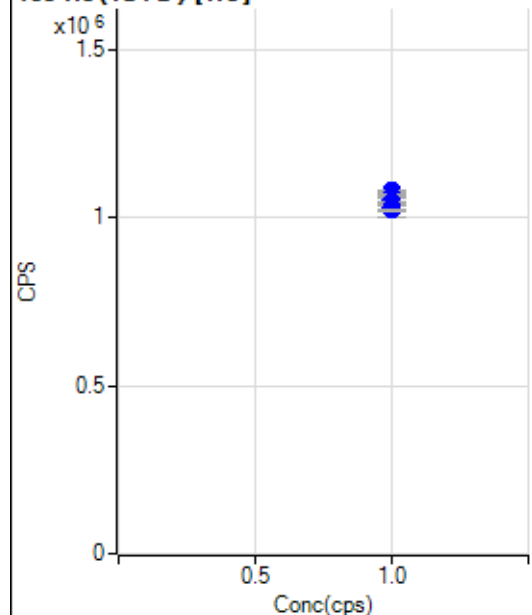
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5304799.57		A	0.3
2	☐	1.000					
3	☐	1.000		5304071.07		A	0.3
4	☐	1.000		5360017.49		A	0.2
5	☐	1.000		5329441.48		A	0.7
6	☐	1.000		5436350.20		A	1.2
7	☐	1.000		5469176.93		A	0.3
8	☐	1.000		5468556.10		A	0.2
9	☐	1.000		5399802.91		A	0.2

159 Tb (ISTD) [He]

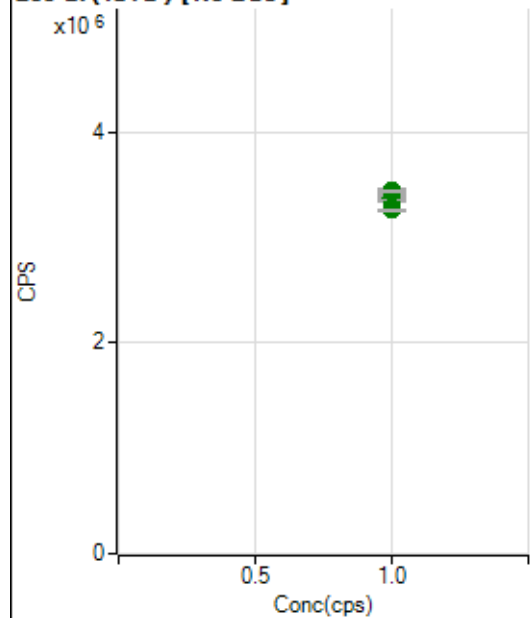
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1042252.98		P	0.6
2	☐	1.000					
3	☐	1.000		1033572.07		P	1.1
4	☐	1.000		1014359.24		P	1.6
5	☐	1.000		1028292.22		P	0.4
6	☐	1.000		993652.61		P	5.6
7	☐	1.000		1006698.25		P	0.4
8	☐	1.000		989832.58		P	0.7
9	☐	1.000		977776.92		P	0.5

165 Ho (ISTD) [No Gas]

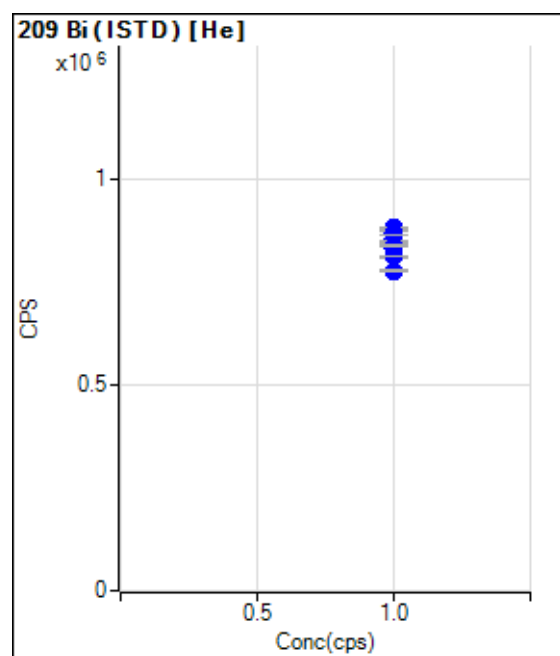
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5162602.16		A	1.1
2	☐	1.000					
3	☐	1.000		5127264.39		A	1.3
4	☐	1.000		5141948.12		A	0.5
5	☐	1.000		5160341.30		A	0.1
6	☐	1.000		5270480.46		A	0.9
7	☐	1.000		5323211.40		A	1.0
8	☐	1.000		5345141.74		A	0.4
9	☐	1.000		5265048.21		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1079746.67		P	0.4
2	☐	1.000					
3	☐	1.000		1072521.75		P	1.3
4	☐	1.000		1054495.00		P	1.6
5	☐	1.000		1065447.96		P	0.6
6	☐	1.000		1031284.13		P	5.6
7	☐	1.000		1045321.90		P	0.4
8	☐	1.000		1029026.06		P	0.8
9	☐	1.000		1021979.28		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3395470.02		A	0.8
2	☐	1.000					
3	☐	1.000		3338048.67		A	0.3
4	☐	1.000		3389908.25		A	0.1
5	☐	1.000		3378522.28		A	0.7
6	☐	1.000		3443587.66		A	1.1
7	☐	1.000		3427065.96		A	0.7
8	☐	1.000		3445847.17		A	0.3
9	☐	1.000		3261901.93		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		880683.09		P	0.8
2	☐	1.000					
3	☐	1.000		868829.34		P	0.7
4	☐	1.000		854070.60		P	1.8
5	☐	1.000		863320.50		P	0.2
6	☐	1.000		828786.65		P	5.6
7	☐	1.000		836114.12		P	0.7
8	☐	1.000		812044.54		P	0.5
9	☐	1.000		775377.64		P	0.5

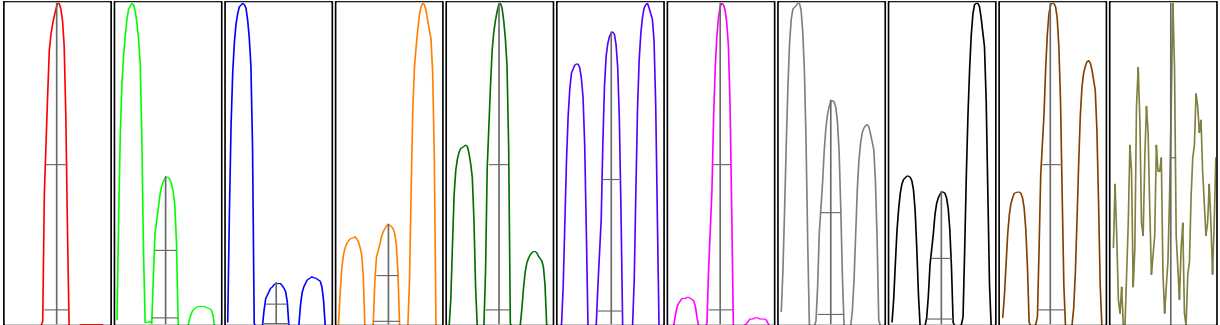
US EPA Tune Check Sample Report

Batch Folder D:\P8011218-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]					
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)	
9	4399	0.52	5.00		
24	30145	0.37	5.00		
25	4007	0.38	5.00		
26	4599	0.62	5.00		
59	44294	0.36	5.00		
113	6222	0.63	5.00		
115	77985	0.43	5.00		
206	18761	0.51	5.00		
207	16741	0.82	5.00		
208	39994	0.60	5.00		
220	2	32.86			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4412	4390	4368	4396	4428
24	30257	30001	30131	30253	30081
25	4029	3989	4015	4000	4002
26	4605	4549	4613	4617	4613
59	44081	44441	44234	44248	44468
113	6250	6266	6176	6187	6231
115	78028	78044	77458	78015	78380
206	18747	18646	18699	18888	18822
207	16836	16678	16547	16747	16895
208	39978	40044	39596	40142	40209
220	1	2	2	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7528	9.00	8.9 - 9.1		0.737	0.900	
24	50250	23.95	23.9 - 24.1		0.739	0.900	
25	6626	24.95	24.9 - 25.1		0.740	0.900	
26	7563	26.00	25.9 - 26.1		0.740	0.900	
59	77245	59.00	58.9 - 59.1		0.732	0.900	
113	11472	113.05	112.9 - 113.1		0.726	0.900	
115	144200	115.00	114.9 - 115.1		0.731	0.900	
206	33373	206.00	205.9 - 206.1		0.778	0.900	
207	29761	207.00	206.9 - 207.1		0.754	0.900	
208	71648	207.95	207.9 - 208.1		0.775	0.900	
220	2	220.25	-				

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	9.3	V	Deflect	13.4	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5816	0.38	
89	1282	0.56	
205	8516	0.73	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5821	5846	5821	5807	5785
89	1291	1284	1284	1284	1271
205	8602	8554	8505	8470	8449

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	9.3	V	Deflect	1.8	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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 :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.94	-0.56	-2.38	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.04	0.06	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.10	-0.04	0.14	0.00	N/A	ppb
Boron	11-1	-0.01	-0.09	0.10	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.11	0.04	0.00	N/A	ppb
Cadmium	106-1	1.00	-1.60	0.59	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	9.91	-4.71	-5.20	0.00	N/A	ppb
Calcium	44-1	0.66	0.64	-1.30	0.00	N/A	ppb
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.35	0.23	0.13	0.00	N/A	ppb
Iron	57-2	-1.65	2.69	-1.05	0.00	N/A	ppb
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.18	-0.34	0.17	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	-0.08	0.00	N/A	ppb
Phosphorus	31-2	-26.23	50.99	-26.23	-0.49		ppb
Potassium	39-2	12.33	-9.18	-3.14	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	4.15	-2.08	0.00	N/A	ppb
Selenium	78-2	-0.36	-0.36	0.71	0.00	N/A	ppb
Selenium	82-1	0.18	-0.15	-0.03	0.00	N/A	ppb
Silicon	28-1	1.70	1.27	-2.96	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	5.19	-1.98	-3.20	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-48.69	83.02	-259.40	-75.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	-0.02	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.13	-0.08	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

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

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.54	23.43	16.71	18.23	25.45	ppb
Antimony	121-1	1.77	1.97	1.94	1.90	5.74	ppb
Arsenic	75-2	1.26	1.02	1.18	1.15	10.70	ppb
Barium	135-1	9.43	9.18	9.48	9.36	1.67	ppb
Barium	137-1	9.28	9.30	9.57	9.38	1.75	ppb
Beryllium	9-1	0.99	0.90	1.00	0.96	5.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.89	21.29	25.62	22.93	10.22	ppb
Boron	11-1	21.35	21.35	22.48	21.72	3.00	ppb
Cadmium	111-1	0.90	0.80	0.85	0.85	5.72	ppb
Cadmium	106-1	-0.14	-1.23	-0.35	-0.57		ppb
Cadmium	108-1	0.93	1.11	0.98	1.01	9.26	ppb
Calcium	43-1	443.56	427.41	422.80	431.26	2.53	ppb
Calcium	44-1	444.47	441.62	452.76	446.28	1.30	ppb
Chromium	52-2	1.78	1.87	2.05	1.90	7.22	ppb
Cobalt	59-2	0.98	0.90	0.96	0.95	4.32	ppb
Copper	63-2	1.83	1.79	1.82	1.81	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.67	47.29	49.77	48.24	2.77	ppb
Iron	57-2	40.48	39.64	52.96	44.36	16.81	ppb
Lead	206-1	0.95	0.87	0.99	0.93	6.57	ppb
Lead	207-1	0.94	0.90	0.94	0.92	2.79	ppb
Lead	208-1	0.93	0.91	0.95	0.93	2.58	ppb
Lithium	6-1						%
Magnesium	24-2	483.44	486.81	499.63	489.96	1.74	ppb
Manganese	55-2	0.79	1.15	1.12	1.02	19.83	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.56	4.67	4.80	4.67	2.57	ppb
Molybdenum	95-1	4.74	4.52	4.47	4.58	3.11	ppb
Molybdenum	96-1	4.62	4.55	4.85	4.68	3.33	ppb
Molybdenum	97-1	4.48	4.52	4.58	4.53	1.11	ppb
Molybdenum	98-1	4.64	4.57	4.65	4.62	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.07	1.23	1.05	18.48	ppb
Phosphorus	31-2	26.93	-26.23	0.75	0.49	5467.55	ppb
Potassium	39-2	514.99	454.50	513.60	494.36	6.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	4.22	10.65	4.27	149.13	ppb
Selenium	78-2	7.13	1.82	6.22	5.06	56.22	ppb
Selenium	82-1	4.77	4.76	4.16	4.56	7.74	ppb
Silicon	28-1	19.18	17.44	21.28	19.30	9.97	ppb
Silver	109-1	0.97	1.01	0.98	0.99	2.10	ppb
Silver	107-1	0.94	0.98	0.97	0.96	1.98	ppb
Sodium	23-2	490.36	469.33	495.34	485.01	2.85	ppb
Strontium	86-1	0.97	0.85	1.15	0.99	15.25	ppb
Strontium	88-1	0.97	0.96	0.95	0.96	1.17	ppb
Sulfur	34-1	138.27	-139.59	226.39	75.02	254.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	0.97	0.87	0.93	6.24	ppb
Thallium	205-1	0.93	0.92	0.88	0.91	2.70	ppb
Tin	118-1	4.69	4.68	4.65	4.68	0.44	ppb
Titanium	47-1	4.03	4.74	4.58	4.45	8.35	ppb
Uranium	238-1	0.86	0.87	0.90	0.88	2.12	ppb
Vanadium	51-2	4.44	4.63	4.57	4.55	2.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.34	1.94	1.98	2.09	10.56	ppb
Zirconium	90-1	0.95	0.98	0.88	0.94	5.21	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.94	0.85	0.91	5.44	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.99	1067.97	980.98	1018.65	4.38	ppb
Antimony	121-1	51.61	51.66	51.29	51.52	0.39	ppb
Arsenic	75-2	56.00	53.10	49.80	52.97	5.86	ppb
Barium	135-1	261.49	259.68	258.22	259.80	0.63	ppb
Barium	137-1	258.48	259.52	256.48	258.16	0.60	ppb
Beryllium	9-1	52.87	52.16	53.76	52.93	1.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.18	49.94	52.24	51.12	2.25	ppb
Boron	11-1	50.30	50.47	51.99	50.92	1.82	ppb
Cadmium	111-1	53.74	53.16	52.87	53.26	0.83	ppb
Cadmium	106-1	54.41	54.96	50.61	53.33	4.44	ppb
Cadmium	108-1	53.87	54.27	52.12	53.42	2.14	ppb
Calcium	43-1	4962.67	5018.27	5007.85	4996.26	0.59	ppb
Calcium	44-1	4969.47	5003.83	4978.42	4983.90	0.36	ppb
Chromium	52-2	53.92	52.27	50.96	52.38	2.83	ppb
Cobalt	59-2	54.66	52.76	50.78	52.73	3.68	ppb
Copper	63-2	107.42	103.30	100.15	103.62	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2767.34	2665.04	2598.78	2677.05	3.17	ppb
Iron	57-2	2678.00	2645.35	2488.73	2604.03	3.89	ppb
Lead	206-1	49.44	49.48	50.23	49.72	0.90	ppb
Lead	207-1	48.28	47.92	48.25	48.15	0.42	ppb
Lead	208-1	49.23	49.22	49.51	49.32	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	5503.67	5386.24	5260.98	5383.63	2.25	ppb
Manganese	55-2	110.08	106.85	101.96	106.30	3.85	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.20	257.80	253.19	255.07	0.95	ppb
Molybdenum	95-1	252.08	254.99	253.14	253.40	0.58	ppb
Molybdenum	96-1	251.99	251.82	251.06	251.62	0.20	ppb
Molybdenum	97-1	255.72	255.81	251.48	254.34	0.97	ppb
Molybdenum	98-1	250.66	254.54	249.93	251.71	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.41	53.96	50.19	53.19	5.07	ppb
Phosphorus	31-2	1278.81	1076.31	1420.30	1258.47	13.74	ppb
Potassium	39-2	2902.95	2841.84	2612.86	2785.88	5.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	37.87	49.61	42.45	43.31	13.66	ppb
Selenium	78-2	61.60	51.97	61.05	58.21	9.29	ppb
Selenium	82-1	52.21	53.21	52.16	52.52	1.13	ppb
Silicon	28-1	68.58	72.76	74.06	71.80	3.99	ppb
Silver	109-1	53.57	52.52	51.98	52.69	1.54	ppb
Silver	107-1	53.14	53.16	53.15	53.15	0.02	ppb
Sodium	23-2	5572.93	5345.02	5155.92	5357.96	3.90	ppb
Strontium	86-1	50.64	50.58	50.46	50.56	0.18	ppb
Strontium	88-1	51.16	50.98	51.31	51.15	0.32	ppb
Sulfur	34-1	820.08	1012.13	1207.81	1013.34	19.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.96	49.37	49.74	49.69	0.60	ppb
Thallium	205-1	50.17	50.35	50.42	50.31	0.26	ppb
Tin	118-1	51.73	51.22	51.56	51.50	0.51	ppb
Titanium	47-1	249.41	252.20	253.12	251.58	0.77	ppb
Uranium	238-1	49.40	48.91	48.83	49.05	0.63	ppb
Vanadium	51-2	53.55	51.80	50.04	51.79	3.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.75	105.58	103.36	105.23	1.64	ppb
Zirconium	90-1	50.31	50.74	50.65	50.56	0.44	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.67	49.64	49.89	49.73	0.27	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2610.23	2545.80	2584.49	2580.17	1.26	ppb
Antimony	121-1	131.28	128.99	129.04	129.77	1.01	ppb
Arsenic	75-2	129.19	129.12	130.69	129.67	0.69	ppb
Barium	135-1	660.57	639.02	650.41	650.00	1.66	ppb
Barium	137-1	655.41	641.49	646.39	647.76	1.09	ppb
Beryllium	9-1	131.93	131.92	131.51	131.79	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	128.51	128.57	125.28	127.45	1.47	ppb
Boron	11-1	125.97	128.68	128.45	127.70	1.18	ppb
Cadmium	111-1	133.85	131.17	133.07	132.70	1.04	ppb
Cadmium	106-1	129.41	133.84	129.64	130.96	1.90	ppb
Cadmium	108-1	131.14	134.79	133.09	133.01	1.37	ppb
Calcium	43-1	12312.33	12165.76	12411.93	12296.68	1.01	ppb
Calcium	44-1	12495.40	12188.96	12482.13	12388.83	1.40	ppb
Chromium	52-2	125.87	129.36	126.89	127.37	1.41	ppb
Cobalt	59-2	126.91	128.51	127.21	127.54	0.67	ppb
Copper	63-2	249.43	254.09	248.39	250.64	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6557.17	6563.21	6537.81	6552.73	0.20	ppb
Iron	57-2	6228.18	6367.51	6368.76	6321.48	1.28	ppb
Lead	206-1	126.48	124.46	123.22	124.72	1.32	ppb
Lead	207-1	122.08	121.16	121.39	121.54	0.39	ppb
Lead	208-1	125.32	124.11	124.14	124.52	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	12935.32	13240.86	12829.26	13001.82	1.64	ppb
Manganese	55-2	253.00	261.92	252.72	255.88	2.05	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.63	628.67	632.56	632.95	0.71	ppb
Molybdenum	95-1	636.15	635.58	640.96	637.56	0.46	ppb
Molybdenum	96-1	639.04	640.67	636.93	638.88	0.29	ppb
Molybdenum	97-1	628.92	629.63	630.39	629.65	0.12	ppb
Molybdenum	98-1	638.91	635.23	638.40	637.51	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.28	127.77	129.73	128.26	1.01	ppb
Phosphorus	31-2	2707.22	2636.62	2095.46	2479.77	13.50	ppb
Potassium	39-2	6427.24	6594.62	6431.75	6484.54	1.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	179.99	145.35	121.54	148.96	19.73	ppb
Selenium	78-2	140.84	137.74	156.64	145.07	6.99	ppb
Selenium	82-1	129.59	126.56	130.43	128.86	1.58	ppb
Silicon	28-1	180.51	175.26	182.00	179.26	1.97	ppb
Silver	109-1	131.90	130.13	129.70	130.58	0.89	ppb
Silver	107-1	133.15	132.00	131.60	132.25	0.61	ppb
Sodium	23-2	12853.47	13063.47	12823.10	12913.35	1.01	ppb
Strontium	86-1	124.92	125.09	125.37	125.12	0.18	ppb
Strontium	88-1	128.50	128.53	128.38	128.47	0.06	ppb
Sulfur	34-1	2903.30	2384.47	2643.03	2643.60	9.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.33	124.13	124.95	125.13	0.89	ppb
Thallium	205-1	128.17	126.84	126.17	127.06	0.80	ppb
Tin	118-1	129.88	127.50	128.90	128.76	0.93	ppb
Titanium	47-1	629.20	619.61	625.24	624.68	0.77	ppb
Uranium	238-1	126.97	125.03	126.14	126.05	0.77	ppb
Vanadium	51-2	124.70	127.70	123.54	125.31	1.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	255.07	257.51	248.08	253.55	1.93	ppb
Zirconium	90-1	127.38	126.40	126.00	126.59	0.56	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.67	122.73	123.76	123.72	0.79	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5631.69	4992.83	4980.92	5201.81	7.16	ppb
Antimony	121-1	258.18	252.40	258.49	256.36	1.34	ppb
Arsenic	75-2	278.15	246.07	251.67	258.63	6.63	ppb
Barium	135-1	1289.45	1272.88	1297.59	1286.64	0.98	ppb
Barium	137-1	1279.13	1268.09	1303.41	1283.54	1.41	ppb
Beryllium	9-1	256.69	255.66	260.64	257.66	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	244.81	257.10	252.70	251.54	2.48	ppb
Boron	11-1	242.06	249.67	257.75	249.82	3.14	ppb
Cadmium	111-1	258.92	253.06	262.03	258.01	1.76	ppb
Cadmium	106-1	258.45	255.98	262.04	258.83	1.18	ppb
Cadmium	108-1	259.53	262.06	268.05	263.21	1.66	ppb
Calcium	43-1	24305.76	24273.15	24412.19	24330.37	0.30	ppb
Calcium	44-1	24194.29	23965.65	24540.15	24233.36	1.19	ppb
Chromium	52-2	275.31	252.91	248.31	258.85	5.58	ppb
Cobalt	59-2	278.47	255.44	252.13	262.01	5.48	ppb
Copper	63-2	549.38	501.15	495.07	515.20	5.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14198.98	12906.43	12936.07	13347.16	5.53	ppb
Iron	57-2	13795.00	12769.58	12827.01	13130.53	4.39	ppb
Lead	206-1	242.69	246.62	248.40	245.90	1.19	ppb
Lead	207-1	237.44	241.94	241.26	240.21	1.01	ppb
Lead	208-1	245.58	249.28	248.69	247.85	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	28373.52	25656.19	25424.61	26484.78	6.19	ppb
Manganese	55-2	558.25	509.02	504.50	523.93	5.69	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1241.35	1256.93	1270.22	1256.17	1.15	ppb
Molybdenum	95-1	1248.32	1261.58	1256.63	1255.51	0.53	ppb
Molybdenum	96-1	1245.93	1258.92	1251.57	1252.14	0.52	ppb
Molybdenum	97-1	1268.96	1259.78	1257.01	1261.91	0.50	ppb
Molybdenum	98-1	1229.64	1246.05	1234.03	1236.57	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	282.37	256.81	256.10	265.10	5.64	ppb
Phosphorus	31-2	5713.69	4970.80	4445.50	5043.33	12.63	ppb
Potassium	39-2	14163.70	12976.14	12840.00	13326.62	5.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	278.54	296.96	202.49	259.33	19.31	ppb
Selenium	78-2	269.99	270.78	266.90	269.23	0.76	ppb
Selenium	82-1	251.61	252.40	255.95	253.32	0.91	ppb
Silicon	28-1	282.06	279.16	287.02	282.74	1.41	ppb
Silver	109-1	259.65	256.09	264.16	259.97	1.55	ppb
Silver	107-1	258.92	259.94	264.71	261.19	1.18	ppb
Sodium	23-2	29114.91	25977.02	26066.84	27052.92	6.60	ppb
Strontium	86-1	243.79	244.47	246.05	244.77	0.47	ppb
Strontium	88-1	250.24	252.42	253.91	252.19	0.73	ppb
Sulfur	34-1	4814.70	4535.17	5122.22	4824.03	6.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	240.42	249.00	251.58	247.00	2.37	ppb
Thallium	205-1	246.35	255.71	257.61	253.22	2.38	ppb
Tin	118-1	253.99	249.09	256.96	253.35	1.57	ppb
Titanium	47-1	1217.49	1225.18	1240.34	1227.67	0.95	ppb
Uranium	238-1	245.05	249.38	247.50	247.31	0.88	ppb
Vanadium	51-2	274.22	252.98	249.74	258.98	5.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	553.22	505.12	511.77	523.37	4.98	ppb
Zirconium	90-1	250.61	252.07	251.91	251.53	0.32	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.24	242.27	242.61	242.71	0.20	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10117.27	9828.10	9759.41	9901.59	1.92	ppb
Antimony	121-1	511.22	496.94	508.18	505.45	1.49	ppb
Arsenic	75-2	500.61	504.52	503.53	502.89	0.40	ppb
Barium	135-1	2569.66	2520.13	2552.34	2547.38	0.99	ppb
Barium	137-1	2523.57	2506.65	2524.64	2518.29	0.40	ppb
Beryllium	9-1	499.99	504.38	511.68	505.35	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	491.76	492.74	515.86	500.12	2.73	ppb
Boron	11-1	487.50	498.95	514.16	500.20	2.67	ppb
Cadmium	111-1	505.75	503.29	508.47	505.84	0.51	ppb
Cadmium	106-1	506.56	507.17	508.16	507.30	0.16	ppb
Cadmium	108-1	511.15	503.67	508.14	507.65	0.74	ppb
Calcium	43-1	49502.08	48563.16	49376.56	49147.27	1.04	ppb
Calcium	44-1	49173.76	48599.97	49066.07	48946.60	0.62	ppb
Chromium	52-2	489.83	505.17	494.99	496.66	1.57	ppb
Cobalt	59-2	498.30	507.94	495.30	500.51	1.32	ppb
Copper	63-2	986.29	998.41	976.76	987.15	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25305.76	25623.32	24884.18	25271.09	1.47	ppb
Iron	57-2	24952.15	25414.26	24572.77	24979.73	1.69	ppb
Lead	206-1	506.14	495.96	520.91	507.67	2.47	ppb
Lead	207-1	506.03	495.23	505.42	502.23	1.21	ppb
Lead	208-1	506.01	499.11	511.31	505.48	1.21	ppb
Lithium	6-1						%
Magnesium	24-2	50099.85	50921.61	49784.64	50268.70	1.17	ppb
Manganese	55-2	999.92	1013.62	981.90	998.48	1.59	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2511.23	2483.17	2496.74	2497.05	0.56	ppb
Molybdenum	95-1	2489.49	2448.43	2503.25	2480.39	1.15	ppb
Molybdenum	96-1	2493.38	2451.22	2495.32	2479.97	1.00	ppb
Molybdenum	97-1	2493.73	2499.46	2523.70	2505.63	0.63	ppb
Molybdenum	98-1	2491.32	2469.87	2488.13	2483.11	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.68	506.67	496.36	500.24	1.12	ppb
Phosphorus	31-2	9828.86	10269.47	9812.17	9970.17	2.60	ppb
Potassium	39-2	24825.03	25237.86	24693.18	24918.69	1.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	473.61	491.16	503.14	489.30	3.04	ppb
Selenium	78-2	544.26	510.88	512.69	522.61	3.59	ppb
Selenium	82-1	509.21	495.33	501.96	502.16	1.38	ppb
Silicon	28-1	561.42	560.62	572.76	564.93	1.20	ppb
Silver	109-1	510.95	507.91	509.99	509.62	0.30	ppb
Silver	107-1	505.98	508.34	503.75	506.02	0.45	ppb
Sodium	23-2	50607.89	51327.17	50559.48	50831.51	0.85	ppb
Strontium	86-1	489.66	487.15	495.96	490.92	0.92	ppb
Strontium	88-1	492.55	493.87	495.87	494.10	0.34	ppb
Sulfur	34-1	10066.67	9588.81	10469.82	10041.77	4.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.96	499.06	509.72	504.25	1.06	ppb
Thallium	205-1	501.77	499.10	508.28	503.05	0.94	ppb
Tin	118-1	509.61	503.47	508.67	507.25	0.65	ppb
Titanium	47-1	2538.70	2515.28	2547.38	2533.78	0.66	ppb
Uranium	238-1	501.62	498.15	511.95	503.91	1.42	ppb
Vanadium	51-2	494.50	505.76	489.72	496.66	1.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.51	1027.39	995.91	1007.60	1.71	ppb
Zirconium	90-1	499.74	491.16	500.72	497.21	1.06	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.74	479.85	489.64	486.41	1.17	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CALC_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19772.75	20063.36	19397.97	19744.69	1.69	ppb
Antimony	121-1	993.77	992.75	998.52	995.02	0.31	ppb
Arsenic	75-2	1000.99	995.89	990.12	995.67	0.55	ppb
Barium	135-1	4932.34	4988.11	4970.16	4963.54	0.57	ppb
Barium	137-1	4977.23	4980.64	4979.78	4979.22	0.04	ppb
Beryllium	9-1	994.05	996.42	992.77	994.41	0.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	984.54	996.05	1017.14	999.24	1.65	ppb
Boron	11-1	983.89	1001.47	1013.57	999.64	1.49	ppb
Cadmium	111-1	996.94	989.15	995.77	993.95	0.42	ppb
Cadmium	106-1	1000.08	991.70	987.92	993.24	0.63	ppb
Cadmium	108-1	1002.25	976.82	996.02	991.70	1.34	ppb
Calcium	43-1	98626.99	98469.30	100624.51	99240.26	1.21	ppb
Calcium	44-1	97544.89	96873.24	98956.82	97791.65	1.09	ppb
Chromium	52-2	1008.66	1004.43	984.04	999.04	1.32	ppb
Cobalt	59-2	1004.82	996.87	987.17	996.29	0.89	ppb
Copper	63-2	2026.04	2010.69	1970.36	2002.36	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51460.92	51496.50	50793.53	51250.32	0.77	ppb
Iron	57-2	50235.88	50232.14	49430.37	49966.13	0.93	ppb
Lead	206-1	988.33	1001.69	1001.70	997.24	0.77	ppb
Lead	207-1	997.00	1005.02	1003.56	1001.86	0.43	ppb
Lead	208-1	993.38	1001.17	999.13	997.89	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	102997.48	102169.44	102062.84	102409.92	0.50	ppb
Manganese	55-2	2007.81	1994.37	1979.01	1993.73	0.72	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4986.82	4996.02	5013.23	4998.69	0.27	ppb
Molybdenum	95-1	4979.36	5016.22	5024.48	5006.69	0.48	ppb
Molybdenum	96-1	4981.68	5035.96	5005.35	5007.66	0.54	ppb
Molybdenum	97-1	4991.94	4970.83	5017.45	4993.41	0.47	ppb
Molybdenum	98-1	4993.19	5000.20	5037.07	5010.15	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.23	1003.65	986.75	995.54	0.85	ppb
Phosphorus	31-2	20386.81	19803.62	19790.64	19993.69	1.70	ppb
Potassium	39-2	50339.76	51006.68	49813.53	50386.65	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	989.46	935.52	1076.09	1000.36	7.09	ppb
Selenium	78-2	952.13	1007.54	983.24	980.97	2.83	ppb
Selenium	82-1	992.23	993.61	1006.61	997.48	0.80	ppb
Silicon	28-1	948.23	938.34	967.57	951.38	1.56	ppb
Silver	109-1	997.14	991.44	987.02	991.87	0.51	ppb
Silver	107-1	999.44	993.98	985.96	993.13	0.68	ppb
Sodium	23-2	100650.15	101908.02	99774.35	100777.51	1.06	ppb
Strontium	86-1	1003.43	1002.31	1011.67	1005.80	0.51	ppb
Strontium	88-1	1001.22	997.50	1007.02	1001.91	0.48	ppb
Sulfur	34-1	20000.62	19341.20	20671.66	20004.49	3.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	989.51	1008.76	997.60	998.62	0.97	ppb
Thallium	205-1	988.17	1000.77	1003.23	997.39	0.81	ppb
Tin	118-1	985.88	999.13	999.98	994.99	0.79	ppb
Titanium	47-1	5022.42	4918.14	5025.39	4988.65	1.22	ppb
Uranium	238-1	997.35	996.41	1002.14	998.64	0.31	ppb
Vanadium	51-2	1004.03	1002.39	991.46	999.30	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1985.95	2008.14	1974.85	1989.65	0.85	ppb
Zirconium	90-1	989.74	1010.41	1002.21	1000.79	1.04	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1008.35	997.99	1020.03	1008.79	1.09	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99419.75	100065.90	100660.22	100048.62	0.62	ppb
Antimony	121-1	1.11	1.13	1.12	1.12	0.92	ppb
Arsenic	75-2	0.53	0.18	0.33	0.35	50.52	ppb
Barium	135-1	1.40	1.18	1.18	1.25	10.17	ppb
Barium	137-1	1.37	1.32	1.23	1.31	5.53	ppb
Beryllium	9-1	1.03	0.78	0.89	0.90	13.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.95	52.13	47.26	51.11	6.76	ppb
Boron	11-1	54.74	49.25	46.38	50.13	8.47	ppb
Cadmium	111-1	0.11	0.07	0.08	0.08	24.69	ppb
Cadmium	106-1	-0.42	-1.63	-0.86	-0.97		ppb
Cadmium	108-1	0.22	0.13	0.39	0.25	53.73	ppb
Calcium	43-1	499972.93	502318.87	498535.88	500275.89	0.38	ppb
Calcium	44-1	504776.64	496195.75	500792.62	500588.34	0.86	ppb
Chromium	52-2	8.64	9.05	8.74	8.81	2.42	ppb
Cobalt	59-2	1.10	1.13	1.05	1.09	3.62	ppb
Copper	63-2	2.24	2.09	2.14	2.16	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	248536.92	248081.55	252394.92	249671.13	0.95	ppb
Iron	57-2	248136.23	248168.63	253618.49	249974.45	1.26	ppb
Lead	206-1	1.81	1.74	1.75	1.77	2.18	ppb
Lead	207-1	1.71	1.67	1.62	1.67	2.57	ppb
Lead	208-1	1.72	1.70	1.68	1.70	1.22	ppb
Lithium	6-1						%
Magnesium	24-2	497327.30	497685.02	503189.28	499400.54	0.66	ppb
Manganese	55-2	4.52	4.45	5.12	4.70	7.83	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CAL5_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.12	1.87	1.76	1.91	9.68	ppb
Molybdenum	95-1	2.61	2.65	2.40	2.56	5.29	ppb
Molybdenum	96-1	3.16	2.80	2.74	2.90	7.83	ppb
Molybdenum	97-1	2.65	2.22	2.42	2.43	8.71	ppb
Molybdenum	98-1	2.56	2.33	2.15	2.35	8.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.02	5.55	5.83	5.80	4.04	ppb
Phosphorus	31-2	-26.23	4.17	35.61	4.52	684.37	ppb
Potassium	39-2	247075.64	250590.99	251975.64	249880.76	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	0.86	0.86	0.84	0.85	1.45	ppb
Selenium	82-1	0.42	0.72	0.25	0.46	51.60	ppb
Silicon	28-1	48.21	51.46	51.33	50.33	3.66	ppb
Silver	109-1	0.06	0.05	0.06	0.05	6.35	ppb
Silver	107-1	0.06	0.05	0.08	0.06	22.83	ppb
Sodium	23-2	496009.71	498603.03	504321.67	499644.80	0.85	ppb
Strontium	86-1	34.81	33.56	33.49	33.96	2.19	ppb
Strontium	88-1	34.79	34.55	34.53	34.63	0.41	ppb
Sulfur	34-1	-2486.39	-2272.20	-2152.50	-2303.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.45	0.47	0.44	0.46	2.49	ppb
Thallium	205-1	0.47	0.45	0.41	0.44	6.40	ppb
Tin	118-1	0.99	0.94	0.96	0.96	2.38	ppb
Titanium	47-1	0.83	0.49	0.79	0.70	26.21	ppb
Uranium	238-1	0.07	0.06	0.05	0.06	14.63	ppb
Vanadium	51-2	0.20	0.18	0.15	0.18	16.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.30	6.52	5.87	6.23	5.31	ppb
Zirconium	90-1	0.18	0.15	0.17	0.17	8.77	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CALS_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.16	0.20	0.17	15.00	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.12	502.75	491.62	491.50	2.30	ppb
Antimony	121-1	193.46	194.30	193.89	193.88	0.22	ppb
Arsenic	75-2	200.65	196.03	198.71	198.47	1.17	ppb
Barium	135-1	99.02	99.48	100.30	99.60	0.65	ppb
Barium	137-1	99.98	99.56	98.08	99.21	1.00	ppb
Beryllium	9-1	97.42	97.60	96.48	97.17	0.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	554.48	563.34	562.33	560.05	0.87	ppb
Boron	11-1	555.28	560.34	566.06	560.56	0.96	ppb
Cadmium	111-1	102.87	103.17	102.64	102.89	0.26	ppb
Cadmium	106-1	158.38	160.07	161.22	159.89	0.89	ppb
Cadmium	108-1	133.50	131.53	133.51	132.85	0.86	ppb
Calcium	43-1	2072.83	2016.28	2066.89	2052.00	1.51	ppb
Calcium	44-1	2024.78	2020.80	2009.37	2018.32	0.40	ppb
Chromium	52-2	97.95	97.88	93.16	96.33	2.85	ppb
Cobalt	59-2	98.29	99.90	95.04	97.74	2.53	ppb
Copper	63-2	97.41	97.30	94.37	96.36	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1010.11	1013.85	972.03	998.66	2.32	ppb
Iron	57-2	976.26	993.84	947.09	972.40	2.43	ppb
Lead	206-1	193.59	196.33	192.15	194.02	1.10	ppb
Lead	207-1	183.85	182.69	180.18	182.24	1.03	ppb
Lead	208-1	193.18	193.94	190.79	192.64	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	1191.87	1163.67	1196.14	1183.90	1.49	ppb
Manganese	55-2	98.44	99.61	94.37	97.47	2.82	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1167.75	1159.44	1162.17	1163.12	0.36	ppb
Molybdenum	95-1	498.88	487.45	491.68	492.67	1.17	ppb
Molybdenum	96-1	588.16	580.06	587.72	585.31	0.78	ppb
Molybdenum	97-1	499.08	498.00	498.58	498.55	0.11	ppb
Molybdenum	98-1	504.20	512.83	503.61	506.88	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.47	102.95	97.66	101.36	3.17	ppb
Phosphorus	31-2	-26.23	-26.23	0.12	-17.44		ppb
Potassium	39-2	1984.60	1965.70	1927.46	1959.25	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	130.66	168.40	188.31	162.46	18.02	ppb
Selenium	78-2	225.16	177.02	228.25	210.14	13.67	ppb
Selenium	82-1	196.47	195.31	193.26	195.01	0.83	ppb
Silicon	28-1	477.86	479.92	475.67	477.82	0.44	ppb
Silver	109-1	96.63	98.41	98.77	97.94	1.17	ppb
Silver	107-1	98.99	99.95	99.42	99.45	0.48	ppb
Sodium	23-2	2057.81	2020.09	1987.80	2021.90	1.73	ppb
Strontium	86-1	501.14	500.31	497.39	499.61	0.39	ppb
Strontium	88-1	505.38	503.29	502.41	503.69	0.30	ppb
Sulfur	34-1	-2716.73	-2902.30	-2811.65	-2810.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.14	196.08	194.48	195.57	0.48	ppb
Thallium	205-1	202.61	203.43	199.99	202.01	0.89	ppb
Tin	118-1	517.80	522.99	509.79	516.86	1.29	ppb
Titanium	47-1	501.12	502.10	501.72	501.65	0.10	ppb
Uranium	238-1	503.86	502.11	502.42	502.80	0.19	ppb
Vanadium	51-2	94.95	96.85	93.63	95.14	1.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	198.33	202.67	189.77	196.92	3.33	ppb
Zirconium	90-1	528.50	521.11	525.76	525.12	0.71	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.88	508.74	508.49	509.70	0.37	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:20:17	DataFile Name :	014CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	-2.38	-0.41	-0.40		ppb
Antimony	121-1	0.15	0.14	0.14	0.14	4.21	ppb
Arsenic	75-2	0.01	-0.04	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.00	0.01	109.88	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	809.86	ppb
Beryllium	9-1	0.26	0.28	0.50	0.35	38.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.38	15.60	18.50	18.16	13.27	ppb
Boron	11-1	17.21	17.00	15.96	16.72	4.00	ppb
Cadmium	111-1	-0.04	-0.08	-0.10	-0.07		ppb
Cadmium	106-1	-0.62	-1.31	-1.68	-1.20		ppb
Cadmium	108-1	0.04	0.04	0.04	0.04	5.00	ppb
Calcium	43-1	4.11	-2.23	-12.09	-3.40		ppb
Calcium	44-1	-10.15	-9.00	-0.77	-6.64		ppb
Chromium	52-2	-0.09	0.00	0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.03	0.01	102.72	ppb
Copper	63-2	0.05	0.06	0.07	0.06	20.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.59	3.79	3.56	3.65	3.42	ppb
Iron	57-2	6.77	2.65	3.81	4.41	48.17	ppb
Lead	206-1	0.06	0.06	0.09	0.07	27.03	ppb
Lead	207-1	0.06	0.07	0.06	0.06	9.81	ppb
Lead	208-1	0.06	0.06	0.07	0.06	14.12	ppb
Lithium	6-1						%
Magnesium	24-2	-9.19	3.59	-6.02	-3.87		ppb
Manganese	55-2	-0.03	-0.01	-0.01	-0.02		ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:20:17	DataFile Name :	014CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.11	0.09	0.09	18.53	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	11.39	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	4.13	ppb
Molybdenum	97-1	0.08	0.12	0.09	0.10	18.17	ppb
Molybdenum	98-1	0.09	0.07	0.11	0.09	20.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.04	0.12	0.15	83.19	ppb
Phosphorus	31-2	1.82	-26.23	1.65	-7.59		ppb
Potassium	39-2	9.96	38.55	10.83	19.78	82.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.42	-2.08	-2.08	0.09	4142.53	ppb
Selenium	78-2	0.76	0.75	0.73	0.75	2.06	ppb
Selenium	82-1	-0.14	0.12	-1.04	-0.35		ppb
Silicon	28-1	-28.20	-26.22	-10.97	-21.80		ppb
Silver	109-1	0.01	0.02	0.02	0.01	28.98	ppb
Silver	107-1	0.00	0.01	0.00	0.01	52.20	ppb
Sodium	23-2	42.97	35.14	50.92	43.01	18.34	ppb
Strontium	86-1	0.06	0.04	0.03	0.04	32.87	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-4031.92	-3361.24	-1744.14	-3045.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.12	0.10	20.77	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	7.34	ppb
Tin	118-1	0.04	0.02	0.06	0.04	48.18	ppb
Titanium	47-1	-0.04	-0.07	0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.00	0.02	83.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.23	0.20	0.23	15.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.85	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:20:17	DataFile Name :	014CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.03	0.01	125.85	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91969.94	92957.19	92357.65	92428.26	0.54	ppb
Antimony	121-1	1.10	1.14	1.20	1.15	4.35	ppb
Arsenic	75-2	0.33	0.33	0.28	0.31	9.25	ppb
Barium	135-1	1.48	1.84	1.39	1.57	15.40	ppb
Barium	137-1	1.50	1.65	1.63	1.59	5.05	ppb
Beryllium	9-1	0.55	0.83	0.60	0.66	23.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.26	14.29	12.73	13.76	6.47	ppb
Boron	11-1	14.82	16.08	14.67	15.19	5.09	ppb
Cadmium	111-1	0.31	0.17	0.38	0.29	36.52	ppb
Cadmium	106-1	-0.73	-1.80	-0.30	-0.94		ppb
Cadmium	108-1	7.35	7.77	8.22	7.78	5.57	ppb
Calcium	43-1	96652.15	95546.79	96119.43	96106.12	0.58	ppb
Calcium	44-1	96745.48	95437.18	95443.13	95875.26	0.79	ppb
Chromium	52-2	18.60	20.14	19.88	19.54	4.21	ppb
Cobalt	59-2	1.14	1.08	1.16	1.13	3.89	ppb
Copper	63-2	7.55	7.68	7.57	7.60	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97146.52	99966.24	99300.74	98804.50	1.49	ppb
Iron	57-2	95527.08	98078.42	98305.47	97303.66	1.59	ppb
Lead	206-1	4.89	4.74	4.75	4.80	1.77	ppb
Lead	207-1	4.17	4.18	4.04	4.13	1.86	ppb
Lead	208-1	4.48	4.50	4.42	4.47	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	100404.37	101466.74	100356.54	100742.55	0.62	ppb
Manganese	55-2	7.64	7.75	7.70	7.70	0.70	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1366.49	1359.50	1373.51	1366.50	0.51	ppb
Molybdenum	95-1	1939.66	1943.49	1961.34	1948.16	0.59	ppb
Molybdenum	96-1	1856.15	1860.45	1881.62	1866.07	0.73	ppb
Molybdenum	97-1	1946.75	1963.98	1960.76	1957.16	0.47	ppb
Molybdenum	98-1	1936.78	1938.06	1955.00	1943.28	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	4.87	5.49	5.12	6.41	ppb
Phosphorus	31-2	99448.98	102220.06	102897.62	101522.22	1.80	ppb
Potassium	39-2	98880.20	100940.80	100607.25	100142.75	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	1.85	7.36	-0.36	2.95	134.65	ppb
Selenium	82-1	0.13	0.36	0.35	0.28	45.36	ppb
Silicon	28-1	34.40	36.28	35.95	35.54	2.83	ppb
Silver	109-1	0.07	0.07	0.09	0.07	14.01	ppb
Silver	107-1	0.06	0.08	0.08	0.08	14.55	ppb
Sodium	23-2	98081.72	100477.36	99463.00	99340.69	1.21	ppb
Strontium	86-1	32.80	34.19	33.44	33.48	2.07	ppb
Strontium	88-1	34.29	34.01	33.86	34.05	0.65	ppb
Sulfur	34-1	87813.64	86196.09	86859.96	86956.56	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.21	0.19	0.19	11.21	ppb
Thallium	205-1	0.19	0.17	0.21	0.19	8.99	ppb
Tin	118-1	0.20	0.18	0.20	0.19	6.10	ppb
Titanium	47-1	1998.12	1971.32	1955.96	1975.13	1.08	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.80	ppb
Vanadium	51-2	0.11	0.16	0.18	0.15	22.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.54	10.77	11.24	10.52	8.32	ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	23.17	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.08	0.05	0.05	41.11	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91315.21	90355.37	91787.67	91152.75	0.80	ppb
Antimony	121-1	21.08	21.05	20.59	20.90	1.32	ppb
Arsenic	75-2	20.75	20.22	19.82	20.26	2.30	ppb
Barium	135-1	22.50	21.41	21.92	21.94	2.49	ppb
Barium	137-1	21.44	21.52	21.21	21.39	0.75	ppb
Beryllium	9-1	20.79	21.79	20.30	20.96	3.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	76.32	79.05	72.62	76.00	4.24	ppb
Boron	11-1	73.05	72.55	73.55	73.05	0.69	ppb
Cadmium	111-1	20.73	19.90	20.02	20.22	2.22	ppb
Cadmium	106-1	25.45	24.15	25.02	24.87	2.67	ppb
Cadmium	108-1	29.23	29.94	29.15	29.44	1.48	ppb
Calcium	43-1	96466.40	96524.53	97903.99	96964.97	0.84	ppb
Calcium	44-1	95564.79	94603.29	95899.52	95355.87	0.71	ppb
Chromium	52-2	38.96	38.25	38.90	38.70	1.01	ppb
Cobalt	59-2	20.99	20.60	21.00	20.86	1.10	ppb
Copper	63-2	26.70	26.60	26.70	26.67	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98780.77	96642.29	97731.89	97718.31	1.09	ppb
Iron	57-2	97188.53	94810.73	96411.10	96136.79	1.26	ppb
Lead	206-1	25.29	24.64	25.09	25.01	1.33	ppb
Lead	207-1	23.08	22.49	22.37	22.65	1.66	ppb
Lead	208-1	24.06	23.52	23.61	23.73	1.22	ppb
Lithium	6-1						%
Magnesium	24-2	99915.10	99568.11	99866.99	99783.40	0.19	ppb
Manganese	55-2	26.67	26.39	27.58	26.88	2.31	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1489.05	1471.83	1470.01	1476.96	0.71	ppb
Molybdenum	95-1	1981.74	1978.18	1981.69	1980.54	0.10	ppb
Molybdenum	96-1	1935.12	1894.26	1906.40	1911.93	1.10	ppb
Molybdenum	97-1	2016.38	1972.99	1982.58	1990.65	1.14	ppb
Molybdenum	98-1	1978.48	1937.19	1949.95	1955.20	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.16	24.98	25.49	24.88	2.71	ppb
Phosphorus	31-2	102962.53	102123.64	98506.04	101197.40	2.34	ppb
Potassium	39-2	99914.01	98391.95	98104.15	98803.37	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	30.30	10.86	30.23	23.79	47.09	ppb
Selenium	78-2	23.07	17.47	28.59	23.04	24.15	ppb
Selenium	82-1	18.83	20.07	18.99	19.30	3.48	ppb
Silicon	28-1	108.09	104.31	110.91	107.77	3.07	ppb
Silver	109-1	19.21	18.47	18.46	18.71	2.31	ppb
Silver	107-1	19.19	18.42	18.59	18.73	2.17	ppb
Sodium	23-2	100581.95	97538.45	99425.95	99182.12	1.55	ppb
Strontium	86-1	88.03	87.84	87.14	87.67	0.54	ppb
Strontium	88-1	88.87	88.71	87.95	88.51	0.55	ppb
Sulfur	34-1	86476.28	84945.79	86678.21	86033.43	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.88	20.22	19.97	20.36	2.31	ppb
Thallium	205-1	20.92	20.49	20.25	20.55	1.66	ppb
Tin	118-1	55.52	53.66	54.19	54.46	1.76	ppb
Titanium	47-1	2048.74	2005.82	2044.22	2032.93	1.16	ppb
Uranium	238-1	54.85	54.13	54.29	54.42	0.70	ppb
Vanadium	51-2	20.28	19.04	19.78	19.70	3.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.20	28.63	31.03	30.95	7.39	ppb
Zirconium	90-1	57.82	57.08	56.74	57.21	0.96	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	55.92	55.92	55.53	55.79	0.40	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49172.16	47766.03	50170.57	49036.25	2.46	ppb
Antimony	121-1	505.23	512.39	506.22	507.95	0.76	ppb
Arsenic	75-2	499.07	506.35	505.76	503.73	0.80	ppb
Barium	135-1	2535.92	2596.46	2545.27	2559.22	1.27	ppb
Barium	137-1	2497.16	2563.29	2535.95	2532.13	1.31	ppb
Beryllium	9-1	531.40	522.03	525.73	526.38	0.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	509.34	537.85	537.77	528.32	3.11	ppb
Boron	11-1	520.14	528.61	538.37	529.04	1.73	ppb
Cadmium	111-1	487.87	496.36	491.16	491.80	0.87	ppb
Cadmium	106-1	499.24	494.98	491.41	495.21	0.79	ppb
Cadmium	108-1	499.19	504.76	501.62	501.85	0.56	ppb
Calcium	43-1	238731.22	240156.38	241523.56	240137.05	0.58	ppb
Calcium	44-1	239126.88	240932.51	237735.24	239264.88	0.67	ppb
Chromium	52-2	491.92	482.76	500.99	491.89	1.85	ppb
Cobalt	59-2	482.13	472.03	494.50	482.88	2.33	ppb
Copper	63-2	928.87	912.26	945.29	928.81	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121543.88	119741.20	124490.52	121925.20	1.97	ppb
Iron	57-2	119738.87	117380.33	122677.43	119932.21	2.21	ppb
Lead	206-1	511.20	511.95	514.41	512.52	0.33	ppb
Lead	207-1	507.78	512.40	503.49	507.89	0.88	ppb
Lead	208-1	508.70	513.04	512.70	511.48	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	244776.49	238624.32	252829.74	245410.18	2.90	ppb
Manganese	55-2	983.27	969.42	1004.01	985.57	1.77	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2538.30	2467.88	2475.38	2493.86	1.55	ppb
Molybdenum	95-1	2530.42	2459.94	2454.03	2481.46	1.71	ppb
Molybdenum	96-1	2538.77	2465.57	2453.24	2485.86	1.86	ppb
Molybdenum	97-1	2519.49	2508.48	2471.05	2499.67	1.02	ppb
Molybdenum	98-1	2493.90	2458.93	2463.51	2472.11	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.62	471.16	495.53	481.77	2.59	ppb
Phosphorus	31-2	9598.09	9693.13	9995.76	9762.33	2.13	ppb
Potassium	39-2	125405.08	124584.49	129135.91	126375.16	1.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	438.79	579.91	453.06	490.58	15.84	ppb
Selenium	78-2	526.01	549.10	480.26	518.46	6.76	ppb
Selenium	82-1	497.56	489.49	489.27	492.11	0.96	ppb
Silicon	28-1	521.00	534.98	539.93	531.97	1.85	ppb
Silver	109-1	489.80	499.37	493.60	494.26	0.97	ppb
Silver	107-1	492.58	502.56	498.82	497.99	1.01	ppb
Sodium	23-2	249248.21	242791.62	254607.24	248882.36	2.38	ppb
Strontium	86-1	510.49	502.52	498.90	503.97	1.18	ppb
Strontium	88-1	515.97	509.58	505.87	510.47	1.00	ppb
Sulfur	34-1	8923.02	8745.19	8939.36	8869.19	1.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.86	509.13	513.16	508.39	1.02	ppb
Thallium	205-1	505.48	505.35	517.35	509.39	1.35	ppb
Tin	118-1	505.23	517.20	507.47	509.96	1.25	ppb
Titanium	47-1	2513.37	2496.88	2506.63	2505.63	0.33	ppb
Uranium	238-1	517.23	508.56	516.55	514.11	0.94	ppb
Vanadium	51-2	500.48	484.95	505.25	496.89	2.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	967.31	949.61	981.73	966.22	1.66	ppb
Zirconium	90-1	513.50	503.99	501.11	506.20	1.28	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.67	487.64	489.57	491.96	1.20	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	-0.16	3.65	1.68	113.75	ppb
Antimony	121-1	0.18	0.25	0.27	0.23	19.28	ppb
Arsenic	75-2	0.01	0.05	-0.01	0.02	194.12	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.43	0.46	0.35	0.41	13.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.18	22.73	15.22	19.04	19.72	ppb
Boron	11-1	19.21	18.77	17.13	18.37	5.98	ppb
Cadmium	111-1	-0.03	-0.15	-0.03	-0.07		ppb
Cadmium	106-1	-0.67	-2.40	-0.83	-1.30		ppb
Cadmium	108-1	0.12	0.08	0.13	0.11	21.76	ppb
Calcium	43-1	-19.53	-3.91	0.76	-7.56		ppb
Calcium	44-1	-5.19	-1.85	3.36	-1.23		ppb
Chromium	52-2	-0.12	0.04	-0.04	-0.04		ppb
Cobalt	59-2	0.03	0.02	0.00	0.02	104.22	ppb
Copper	63-2	0.06	0.08	0.07	0.07	17.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8.06	9.32	7.09	8.16	13.76	ppb
Iron	57-2	4.35	7.35	8.67	6.79	32.57	ppb
Lead	206-1	0.12	0.10	0.10	0.11	11.88	ppb
Lead	207-1	0.10	0.11	0.13	0.11	14.14	ppb
Lead	208-1	0.12	0.12	0.12	0.12	0.81	ppb
Lithium	6-1						%
Magnesium	24-2	-5.32	-10.59	-12.24	-9.38		ppb
Manganese	55-2	0.20	0.08	-0.05	0.07	163.54	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.17	0.14	0.18	23.80	ppb
Molybdenum	95-1	0.22	0.23	0.18	0.21	12.19	ppb
Molybdenum	96-1	0.26	0.27	0.22	0.25	9.55	ppb
Molybdenum	97-1	0.29	0.21	0.20	0.23	21.75	ppb
Molybdenum	98-1	0.25	0.19	0.20	0.21	13.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.53	0.06	0.32	74.21	ppb
Phosphorus	31-2	1.53	-26.23	2.16	-7.51		ppb
Potassium	39-2	32.32	53.14	23.67	36.38	41.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	0.90	1.94	0.83	138.80	ppb
Selenium	82-1	-0.06	-0.20	-0.25	-0.17		ppb
Silicon	28-1	-21.06	-19.26	-11.78	-17.36		ppb
Silver	109-1	0.02	0.03	0.03	0.03	19.13	ppb
Silver	107-1	0.01	0.02	0.01	0.01	49.92	ppb
Sodium	23-2	43.78	79.40	54.53	59.23	30.85	ppb
Strontium	86-1	-0.08	0.01	0.08	0.01	1489.88	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3213.23	-2851.89	-1999.50	-2688.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.10	0.13	0.12	16.71	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	9.22	ppb
Tin	118-1	0.06	0.07	0.05	0.06	16.63	ppb
Titanium	47-1	0.02	-0.06	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	52.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.12	0.06	0.09	31.98	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	71.18	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	68.12	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.69	9.06	24.44	21.40	52.02	ppb
Antimony	121-1	1.85	1.90	1.99	1.92	3.80	ppb
Arsenic	75-2	0.94	1.07	0.82	0.95	13.38	ppb
Barium	135-1	9.56	9.47	9.68	9.57	1.10	ppb
Barium	137-1	9.29	9.39	9.43	9.37	0.75	ppb
Beryllium	9-1	1.25	1.33	1.42	1.33	6.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	33.61	30.83	33.41	32.62	4.74	ppb
Boron	11-1	34.27	34.28	34.13	34.23	0.25	ppb
Cadmium	111-1	0.82	0.98	0.87	0.89	9.10	ppb
Cadmium	106-1	-0.23	0.71	0.33	0.27	176.47	ppb
Cadmium	108-1	1.30	1.17	0.72	1.06	28.80	ppb
Calcium	43-1	443.97	408.19	453.18	435.11	5.46	ppb
Calcium	44-1	451.88	437.29	443.52	444.23	1.65	ppb
Chromium	52-2	1.89	1.92	1.84	1.88	2.33	ppb
Cobalt	59-2	1.05	0.91	0.98	0.98	7.21	ppb
Copper	63-2	1.78	1.97	1.84	1.86	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	55.15	52.00	53.93	53.69	2.96	ppb
Iron	57-2	58.63	49.55	48.66	52.28	10.55	ppb
Lead	206-1	1.03	1.01	1.04	1.03	1.46	ppb
Lead	207-1	0.97	1.01	1.02	1.00	2.91	ppb
Lead	208-1	1.03	1.02	1.03	1.03	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	479.47	479.41	499.51	486.13	2.38	ppb
Manganese	55-2	0.92	1.06	1.10	1.03	9.28	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.88	4.71	4.73	4.77	1.95	ppb
Molybdenum	95-1	4.81	4.80	4.66	4.76	1.73	ppb
Molybdenum	96-1	4.75	4.72	4.71	4.73	0.47	ppb
Molybdenum	97-1	4.66	4.69	4.79	4.71	1.44	ppb
Molybdenum	98-1	4.74	4.59	4.69	4.67	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.24	1.18	1.24	5.06	ppb
Phosphorus	31-2	1.27	-26.23	-26.23	-17.06		ppb
Potassium	39-2	523.10	515.80	521.08	520.00	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	4.33	0.06	6065.81	ppb
Selenium	78-2	6.14	6.18	11.81	8.04	40.50	ppb
Selenium	82-1	4.81	5.43	4.32	4.85	11.39	ppb
Silicon	28-1	2.18	1.56	-0.87	0.96	168.57	ppb
Silver	109-1	0.94	0.91	0.96	0.94	2.66	ppb
Silver	107-1	0.88	0.89	0.97	0.92	5.34	ppb
Sodium	23-2	507.89	486.32	500.46	498.22	2.20	ppb
Strontium	86-1	0.89	0.91	0.97	0.92	4.47	ppb
Strontium	88-1	1.00	0.94	0.91	0.95	4.85	ppb
Sulfur	34-1	-1662.00	-1689.44	-1772.74	-1708.06		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	1.00	1.00	0.98	2.02	ppb
Thallium	205-1	1.05	1.04	1.02	1.04	1.73	ppb
Tin	118-1	4.65	4.72	4.54	4.64	2.02	ppb
Titanium	47-1	4.19	4.78	4.41	4.46	6.69	ppb
Uranium	238-1	0.87	0.90	0.90	0.89	1.40	ppb
Vanadium	51-2	4.65	4.35	4.74	4.58	4.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.43	2.84	2.06	2.44	16.13	ppb
Zirconium	90-1	0.99	0.96	0.97	0.97	1.64	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	1.00	0.92	0.97	4.31	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	1.49	1.57	1.51	3.29	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	8.23	ppb
Arsenic	75-2	-0.04	0.01	-0.04	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.00	135.57	ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.23	0.21	0.16	0.20	18.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.82	10.46	9.58	9.96	4.59	ppb
Boron	11-1	10.61	9.50	9.34	9.82	7.06	ppb
Cadmium	111-1	-0.07	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-1.01	-0.85	-0.87	-0.91		ppb
Cadmium	108-1	0.04	0.17	0.04	0.08	86.37	ppb
Calcium	43-1	-12.63	-8.67	8.01	-4.43		ppb
Calcium	44-1	-3.81	-4.81	-3.19	-3.94		ppb
Chromium	52-2	0.03	-0.07	-0.04	-0.03		ppb
Cobalt	59-2	0.03	0.00	0.03	0.02	79.06	ppb
Copper	63-2	0.02	0.06	0.03	0.04	58.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.39	4.01	4.18	4.19	4.56	ppb
Iron	57-2	5.34	3.10	5.56	4.67	29.20	ppb
Lead	206-1	0.07	0.06	0.08	0.07	10.85	ppb
Lead	207-1	0.08	0.08	0.06	0.08	15.70	ppb
Lead	208-1	0.07	0.07	0.06	0.07	6.72	ppb
Lithium	6-1						%
Magnesium	24-2	0.21	3.62	-0.56	1.09	203.68	ppb
Manganese	55-2	-0.01	0.03	-0.01	0.00	684.40	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.02	0.01	0.03	79.71	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	31.73	ppb
Molybdenum	96-1	0.05	0.07	0.03	0.05	31.50	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	54.08	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	43.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.14	0.32	0.24	38.89	ppb
Phosphorus	31-2	1.03	-26.23	-26.23	-17.14		ppb
Potassium	39-2	26.58	20.29	3.83	16.90	69.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.20	-2.08	-2.08	0.02	19919.74	ppb
Selenium	78-2	-0.36	4.05	-0.36	1.11	228.45	ppb
Selenium	82-1	0.32	-0.12	0.07	0.09	240.81	ppb
Silicon	28-1	-15.43	-16.19	-15.34	-15.65		ppb
Silver	109-1	0.02	0.01	0.02	0.01	43.09	ppb
Silver	107-1	0.00	0.02	0.01	0.01	56.98	ppb
Sodium	23-2	22.79	28.02	33.50	28.10	19.07	ppb
Strontium	86-1	0.03	-0.04	0.04	0.01	365.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1779.36	-1857.02	-1523.52	-1719.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.06	0.05	23.32	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.92	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	665.29	ppb
Titanium	47-1	0.09	0.05	-0.06	0.03	288.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.08	0.20	0.01	1145.77	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	36.81	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	102.68	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : PB105598BS Instrumnet Name : P8
 Client Sample ID : PB105598BS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 15:42:47 DataFile Name : 021LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10236.31	10035.46	9992.13	10087.97	1.29	ppb
Antimony	121-1	513.44	514.02	511.87	513.11	0.22	ppb
Arsenic	75-2	501.31	509.30	502.66	504.42	0.85	ppb
Barium	135-1	2566.39	2554.07	2564.36	2561.61	0.26	ppb
Barium	137-1	2540.33	2504.37	2543.43	2529.38	0.86	ppb
Beryllium	9-1	516.18	503.01	507.85	509.01	1.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	493.36	485.34	506.61	495.11	2.17	ppb
Boron	11-1	484.48	500.30	507.57	497.45	2.37	ppb
Cadmium	111-1	506.18	502.61	507.18	505.32	0.48	ppb
Cadmium	106-1	513.51	502.24	514.11	509.95	1.31	ppb
Cadmium	108-1	508.27	511.33	510.14	509.91	0.30	ppb
Calcium	43-1	49256.30	48403.77	47989.19	48549.75	1.33	ppb
Calcium	44-1	49238.36	48610.43	48243.33	48697.38	1.03	ppb
Chromium	52-2	502.67	499.23	503.64	501.85	0.46	ppb
Cobalt	59-2	506.28	499.32	501.55	502.38	0.71	ppb
Copper	63-2	991.65	968.59	991.73	983.99	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25816.86	25028.81	25721.08	25522.25	1.68	ppb
Iron	57-2	25221.65	24681.49	25542.78	25148.64	1.73	ppb
Lead	206-1	512.46	501.94	506.07	506.82	1.05	ppb
Lead	207-1	513.14	505.26	505.05	507.82	0.91	ppb
Lead	208-1	510.59	501.55	503.16	505.10	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	51195.96	50153.34	51624.19	50991.16	1.48	ppb
Manganese	55-2	1006.53	999.83	1023.66	1010.01	1.22	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BS	Instrumnet Name :	P8
Client Sample ID :	PB105598BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:42:47	DataFile Name :	021LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2517.46	2505.98	2572.86	2532.10	1.41	ppb
Molybdenum	95-1	2525.75	2485.94	2552.55	2521.41	1.33	ppb
Molybdenum	96-1	2515.53	2519.72	2519.93	2518.39	0.10	ppb
Molybdenum	97-1	2530.18	2544.53	2538.73	2537.81	0.28	ppb
Molybdenum	98-1	2505.59	2488.46	2542.92	2512.32	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.80	498.42	505.61	502.61	0.74	ppb
Phosphorus	31-2	9875.33	11073.64	11282.65	10743.87	7.07	ppb
Potassium	39-2	25953.13	25358.22	25581.42	25630.92	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	544.80	529.73	543.32	539.28	1.54	ppb
Selenium	78-2	553.95	574.49	545.53	557.99	2.67	ppb
Selenium	82-1	506.30	509.75	515.61	510.55	0.92	ppb
Silicon	28-1	553.15	542.49	544.48	546.71	1.04	ppb
Silver	109-1	520.29	509.59	512.47	514.12	1.08	ppb
Silver	107-1	511.65	513.46	509.09	511.40	0.43	ppb
Sodium	23-2	52334.16	51010.23	51751.70	51698.70	1.28	ppb
Strontium	86-1	496.29	499.24	497.60	497.71	0.30	ppb
Strontium	88-1	501.07	505.24	509.04	505.12	0.79	ppb
Sulfur	34-1	9169.68	8978.05	8724.09	8957.27	2.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.02	508.60	499.35	506.65	1.29	ppb
Thallium	205-1	510.39	504.61	503.33	506.11	0.74	ppb
Tin	118-1	513.74	515.96	507.87	512.53	0.82	ppb
Titanium	47-1	2525.35	2506.59	2512.73	2514.89	0.38	ppb
Uranium	238-1	502.30	496.93	491.85	497.03	1.05	ppb
Vanadium	51-2	502.37	492.87	505.05	500.10	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	995.71	985.14	1007.16	996.00	1.11	ppb
Zirconium	90-1	506.89	507.05	510.21	508.05	0.37	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BS	Instrumnet Name :	P8
Client Sample ID :	PB105598BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:42:47	DataFile Name :	021LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.74	492.85	493.62	491.74	0.53	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.67	93.29	87.93	92.63	4.75	ppb
Antimony	121-1	5.45	5.56	5.35	5.45	1.97	ppb
Arsenic	75-2	10.21	12.17	10.04	10.81	10.93	ppb
Barium	135-1	301.25	306.08	299.25	302.19	1.16	ppb
Barium	137-1	301.44	305.62	296.48	301.18	1.52	ppb
Beryllium	9-1	0.55	0.44	0.39	0.46	17.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	247.54	250.19	244.54	247.42	1.14	ppb
Boron	11-1	250.43	248.71	250.82	249.99	0.45	ppb
Cadmium	111-1	0.60	0.58	0.46	0.55	13.40	ppb
Cadmium	106-1	-2.14	-0.23	-0.39	-0.92		ppb
Cadmium	108-1	0.94	0.79	0.95	0.89	10.12	ppb
Calcium	43-1	114164.55	115577.07	114324.16	114688.59	0.67	ppb
Calcium	44-1	112194.10	112223.78	112305.28	112241.05	0.05	ppb
Chromium	52-2	1.32	1.50	1.13	1.32	14.38	ppb
Cobalt	59-2	0.98	1.25	1.02	1.09	13.54	ppb
Copper	63-2	6.42	7.55	6.68	6.88	8.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	240.99	267.99	240.39	249.79	6.31	ppb
Iron	57-2	243.22	275.51	249.22	255.98	6.71	ppb
Lead	206-1	6.23	5.94	6.14	6.10	2.48	ppb
Lead	207-1	5.44	5.49	5.30	5.41	1.86	ppb
Lead	208-1	5.77	5.74	5.64	5.72	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	8003.43	8845.45	7973.85	8274.24	5.98	ppb
Manganese	55-2	285.33	324.30	285.40	298.34	7.53	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.19	3.89	4.80	4.29	10.75	ppb
Molybdenum	95-1	5.85	5.85	5.69	5.80	1.60	ppb
Molybdenum	96-1	5.54	5.39	5.63	5.52	2.17	ppb
Molybdenum	97-1	6.09	6.38	5.86	6.11	4.33	ppb
Molybdenum	98-1	5.77	5.64	5.71	5.70	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.64	16.61	14.85	15.37	7.05	ppb
Phosphorus	31-2	34.67	-26.23	34.59	14.35	244.92	ppb
Potassium	39-2	1711.19	1881.38	1723.66	1772.08	5.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	4.74	6.74	0.94	4.14	71.18	ppb
Selenium	82-1	-2.25	-3.32	-4.23	-3.27		ppb
Silicon	28-1	9265.86	9384.10	9381.53	9343.83	0.72	ppb
Silver	109-1	0.78	0.61	0.48	0.63	24.02	ppb
Silver	107-1	0.78	0.60	0.51	0.63	21.36	ppb
Sodium	23-2	51395.01	55895.14	51311.69	52867.28	4.96	ppb
Strontium	86-1	324.56	327.24	330.15	327.31	0.86	ppb
Strontium	88-1	331.87	335.46	337.21	334.85	0.81	ppb
Sulfur	34-1	14804.09	15228.39	14633.80	14888.76	2.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.45	0.36	0.31	0.37	19.67	ppb
Thallium	205-1	0.49	0.37	0.30	0.39	25.74	ppb
Tin	118-1	2.10	2.19	2.21	2.17	2.59	ppb
Titanium	47-1	4.12	2.46	2.74	3.11	28.69	ppb
Uranium	238-1	1.32	1.34	1.40	1.35	3.07	ppb
Vanadium	51-2	5.46	5.89	5.87	5.74	4.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	139.76	154.05	136.50	143.44	6.51	ppb
Zirconium	90-1	0.19	0.20	0.16	0.18	10.58	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.17	0.17	1.53	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.50	8.79	22.66	12.65	69.16	ppb
Antimony	121-1	1.30	1.35	1.39	1.35	3.64	ppb
Arsenic	75-2	115.84	113.24	106.89	111.99	4.11	ppb
Barium	135-1	370.39	374.27	370.42	371.69	0.60	ppb
Barium	137-1	377.49	369.85	368.28	371.87	1.33	ppb
Beryllium	9-1	0.23	0.22	0.27	0.24	11.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	764.48	766.89	768.70	766.69	0.28	ppb
Boron	11-1	767.13	766.99	781.15	771.76	1.05	ppb
Cadmium	111-1	0.02	0.07	-0.05	0.01	478.19	ppb
Cadmium	106-1	-1.29	-1.48	-2.44	-1.74		ppb
Cadmium	108-1	0.24	0.29	0.33	0.29	15.30	ppb
Calcium	43-1	98318.92	100942.23	102834.82	100698.65	2.25	ppb
Calcium	44-1	99276.17	98674.16	100117.73	99356.02	0.73	ppb
Chromium	52-2	1.16	1.36	1.28	1.27	7.84	ppb
Cobalt	59-2	19.39	19.77	20.09	19.75	1.78	ppb
Copper	63-2	1.75	1.91	1.98	1.88	6.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7318.78	7245.18	7430.60	7331.52	1.27	ppb
Iron	57-2	7070.06	6982.66	7222.48	7091.73	1.71	ppb
Lead	206-1	0.33	0.32	0.35	0.33	3.22	ppb
Lead	207-1	0.32	0.34	0.36	0.34	5.45	ppb
Lead	208-1	0.34	0.35	0.34	0.34	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	15565.13	15409.31	15822.79	15599.08	1.34	ppb
Manganese	55-2	239.88	237.06	238.87	238.60	0.60	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.45	4.38	4.65	4.49	3.18	ppb
Molybdenum	95-1	5.88	6.33	6.31	6.18	4.14	ppb
Molybdenum	96-1	5.93	5.70	6.03	5.89	2.92	ppb
Molybdenum	97-1	6.24	6.21	6.47	6.31	2.22	ppb
Molybdenum	98-1	6.07	6.16	6.05	6.09	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	297.63	298.50	300.46	298.86	0.49	ppb
Phosphorus	31-2	36.54	5.33	102.50	48.13	103.09	ppb
Potassium	39-2	2284.81	2243.67	2208.25	2245.58	1.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.01	-2.08	5.45	5.46	138.11	ppb
Selenium	78-2	3.54	0.97	2.24	2.25	57.06	ppb
Selenium	82-1	-3.68	-6.02	-7.08	-5.59		ppb
Silicon	28-1	13081.59	13046.19	13162.24	13096.67	0.45	ppb
Silver	109-1	0.19	0.16	0.16	0.17	7.53	ppb
Silver	107-1	0.19	0.15	0.16	0.17	11.22	ppb
Sodium	23-2	74605.30	75010.03	77132.51	75582.61	1.80	ppb
Strontium	86-1	338.41	339.49	339.93	339.28	0.23	ppb
Strontium	88-1	345.14	349.20	344.96	346.43	0.69	ppb
Sulfur	34-1	-655.64	-945.11	-682.36	-761.03		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.03	0.02	0.04	65.18	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	41.27	ppb
Tin	118-1	1.76	1.83	1.74	1.77	2.60	ppb
Titanium	47-1	1.37	1.38	1.37	1.37	0.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.90	ppb
Vanadium	51-2	2.27	2.08	2.03	2.12	5.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.57	3.47	3.82	3.95	14.20	ppb
Zirconium	90-1	0.12	0.12	0.15	0.13	10.57	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.19	0.17	0.16	24.44	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.30	54.38	38.82	40.83	31.00	ppb
Antimony	121-1	1.50	1.43	1.55	1.49	4.26	ppb
Arsenic	75-2	122.80	119.67	120.90	121.12	1.30	ppb
Barium	135-1	138.32	137.84	133.81	136.66	1.81	ppb
Barium	137-1	138.16	136.22	135.36	136.58	1.05	ppb
Beryllium	9-1	0.17	0.20	0.15	0.17	13.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	160.95	156.54	153.42	156.97	2.41	ppb
Boron	11-1	156.49	155.35	157.32	156.39	0.63	ppb
Cadmium	111-1	0.01	0.04	-0.04	0.00	2065.31	ppb
Cadmium	106-1	-0.94	-0.99	-2.08	-1.34		ppb
Cadmium	108-1	0.34	0.24	0.14	0.24	41.20	ppb
Calcium	43-1	77957.37	77224.04	77423.34	77534.92	0.49	ppb
Calcium	44-1	78894.51	77641.08	77872.51	78136.03	0.85	ppb
Chromium	52-2	2.00	2.00	1.84	1.95	4.83	ppb
Cobalt	59-2	0.84	0.76	0.87	0.83	6.63	ppb
Copper	63-2	2.64	2.76	3.02	2.80	6.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7802.69	8078.76	7762.06	7881.17	2.19	ppb
Iron	57-2	7429.98	7765.38	7402.33	7532.56	2.68	ppb
Lead	206-1	1.07	1.06	1.03	1.05	1.92	ppb
Lead	207-1	0.89	0.93	0.95	0.93	3.42	ppb
Lead	208-1	1.01	1.01	1.00	1.01	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	12829.30	13201.70	12961.68	12997.56	1.45	ppb
Manganese	55-2	288.97	299.20	283.03	290.40	2.82	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.80	2.68	2.68	2.72	2.65	ppb
Molybdenum	95-1	3.66	3.77	3.70	3.71	1.56	ppb
Molybdenum	96-1	3.75	3.75	3.56	3.69	2.88	ppb
Molybdenum	97-1	4.01	4.12	4.00	4.04	1.75	ppb
Molybdenum	98-1	3.80	3.71	3.72	3.74	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.31	35.12	34.00	34.14	2.67	ppb
Phosphorus	31-2	-26.23	7.20	6.12	-4.30		ppb
Potassium	39-2	1097.50	1047.53	1141.93	1095.65	4.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	-0.36	2.29	0.53	289.85	ppb
Selenium	82-1	-7.21	-7.09	-9.38	-7.89		ppb
Silicon	28-1	9504.72	9552.03	9425.88	9494.21	0.67	ppb
Silver	109-1	0.14	0.13	0.11	0.13	12.81	ppb
Silver	107-1	0.12	0.13	0.10	0.12	12.04	ppb
Sodium	23-2	21592.70	22175.87	21695.85	21821.47	1.43	ppb
Strontium	86-1	529.33	533.77	525.58	529.56	0.77	ppb
Strontium	88-1	539.07	540.94	533.24	537.75	0.75	ppb
Sulfur	34-1	-935.14	-1087.93	-1466.38	-1163.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	22.58	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	323.33	ppb
Tin	118-1	1.91	2.00	2.02	1.98	2.85	ppb
Titanium	47-1	1.42	1.29	1.82	1.51	18.23	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	23.57	ppb
Vanadium	51-2	0.36	0.36	0.36	0.36	0.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.12	30.63	28.37	29.04	4.77	ppb
Zirconium	90-1	0.07	0.07	0.05	0.06	14.11	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.14	0.08	0.13	36.74	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.58	65.26	51.33	58.06	12.02	ppb
Antimony	121-1	1.40	1.43	1.53	1.45	4.75	ppb
Arsenic	75-2	52.93	52.34	51.61	52.29	1.27	ppb
Barium	135-1	470.11	459.28	459.23	462.87	1.35	ppb
Barium	137-1	468.36	461.22	460.60	463.39	0.93	ppb
Beryllium	9-1	0.15	0.09	0.15	0.13	24.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	171.90	165.20	174.04	170.38	2.71	ppb
Boron	11-1	170.71	171.24	171.63	171.19	0.27	ppb
Cadmium	111-1	-0.05	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	-1.74	-1.64	-1.92	-1.77		ppb
Cadmium	108-1	0.05	0.09	0.05	0.06	42.69	ppb
Calcium	43-1	105236.02	105276.88	104396.42	104969.77	0.47	ppb
Calcium	44-1	104478.81	104201.48	103770.16	104150.15	0.34	ppb
Chromium	52-2	1.39	1.37	1.53	1.43	6.15	ppb
Cobalt	59-2	0.35	0.34	0.33	0.34	3.40	ppb
Copper	63-2	2.27	2.08	2.23	2.19	4.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9109.54	9544.59	9568.26	9407.46	2.75	ppb
Iron	57-2	8720.68	9274.23	9106.07	9033.66	3.14	ppb
Lead	206-1	0.58	0.68	0.64	0.64	7.77	ppb
Lead	207-1	0.51	0.57	0.63	0.57	10.19	ppb
Lead	208-1	0.56	0.60	0.61	0.59	4.26	ppb
Lithium	6-1						%
Magnesium	24-2	13092.92	13583.77	13514.28	13396.99	1.98	ppb
Manganese	55-2	131.29	141.32	139.74	137.45	3.92	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.08	2.00	1.98	2.02	2.47	ppb
Molybdenum	95-1	2.53	2.59	2.62	2.58	1.87	ppb
Molybdenum	96-1	2.48	2.54	2.44	2.48	1.97	ppb
Molybdenum	97-1	2.75	2.75	2.60	2.70	3.20	ppb
Molybdenum	98-1	2.65	2.67	2.57	2.63	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.39	47.55	48.65	47.53	2.38	ppb
Phosphorus	31-2	67.97	72.71	72.83	71.17	3.89	ppb
Potassium	39-2	1308.72	1480.97	1381.63	1390.44	6.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.64	-2.08	13.27	5.61	136.73	ppb
Selenium	78-2	2.30	-0.36	2.29	1.41	108.40	ppb
Selenium	82-1	-5.87	-6.24	-8.75	-6.95		ppb
Silicon	28-1	11574.62	11416.08	11461.74	11484.15	0.71	ppb
Silver	109-1	0.11	0.08	0.10	0.10	13.83	ppb
Silver	107-1	0.08	0.07	0.08	0.08	4.15	ppb
Sodium	23-2	62296.97	64211.46	65301.23	63936.56	2.38	ppb
Strontium	86-1	535.27	535.60	531.87	534.25	0.39	ppb
Strontium	88-1	546.25	536.48	544.36	542.36	0.96	ppb
Sulfur	34-1	-768.92	-1044.75	-1383.33	-1065.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	12.39	12.55	12.67	12.53	1.10	ppb
Titanium	47-1	1.73	1.82	2.04	1.86	8.59	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	49.79	ppb
Vanadium	51-2	1.34	1.76	1.82	1.64	15.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.96	6.15	6.61	5.91	14.39	ppb
Zirconium	90-1	0.10	0.08	0.10	0.09	12.91	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.14	0.08	0.12	30.73	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.80	4.69	6.98	10.16	74.56	ppb
Antimony	121-1	1.72	1.79	1.90	1.80	4.93	ppb
Arsenic	75-2	12.17	12.26	11.80	12.08	2.02	ppb
Barium	135-1	296.64	304.56	299.44	300.21	1.34	ppb
Barium	137-1	299.86	304.11	299.39	301.12	0.87	ppb
Beryllium	9-1	0.11	0.10	0.12	0.11	11.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	159.94	161.99	159.55	160.49	0.82	ppb
Boron	11-1	164.90	163.34	164.90	164.38	0.55	ppb
Cadmium	111-1	-0.05	-0.01	-0.03	-0.03		ppb
Cadmium	106-1	-1.53	-0.96	-1.31	-1.27		ppb
Cadmium	108-1	0.05	0.05	0.19	0.10	85.95	ppb
Calcium	43-1	101377.16	100729.95	101411.98	101173.03	0.38	ppb
Calcium	44-1	100859.06	99624.86	100598.02	100360.64	0.65	ppb
Chromium	52-2	0.83	0.73	0.59	0.72	16.75	ppb
Cobalt	59-2	0.99	1.02	0.98	1.00	2.33	ppb
Copper	63-2	2.42	2.45	2.57	2.48	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	650.60	650.94	643.92	648.49	0.61	ppb
Iron	57-2	657.37	623.80	599.62	626.93	4.63	ppb
Lead	206-1	0.45	0.44	0.42	0.44	3.88	ppb
Lead	207-1	0.40	0.37	0.44	0.40	8.12	ppb
Lead	208-1	0.44	0.41	0.44	0.43	3.47	ppb
Lithium	6-1						%
Magnesium	24-2	13708.25	13721.50	13382.86	13604.21	1.41	ppb
Manganese	55-2	553.67	557.67	547.05	552.79	0.97	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.07	0.98	1.11	1.05	6.13	ppb
Molybdenum	95-1	1.26	1.43	1.46	1.38	7.63	ppb
Molybdenum	96-1	1.31	1.43	1.45	1.40	5.35	ppb
Molybdenum	97-1	1.49	1.52	1.65	1.55	5.62	ppb
Molybdenum	98-1	1.42	1.40	1.35	1.39	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.63	3.28	3.66	3.52	6.11	ppb
Phosphorus	31-2	7.04	40.45	6.83	18.11	106.86	ppb
Potassium	39-2	2172.26	2084.20	2027.51	2094.66	3.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	2.37	2.38	1.47	107.58	ppb
Selenium	82-1	-6.66	-9.08	-10.91	-8.89		ppb
Silicon	28-1	9642.31	9458.35	9517.62	9539.43	0.98	ppb
Silver	109-1	0.07	0.09	0.09	0.08	11.24	ppb
Silver	107-1	0.08	0.06	0.07	0.07	16.61	ppb
Sodium	23-2	47008.86	47242.22	46501.06	46917.38	0.81	ppb
Strontium	86-1	611.30	603.75	611.58	608.88	0.73	ppb
Strontium	88-1	616.17	613.91	616.79	615.62	0.25	ppb
Sulfur	34-1	6217.32	5267.07	5364.85	5616.41	9.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	3.23	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	49.15	ppb
Tin	118-1	1.45	1.47	1.47	1.46	0.91	ppb
Titanium	47-1	1.48	1.55	1.32	1.45	8.22	ppb
Uranium	238-1	1.10	1.11	1.10	1.10	0.57	ppb
Vanadium	51-2	4.72	4.47	4.59	4.59	2.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.42	2.73	2.91	3.02	11.89	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	19.58	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.01	0.02	47.07	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-06 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:01:39 DataFile Name : 027SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	8.19	-0.02	2.68	177.56	ppb
Antimony	121-1	1.75	1.75	2.07	1.86	9.89	ppb
Arsenic	75-2	4.74	5.22	5.04	5.00	4.80	ppb
Barium	135-1	134.01	133.43	145.78	137.74	5.06	ppb
Barium	137-1	134.53	134.51	142.85	137.30	3.50	ppb
Beryllium	9-1	0.14	0.10	0.06	0.10	43.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	148.66	157.94	159.68	155.42	3.81	ppb
Boron	11-1	151.23	151.95	162.58	155.25	4.09	ppb
Cadmium	111-1	-0.09	-0.14	-0.02	-0.08		ppb
Cadmium	106-1	-1.75	-2.73	-1.39	-1.96		ppb
Cadmium	108-1	0.15	0.10	0.26	0.17	49.84	ppb
Calcium	43-1	114877.96	114315.66	125956.33	118383.32	5.55	ppb
Calcium	44-1	113659.87	112745.23	124758.48	117054.53	5.71	ppb
Chromium	52-2	0.51	0.62	0.69	0.60	15.48	ppb
Cobalt	59-2	3.42	3.98	3.52	3.64	8.17	ppb
Copper	63-2	5.96	6.91	6.51	6.46	7.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	630.24	739.39	652.95	674.19	8.54	ppb
Iron	57-2	628.04	766.08	630.47	674.86	11.71	ppb
Lead	206-1	0.37	0.32	0.38	0.36	8.46	ppb
Lead	207-1	0.31	0.29	0.38	0.32	15.09	ppb
Lead	208-1	0.32	0.31	0.38	0.34	11.38	ppb
Lithium	6-1						%
Magnesium	24-2	12127.10	14202.53	12732.44	13020.69	8.20	ppb
Manganese	55-2	444.29	526.53	466.69	479.17	8.87	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:01:39	DataFile Name :	027SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.44	1.38	1.64	1.49	8.98	ppb
Molybdenum	95-1	1.93	1.72	1.86	1.83	5.77	ppb
Molybdenum	96-1	1.66	1.72	1.83	1.74	4.86	ppb
Molybdenum	97-1	1.60	1.80	1.81	1.74	6.74	ppb
Molybdenum	98-1	1.81	1.67	1.81	1.76	4.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.19	16.67	15.57	15.81	4.84	ppb
Phosphorus	31-2	5.83	48.47	-26.23	9.36	400.38	ppb
Potassium	39-2	2316.51	2715.64	2329.72	2453.95	9.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	2.80	0.99	1.14	138.24	ppb
Selenium	82-1	-7.37	-7.82	-10.87	-8.69		ppb
Silicon	28-1	9691.49	9553.65	10484.15	9909.76	5.07	ppb
Silver	109-1	0.07	0.06	0.05	0.06	13.29	ppb
Silver	107-1	0.05	0.04	0.05	0.05	15.65	ppb
Sodium	23-2	50726.44	59183.17	52329.90	54079.83	8.31	ppb
Strontium	86-1	597.99	593.93	640.07	610.67	4.18	ppb
Strontium	88-1	613.49	603.00	643.85	620.11	3.42	ppb
Sulfur	34-1	19725.39	19085.05	22527.14	20445.86	8.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	30.52	ppb
Thallium	205-1	0.00	-0.01	0.02	0.00	579.07	ppb
Tin	118-1	1.55	1.57	1.65	1.59	3.55	ppb
Titanium	47-1	1.23	1.41	1.39	1.34	7.47	ppb
Uranium	238-1	1.06	1.07	1.20	1.11	6.99	ppb
Vanadium	51-2	1.55	1.78	1.57	1.63	7.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.73	5.51	4.90	4.72	19.26	ppb
Zirconium	90-1	0.14	0.19	0.18	0.17	13.92	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:01:39	DataFile Name :	027SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.15	0.21	0.18	16.41	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-06DUP Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109DL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:04:49 DataFile Name : 028SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.70	4.58	7.03	4.77	45.48	ppb
Antimony	121-1	1.84	1.92	1.99	1.91	3.92	ppb
Arsenic	75-2	5.08	4.77	4.73	4.86	4.03	ppb
Barium	135-1	137.28	142.17	146.23	141.89	3.16	ppb
Barium	137-1	136.06	141.43	144.81	140.77	3.14	ppb
Beryllium	9-1	0.04	0.07	0.08	0.06	31.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	155.41	155.36	158.66	156.48	1.21	ppb
Boron	11-1	152.83	159.99	166.43	159.75	4.26	ppb
Cadmium	111-1	0.02	-0.11	-0.07	-0.05		ppb
Cadmium	106-1	-0.66	-1.89	-1.67	-1.41		ppb
Cadmium	108-1	0.20	0.20	0.26	0.22	15.21	ppb
Calcium	43-1	117400.82	119260.75	124096.34	120252.63	2.87	ppb
Calcium	44-1	116097.88	118899.07	123068.57	119355.17	2.94	ppb
Chromium	52-2	0.48	0.44	0.46	0.46	5.11	ppb
Cobalt	59-2	3.80	3.43	3.49	3.57	5.53	ppb
Copper	63-2	6.62	6.20	6.50	6.44	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	697.62	638.83	646.33	660.93	4.84	ppb
Iron	57-2	704.41	664.18	646.45	671.68	4.42	ppb
Lead	206-1	0.35	0.36	0.38	0.37	4.64	ppb
Lead	207-1	0.34	0.39	0.35	0.36	6.92	ppb
Lead	208-1	0.34	0.35	0.36	0.35	3.23	ppb
Lithium	6-1						%
Magnesium	24-2	13402.11	12252.50	12287.62	12647.41	5.17	ppb
Manganese	55-2	498.80	450.45	451.88	467.04	5.89	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06DUP	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:04:49	DataFile Name :	028SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.57	1.41	1.49	1.49	5.37	ppb
Molybdenum	95-1	1.70	1.92	1.68	1.77	7.66	ppb
Molybdenum	96-1	1.89	1.82	1.88	1.86	1.81	ppb
Molybdenum	97-1	1.91	1.91	1.73	1.85	5.66	ppb
Molybdenum	98-1	1.85	1.72	1.94	1.84	6.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.15	15.29	15.13	15.53	3.54	ppb
Phosphorus	31-2	-26.23	-26.23	40.29	-4.05		ppb
Potassium	39-2	2594.08	2324.05	2405.04	2441.06	5.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	5.95	0.60	770.77	ppb
Selenium	78-2	1.10	-0.36	1.03	0.59	138.90	ppb
Selenium	82-1	-6.20	-9.39	-12.38	-9.32		ppb
Silicon	28-1	9763.08	10030.90	10429.76	10074.58	3.33	ppb
Silver	109-1	0.05	0.06	0.08	0.06	17.68	ppb
Silver	107-1	0.06	0.06	0.07	0.06	6.22	ppb
Sodium	23-2	55942.36	51012.87	51188.64	52714.62	5.31	ppb
Strontium	86-1	610.90	622.12	626.97	620.00	1.33	ppb
Strontium	88-1	616.86	639.18	637.77	631.27	1.98	ppb
Sulfur	34-1	20209.98	21040.66	22721.55	21324.06	6.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	32.91	ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Tin	118-1	1.47	1.54	1.65	1.55	5.95	ppb
Titanium	47-1	0.89	1.05	1.48	1.14	27.07	ppb
Uranium	238-1	1.04	1.17	1.17	1.12	6.44	ppb
Vanadium	51-2	1.56	1.66	1.56	1.59	3.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.16	4.26	3.58	4.34	18.30	ppb
Zirconium	90-1	0.15	0.19	0.17	0.17	11.14	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06DUP	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:04:49	DataFile Name :	028SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.13	0.22	0.16	28.73	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48580.47	49184.04	47713.84	48492.78	1.52	ppb
Antimony	121-1	459.58	463.39	462.45	461.81	0.43	ppb
Arsenic	75-2	492.21	500.70	508.38	500.43	1.62	ppb
Barium	135-1	2507.90	2534.88	2502.85	2515.21	0.68	ppb
Barium	137-1	2480.07	2480.71	2483.08	2481.29	0.06	ppb
Beryllium	9-1	495.48	490.92	491.99	492.80	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.84	493.11	521.40	499.12	4.00	ppb
Boron	11-1	482.88	493.35	507.12	494.45	2.46	ppb
Cadmium	111-1	478.35	479.15	480.88	479.46	0.27	ppb
Cadmium	106-1	474.72	486.59	487.89	483.06	1.50	ppb
Cadmium	108-1	474.19	474.10	480.01	476.10	0.71	ppb
Calcium	43-1	239310.91	238211.52	243715.90	240412.78	1.21	ppb
Calcium	44-1	237272.78	237497.78	241030.19	238600.25	0.88	ppb
Chromium	52-2	513.59	520.90	502.13	512.21	1.85	ppb
Cobalt	59-2	507.79	513.91	499.66	507.12	1.41	ppb
Copper	63-2	987.34	1007.03	976.02	990.13	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127029.38	128151.82	124775.52	126652.24	1.36	ppb
Iron	57-2	124762.56	125376.22	121663.72	123934.16	1.61	ppb
Lead	206-1	515.46	513.99	516.43	515.29	0.24	ppb
Lead	207-1	519.20	516.00	510.97	515.39	0.80	ppb
Lead	208-1	518.15	514.01	519.24	517.13	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	251910.17	255165.23	246240.92	251105.44	1.80	ppb
Manganese	55-2	1006.79	1017.96	984.71	1003.16	1.69	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2525.39	2512.94	2562.83	2533.72	1.02	ppb
Molybdenum	95-1	2538.53	2549.18	2522.26	2536.65	0.53	ppb
Molybdenum	96-1	2526.35	2520.88	2566.28	2537.84	0.98	ppb
Molybdenum	97-1	2531.57	2524.93	2570.09	2542.20	0.96	ppb
Molybdenum	98-1	2517.43	2514.34	2527.96	2519.91	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.22	517.45	500.38	509.35	1.68	ppb
Phosphorus	31-2	10124.11	10052.73	9629.61	9935.49	2.69	ppb
Potassium	39-2	126638.93	126725.04	123600.02	125654.66	1.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	611.52	703.08	545.04	619.88	12.80	ppb
Selenium	78-2	499.24	475.96	511.55	495.58	3.65	ppb
Selenium	82-1	488.91	492.51	497.31	492.91	0.86	ppb
Silicon	28-1	505.74	507.64	522.31	511.89	1.77	ppb
Silver	109-1	484.59	483.92	478.80	482.44	0.66	ppb
Silver	107-1	483.74	487.49	486.78	486.00	0.41	ppb
Sodium	23-2	256583.72	259547.50	250184.48	255438.57	1.87	ppb
Strontium	86-1	508.72	502.23	505.41	505.46	0.64	ppb
Strontium	88-1	512.31	518.88	516.44	515.88	0.64	ppb
Sulfur	34-1	8571.88	8260.42	8747.92	8526.74	2.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.50	512.16	512.79	515.82	1.12	ppb
Thallium	205-1	517.64	508.10	513.05	512.93	0.93	ppb
Tin	118-1	499.31	501.84	498.38	499.84	0.36	ppb
Titanium	47-1	2514.58	2482.06	2531.92	2509.52	1.01	ppb
Uranium	238-1	524.90	517.51	524.98	522.46	0.82	ppb
Vanadium	51-2	507.02	517.55	500.85	508.47	1.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.87	1007.05	968.78	994.57	2.25	ppb
Zirconium	90-1	505.37	512.84	514.28	510.83	0.94	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.51	492.88	494.37	493.25	0.20	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.38	2.16	2.11	0.63	413.64	ppb
Antimony	121-1	0.26	0.26	0.27	0.26	1.62	ppb
Arsenic	75-2	-0.01	0.02	-0.06	-0.02		ppb
Barium	135-1	0.01	0.02	0.03	0.02	35.96	ppb
Barium	137-1	0.03	0.01	0.00	0.01	86.94	ppb
Beryllium	9-1	0.46	0.42	0.30	0.39	20.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.94	22.24	23.47	24.22	10.06	ppb
Boron	11-1	26.16	23.55	22.44	24.05	7.95	ppb
Cadmium	111-1	-0.02	-0.02	-0.11	-0.05		ppb
Cadmium	106-1	-0.86	-1.08	-2.32	-1.42		ppb
Cadmium	108-1	0.13	0.04	0.04	0.07	68.16	ppb
Calcium	43-1	-8.25	-6.41	-13.84	-9.50		ppb
Calcium	44-1	16.93	24.45	22.66	21.35	18.42	ppb
Chromium	52-2	0.04	0.05	-0.02	0.02	148.63	ppb
Cobalt	59-2	0.02	0.04	0.02	0.02	57.03	ppb
Copper	63-2	0.21	0.23	0.20	0.21	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.19	5.37	4.98	5.18	3.79	ppb
Iron	57-2	4.63	6.95	6.82	6.13	21.24	ppb
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	0.02	-0.01	-0.01	0.00	542.74	ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	-14.17	-9.45	-9.33	-10.98		ppb
Manganese	55-2	-0.09	-0.01	-0.01	-0.04		ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.18	0.17	0.20	18.45	ppb
Molybdenum	95-1	0.26	0.25	0.24	0.25	3.60	ppb
Molybdenum	96-1	0.26	0.21	0.21	0.22	12.12	ppb
Molybdenum	97-1	0.31	0.24	0.24	0.26	15.34	ppb
Molybdenum	98-1	0.16	0.22	0.18	0.19	16.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.02	-0.10	-0.07		ppb
Phosphorus	31-2	4.69	-26.23	37.18	5.21	608.16	ppb
Potassium	39-2	21.60	34.46	17.41	24.49	36.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	0.85	2.08	0.86	142.08	ppb
Selenium	82-1	0.26	-0.64	-0.68	-0.35		ppb
Silicon	28-1	-19.59	-17.69	-18.99	-18.76		ppb
Silver	109-1	0.03	0.03	0.04	0.03	19.73	ppb
Silver	107-1	0.02	0.03	0.03	0.03	5.77	ppb
Sodium	23-2	143.67	124.62	145.21	137.83	8.32	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	6232.74	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	42.19	ppb
Sulfur	34-1	-2686.03	-2267.18	-2096.61	-2349.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.02	0.03	24.94	ppb
Thallium	205-1	0.02	0.04	0.01	0.02	65.96	ppb
Tin	118-1	0.06	0.06	0.06	0.06	7.53	ppb
Titanium	47-1	-0.03	-0.09	-0.07	-0.07		ppb
Uranium	238-1	0.00	0.01	0.01	0.00	23.23	ppb
Vanadium	51-2	0.04	0.01	0.01	0.02	76.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.13	0.05	0.13	58.64	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	31.41	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.01	0.02	48.36	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-06LX5 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109L Dilution Factor : 5
 Date & Time Acquired :: 2018-01-12 16:14:39 DataFile Name : 031SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.03	-0.08	-0.02		ppb
Antimony	121-1	1.41	1.19	1.19	1.27	10.14	ppb
Arsenic	75-2	0.91	0.66	0.77	0.78	16.15	ppb
Barium	135-1	26.02	26.09	26.87	26.33	1.81	ppb
Barium	137-1	25.99	26.42	26.32	26.24	0.86	ppb
Beryllium	9-1	0.14	0.24	0.28	0.22	32.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.91	49.74	50.03	49.89	0.30	ppb
Boron	11-1	50.47	50.50	48.32	49.76	2.51	ppb
Cadmium	111-1	-0.14	-0.07	-0.07	-0.10		ppb
Cadmium	106-1	-2.31	-1.49	-1.44	-1.75		ppb
Cadmium	108-1	0.09	0.04	0.09	0.07	34.38	ppb
Calcium	43-1	22344.31	22229.95	22522.48	22365.58	0.66	ppb
Calcium	44-1	22691.32	22474.06	22660.89	22608.76	0.52	ppb
Chromium	52-2	0.05	0.15	0.15	0.12	49.97	ppb
Cobalt	59-2	0.82	0.76	0.68	0.75	9.26	ppb
Copper	63-2	1.27	1.26	1.12	1.22	6.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	134.53	139.46	132.03	135.34	2.79	ppb
Iron	57-2	142.77	113.99	119.86	125.54	12.11	ppb
Lead	206-1	0.07	0.05	0.05	0.05	20.60	ppb
Lead	207-1	0.05	0.05	0.04	0.05	3.94	ppb
Lead	208-1	0.06	0.05	0.05	0.05	14.96	ppb
Lithium	6-1						%
Magnesium	24-2	2501.64	2534.50	2425.60	2487.25	2.25	ppb
Manganese	55-2	96.73	94.72	91.94	94.46	2.55	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06LX5	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:14:39	DataFile Name :	031SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.35	0.38	0.36	3.36	ppb
Molybdenum	95-1	0.40	0.37	0.37	0.38	3.38	ppb
Molybdenum	96-1	0.32	0.40	0.36	0.36	11.28	ppb
Molybdenum	97-1	0.36	0.42	0.41	0.40	8.66	ppb
Molybdenum	98-1	0.34	0.37	0.42	0.38	11.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.59	3.34	2.78	2.90	13.43	ppb
Phosphorus	31-2	-26.23	-26.23	-26.23	-26.23		ppb
Potassium	39-2	506.01	449.40	462.95	472.79	6.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.68	-2.08	-2.08	0.51	879.40	ppb
Selenium	78-2	0.98	0.95	0.89	0.94	4.76	ppb
Selenium	82-1	-0.60	-0.58	-1.03	-0.74		ppb
Silicon	28-1	1869.14	1867.70	1891.47	1876.10	0.71	ppb
Silver	109-1	0.08	0.05	0.07	0.06	25.20	ppb
Silver	107-1	0.07	0.06	0.06	0.06	10.23	ppb
Sodium	23-2	10027.18	10260.51	9741.70	10009.80	2.60	ppb
Strontium	86-1	115.14	116.78	115.29	115.74	0.78	ppb
Strontium	88-1	122.25	123.08	120.76	122.03	0.96	ppb
Sulfur	34-1	1854.36	1540.66	1795.31	1730.11	9.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.00	0.01	0.02	126.53	ppb
Thallium	205-1	0.02	0.01	-0.01	0.00	350.36	ppb
Tin	118-1	0.22	0.23	0.24	0.23	4.70	ppb
Titanium	47-1	0.13	0.03	0.06	0.08	62.48	ppb
Uranium	238-1	0.22	0.21	0.20	0.21	4.81	ppb
Vanadium	51-2	0.36	0.33	0.36	0.35	4.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.50	1.37	1.73	1.53	12.15	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	9.17	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06LX5	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:14:39	DataFile Name :	031SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.05	0.06	20.61	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-07 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109MS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:17:49 DataFile Name : 032SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9709.81	9820.24	9357.41	9629.15	2.51	ppb
Antimony	121-1	515.83	515.67	505.05	512.18	1.21	ppb
Arsenic	75-2	544.75	537.74	550.27	544.25	1.15	ppb
Barium	135-1	2705.26	2726.96	2693.41	2708.54	0.63	ppb
Barium	137-1	2685.34	2683.62	2644.25	2671.07	0.87	ppb
Beryllium	9-1	359.21	351.07	349.86	353.38	1.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	490.78	477.79	497.36	488.64	2.04	ppb
Boron	11-1	485.55	490.88	494.34	490.25	0.90	ppb
Cadmium	111-1	500.10	498.57	498.61	499.09	0.17	ppb
Cadmium	106-1	493.85	493.42	492.39	493.22	0.15	ppb
Cadmium	108-1	500.83	510.42	491.84	501.03	1.85	ppb
Calcium	43-1	166696.06	168273.47	166728.52	167232.68	0.54	ppb
Calcium	44-1	164920.11	164766.00	164786.63	164824.25	0.05	ppb
Chromium	52-2	530.46	545.97	523.93	533.46	2.12	ppb
Cobalt	59-2	537.31	545.30	525.93	536.18	1.82	ppb
Copper	63-2	1059.06	1083.32	1040.99	1061.12	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27199.89	27446.03	26413.36	27019.76	2.00	ppb
Iron	57-2	26567.55	26887.94	26236.41	26563.97	1.23	ppb
Lead	206-1	516.73	526.76	529.63	524.37	1.29	ppb
Lead	207-1	509.41	519.39	521.93	516.91	1.28	ppb
Lead	208-1	511.48	523.77	526.14	520.46	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	71023.37	73180.19	69597.83	71267.13	2.53	ppb
Manganese	55-2	1445.84	1477.55	1419.52	1447.63	2.01	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:17:49	DataFile Name :	032SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2604.90	2644.44	2676.44	2641.93	1.36	ppb
Molybdenum	95-1	2582.59	2650.91	2643.46	2625.65	1.43	ppb
Molybdenum	96-1	2578.38	2615.37	2672.44	2622.06	1.81	ppb
Molybdenum	97-1	2601.93	2651.63	2680.58	2644.71	1.50	ppb
Molybdenum	98-1	2579.55	2649.19	2636.69	2621.81	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.35	563.57	545.60	553.84	1.64	ppb
Phosphorus	31-2	-26.23	-26.23	-26.23	-26.23		ppb
Potassium	39-2	27589.90	27879.72	27164.78	27544.80	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	485.39	510.06	595.39	530.28	10.89	ppb
Selenium	78-2	521.64	538.90	561.20	540.58	3.67	ppb
Selenium	82-1	509.19	522.15	515.04	515.46	1.26	ppb
Silicon	28-1	9724.82	9748.26	9573.84	9682.31	0.98	ppb
Silver	109-1	515.46	520.80	511.74	516.00	0.88	ppb
Silver	107-1	524.07	521.78	521.01	522.29	0.30	ppb
Sodium	23-2	104200.61	104108.41	101920.99	103410.00	1.25	ppb
Strontium	86-1	1121.44	1123.05	1123.05	1122.51	0.08	ppb
Strontium	88-1	1109.44	1117.59	1109.14	1112.06	0.43	ppb
Sulfur	34-1	18364.73	18098.89	17706.91	18056.84	1.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	527.34	540.59	537.37	535.10	1.29	ppb
Thallium	205-1	518.48	531.33	537.00	528.93	1.79	ppb
Tin	118-1	495.51	496.61	494.41	495.51	0.22	ppb
Titanium	47-1	2576.36	2576.35	2597.39	2583.37	0.47	ppb
Uranium	238-1	507.82	512.80	516.69	512.44	0.87	ppb
Vanadium	51-2	521.52	528.75	510.21	520.16	1.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.56	1033.51	981.64	1005.23	2.61	ppb
Zirconium	90-1	522.41	526.78	532.04	527.07	0.92	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:17:49	DataFile Name :	032SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.12	511.51	506.20	507.61	0.67	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-08 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109MS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:20:53 DataFile Name : 033SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10123.32	9961.87	10080.29	10055.16	0.83	ppb
Antimony	121-1	524.75	529.87	520.68	525.10	0.88	ppb
Arsenic	75-2	562.21	566.14	564.84	564.40	0.35	ppb
Barium	135-1	2790.47	2782.87	2768.53	2780.62	0.40	ppb
Barium	137-1	2771.90	2742.86	2712.75	2742.50	1.08	ppb
Beryllium	9-1	360.33	366.87	362.04	363.08	0.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	518.10	509.27	525.20	517.52	1.54	ppb
Boron	11-1	498.92	513.74	522.72	511.79	2.35	ppb
Cadmium	111-1	526.86	512.34	513.89	517.70	1.54	ppb
Cadmium	106-1	518.16	509.58	519.75	515.83	1.06	ppb
Cadmium	108-1	510.44	517.36	513.05	513.62	0.68	ppb
Calcium	43-1	173353.94	172950.76	172190.02	172831.57	0.34	ppb
Calcium	44-1	171276.70	169844.50	169614.72	170245.31	0.53	ppb
Chromium	52-2	563.95	563.94	562.00	563.29	0.20	ppb
Cobalt	59-2	559.38	558.91	556.01	558.10	0.33	ppb
Copper	63-2	1103.37	1106.89	1103.53	1104.60	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28378.23	28211.73	27943.93	28177.96	0.78	ppb
Iron	57-2	27606.63	27506.07	27302.56	27471.75	0.56	ppb
Lead	206-1	550.48	538.62	556.81	548.64	1.68	ppb
Lead	207-1	541.74	542.85	550.77	545.12	0.90	ppb
Lead	208-1	548.33	540.15	556.68	548.39	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	75061.99	74219.80	74486.20	74589.33	0.58	ppb
Manganese	55-2	1503.91	1496.26	1491.62	1497.26	0.41	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-08	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:20:53	DataFile Name :	033SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2742.09	2751.66	2686.22	2726.66	1.30	ppb
Molybdenum	95-1	2721.77	2738.10	2695.98	2718.62	0.78	ppb
Molybdenum	96-1	2706.86	2740.28	2687.39	2711.51	0.99	ppb
Molybdenum	97-1	2733.94	2758.73	2708.44	2733.70	0.92	ppb
Molybdenum	98-1	2699.37	2701.27	2689.09	2696.57	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.78	580.07	577.22	578.69	0.25	ppb
Phosphorus	31-2	7.11	-26.23	6.94	-4.06		ppb
Potassium	39-2	29173.33	28850.84	28589.52	28871.23	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	686.03	473.98	543.04	567.68	19.05	ppb
Selenium	78-2	552.20	509.43	564.71	542.11	5.35	ppb
Selenium	82-1	528.84	532.05	521.93	527.61	0.98	ppb
Silicon	28-1	9862.34	9783.73	9797.62	9814.56	0.43	ppb
Silver	109-1	542.71	529.25	528.56	533.51	1.50	ppb
Silver	107-1	541.75	536.47	531.87	536.70	0.92	ppb
Sodium	23-2	108708.44	107350.70	106781.56	107613.57	0.92	ppb
Strontium	86-1	1148.38	1143.10	1142.68	1144.72	0.28	ppb
Strontium	88-1	1131.17	1139.86	1123.82	1131.62	0.71	ppb
Sulfur	34-1	18464.61	18185.10	17895.46	18181.72	1.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	553.68	546.05	572.92	557.55	2.48	ppb
Thallium	205-1	557.89	545.86	563.91	555.88	1.65	ppb
Tin	118-1	507.70	506.78	507.31	507.26	0.09	ppb
Titanium	47-1	2686.38	2672.05	2647.43	2668.62	0.74	ppb
Uranium	238-1	537.96	535.02	546.93	539.97	1.15	ppb
Vanadium	51-2	548.07	547.45	543.13	546.22	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.34	1045.27	1049.08	1051.23	0.69	ppb
Zirconium	90-1	542.51	545.32	541.60	543.14	0.36	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-08	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:20:53	DataFile Name :	033SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.67	531.68	519.92	525.42	1.13	ppb

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-06A Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109A Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:23:55 DataFile Name : 034SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9924.58	9844.05	9766.69	9845.11	0.80	ppb
Antimony	121-1	520.09	519.12	526.07	521.76	0.72	ppb
Arsenic	75-2	560.84	560.51	559.96	560.44	0.08	ppb
Barium	135-1	2767.98	2766.41	2776.21	2770.20	0.19	ppb
Barium	137-1	2712.92	2761.20	2744.46	2739.53	0.89	ppb
Beryllium	9-1	367.89	361.71	363.98	364.53	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	522.04	523.63	538.76	528.14	1.75	ppb
Boron	11-1	511.41	525.79	526.77	521.32	1.65	ppb
Cadmium	111-1	512.76	508.59	507.26	509.54	0.56	ppb
Cadmium	106-1	506.15	509.69	501.34	505.73	0.83	ppb
Cadmium	108-1	496.26	521.81	517.63	511.90	2.68	ppb
Calcium	43-1	170710.94	169808.02	168490.16	169669.71	0.66	ppb
Calcium	44-1	168477.99	167869.98	166756.46	167701.47	0.52	ppb
Chromium	52-2	558.77	553.30	536.93	549.67	2.07	ppb
Cobalt	59-2	553.77	552.75	535.94	547.48	1.83	ppb
Copper	63-2	1096.51	1085.28	1061.88	1081.23	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27883.11	27797.18	26938.18	27539.49	1.90	ppb
Iron	57-2	27565.36	27087.73	26330.10	26994.40	2.31	ppb
Lead	206-1	532.52	535.51	551.56	539.86	1.90	ppb
Lead	207-1	532.50	538.40	541.57	537.49	0.86	ppb
Lead	208-1	536.60	539.13	547.62	541.12	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	73905.02	72342.06	70860.92	72369.33	2.10	ppb
Manganese	55-2	1481.82	1475.92	1441.14	1466.29	1.50	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06A	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:23:55	DataFile Name :	034SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2638.47	2653.52	2639.56	2643.85	0.32	ppb
Molybdenum	95-1	2642.59	2657.03	2640.87	2646.83	0.34	ppb
Molybdenum	96-1	2627.83	2660.10	2642.61	2643.51	0.61	ppb
Molybdenum	97-1	2669.49	2673.31	2684.66	2675.82	0.29	ppb
Molybdenum	98-1	2633.45	2643.56	2624.36	2633.79	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.64	572.35	547.20	563.06	2.45	ppb
Phosphorus	31-2	107.63	-26.23	-26.23	18.39	420.16	ppb
Potassium	39-2	28752.62	28218.45	27308.46	28093.18	2.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	547.26	586.61	500.60	544.82	7.90	ppb
Selenium	78-2	595.16	537.12	556.58	562.95	5.25	ppb
Selenium	82-1	516.23	516.91	514.18	515.77	0.28	ppb
Silicon	28-1	9716.02	9782.21	9690.87	9729.70	0.48	ppb
Silver	109-1	526.45	527.07	527.47	527.00	0.10	ppb
Silver	107-1	534.85	529.25	526.60	530.24	0.79	ppb
Sodium	23-2	107208.59	106672.89	102785.86	105555.78	2.29	ppb
Strontium	86-1	1111.20	1149.68	1120.77	1127.22	1.78	ppb
Strontium	88-1	1118.89	1126.50	1119.47	1121.62	0.38	ppb
Sulfur	34-1	17754.31	17558.56	16901.04	17404.64	2.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	537.77	553.60	554.69	548.69	1.73	ppb
Thallium	205-1	541.52	550.19	556.58	549.43	1.38	ppb
Tin	118-1	508.75	502.17	506.91	505.94	0.67	ppb
Titanium	47-1	2661.37	2631.68	2656.24	2649.77	0.60	ppb
Uranium	238-1	527.84	528.80	532.12	529.58	0.42	ppb
Vanadium	51-2	542.50	535.63	520.57	532.90	2.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1051.51	1033.36	993.83	1026.23	2.87	ppb
Zirconium	90-1	534.12	534.77	531.05	533.31	0.37	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06A	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:23:55	DataFile Name :	034SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.93	516.53	517.19	517.55	0.24	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.22	38.14	23.78	29.05	27.24	ppb
Antimony	121-1	2.11	2.05	2.10	2.09	1.59	ppb
Arsenic	75-2	4.06	4.39	3.75	4.07	7.83	ppb
Barium	135-1	135.76	137.72	136.81	136.76	0.72	ppb
Barium	137-1	138.22	136.70	136.03	136.98	0.82	ppb
Beryllium	9-1	0.51	0.58	0.47	0.52	10.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	184.23	183.50	193.98	187.24	3.13	ppb
Boron	11-1	183.09	184.54	187.35	184.99	1.17	ppb
Cadmium	111-1	0.07	-0.09	-0.02	-0.02		ppb
Cadmium	106-1	-1.17	-2.32	-1.40	-1.63		ppb
Cadmium	108-1	0.32	0.32	0.00	0.22	86.60	ppb
Calcium	43-1	119375.57	119932.48	117447.45	118918.50	1.10	ppb
Calcium	44-1	117701.29	117567.73	115933.94	117067.65	0.84	ppb
Chromium	52-2	0.80	0.62	0.62	0.68	15.79	ppb
Cobalt	59-2	3.95	3.80	3.48	3.74	6.39	ppb
Copper	63-2	5.52	5.56	5.43	5.50	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	593.10	557.25	556.88	569.08	3.66	ppb
Iron	57-2	577.72	563.45	552.93	564.70	2.20	ppb
Lead	206-1	0.36	0.37	0.41	0.38	6.97	ppb
Lead	207-1	0.36	0.32	0.36	0.35	7.40	ppb
Lead	208-1	0.36	0.35	0.37	0.36	3.12	ppb
Lithium	6-1						%
Magnesium	24-2	13197.66	12460.58	12511.51	12723.25	3.24	ppb
Manganese	55-2	486.86	466.07	463.71	472.21	2.70	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.55	1.61	1.54	1.57	2.55	ppb
Molybdenum	95-1	2.10	2.07	2.00	2.06	2.48	ppb
Molybdenum	96-1	1.95	2.00	1.89	1.95	2.92	ppb
Molybdenum	97-1	2.22	2.20	2.15	2.19	1.61	ppb
Molybdenum	98-1	2.12	2.00	2.11	2.08	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.60	15.96	15.84	16.14	2.54	ppb
Phosphorus	31-2	44.73	-26.23	-26.23	-2.57		ppb
Potassium	39-2	2384.58	2301.00	2413.85	2366.48	2.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	1.00	-0.36	2.40	1.01	135.65	ppb
Selenium	82-1	-5.31	-6.46	-8.16	-6.64		ppb
Silicon	28-1	9727.18	9732.95	9596.53	9685.55	0.80	ppb
Silver	109-1	0.06	0.06	0.07	0.07	9.92	ppb
Silver	107-1	0.07	0.08	0.05	0.07	18.97	ppb
Sodium	23-2	54847.35	52913.45	52451.38	53404.06	2.38	ppb
Strontium	86-1	603.62	613.45	607.34	608.14	0.82	ppb
Strontium	88-1	617.33	628.85	623.24	623.14	0.92	ppb
Sulfur	34-1	18401.67	18509.85	17799.07	18236.86	2.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.19	0.18	0.19	10.14	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	9.96	ppb
Tin	118-1	6.36	5.88	5.70	5.98	5.71	ppb
Titanium	47-1	1.96	1.25	1.55	1.59	22.62	ppb
Uranium	238-1	1.12	1.14	1.12	1.13	1.10	ppb
Vanadium	51-2	1.60	1.55	1.47	1.54	4.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.39	10.15	10.09	10.21	1.55	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	12.23	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.06	0.06	7.59	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49695.82	46973.55	48230.64	48300.00	2.82	ppb
Antimony	121-1	539.76	542.69	539.57	540.67	0.32	ppb
Arsenic	75-2	503.93	505.54	509.66	506.37	0.58	ppb
Barium	135-1	2504.52	2521.19	2514.21	2513.31	0.33	ppb
Barium	137-1	2499.59	2499.73	2457.90	2485.74	0.97	ppb
Beryllium	9-1	509.77	503.32	510.31	507.80	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	529.90	529.36	538.02	532.43	0.91	ppb
Boron	11-1	519.51	517.87	541.41	526.26	2.50	ppb
Cadmium	111-1	478.23	478.77	474.74	477.24	0.46	ppb
Cadmium	106-1	482.12	471.33	486.65	480.03	1.64	ppb
Cadmium	108-1	484.94	488.21	471.38	481.51	1.85	ppb
Calcium	43-1	245467.30	241340.52	239457.11	242088.31	1.27	ppb
Calcium	44-1	242614.67	238536.97	238449.72	239867.12	0.99	ppb
Chromium	52-2	523.11	509.32	515.46	515.96	1.34	ppb
Cobalt	59-2	513.81	501.51	509.21	508.18	1.22	ppb
Copper	63-2	1007.50	981.67	987.51	992.23	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	128375.39	124275.00	126902.88	126517.75	1.64	ppb
Iron	57-2	125083.89	122054.46	124746.77	123961.71	1.34	ppb
Lead	206-1	513.79	519.31	512.37	515.16	0.71	ppb
Lead	207-1	513.32	525.09	511.96	516.79	1.40	ppb
Lead	208-1	515.23	519.28	512.27	515.59	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	255716.17	244382.12	247682.78	249260.35	2.34	ppb
Manganese	55-2	1003.70	986.58	996.24	995.50	0.86	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2571.47	2512.37	2578.25	2554.03	1.42	ppb
Molybdenum	95-1	2586.72	2513.03	2592.34	2564.03	1.73	ppb
Molybdenum	96-1	2597.79	2506.71	2618.87	2574.45	2.32	ppb
Molybdenum	97-1	2588.57	2546.02	2587.34	2573.98	0.94	ppb
Molybdenum	98-1	2560.96	2523.20	2564.45	2549.54	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.67	502.04	502.51	505.40	1.07	ppb
Phosphorus	31-2	10182.77	10272.33	10282.09	10245.73	0.53	ppb
Potassium	39-2	127924.40	124902.10	126605.90	126477.47	1.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	456.53	404.92	593.08	484.84	20.05	ppb
Selenium	78-2	522.72	527.53	510.17	520.14	1.72	ppb
Selenium	82-1	503.67	486.52	500.63	496.94	1.84	ppb
Silicon	28-1	511.75	512.07	520.76	514.86	0.99	ppb
Silver	109-1	486.98	478.46	485.23	483.56	0.93	ppb
Silver	107-1	486.84	484.02	484.55	485.13	0.31	ppb
Sodium	23-2	258509.77	249906.41	252840.00	253752.06	1.72	ppb
Strontium	86-1	510.03	501.44	510.37	507.28	1.00	ppb
Strontium	88-1	518.30	512.66	517.98	516.31	0.61	ppb
Sulfur	34-1	8329.50	7618.59	7525.20	7824.43	5.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.70	511.33	510.81	511.61	0.19	ppb
Thallium	205-1	515.09	512.42	508.22	511.91	0.68	ppb
Tin	118-1	501.80	497.07	496.19	498.35	0.61	ppb
Titanium	47-1	2561.31	2496.06	2502.37	2519.91	1.43	ppb
Uranium	238-1	526.73	522.85	528.96	526.18	0.59	ppb
Vanadium	51-2	515.83	501.73	516.24	511.26	1.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	996.45	987.78	1001.70	995.31	0.71	ppb
Zirconium	90-1	512.07	505.80	515.84	511.23	0.99	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.71	491.13	498.24	495.69	0.80	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:33:10	DataFile Name :	037CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-2.38	-2.38	-1.64		ppb
Antimony	121-1	0.28	0.29	0.30	0.29	3.43	ppb
Arsenic	75-2	-0.06	-0.04	0.02	-0.03		ppb
Barium	135-1	0.04	0.01	0.01	0.02	60.97	ppb
Barium	137-1	0.04	0.02	0.02	0.03	54.51	ppb
Beryllium	9-1	0.57	0.68	0.48	0.58	17.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.23	27.69	28.01	30.31	14.08	ppb
Boron	11-1	30.69	28.26	27.98	28.98	5.15	ppb
Cadmium	111-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-1.75	-2.10	-1.96	-1.94		ppb
Cadmium	108-1	0.12	0.04	0.20	0.12	66.53	ppb
Calcium	43-1	-13.08	-19.84	-0.37	-11.10		ppb
Calcium	44-1	17.57	17.92	15.02	16.84	9.43	ppb
Chromium	52-2	0.09	0.03	0.06	0.06	45.68	ppb
Cobalt	59-2	0.02	0.04	0.02	0.03	54.48	ppb
Copper	63-2	0.24	0.22	0.16	0.21	19.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.66	5.60	5.00	5.42	6.75	ppb
Iron	57-2	10.68	5.06	4.65	6.80	49.57	ppb
Lead	206-1	-0.01	0.02	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	-10.45	-8.39	-13.19	-10.68		ppb
Manganese	55-2	-0.06	0.09	0.03	0.02	406.54	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:33:10	DataFile Name :	037CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.18	0.15	0.19	22.45	ppb
Molybdenum	95-1	0.28	0.22	0.21	0.24	16.40	ppb
Molybdenum	96-1	0.25	0.21	0.24	0.24	8.70	ppb
Molybdenum	97-1	0.27	0.23	0.26	0.25	7.89	ppb
Molybdenum	98-1	0.25	0.21	0.25	0.24	11.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	-0.06	0.13	0.06	174.28	ppb
Phosphorus	31-2	5.26	-26.23	35.79	4.94	627.60	ppb
Potassium	39-2	36.49	3.69	13.30	17.83	94.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	-0.36	2.01	-0.36	0.43	315.56	ppb
Selenium	82-1	-0.88	0.06	-0.22	-0.35		ppb
Silicon	28-1	-18.96	-19.67	-20.08	-19.57		ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.07	ppb
Silver	107-1	0.02	0.35	0.03	0.13	138.29	ppb
Sodium	23-2	127.07	97.77	111.46	112.10	13.08	ppb
Strontium	86-1	0.08	-0.01	0.01	0.02	192.10	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	66.32	ppb
Sulfur	34-1	-2753.17	-2608.58	-2445.43	-2602.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.10	0.05	0.08	30.64	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	10.95	ppb
Tin	118-1	0.04	0.10	0.08	0.07	47.34	ppb
Titanium	47-1	0.07	-0.06	-0.02	0.00		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	40.89	ppb
Vanadium	51-2	0.02	0.03	-0.01	0.02	135.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.36	0.19	0.16	0.24	45.49	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	34.30	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:33:10	DataFile Name :	037CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.01	93.04	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.63	-0.17	-2.38	1.36	344.50	ppb
Antimony	121-1	0.09	0.08	0.09	0.08	8.24	ppb
Arsenic	75-2	-0.01	0.07	0.02	0.03	161.88	ppb
Barium	135-1	0.03	0.00	0.00	0.01	182.43	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.46	0.35	0.42	0.41	13.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.29	17.55	15.61	17.15	8.07	ppb
Boron	11-1	19.60	18.18	18.00	18.59	4.70	ppb
Cadmium	111-1	-0.08	-0.10	0.02	-0.05		ppb
Cadmium	106-1	-1.66	-1.75	-0.11	-1.18		ppb
Cadmium	108-1	0.17	0.00	0.12	0.10	89.56	ppb
Calcium	43-1	-15.69	-10.52	-6.55	-10.92		ppb
Calcium	44-1	11.28	8.23	10.66	10.06	16.03	ppb
Chromium	52-2	-0.05	-0.02	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.03	0.03	0.02	70.21	ppb
Copper	63-2	0.14	0.16	0.14	0.15	9.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.81	3.21	3.32	3.45	9.26	ppb
Iron	57-2	7.53	5.38	5.40	6.10	20.24	ppb
Lead	206-1	0.03	0.01	0.03	0.02	48.30	ppb
Lead	207-1	0.02	0.03	0.04	0.03	41.68	ppb
Lead	208-1	0.03	0.02	0.03	0.03	20.86	ppb
Lithium	6-1						%
Magnesium	24-2	1.77	-11.08	-11.04	-6.78		ppb
Manganese	55-2	0.15	0.17	0.08	0.13	37.07	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.09	0.10	0.13	42.60	ppb
Molybdenum	95-1	0.09	0.14	0.07	0.10	34.50	ppb
Molybdenum	96-1	0.12	0.10	0.07	0.10	24.18	ppb
Molybdenum	97-1	0.14	0.11	0.12	0.12	10.23	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	11.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.15	0.09	0.02	768.49	ppb
Phosphorus	31-2	37.49	-26.23	36.49	15.92	229.29	ppb
Potassium	39-2	15.20	-1.62	15.79	9.79	100.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	0.85	0.85	3.19	1.63	83.13	ppb
Selenium	82-1	0.40	-0.36	-0.93	-0.29		ppb
Silicon	28-1	-18.10	-21.94	-20.95	-20.33		ppb
Silver	109-1	0.01	0.02	0.02	0.02	46.62	ppb
Silver	107-1	0.02	0.01	0.01	0.01	44.57	ppb
Sodium	23-2	92.55	94.29	85.76	90.87	4.96	ppb
Strontium	86-1	0.02	0.03	0.07	0.04	61.51	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	73.10	ppb
Sulfur	34-1	-1885.53	-2266.61	-2319.43	-2157.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.03	0.04	0.04	25.84	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	11.34	ppb
Tin	118-1	0.02	-0.01	0.01	0.00	674.68	ppb
Titanium	47-1	-0.02	0.00	0.08	0.02	233.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.41	ppb
Vanadium	51-2	0.00	-0.01	0.03	0.01	242.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.16	0.20	0.15	37.55	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	49.27	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	41.97	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9706.62	9864.17	10324.96	9965.25	3.22	ppb
Antimony	121-1	487.66	486.37	493.05	489.03	0.72	ppb
Arsenic	75-2	500.78	502.84	499.13	500.92	0.37	ppb
Barium	135-1	2471.14	2476.83	2496.85	2481.61	0.54	ppb
Barium	137-1	2441.64	2450.64	2493.36	2461.88	1.12	ppb
Beryllium	9-1	483.45	472.86	481.93	479.42	1.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	471.96	464.27	478.99	471.74	1.56	ppb
Boron	11-1	464.32	469.62	480.66	471.53	1.77	ppb
Cadmium	111-1	487.56	483.31	483.54	484.80	0.49	ppb
Cadmium	106-1	476.54	480.92	483.20	480.22	0.71	ppb
Cadmium	108-1	481.25	481.85	486.40	483.16	0.58	ppb
Calcium	43-1	48463.60	47673.46	48363.58	48166.88	0.89	ppb
Calcium	44-1	48961.18	47670.02	48583.77	48404.99	1.37	ppb
Chromium	52-2	518.55	512.21	525.16	518.64	1.25	ppb
Cobalt	59-2	529.83	521.51	537.82	529.72	1.54	ppb
Copper	63-2	1053.21	1041.51	1070.19	1054.97	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26716.77	26162.56	26932.24	26603.86	1.49	ppb
Iron	57-2	26167.19	25852.99	26290.89	26103.69	0.86	ppb
Lead	206-1	497.95	504.36	498.46	500.26	0.71	ppb
Lead	207-1	497.77	502.85	499.83	500.15	0.51	ppb
Lead	208-1	496.26	501.84	498.88	499.00	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	51040.50	50564.75	51499.82	51035.02	0.92	ppb
Manganese	55-2	1038.10	1019.25	1035.74	1031.03	1.00	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2529.20	2479.08	2491.22	2499.83	1.05	ppb
Molybdenum	95-1	2522.02	2480.72	2531.93	2511.56	1.08	ppb
Molybdenum	96-1	2530.89	2501.14	2508.73	2513.59	0.62	ppb
Molybdenum	97-1	2516.81	2537.85	2505.54	2520.07	0.65	ppb
Molybdenum	98-1	2544.98	2482.72	2490.51	2506.07	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.47	526.40	538.68	531.85	1.18	ppb
Phosphorus	31-2	10541.22	11088.79	10244.48	10624.83	4.03	ppb
Potassium	39-2	25118.02	24821.22	25221.78	25053.68	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	452.97	582.94	477.93	504.62	13.67	ppb
Selenium	78-2	495.16	578.21	547.57	540.31	7.77	ppb
Selenium	82-1	500.42	485.71	496.16	494.09	1.53	ppb
Silicon	28-1	500.78	494.60	513.07	502.82	1.87	ppb
Silver	109-1	488.87	490.86	491.75	490.49	0.30	ppb
Silver	107-1	491.40	488.21	492.26	490.62	0.44	ppb
Sodium	23-2	52351.73	51600.00	53029.92	52327.21	1.37	ppb
Strontium	86-1	493.68	481.26	483.68	486.21	1.35	ppb
Strontium	88-1	496.49	493.26	497.54	495.76	0.45	ppb
Sulfur	34-1	7848.17	7140.36	7577.02	7521.85	4.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.94	497.25	496.35	497.85	0.38	ppb
Thallium	205-1	494.81	499.30	496.77	496.96	0.45	ppb
Tin	118-1	492.58	494.96	497.63	495.06	0.51	ppb
Titanium	47-1	2519.12	2456.45	2532.36	2502.64	1.62	ppb
Uranium	238-1	497.75	498.39	503.55	499.90	0.64	ppb
Vanadium	51-2	514.74	507.91	518.32	513.66	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.04	1049.96	1070.99	1060.00	1.00	ppb
Zirconium	90-1	503.54	492.51	503.10	499.72	1.25	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.20	476.39	483.75	482.45	1.14	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47779.10	48439.73	48264.13	48160.99	0.71	ppb
Antimony	121-1	33.11	32.59	33.11	32.94	0.90	ppb
Arsenic	75-2	135.35	135.69	134.39	135.14	0.50	ppb
Barium	135-1	2482.93	2467.37	2497.48	2482.59	0.61	ppb
Barium	137-1	2443.48	2430.76	2487.75	2454.00	1.22	ppb
Beryllium	9-1	5.08	4.85	5.06	5.00	2.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	100.56	102.36	102.46	101.80	1.05	ppb
Boron	11-1	100.94	101.75	101.78	101.49	0.47	ppb
Cadmium	111-1	13.88	13.29	13.80	13.66	2.32	ppb
Cadmium	106-1	21.15	19.18	20.28	20.21	4.87	ppb
Cadmium	108-1	17.51	18.16	18.73	18.13	3.37	ppb
Calcium	43-1	173585.93	176173.87	172498.95	174086.25	1.08	ppb
Calcium	44-1	170622.56	174270.86	171262.45	172051.96	1.13	ppb
Chromium	52-2	225.66	232.36	235.13	231.05	2.11	ppb
Cobalt	59-2	70.86	71.08	72.34	71.43	1.12	ppb
Copper	63-2	3841.55	3944.53	4012.84	3932.97	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	246851.55	250470.95	255317.86	250880.12	1.69	ppb
Iron	57-2	248995.61	253088.03	255501.00	252528.21	1.30	ppb
Lead	206-1	11145.72	11040.25	11139.17	11108.38	0.53	ppb
Lead	207-1	10459.51	10326.16	10372.92	10386.20	0.65	ppb
Lead	208-1	10889.34	10719.03	10776.54	10794.97	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	32454.11	32957.31	33525.06	32978.82	1.62	ppb
Manganese	55-2	1874.19	1903.95	1912.45	1896.86	1.06	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	91.15	90.04	92.74	91.31	1.49	ppb
Molybdenum	95-1	38.78	38.54	38.88	38.74	0.45	ppb
Molybdenum	96-1	45.71	45.14	46.34	45.73	1.31	ppb
Molybdenum	97-1	38.67	38.97	39.48	39.04	1.04	ppb
Molybdenum	98-1	38.95	38.47	39.23	38.88	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.54	243.07	249.44	242.68	2.87	ppb
Phosphorus	31-2	25665.53	25690.32	24402.26	25252.70	2.92	ppb
Potassium	39-2	7407.43	7419.58	7621.57	7482.86	1.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	114.24	154.24	120.79	129.76	16.53	ppb
Selenium	78-2	29.72	29.58	43.00	34.10	22.61	ppb
Selenium	82-1	11.31	11.99	11.74	11.68	2.95	ppb
Silicon	28-1	2761.62	2804.32	2396.39	2654.11	8.45	ppb
Silver	109-1	11.93	11.85	12.29	12.02	1.93	ppb
Silver	107-1	12.13	12.18	12.27	12.19	0.57	ppb
Sodium	23-2	30200.77	30829.91	30865.23	30631.97	1.22	ppb
Strontium	86-1	833.38	826.03	834.75	831.39	0.56	ppb
Strontium	88-1	822.37	822.41	826.38	823.72	0.28	ppb
Sulfur	34-1	98433.54	99194.23	100244.03	99290.60	0.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.44	1.31	1.32	1.36	5.17	ppb
Thallium	205-1	1.28	1.35	1.36	1.33	3.30	ppb
Tin	118-1	690.32	684.63	690.93	688.63	0.50	ppb
Titanium	47-1	1261.22	1336.47	1285.02	1294.24	2.97	ppb
Uranium	238-1	13.72	13.56	13.71	13.67	0.64	ppb
Vanadium	51-2	337.81	343.01	351.72	344.18	2.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3905.77	3968.62	4020.64	3965.01	1.45	ppb
Zirconium	90-1	42.00	41.68	42.91	42.19	1.51	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.39	40.71	41.49	41.19	1.03	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49614.38	46249.95	48294.43	48052.92	3.53	ppb
Antimony	121-1	33.20	33.90	34.25	33.78	1.59	ppb
Arsenic	75-2	133.18	138.25	139.51	136.98	2.45	ppb
Barium	135-1	2454.15	2504.89	2499.75	2486.26	1.12	ppb
Barium	137-1	2424.32	2478.68	2489.54	2464.18	1.42	ppb
Beryllium	9-1	5.12	5.00	5.08	5.07	1.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	93.03	92.35	88.26	91.22	2.83	ppb
Boron	11-1	91.42	93.06	92.72	92.40	0.93	ppb
Cadmium	111-1	13.72	13.79	13.86	13.79	0.51	ppb
Cadmium	106-1	21.53	19.84	21.80	21.06	5.04	ppb
Cadmium	108-1	16.86	18.79	18.34	18.00	5.60	ppb
Calcium	43-1	171725.44	171364.63	171594.22	171561.43	0.11	ppb
Calcium	44-1	168798.23	168609.27	170968.96	169458.82	0.77	ppb
Chromium	52-2	243.19	224.85	233.53	233.86	3.92	ppb
Cobalt	59-2	75.97	69.89	71.79	72.55	4.29	ppb
Copper	63-2	4014.53	3793.79	3923.97	3910.76	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	261785.80	242514.60	252760.74	252353.72	3.82	ppb
Iron	57-2	262823.86	243748.15	248818.19	251796.73	3.92	ppb
Lead	206-1	10995.46	11205.93	11160.06	11120.48	1.00	ppb
Lead	207-1	10365.92	10407.95	10356.81	10376.89	0.26	ppb
Lead	208-1	10705.79	10819.94	10790.15	10771.96	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	34338.14	31995.79	33172.58	33168.84	3.53	ppb
Manganese	55-2	1970.32	1842.36	1909.45	1907.37	3.36	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	93.30	92.36	95.45	93.70	1.69	ppb
Molybdenum	95-1	39.06	38.85	39.00	38.97	0.28	ppb
Molybdenum	96-1	46.12	45.92	45.74	45.92	0.41	ppb
Molybdenum	97-1	39.65	38.89	38.56	39.03	1.43	ppb
Molybdenum	98-1	39.33	39.44	39.24	39.33	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.39	235.00	240.56	243.65	4.33	ppb
Phosphorus	31-2	26279.17	24326.56	26155.26	25587.00	4.27	ppb
Potassium	39-2	7732.53	7328.04	7702.29	7587.62	2.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	194.45	145.48	168.99	169.64	14.44	ppb
Selenium	78-2	28.68	28.99	27.16	28.28	3.46	ppb
Selenium	82-1	12.54	10.89	11.26	11.56	7.51	ppb
Silicon	28-1	2773.37	2709.22	2677.55	2720.05	1.79	ppb
Silver	109-1	12.36	12.48	12.36	12.40	0.57	ppb
Silver	107-1	12.29	12.50	12.49	12.43	0.95	ppb
Sodium	23-2	32541.71	29536.71	30692.58	30923.67	4.90	ppb
Strontium	86-1	831.76	840.73	840.02	837.50	0.60	ppb
Strontium	88-1	832.07	834.44	829.02	831.84	0.33	ppb
Sulfur	34-1	98925.40	97648.70	97827.56	98133.89	0.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.25	1.23	1.18	1.22	2.96	ppb
Thallium	205-1	1.27	1.31	1.28	1.29	1.68	ppb
Tin	118-1	685.22	695.69	704.04	694.98	1.36	ppb
Titanium	47-1	1282.44	1269.38	1279.29	1277.03	0.53	ppb
Uranium	238-1	13.53	13.61	13.53	13.56	0.33	ppb
Vanadium	51-2	359.07	336.33	348.27	347.89	3.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4093.21	3784.56	3952.86	3943.54	3.92	ppb
Zirconium	90-1	45.58	42.59	41.92	43.36	4.49	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	44.16	40.89	41.94	42.33	3.95	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9493.08	9715.54	9700.38	9636.33	1.29	ppb
Antimony	121-1	6.45	6.58	6.70	6.58	1.94	ppb
Arsenic	75-2	30.87	29.90	30.02	30.26	1.75	ppb
Barium	135-1	458.93	466.79	467.94	464.55	1.06	ppb
Barium	137-1	455.69	465.85	468.26	463.27	1.44	ppb
Beryllium	9-1	1.06	1.33	1.37	1.25	13.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.20	29.49	27.59	27.76	5.95	ppb
Boron	11-1	28.77	30.41	30.52	29.90	3.28	ppb
Cadmium	111-1	2.53	2.93	2.86	2.77	7.68	ppb
Cadmium	106-1	2.45	3.77	4.00	3.41	24.64	ppb
Cadmium	108-1	4.24	3.15	3.46	3.62	15.54	ppb
Calcium	43-1	33783.53	34635.83	34050.75	34156.70	1.28	ppb
Calcium	44-1	34077.59	35107.88	34597.35	34594.28	1.49	ppb
Chromium	52-2	46.72	46.75	47.60	47.02	1.06	ppb
Cobalt	59-2	14.83	14.87	15.14	14.95	1.14	ppb
Copper	63-2	789.81	790.42	805.98	795.41	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51085.27	50942.53	52196.08	51407.96	1.33	ppb
Iron	57-2	49879.91	50017.46	50890.77	50262.72	1.09	ppb
Lead	206-1	2305.56	2365.48	2323.69	2331.58	1.32	ppb
Lead	207-1	2142.44	2188.48	2153.49	2161.47	1.11	ppb
Lead	208-1	2232.91	2274.84	2235.78	2247.84	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	6639.31	6887.68	6865.00	6797.33	2.02	ppb
Manganese	55-2	388.53	382.05	386.63	385.74	0.86	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	20.12	20.11	20.25	20.16	0.38	ppb
Molybdenum	95-1	8.26	8.54	8.70	8.50	2.60	ppb
Molybdenum	96-1	9.96	10.13	10.54	10.21	2.93	ppb
Molybdenum	97-1	8.84	9.17	8.95	8.99	1.90	ppb
Molybdenum	98-1	8.60	8.55	8.85	8.67	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.51	50.39	52.65	50.52	4.10	ppb
Phosphorus	31-2	4642.24	4145.71	5997.15	4928.37	19.44	ppb
Potassium	39-2	1522.88	1474.61	1572.35	1523.28	3.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	54.79	29.72	42.25	42.25	29.66	ppb
Selenium	78-2	5.09	4.03	8.37	5.83	38.85	ppb
Selenium	82-1	2.01	3.24	2.36	2.53	24.95	ppb
Silicon	28-1	610.68	635.80	514.10	586.86	10.95	ppb
Silver	109-1	2.40	2.40	2.53	2.44	3.02	ppb
Silver	107-1	2.36	2.52	2.42	2.43	3.37	ppb
Sodium	23-2	6109.52	6078.77	6167.17	6118.49	0.73	ppb
Strontium	86-1	178.77	182.11	182.37	181.08	1.11	ppb
Strontium	88-1	188.27	188.49	191.06	189.27	0.82	ppb
Sulfur	34-1	21515.43	22362.79	21697.55	21858.59	2.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.28	0.27	0.27	3.60	ppb
Thallium	205-1	0.23	0.27	0.30	0.27	12.51	ppb
Tin	118-1	128.65	129.64	130.20	129.50	0.60	ppb
Titanium	47-1	258.44	260.39	254.14	257.66	1.24	ppb
Uranium	238-1	2.72	2.77	2.72	2.74	0.96	ppb
Vanadium	51-2	69.48	68.37	70.17	69.34	1.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	804.86	828.16	833.42	822.15	1.85	ppb
Zirconium	90-1	9.24	9.25	9.21	9.23	0.22	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	8.72	9.53	9.10	9.12	4.47	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74662.15	70311.83	69570.96	71514.98	3.85	ppb
Antimony	121-1	419.12	418.08	417.53	418.24	0.19	ppb
Arsenic	75-2	550.23	505.98	515.38	523.87	4.45	ppb
Barium	135-1	4626.40	4645.21	4666.45	4646.02	0.43	ppb
Barium	137-1	4602.60	4669.70	4678.68	4650.33	0.89	ppb
Beryllium	9-1	514.37	509.35	501.31	508.34	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	593.10	586.16	601.37	593.54	1.28	ppb
Boron	11-1	577.79	589.71	585.55	584.35	1.04	ppb
Cadmium	111-1	493.88	492.36	491.46	492.57	0.25	ppb
Cadmium	106-1	486.70	486.24	483.05	485.33	0.41	ppb
Cadmium	108-1	487.81	493.23	499.03	493.36	1.14	ppb
Calcium	43-1	198959.61	197551.72	200341.76	198951.03	0.70	ppb
Calcium	44-1	195357.92	194842.95	195580.67	195260.51	0.19	ppb
Chromium	52-2	1023.50	964.56	947.79	978.62	4.06	ppb
Cobalt	59-2	608.50	573.13	566.02	582.55	3.91	ppb
Copper	63-2	6007.49	5647.52	5532.78	5729.26	4.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	265280.96	246966.72	241889.84	251379.17	4.89	ppb
Iron	57-2	268943.73	247009.57	245408.33	253787.21	5.18	ppb
Lead	206-1	10183.18	10310.94	10088.56	10194.23	1.09	ppb
Lead	207-1	9461.58	9644.26	9379.38	9495.07	1.43	ppb
Lead	208-1	9867.64	9976.70	9801.42	9881.92	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	93242.83	87165.72	85459.16	88622.57	4.62	ppb
Manganese	55-2	3145.77	2947.16	2909.04	3000.66	4.24	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2008.56	2009.87	2044.56	2021.00	1.01	ppb
Molybdenum	95-1	2080.35	2062.13	2105.26	2082.58	1.04	ppb
Molybdenum	96-1	2065.25	2075.97	2087.33	2076.18	0.53	ppb
Molybdenum	97-1	2081.05	2092.65	2113.32	2095.67	0.78	ppb
Molybdenum	98-1	2081.07	2076.53	2124.83	2094.14	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1018.66	960.92	952.51	977.36	3.68	ppb
Phosphorus	31-2	12918.12	12543.84	13504.75	12988.90	3.73	ppb
Potassium	39-2	34399.58	32512.91	31805.51	32906.00	4.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.16	540.16	531.43	513.92	7.42	ppb
Selenium	78-2	435.13	424.62	406.01	421.92	3.50	ppb
Selenium	82-1	396.28	396.59	400.77	397.88	0.63	ppb
Silicon	28-1	5583.79	5864.18	10190.12	7212.70	35.80	ppb
Silver	109-1	67.23	66.32	68.10	67.21	1.32	ppb
Silver	107-1	66.86	68.68	67.65	67.73	1.35	ppb
Sodium	23-2	83707.21	78935.33	77047.29	79896.61	4.30	ppb
Strontium	86-1	1175.88	1164.24	1164.09	1168.07	0.58	ppb
Strontium	88-1	1156.50	1158.72	1156.13	1157.12	0.12	ppb
Sulfur	34-1	63717.22	62881.80	62345.05	62981.36	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	460.64	470.11	457.45	462.73	1.42	ppb
Thallium	205-1	452.37	461.95	452.05	455.46	1.24	ppb
Tin	118-1	1409.11	1434.31	1432.12	1425.18	0.98	ppb
Titanium	47-1	3832.59	3802.15	3838.64	3824.46	0.51	ppb
Uranium	238-1	463.08	467.55	463.95	464.86	0.51	ppb
Vanadium	51-2	880.84	824.41	809.89	838.38	4.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5155.33	4840.74	4799.92	4932.00	3.94	ppb
Zirconium	90-1	377.71	373.45	374.64	375.27	0.59	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	361.12	357.57	361.89	360.19	0.64	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68746.27	66435.50	70871.17	68684.31	3.23	ppb
Antimony	121-1	435.66	426.76	432.56	431.66	1.05	ppb
Arsenic	75-2	545.76	565.39	555.00	555.38	1.77	ppb
Barium	135-1	5209.61	5172.78	5132.02	5171.47	0.75	ppb
Barium	137-1	5201.26	5135.37	5132.91	5156.51	0.75	ppb
Beryllium	9-1	519.62	516.91	513.95	516.83	0.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	611.31	621.52	619.63	617.49	0.88	ppb
Boron	11-1	601.00	608.71	611.75	607.15	0.91	ppb
Cadmium	111-1	503.97	504.45	503.57	504.00	0.09	ppb
Cadmium	106-1	500.29	504.42	495.68	500.13	0.87	ppb
Cadmium	108-1	508.77	516.73	501.38	508.96	1.51	ppb
Calcium	43-1	215984.86	214646.86	216237.93	215623.22	0.40	ppb
Calcium	44-1	214767.43	216086.33	214124.92	214992.90	0.47	ppb
Chromium	52-2	746.83	731.04	782.98	753.62	3.53	ppb
Cobalt	59-2	565.19	553.93	586.87	568.66	2.94	ppb
Copper	63-2	11962.72	11736.42	12475.99	12058.38	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	235032.69	226370.69	243061.13	234821.50	3.55	ppb
Iron	57-2	232434.11	229633.72	243019.17	235029.00	3.00	ppb
Lead	206-1	15820.49	15992.69	15766.06	15859.75	0.75	ppb
Lead	207-1	14589.73	14622.62	14443.35	14551.90	0.66	ppb
Lead	208-1	15139.33	15315.72	15128.11	15194.38	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	83335.82	79618.87	85560.45	82838.38	3.62	ppb
Manganese	55-2	3042.05	2954.44	3144.10	3046.86	3.12	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2030.93	2022.91	2025.45	2026.43	0.20	ppb
Molybdenum	95-1	2085.23	2079.77	2099.64	2088.21	0.49	ppb
Molybdenum	96-1	2087.06	2075.53	2079.55	2080.72	0.28	ppb
Molybdenum	97-1	2100.48	2077.65	2103.64	2093.92	0.68	ppb
Molybdenum	98-1	2102.03	2081.38	2093.44	2092.29	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	767.32	751.05	803.56	773.98	3.47	ppb
Phosphorus	31-2	18123.90	16731.19	18399.68	17751.59	5.04	ppb
Potassium	39-2	31779.00	31012.46	33127.66	31973.04	3.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	557.47	556.14	620.03	577.88	6.32	ppb
Selenium	78-2	468.91	449.29	467.25	461.82	2.36	ppb
Selenium	82-1	416.75	408.40	409.57	411.57	1.10	ppb
Silicon	28-1	6658.11	6650.32	6462.74	6590.39	1.68	ppb
Silver	109-1	85.27	85.55	84.51	85.11	0.63	ppb
Silver	107-1	85.78	86.53	85.75	86.02	0.51	ppb
Sodium	23-2	78678.67	76333.78	82017.00	79009.82	3.61	ppb
Strontium	86-1	1296.44	1275.70	1264.58	1278.91	1.26	ppb
Strontium	88-1	1265.15	1267.86	1268.48	1267.16	0.14	ppb
Sulfur	34-1	75255.98	74374.02	74804.62	74811.54	0.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	461.03	470.04	460.06	463.71	1.19	ppb
Thallium	205-1	455.68	462.41	455.13	457.74	0.89	ppb
Tin	118-1	2322.00	2319.27	2310.53	2317.27	0.26	ppb
Titanium	47-1	3992.23	3945.70	3931.98	3956.63	0.80	ppb
Uranium	238-1	469.35	471.19	467.58	469.37	0.38	ppb
Vanadium	51-2	844.37	824.79	880.07	849.74	3.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4947.83	4850.17	5171.35	4989.78	3.30	ppb
Zirconium	90-1	373.82	369.94	369.86	371.21	0.61	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	359.77	355.51	356.72	357.33	0.61	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01A	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:57:57	DataFile Name :	045SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67831.98	69233.93	68633.29	68566.40	1.03	ppb
Antimony	121-1	429.32	429.15	429.13	429.20	0.02	ppb
Arsenic	75-2	527.91	533.31	532.71	531.31	0.56	ppb
Barium	135-1	4893.18	4971.55	4962.52	4942.42	0.87	ppb
Barium	137-1	4905.44	4925.37	4974.98	4935.26	0.73	ppb
Beryllium	9-1	509.77	515.46	506.72	510.65	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	601.46	624.47	612.51	612.81	1.88	ppb
Boron	11-1	593.29	610.07	618.12	607.16	2.09	ppb
Cadmium	111-1	501.45	499.84	503.24	501.51	0.34	ppb
Cadmium	106-1	489.73	496.31	492.28	492.77	0.67	ppb
Cadmium	108-1	497.62	497.87	508.78	501.42	1.27	ppb
Calcium	43-1	206146.01	207960.13	207072.78	207059.64	0.44	ppb
Calcium	44-1	206070.00	205986.19	205614.78	205890.32	0.12	ppb
Chromium	52-2	832.62	851.15	848.73	844.17	1.19	ppb
Cobalt	59-2	545.54	564.54	560.11	556.73	1.79	ppb
Copper	63-2	8471.88	8828.57	8765.33	8688.60	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	231646.02	241213.23	238685.98	237181.74	2.09	ppb
Iron	57-2	236801.46	239013.29	237828.58	237881.11	0.47	ppb
Lead	206-1	13070.73	12933.83	12904.21	12969.59	0.68	ppb
Lead	207-1	11999.86	12041.63	12063.57	12035.02	0.27	ppb
Lead	208-1	12543.22	12528.94	12491.50	12521.22	0.21	ppb
Lithium	6-1						%
Magnesium	24-2	81449.16	82270.01	84020.54	82579.91	1.59	ppb
Manganese	55-2	2890.35	2979.11	2963.78	2944.41	1.61	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01A	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:57:57	DataFile Name :	045SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2033.75	2021.99	2023.34	2026.36	0.32	ppb
Molybdenum	95-1	2079.54	2080.84	2082.98	2081.12	0.08	ppb
Molybdenum	96-1	2087.12	2036.59	2060.86	2061.52	1.23	ppb
Molybdenum	97-1	2126.64	2080.46	2115.48	2107.53	1.14	ppb
Molybdenum	98-1	2102.17	2081.79	2089.43	2091.13	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	834.67	860.55	859.40	851.54	1.72	ppb
Phosphorus	31-2	13786.70	13941.57	13962.90	13897.06	0.69	ppb
Potassium	39-2	30808.83	31594.78	31420.32	31274.64	1.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	594.33	675.24	585.53	618.37	8.00	ppb
Selenium	78-2	438.76	441.85	472.61	451.07	4.15	ppb
Selenium	82-1	407.64	397.77	397.61	401.00	1.43	ppb
Silicon	28-1	6161.41	6193.83	5971.78	6109.01	1.96	ppb
Silver	109-1	74.56	74.34	75.10	74.67	0.52	ppb
Silver	107-1	75.71	75.16	75.65	75.51	0.40	ppb
Sodium	23-2	77012.01	78657.99	77632.91	77767.64	1.07	ppb
Strontium	86-1	1224.93	1222.36	1208.16	1218.48	0.74	ppb
Strontium	88-1	1218.33	1206.84	1204.26	1209.81	0.62	ppb
Sulfur	34-1	70533.73	68325.64	69378.84	69412.74	1.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	460.68	458.29	454.72	457.90	0.65	ppb
Thallium	205-1	456.57	453.78	456.05	455.46	0.33	ppb
Tin	118-1	1874.06	1879.86	1895.19	1883.04	0.58	ppb
Titanium	47-1	3895.09	3904.13	3884.94	3894.72	0.25	ppb
Uranium	238-1	465.63	468.46	464.82	466.30	0.41	ppb
Vanadium	51-2	810.37	830.70	825.94	822.34	1.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4735.31	4877.53	4903.55	4838.80	1.87	ppb
Zirconium	90-1	380.32	372.07	370.45	374.28	1.41	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01A	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:57:57	DataFile Name :	045SMPL_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	359.35	354.18	355.45	356.33	0.76	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:00:57	DataFile Name :	046CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48782.41	49598.28	49333.79	49238.16	0.85	ppb
Antimony	121-1	598.13	605.91	607.10	603.71	0.81	ppb
Arsenic	75-2	504.26	502.38	501.15	502.59	0.31	ppb
Barium	135-1	2551.27	2544.32	2567.05	2554.22	0.46	ppb
Barium	137-1	2509.99	2541.20	2533.17	2528.12	0.64	ppb
Beryllium	9-1	520.13	522.58	516.29	519.67	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	528.35	546.13	541.92	538.80	1.72	ppb
Boron	11-1	529.46	537.66	542.82	536.65	1.26	ppb
Cadmium	111-1	477.13	484.57	479.53	480.41	0.79	ppb
Cadmium	106-1	474.44	481.46	476.70	477.53	0.75	ppb
Cadmium	108-1	484.08	486.63	484.47	485.06	0.28	ppb
Calcium	43-1	251351.87	247450.98	248906.09	249236.31	0.79	ppb
Calcium	44-1	248927.69	246626.38	252173.14	249242.40	1.12	ppb
Chromium	52-2	520.50	531.12	524.05	525.22	1.03	ppb
Cobalt	59-2	519.85	526.40	521.10	522.45	0.67	ppb
Copper	63-2	1012.99	1032.21	1026.60	1023.93	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129423.69	131229.27	130158.28	130270.41	0.70	ppb
Iron	57-2	126626.91	129018.19	127697.17	127780.76	0.94	ppb
Lead	206-1	527.22	529.52	525.57	527.44	0.38	ppb
Lead	207-1	520.76	523.15	522.13	522.02	0.23	ppb
Lead	208-1	525.93	523.50	524.92	524.78	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	252984.46	255303.84	254928.37	254405.56	0.49	ppb
Manganese	55-2	1021.20	1032.56	1034.55	1029.43	0.70	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:00:57	DataFile Name :	046CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2591.34	2581.18	2591.29	2587.93	0.23	ppb
Molybdenum	95-1	2579.45	2585.83	2553.46	2572.91	0.67	ppb
Molybdenum	96-1	2566.60	2554.24	2534.72	2551.85	0.63	ppb
Molybdenum	97-1	2596.61	2573.46	2586.61	2585.56	0.45	ppb
Molybdenum	98-1	2600.51	2567.71	2547.85	2572.02	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.02	526.33	513.15	519.83	1.27	ppb
Phosphorus	31-2	9734.97	10612.51	9208.06	9851.85	7.20	ppb
Potassium	39-2	125713.91	128186.53	127375.12	127091.85	0.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	518.21	554.70	482.12	518.34	7.00	ppb
Selenium	78-2	500.82	491.75	515.09	502.56	2.34	ppb
Selenium	82-1	499.88	495.96	494.61	496.82	0.55	ppb
Silicon	28-1	508.69	495.07	509.50	504.42	1.61	ppb
Silver	109-1	486.48	492.38	495.36	491.41	0.92	ppb
Silver	107-1	484.60	492.78	492.61	490.00	0.95	ppb
Sodium	23-2	251739.03	254732.95	254771.11	253747.70	0.69	ppb
Strontium	86-1	509.81	508.56	511.74	510.04	0.31	ppb
Strontium	88-1	524.88	522.32	523.50	523.56	0.24	ppb
Sulfur	34-1	7260.87	6995.42	7337.59	7197.96	2.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.04	519.96	522.31	520.77	0.26	ppb
Thallium	205-1	521.22	514.33	513.62	516.39	0.81	ppb
Tin	118-1	501.90	503.36	504.87	503.38	0.29	ppb
Titanium	47-1	2604.86	2566.75	2601.26	2590.96	0.81	ppb
Uranium	238-1	530.52	538.66	534.77	534.65	0.76	ppb
Vanadium	51-2	518.13	524.62	517.80	520.18	0.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1028.05	1045.70	1044.80	1039.51	0.96	ppb
Zirconium	90-1	515.86	517.48	521.51	518.29	0.56	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:00:57	DataFile Name :	046CCV_P8011218-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.93	498.62	496.41	498.32	0.36	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.24	-0.19	-0.22		ppb
Antimony	121-1	0.05	0.07	0.09	0.07	28.79	ppb
Arsenic	75-2	-0.06	-0.04	-0.04	-0.05		ppb
Barium	135-1	0.04	0.03	0.01	0.03	43.39	ppb
Barium	137-1	0.02	0.02	0.00	0.01	114.42	ppb
Beryllium	9-1	0.47	0.41	0.28	0.39	25.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.27	10.16	13.74	12.39	15.69	ppb
Boron	11-1	12.44	12.31	11.79	12.18	2.79	ppb
Cadmium	111-1	0.00	-0.08	-0.08	-0.05		ppb
Cadmium	106-1	-0.20	-1.28	-1.34	-0.94		ppb
Cadmium	108-1	0.17	0.13	0.00	0.10	89.01	ppb
Calcium	43-1	-8.17	-8.26	-4.31	-6.91		ppb
Calcium	44-1	-5.27	-6.43	-6.13	-5.94		ppb
Chromium	52-2	0.13	0.12	-0.02	0.08	111.09	ppb
Cobalt	59-2	0.03	0.02	0.04	0.03	35.08	ppb
Copper	63-2	0.12	0.11	0.12	0.12	4.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.60	8.09	7.72	7.47	10.43	ppb
Iron	57-2	4.53	9.50	10.41	8.15	38.83	ppb
Lead	206-1	0.66	0.66	0.58	0.64	7.17	ppb
Lead	207-1	0.57	0.60	0.59	0.59	3.04	ppb
Lead	208-1	0.62	0.61	0.60	0.61	2.33	ppb
Lithium	6-1						%
Magnesium	24-2	2.93	0.31	-6.33	-1.03		ppb
Manganese	55-2	0.14	0.07	0.10	0.10	34.56	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.06	0.06	17.87	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	14.55	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	20.44	ppb
Molybdenum	97-1	0.03	0.07	0.08	0.06	37.31	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.14	-0.07	-0.07		ppb
Phosphorus	31-2	-26.23	-26.23	4.67	-15.93		ppb
Potassium	39-2	5.45	9.88	35.94	17.09	96.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.08	-2.08	-2.08	-2.08		ppb
Selenium	78-2	0.83	-0.36	-0.36	0.04	1742.25	ppb
Selenium	82-1	-0.20	0.59	0.14	0.17	228.92	ppb
Silicon	28-1	-23.78	-22.56	-1.85	-16.06		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	75.99	ppb
Sodium	23-2	43.19	44.67	57.17	48.35	15.89	ppb
Strontium	86-1	0.06	0.03	0.09	0.06	56.10	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	25.95	ppb
Sulfur	34-1	-3152.42	-2829.96	-3127.54	-3036.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.04	0.03	26.62	ppb
Thallium	205-1	0.02	0.04	0.04	0.03	45.69	ppb
Tin	118-1	0.02	0.03	0.05	0.03	45.91	ppb
Titanium	47-1	-0.04	-0.10	-0.06	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	85.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.15	0.39	0.24	51.25	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.35	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.01	88.36	ppb

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	0	11	114.58	cps
Antimony	121-1	58	92	83	78	22.30	cps
Arsenic	75-2	4	2	9	5	78.12	cps
Barium	135-1	8	17	33	19	65.47	cps
Barium	137-1	67	58	17	47	56.72	cps
Beryllium	9-1	78	72	100	83	17.64	cps
Bismuth	209-1	3391039	3424185	3371186	3395470	0.79	cps
Bismuth	209-2	886637	873535	881878	880683	0.75	cps
Boron	10-1	117	125	142	128	9.96	cps
Boron	11-1	608	583	667	619	6.90	cps
Cadmium	111-1	755	510	720	662	20.03	cps
Cadmium	106-1	1067	717	1017	933	20.28	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	1192	983	992	1056	11.17	cps
Calcium	44-1	17378	17311	17136	17275	0.72	cps
Chromium	52-2	293	287	270	283	4.24	cps
Cobalt	59-2	60	33	40	44	31.23	cps
Copper	63-2	100	127	113	113	11.77	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	25	22	57.30	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5192633	5095330	5199844	5162602	1.13	cps
Holmium	165-2	1083633	1075343	1080263	1079747	0.39	cps
Indium	115-1	4193903	4205904	4212159	4203989	0.22	cps
Indium	115-2	188866	185912	189911	188230	1.10	cps
Iron	56-2	1078	1283	1239	1200	9.01	cps
Iron	57-2	22	67	28	39	62.27	cps
Lead	206-1	339	228	328	298	20.53	cps
Lead	207-1	250	261	194	235	15.19	cps
Lead	208-1	1133	1067	1117	1106	3.14	cps
Lithium	6-1	684453	696928	689278	690220	0.91	cps
Magnesium	24-2	833	800	808	814	2.13	cps
Manganese	55-2	23	20	27	23	14.29	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	142	108	119	16.11	cps
Molybdenum	95-1	25	58	67	50	44.10	cps
Molybdenum	96-1	58	67	33	53	32.88	cps
Molybdenum	97-1	25	83	42	50	60.09	cps
Molybdenum	98-1	58	117	83	86	33.98	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	327	290	322	9.39	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2792	2450	2517	2586	7.00	cps
Rhodium	103-1	3924455	3977458	3947337	3949750	0.67	cps
Rhodium	103-2	1035325	1023301	1034645	1031090	0.66	cps
Scandium	45-1	2415171	2406546	2443997	2421904	0.81	cps
Scandium	45-2	21417	20849	20779	21015	1.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	17	-11	0	2	759.99	cps
Silicon	28-1	446709	444122	441105	443979	0.63	cps
Silver	109-1	25	42	58	42	40.00	cps
Silver	107-1	92	75	50	72	29.04	cps
Sodium	23-2	12014	11330	11230	11525	3.70	cps
Strontium	86-1	417	358	408	394	8.00	cps
Strontium	88-1	142	75	75	97	39.60	cps
Sulfur	34-1	398035	399028	398862	398642	0.13	cps
Terbium	159-1	5294927	5296903	5322568	5304800	0.29	cps
Terbium	159-2	1044930	1035109	1046720	1042253	0.60	cps
Thallium	203-1	325	217	350	297	23.85	cps
Thallium	205-1	850	833	883	856	2.98	cps
Tin	118-1	442	517	525	494	9.28	cps
Titanium	47-1	142	150	150	147	3.27	cps
Uranium	238-1	42	75	108	75	44.44	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	4425684	4409596	4428892	4421391	0.23	cps
Yttrium	89-2	142615	141396	142356	142122	0.45	cps
Zinc	66-2	30	7	10	16	81.11	cps
Zirconium	90-1	200	267	233	233	14.29	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:41:10	DataFile Name :	003CALB_P8011218-MS

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

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	83	92	24.05	cps
Antimony	121-1	11439	12698	12440	12192	5.46	cps
Arsenic	75-2	104	83	94	94	10.88	cps
Barium	135-1	12657	12290	12640	12529	1.65	cps
Barium	137-1	21568	21543	22103	21738	1.45	cps
Beryllium	9-1	933	861	933	909	4.59	cps
Bismuth	209-1	3341889	3344075	3328182	3338049	0.26	cps
Bismuth	209-2	873705	871186	861597	868829	0.74	cps
Boron	10-1	2284	2225	2625	2378	9.09	cps
Boron	11-1	10354	10354	10763	10490	2.25	cps
Cadmium	111-1	1843	1710	1775	1776	3.75	cps
Cadmium	106-1	917	767	883	856	9.21	cps
Cadmium	108-1	88	104	92	94	9.19	cps
Calcium	43-1	7219	7027	6860	7035	2.55	cps
Calcium	44-1	117405	117312	118076	117598	0.35	cps
Chromium	52-2	1327	1407	1463	1399	4.91	cps
Cobalt	59-2	1290	1213	1247	1250	3.08	cps
Copper	63-2	2140	2134	2090	2121	1.28	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5162343	5170722	5048729	5127264	1.33	cps
Holmium	165-2	1084890	1075353	1057321	1072522	1.31	cps
Indium	115-1	4173694	4227749	4154051	4185165	0.91	cps
Indium	115-2	189200	185862	186120	187061	0.99	cps
Iron	56-2	19870	20104	20376	20117	1.26	cps
Iron	57-2	444	444	561	483	13.94	cps
Lead	206-1	4179	3834	4301	4105	5.90	cps
Lead	207-1	3806	3628	3767	3734	2.50	cps
Lead	208-1	16660	16205	16922	16595	2.19	cps
Lithium	6-1	686776	686943	680162	684627	0.56	cps
Magnesium	24-2	10921	11205	11088	11071	1.29	cps
Manganese	55-2	157	223	210	197	17.94	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9962	10204	10346	10171	1.91	cps
Molybdenum	95-1	12656	12089	11789	12178	3.62	cps
Molybdenum	96-1	13799	13599	14291	13897	2.56	cps
Molybdenum	97-1	7436	7502	7502	7480	0.51	cps
Molybdenum	98-1	19882	19607	19682	19724	0.72	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	620	713	750	694	9.65	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	8695	8119	8545	8453	3.53	cps
Rhodium	103-1	3912430	3872717	3860435	3881861	0.70	cps
Rhodium	103-2	1031027	1021790	1015468	1022762	0.77	cps
Scandium	45-1	2398863	2410170	2374756	2394596	0.76	cps
Scandium	45-2	20195	20585	19884	20221	1.74	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	13	4	11	9	52.94	cps
Selenium	82-1	415	415	357	395	8.43	cps
Silicon	28-1	483962	482199	483875	483345	0.21	cps
Silver	109-1	6010	6235	6035	6093	2.03	cps
Silver	107-1	6102	6318	6227	6216	1.75	cps
Sodium	23-2	35278	34902	34978	35053	0.57	cps
Strontium	86-1	2059	1867	2350	2092	11.64	cps
Strontium	88-1	14508	14275	14008	14264	1.76	cps
Sulfur	34-1	398764	395542	396351	396886	0.42	cps
Terbium	159-1	5321869	5303835	5286509	5304071	0.33	cps
Terbium	159-2	1044973	1032497	1023246	1033572	1.05	cps
Thallium	203-1	5118	5151	4609	4960	6.12	cps
Thallium	205-1	11756	11722	11189	11556	2.75	cps
Tin	118-1	20616	20483	20308	20469	0.76	cps
Titanium	47-1	2950	3459	3301	3237	8.04	cps
Uranium	238-1	14175	14334	14701	14403	1.87	cps
Vanadium	51-2	2004	2127	2030	2054	3.16	cps
Yttrium	89-1	4432918	4435226	4376013	4414719	0.76	cps
Yttrium	89-2	141942	139719	138594	140085	1.22	cps
Zinc	66-2	253	217	213	228	9.74	cps
Zirconium	90-1	8903	9128	8161	8731	5.80	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:47:56	DataFile Name :	005CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1992	1992	1792	1925	6.00	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4192	4576	4326	4365	4.46	cps
Antimony	121-1	332805	334380	331425	332870	0.44	cps
Arsenic	75-2	4084	3991	3801	3959	3.65	cps
Barium	135-1	352347	351278	348688	350771	0.54	cps
Barium	137-1	602852	607658	599468	603326	0.68	cps
Beryllium	9-1	45679	44882	46113	45558	1.37	cps
Bismuth	209-1	3387452	3391211	3391061	3389908	0.06	cps
Bismuth	209-2	840284	851162	870766	854071	1.81	cps
Boron	10-1	5168	5026	5235	5143	2.07	cps
Boron	11-1	23553	23537	24146	23745	1.46	cps
Cadmium	111-1	71822	71334	70826	71328	0.70	cps
Cadmium	106-1	8353	8461	7853	8222	3.95	cps
Cadmium	108-1	5076	5134	4922	5044	2.18	cps
Calcium	43-1	70336	70796	70268	70466	0.41	cps
Calcium	44-1	1142094	1144759	1132858	1139904	0.55	cps
Chromium	52-2	30133	30072	30179	30128	0.18	cps
Cobalt	59-2	65138	64713	64096	64649	0.81	cps
Copper	63-2	111603	110472	110210	110761	0.67	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	25	67	42	44	47.19	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5168391	5138118	5119336	5141948	0.48	cps
Holmium	165-2	1038662	1053308	1071515	1054495	1.56	cps
Indium	115-1	4244518	4097738	4198372	4180209	1.80	cps
Indium	115-2	177690	181849	183739	181093	1.71	cps
Iron	56-2	1018825	1009935	1013390	1014050	0.44	cps
Iron	57-2	25251	25674	24856	25260	1.62	cps
Lead	206-1	204916	205301	208423	206213	0.93	cps
Lead	207-1	185784	184598	185869	185417	0.38	cps
Lead	208-1	832436	833139	838055	834544	0.37	cps
Lithium	6-1	686650	683865	681691	684069	0.36	cps
Magnesium	24-2	108856	109669	110241	109589	0.64	cps
Manganese	55-2	17615	17598	17281	17498	1.07	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	549122	554166	544323	549204	0.90	cps
Molybdenum	95-1	670299	674712	669869	671626	0.40	cps
Molybdenum	96-1	749142	744938	742768	745616	0.43	cps
Molybdenum	97-1	421090	419173	412125	417463	1.13	cps
Molybdenum	98-1	1068991	1080203	1060751	1069982	0.91	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	19300	19354	18543	19066	2.38	cps
Phosphorus	31-2	383	333	450	389	15.05	cps
Potassium	39-2	35120	35437	33725	34761	2.62	cps
Rhodium	103-1	3865003	3899390	3833004	3865799	0.86	cps
Rhodium	103-2	977500	996297	1013627	995808	1.81	cps
Scandium	45-1	2406534	2395833	2382845	2395071	0.50	cps
Scandium	45-2	18916	19470	20035	19474	2.87	cps
Selenium	77-2	20	27	23	23	14.29	cps
Selenium	78-2	100	87	104	97	9.03	cps
Selenium	82-1	4520	4584	4494	4533	1.03	cps
Silicon	28-1	599622	606567	606261	604150	0.65	cps
Silver	109-1	331767	326555	322592	326971	1.41	cps
Silver	107-1	341611	343097	342421	342377	0.22	cps
Sodium	23-2	268056	265059	263479	265531	0.88	cps
Strontium	86-1	87572	87043	86851	87155	0.43	cps
Strontium	88-1	757054	750712	755556	754441	0.44	cps
Sulfur	34-1	412540	414211	415518	414089	0.36	cps
Terbium	159-1	5349182	5370156	5360715	5360017	0.20	cps
Terbium	159-2	999214	1012509	1031355	1014359	1.59	cps
Thallium	203-1	253550	250826	252715	252364	0.55	cps
Thallium	205-1	598847	601628	602511	600995	0.32	cps
Tin	118-1	223335	221986	223065	222795	0.32	cps
Titanium	47-1	174339	175503	175183	175009	0.34	cps
Uranium	238-1	820012	812670	811419	814700	0.57	cps
Vanadium	51-2	22588	22492	22355	22478	0.52	cps
Yttrium	89-1	4431432	4409680	4410146	4417086	0.28	cps
Yttrium	89-2	132352	136404	138494	135750	2.30	cps
Zinc	66-2	10194	10377	10454	10342	1.29	cps
Zirconium	90-1	458378	459985	459233	459199	0.18	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:51:28	DataFile Name :	006CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	102182	101603	102132	101972	0.31	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11263	10713	11063	11013	2.53	cps
Antimony	121-1	836504	832986	830993	833494	0.33	cps
Arsenic	75-2	9640	9774	9746	9720	0.72	cps
Barium	135-1	879717	862464	875388	872523	1.03	cps
Barium	137-1	1510770	1498571	1505815	1505052	0.41	cps
Beryllium	9-1	112194	113030	112330	112518	0.40	cps
Bismuth	209-1	3352450	3382582	3400535	3378522	0.72	cps
Bismuth	209-2	863874	864882	861206	863321	0.22	cps
Boron	10-1	12598	12698	12339	12545	1.48	cps
Boron	11-1	57207	58864	58579	58216	1.52	cps
Cadmium	111-1	175829	174643	176667	175713	0.58	cps
Cadmium	106-1	18355	19206	18580	18714	2.36	cps
Cadmium	108-1	12214	12723	12527	12488	2.06	cps
Calcium	43-1	168954	169842	170002	169599	0.33	cps
Calcium	44-1	2780012	2759136	2772006	2770385	0.38	cps
Chromium	52-2	72657	72811	72661	72710	0.12	cps
Cobalt	59-2	156918	154950	156025	155964	0.63	cps
Copper	63-2	268835	267055	265574	267155	0.61	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	0	33	17	99.99	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	5157218	5167247	5156559	5160341	0.12	cps
Holmium	165-2	1057568	1070244	1068531	1065448	0.65	cps
Indium	115-1	4112970	4182207	4193769	4162982	1.05	cps
Indium	115-2	180213	182617	179434	180754	0.92	cps
Iron	56-2	2504126	2444212	2476778	2475039	1.21	cps
Iron	57-2	60905	60721	61781	61136	0.93	cps
Lead	206-1	518353	514650	512227	515076	0.60	cps
Lead	207-1	464561	465206	468586	466118	0.46	cps
Lead	208-1	2095293	2093718	2105397	2098136	0.30	cps
Lithium	6-1	676584	681661	679578	679275	0.38	cps
Magnesium	24-2	264523	264032	260263	262940	0.89	cps
Manganese	55-2	41990	42391	41609	41996	0.93	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1366859	1355338	1358147	1360115	0.44	cps
Molybdenum	95-1	1678762	1686782	1694131	1686558	0.46	cps
Molybdenum	96-1	1885386	1900982	1882177	1889515	0.53	cps
Molybdenum	97-1	1027772	1034783	1031817	1031458	0.34	cps
Molybdenum	98-1	2704129	2703842	2706260	2704744	0.05	cps
Neodymium	150-1	27	47	60	44	37.74	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	45625	44662	46126	45471	1.64	cps
Phosphorus	31-2	833	792	642	756	13.34	cps
Potassium	39-2	77774	77757	77204	77578	0.42	cps
Rhodium	103-1	3785037	3830429	3796800	3804089	0.62	cps
Rhodium	103-2	997204	1003132	997235	999190	0.34	cps
Scandium	45-1	2350964	2391609	2346672	2363082	1.05	cps
Scandium	45-2	19634	19147	19477	19419	1.28	cps
Selenium	77-2	93	77	63	78	19.33	cps
Selenium	78-2	233	231	259	241	6.43	cps
Selenium	82-1	11132	10933	11222	11096	1.33	cps
Silicon	28-1	838373	840816	840193	839794	0.15	cps
Silver	109-1	807278	807207	802276	805587	0.36	cps
Silver	107-1	845875	849875	844898	846883	0.31	cps
Sodium	23-2	627637	621884	621173	623564	0.57	cps
Strontium	86-1	213840	215339	214941	214707	0.36	cps
Strontium	88-1	1886968	1898154	1888178	1891100	0.32	cps
Sulfur	34-1	440326	438485	434869	437893	0.63	cps
Terbium	159-1	5287021	5358144	5343160	5329441	0.70	cps
Terbium	159-2	1024452	1032079	1028345	1028292	0.37	cps
Thallium	203-1	634043	628632	636139	632938	0.61	cps
Thallium	205-1	1512740	1510517	1510445	1511234	0.09	cps
Tin	118-1	553470	550648	555122	553080	0.41	cps
Titanium	47-1	429432	430201	425954	428529	0.53	cps
Uranium	238-1	2085532	2072108	2101721	2086454	0.71	cps
Vanadium	51-2	54596	54519	53656	54257	0.96	cps
Yttrium	89-1	4398091	4423122	4405094	4408769	0.29	cps
Yttrium	89-2	135517	137467	135423	136136	0.85	cps
Zinc	66-2	25260	24869	24372	24834	1.79	cps
Zirconium	90-1	1151501	1149125	1140869	1147165	0.49	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:54:59	DataFile Name :	007CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	254435	251893	252978	253102	0.50	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21283	20733	20749	20922	1.50	cps
Antimony	121-1	1695941	1671717	1670741	1679466	0.85	cps
Arsenic	75-2	18752	18362	18501	18538	1.06	cps
Barium	135-1	1770289	1761997	1752911	1761732	0.49	cps
Barium	137-1	3039584	3038299	3047644	3041842	0.17	cps
Beryllium	9-1	219149	218589	219730	219156	0.26	cps
Bismuth	209-1	3486305	3422489	3421969	3443588	1.07	cps
Bismuth	209-2	775443	856374	854544	828787	5.58	cps
Boron	10-1	23988	25223	24447	24552	2.54	cps
Boron	11-1	109834	113437	115453	112908	2.52	cps
Cadmium	111-1	350005	344930	348522	347819	0.75	cps
Cadmium	106-1	36834	36793	36734	36787	0.14	cps
Cadmium	108-1	24919	25370	25324	25204	0.98	cps
Calcium	43-1	334575	336036	331833	334148	0.64	cps
Calcium	44-1	5400054	5379732	5408503	5396097	0.27	cps
Chromium	52-2	138979	140297	138190	139155	0.77	cps
Cobalt	59-2	301661	304033	301051	302248	0.52	cps
Copper	63-2	518730	519918	515241	517963	0.47	cps
Dysprosium	156-1	33	17	33	28	34.64	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5216554	5314818	5280069	5270480	0.95	cps
Holmium	165-2	965211	1067059	1061582	1031284	5.55	cps
Indium	115-1	4252440	4236576	4196694	4228570	0.68	cps
Indium	115-2	159985	178388	176589	171654	5.91	cps
Iron	56-2	4750303	4744273	4770288	4754955	0.29	cps
Iron	57-2	118169	120187	121111	119822	1.26	cps
Lead	206-1	1034056	1031556	1038810	1034807	0.36	cps
Lead	207-1	939415	939684	936891	938663	0.16	cps
Lead	208-1	4269015	4253987	4243233	4255411	0.30	cps
Lithium	6-1	679478	680488	670968	676978	0.77	cps
Magnesium	24-2	507633	504404	501448	504495	0.61	cps
Manganese	55-2	81164	81315	80849	81109	0.29	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2713537	2736573	2744452	2731521	0.59	cps
Molybdenum	95-1	3359311	3381364	3342452	3361042	0.58	cps
Molybdenum	96-1	3748565	3772463	3721877	3747635	0.68	cps
Molybdenum	97-1	2114660	2090936	2070454	2092017	1.06	cps
Molybdenum	98-1	5307134	5356403	5264346	5309294	0.87	cps
Neodymium	150-1	107	107	33	82	51.50	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	88371	88334	88371	88359	0.02	cps
Phosphorus	31-2	1533	1467	1317	1439	7.71	cps
Potassium	39-2	147633	148803	147735	148057	0.44	cps
Rhodium	103-1	3837448	3860237	3792284	3829990	0.90	cps
Rhodium	103-2	902525	988634	985772	958977	5.10	cps
Scandium	45-1	2365394	2378903	2335809	2360035	0.93	cps
Scandium	45-2	17204	18903	18963	18357	5.44	cps
Selenium	77-2	130	153	103	129	19.41	cps
Selenium	78-2	404	448	435	429	5.33	cps
Selenium	82-1	22039	22020	22160	22073	0.34	cps
Silicon	28-1	1074087	1073608	1071785	1073160	0.11	cps
Silver	109-1	1638299	1629205	1639991	1635832	0.35	cps
Silver	107-1	1695665	1716415	1705796	1705959	0.61	cps
Sodium	23-2	1233820	1210645	1218658	1221041	0.96	cps
Strontium	86-1	425190	424669	424153	424670	0.12	cps
Strontium	88-1	3747271	3764791	3758131	3756731	0.24	cps
Sulfur	34-1	477474	475134	476974	476527	0.26	cps
Terbium	159-1	5450438	5495535	5363078	5436350	1.24	cps
Terbium	159-2	929047	1026607	1025303	993653	5.63	cps
Thallium	203-1	1254597	1275600	1288611	1272936	1.35	cps
Thallium	205-1	3022863	3080230	3102683	3068592	1.34	cps
Tin	118-1	1115289	1102830	1110253	1109458	0.56	cps
Titanium	47-1	835912	845999	840951	840954	0.60	cps
Uranium	238-1	4185700	4181691	4149624	4172338	0.47	cps
Vanadium	51-2	105195	106632	105601	105809	0.70	cps
Yttrium	89-1	4485048	4467061	4433046	4461719	0.59	cps
Yttrium	89-2	122456	135544	133535	130512	5.40	cps
Zinc	66-2	47993	48147	48936	48359	1.05	cps
Zirconium	90-1	2310001	2314125	2295079	2306402	0.43	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 14:58:26	DataFile Name :	008CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	506169	502134	499012	502439	0.71	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40660	38821	39172	39551	2.47	cps
Antimony	121-1	3356800	3280976	3356546	3331441	1.31	cps
Arsenic	75-2	35731	35722	35772	35742	0.07	cps
Barium	135-1	3526575	3477642	3523535	3509251	0.78	cps
Barium	137-1	5994511	5987077	6032527	6004705	0.41	cps
Beryllium	9-1	415267	419650	419507	418141	0.60	cps
Bismuth	209-1	3426422	3449984	3404791	3427066	0.66	cps
Bismuth	209-2	831585	834219	842539	836114	0.68	cps
Boron	10-1	46761	46936	48416	47371	1.92	cps
Boron	11-1	214632	220046	223430	219369	2.02	cps
Cadmium	111-1	682759	683184	690491	685478	0.63	cps
Cadmium	106-1	71247	71724	71892	71621	0.47	cps
Cadmium	108-1	49060	48608	49060	48910	0.53	cps
Calcium	43-1	658022	651917	650877	653605	0.59	cps
Calcium	44-1	10598473	10578142	10487017	10554544	0.56	cps
Chromium	52-2	262809	266383	265234	264809	0.69	cps
Cobalt	59-2	574112	575172	569920	573068	0.48	cps
Copper	63-2	990431	985404	979607	985147	0.55	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5360122	5348345	5261167	5323211	1.02	cps
Holmium	165-2	1046973	1040873	1048120	1045322	0.37	cps
Indium	115-1	4121440	4131122	4106613	4119725	0.30	cps
Indium	115-2	168573	168923	169370	168955	0.24	cps
Iron	56-2	9003890	8960511	8842576	8935659	0.93	cps
Iron	57-2	227312	227550	223570	226144	0.99	cps
Lead	206-1	2119174	2090813	2167229	2125739	1.82	cps
Lead	207-1	1967399	1938678	1952649	1952909	0.74	cps
Lead	208-1	8643907	8584691	8679162	8635920	0.55	cps
Lithium	6-1	661136	662300	652637	658691	0.80	cps
Magnesium	24-2	952821	951829	945619	950090	0.41	cps
Manganese	55-2	154610	154041	151630	153427	1.03	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5387523	5386941	5362954	5379139	0.26	cps
Molybdenum	95-1	6575084	6538995	6619494	6577857	0.61	cps
Molybdenum	96-1	7362566	7319069	7377275	7352970	0.41	cps
Molybdenum	97-1	4078580	4133687	4132610	4114959	0.77	cps
Molybdenum	98-1	10553120	10579303	10552420	10561614	0.15	cps
Neodymium	150-1	147	160	227	178	24.11	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	165452	165544	164802	165266	0.24	cps
Phosphorus	31-2	2800	2875	2792	2823	1.63	cps
Potassium	39-2	273527	273270	271738	272845	0.35	cps
Rhodium	103-1	3777427	3802874	3779264	3786522	0.37	cps
Rhodium	103-2	944537	948913	956513	949988	0.64	cps
Scandium	45-1	2287800	2310328	2268702	2288943	0.91	cps
Scandium	45-2	18299	17985	18275	18186	0.96	cps
Selenium	77-2	233	240	247	240	2.78	cps
Selenium	78-2	861	802	807	823	3.97	cps
Selenium	82-1	43774	43057	43203	43345	0.87	cps
Silicon	28-1	1652372	1666862	1663279	1660838	0.45	cps
Silver	109-1	3222609	3221106	3235630	3226448	0.25	cps
Silver	107-1	3312301	3346096	3317206	3325201	0.55	cps
Sodium	23-2	2273675	2266301	2268602	2269526	0.17	cps
Strontium	86-1	837784	842812	849582	843392	0.70	cps
Strontium	88-1	7239036	7339667	7296683	7291795	0.69	cps
Sulfur	34-1	553350	550388	555699	553146	0.48	cps
Terbium	159-1	5448435	5478426	5480670	5469177	0.33	cps
Terbium	159-2	1002869	1006018	1011208	1006698	0.42	cps
Thallium	203-1	2584354	2576859	2597403	2586205	0.40	cps
Thallium	205-1	6050377	6059591	6090185	6066718	0.34	cps
Tin	118-1	2236402	2221624	2245479	2234502	0.54	cps
Titanium	47-1	1685709	1686606	1677354	1683223	0.30	cps
Uranium	238-1	8421041	8420148	8540089	8460426	0.82	cps
Vanadium	51-2	201767	202823	199559	201383	0.83	cps
Yttrium	89-1	4401885	4451133	4407244	4420087	0.61	cps
Yttrium	89-2	129665	128625	129059	129116	0.40	cps
Zinc	66-2	92214	93160	91764	92380	0.77	cps
Zirconium	90-1	4520760	4492887	4535172	4516273	0.48	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:01:46	DataFile Name :	009CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000162	990926	1001177	997422	0.57	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CALC_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76498	77520	76499	76839	0.77	cps
Antimony	121-1	6544208	6534381	6594173	6557587	0.49	cps
Arsenic	75-2	70017	69548	69928	69831	0.36	cps
Barium	135-1	6788711	6862243	6860205	6837053	0.61	cps
Barium	137-1	11857184	11859722	11896974	11871293	0.19	cps
Beryllium	9-1	804719	801070	799859	801883	0.32	cps
Bismuth	209-1	3453963	3448215	3435363	3445847	0.28	cps
Bismuth	209-2	813074	807799	815261	812045	0.47	cps
Boron	10-1	91139	91566	93705	92137	1.49	cps
Boron	11-1	421672	426232	432309	426738	1.25	cps
Cadmium	111-1	1349101	1337935	1351343	1346126	0.53	cps
Cadmium	106-1	140132	138901	138833	139288	0.53	cps
Cadmium	108-1	96475	93983	96148	95536	1.42	cps
Calcium	43-1	1298660	1310724	1303884	1304423	0.46	cps
Calcium	44-1	20825399	20907641	20790828	20841290	0.29	cps
Chromium	52-2	520789	517919	517898	518869	0.32	cps
Cobalt	59-2	1114572	1104288	1116147	1111669	0.58	cps
Copper	63-2	1958742	1941333	1941726	1947267	0.51	cps
Dysprosium	156-1	100	83	117	100	16.67	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5369194	5330905	5335326	5345142	0.39	cps
Holmium	165-2	1035985	1019860	1031233	1029026	0.81	cps
Indium	115-1	4043031	4011747	4013195	4022658	0.44	cps
Indium	115-2	163843	161989	160234	162022	1.11	cps
Iron	56-2	17627588	17616493	17735220	17659767	0.37	cps
Iron	57-2	440581	439966	441894	440814	0.22	cps
Lead	206-1	4171005	4220335	4204667	4198669	0.60	cps
Lead	207-1	3907195	3932052	3911707	3916985	0.34	cps
Lead	208-1	17104542	17210124	17110939	17141869	0.35	cps
Lithium	6-1	644471	640022	641409	641967	0.35	cps
Magnesium	24-2	1885236	1867617	1904236	1885696	0.97	cps
Manganese	55-2	298880	296487	300287	298551	0.64	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10559068	10512763	10498324	10523385	0.30	cps
Molybdenum	95-1	12979765	12994549	12953454	12975923	0.16	cps
Molybdenum	96-1	14518400	14585352	14427077	14510277	0.55	cps
Molybdenum	97-1	8058044	7974074	8010217	8014112	0.53	cps
Molybdenum	98-1	20875205	20774555	20827258	20825673	0.24	cps
Neodymium	150-1	247	273	327	282	14.43	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	318596	320542	321663	320267	0.48	cps
Phosphorus	31-2	5585	5418	5526	5510	1.54	cps
Potassium	39-2	531786	538092	536419	535432	0.61	cps
Rhodium	103-1	3686829	3660893	3691709	3679810	0.45	cps
Rhodium	103-2	927673	918578	924893	923715	0.50	cps
Scandium	45-1	2267925	2292655	2231880	2264153	1.35	cps
Scandium	45-2	17618	17595	17958	17724	1.15	cps
Selenium	77-2	477	450	523	483	7.68	cps
Selenium	78-2	1476	1559	1539	1525	2.85	cps
Selenium	82-1	84183	83777	84465	84142	0.41	cps
Silicon	28-1	2480128	2485403	2482139	2482556	0.11	cps
Silver	109-1	6307312	6268327	6261038	6278892	0.40	cps
Silver	107-1	6561582	6522677	6491518	6525259	0.54	cps
Sodium	23-2	4344110	4392475	4389613	4375399	0.62	cps
Strontium	86-1	1694029	1681612	1689158	1688266	0.37	cps
Strontium	88-1	14523056	14379152	14446634	14449614	0.50	cps
Sulfur	34-1	720184	716519	720147	718950	0.29	cps
Terbium	159-1	5464236	5461666	5479766	5468556	0.18	cps
Terbium	159-2	992893	981831	994773	989833	0.71	cps
Thallium	203-1	5114832	5205609	5128874	5149771	0.95	cps
Thallium	205-1	12010330	12143208	12127666	12093734	0.60	cps
Tin	118-1	4338557	4394800	4413118	4382158	0.89	cps
Titanium	47-1	3305809	3272476	3255193	3277826	0.78	cps
Uranium	238-1	16877646	16833575	16867373	16859531	0.14	cps
Vanadium	51-2	394417	393254	397007	394893	0.49	cps
Yttrium	89-1	4344524	4317513	4296781	4319606	0.55	cps
Yttrium	89-2	127078	126873	128309	127420	0.61	cps
Zinc	66-2	176392	178127	178795	177771	0.70	cps
Zirconium	90-1	8836519	8964988	8849517	8883675	0.80	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:08:18	DataFile Name :	011CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2032380	1998996	2033326	2021567	0.97	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385407	387767	383724	385633	0.53	cps
Antimony	121-1	7269	7394	7402	7355	1.02	cps
Arsenic	75-2	41	17	28	28	42.42	cps
Barium	135-1	1917	1617	1625	1720	9.94	cps
Barium	137-1	3276	3159	2950	3128	5.26	cps
Beryllium	9-1	878	683	772	778	12.52	cps
Bismuth	209-1	3257553	3251931	3276222	3261902	0.39	cps
Bismuth	209-2	771147	777958	777028	775378	0.48	cps
Boron	10-1	4918	4768	4326	4670	6.59	cps
Boron	11-1	23119	20908	19689	21239	8.19	cps
Cadmium	111-1	814	761	778	784	3.42	cps
Cadmium	106-1	892	725	833	817	10.36	cps
Cadmium	108-1	21	13	38	24	53.92	cps
Calcium	43-1	6540993	6549021	6505163	6531726	0.36	cps
Calcium	44-1	107072711	104889917	105950342	105970990	1.03	cps
Chromium	52-2	4708	4918	4681	4769	2.72	cps
Cobalt	59-2	1257	1290	1183	1243	4.39	cps
Copper	63-2	2267	2120	2130	2172	3.77	cps
Dysprosium	156-1	58	67	33	53	32.88	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	3	23	10	12	83.33	cps
Holmium	165-1	5258351	5256141	5280652	5265048	0.26	cps
Holmium	165-2	1020171	1022847	1022920	1021979	0.15	cps
Indium	115-1	3972622	3954227	3941324	3956058	0.40	cps
Indium	115-2	162622	162268	161441	162111	0.37	cps
Iron	56-2	85308246	85120257	85191346	85206617	0.11	cps
Iron	57-2	2180621	2180094	2191723	2184146	0.30	cps
Lead	206-1	7486	7180	7302	7323	2.10	cps
Lead	207-1	6530	6396	6252	6393	2.17	cps
Lead	208-1	29058	28574	28558	28730	0.99	cps
Lithium	6-1	620630	622148	621111	621296	0.12	cps
Magnesium	24-2	9119293	9122456	9073289	9105013	0.30	cps
Manganese	55-2	693	683	770	716	6.63	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CAL5_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4468	4017	3776	4087	8.59	cps
Molybdenum	95-1	6660	6860	6210	6577	5.06	cps
Molybdenum	96-1	8987	8103	7903	8331	6.92	cps
Molybdenum	97-1	4192	3584	3892	3890	7.82	cps
Molybdenum	98-1	10463	9687	8928	9693	7.92	cps
Neodymium	150-1	67	60	80	69	14.78	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	2197	2047	2100	2115	3.60	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2607046	2643124	2614479	2621549	0.73	cps
Rhodium	103-1	3496362	3501335	3508032	3501909	0.17	cps
Rhodium	103-2	889279	884688	882860	885609	0.37	cps
Scandium	45-1	2254715	2246941	2248827	2250161	0.18	cps
Scandium	45-2	17655	17648	17361	17555	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	36	62	23	40	49.67	cps
Silicon	28-1	517696	522928	523085	521236	0.59	cps
Silver	109-1	392	358	400	383	5.75	cps
Silver	107-1	467	383	567	472	19.44	cps
Sodium	23-2	21414630	21518532	21411133	21448099	0.28	cps
Strontium	86-1	57404	56192	56032	56543	1.33	cps
Strontium	88-1	489874	493938	493225	492346	0.44	cps
Sulfur	34-1	329717	332247	334577	332180	0.73	cps
Terbium	159-1	5392721	5395302	5411387	5399803	0.19	cps
Terbium	159-2	972840	978413	982078	977777	0.48	cps
Thallium	203-1	2500	2559	2467	2509	1.85	cps
Thallium	205-1	6185	5952	5576	5904	5.20	cps
Tin	118-1	4784	4593	4668	4682	2.06	cps
Titanium	47-1	683	458	650	597	20.33	cps
Uranium	238-1	1133	1008	867	1003	13.31	cps
Vanadium	51-2	83	73	60	72	16.21	cps
Yttrium	89-1	4216451	4280577	4276951	4257993	0.85	cps
Yttrium	89-2	124730	124881	127034	125548	1.03	cps
Zinc	66-2	573	593	527	564	6.06	cps
Zirconium	90-1	1742	1542	1759	1681	7.17	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:11:31	DataFile Name :	012CALS_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	383	467	406	13.21	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2100	2184	2209	2164	2.62	cps
Antimony	121-1	1301434	1303484	1305582	1303500	0.16	cps
Arsenic	75-2	15399	15062	15190	15217	1.12	cps
Barium	135-1	139244	139504	141178	139975	0.75	cps
Barium	137-1	243350	241655	238963	241323	0.92	cps
Beryllium	9-1	83966	85111	84207	84428	0.71	cps
Bismuth	209-1	3541099	3563643	3579710	3561484	0.54	cps
Bismuth	209-2	894880	899755	891383	895340	0.47	cps
Boron	10-1	54655	56177	56127	55653	1.55	cps
Boron	11-1	253415	258717	261588	257906	1.61	cps
Cadmium	111-1	142824	142839	142638	142767	0.08	cps
Cadmium	106-1	23496	23671	23922	23697	0.90	cps
Cadmium	108-1	13127	12898	13140	13055	1.04	cps
Calcium	43-1	29766	29206	29983	29652	1.35	cps
Calcium	44-1	471970	474721	473236	473309	0.29	cps
Chromium	52-2	57149	56711	55838	56566	1.18	cps
Cobalt	59-2	122721	123861	121874	122819	0.81	cps
Copper	63-2	106067	105221	105547	105612	0.40	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	100	25	33	53	77.90	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	33	50	42	42	19.99	cps
Gadolinium	160-2	7	20	0	9	114.55	cps
Holmium	165-1	5331543	5390054	5322064	5347887	0.69	cps
Holmium	165-2	1098557	1099803	1096939	1098433	0.13	cps
Indium	115-1	4251184	4237313	4259378	4249292	0.26	cps
Indium	115-2	184842	184149	182912	183968	0.53	cps
Iron	56-2	390448	389186	385959	388531	0.60	cps
Iron	57-2	9670	9776	9637	9694	0.75	cps
Lead	206-1	837853	855136	840688	844559	1.10	cps
Lead	207-1	738878	738895	732014	736596	0.54	cps
Lead	208-1	3411140	3446306	3405753	3421066	0.64	cps
Lithium	6-1	685546	693583	694207	691112	0.70	cps
Magnesium	24-2	25307	24555	26083	25315	3.02	cps
Manganese	55-2	16510	16590	16256	16452	1.06	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2561465	2556429	2585947	2567947	0.61	cps
Molybdenum	95-1	1347189	1323139	1346850	1339059	1.03	cps
Molybdenum	96-1	1775702	1760317	1799922	1778647	1.12	cps
Molybdenum	97-1	834598	837102	845757	839152	0.70	cps
Molybdenum	98-1	2183703	2232607	2212560	2209624	1.11	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37507	37063	36378	36983	1.54	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	25933	25532	25941	25802	0.91	cps
Rhodium	103-1	3921318	3962505	4043011	3975611	1.56	cps
Rhodium	103-2	1042968	1032682	1029762	1035137	0.67	cps
Scandium	45-1	2388605	2407089	2412721	2402805	0.53	cps
Scandium	45-2	19824	19687	20362	19958	1.79	cps
Selenium	77-2	70	90	100	87	17.63	cps
Selenium	78-2	383	302	387	357	13.47	cps
Selenium	82-1	17270	17256	17232	17252	0.11	cps
Silicon	28-1	1533596	1550204	1543995	1542598	0.54	cps
Silver	109-1	624415	634185	638870	632490	1.17	cps
Silver	107-1	663930	668501	667439	666624	0.36	cps
Sodium	23-2	110586	108008	110099	109564	1.25	cps
Strontium	86-1	876617	879702	882603	879641	0.34	cps
Strontium	88-1	7593938	7601802	7658106	7617949	0.46	cps
Sulfur	34-1	345105	344372	346844	345441	0.37	cps
Terbium	159-1	5581817	5566353	5587067	5578412	0.19	cps
Terbium	159-2	1064483	1061267	1051512	1059087	0.64	cps
Thallium	203-1	1039663	1046002	1042101	1042589	0.31	cps
Thallium	205-1	2525379	2551685	2519940	2532335	0.67	cps
Tin	118-1	2327953	2344766	2294122	2322280	1.11	cps
Titanium	47-1	347523	350902	351452	349959	0.61	cps
Uranium	238-1	8741617	8766828	8811669	8773371	0.40	cps
Vanadium	51-2	41973	42518	42511	42334	0.74	cps
Yttrium	89-1	4500520	4523857	4565340	4529905	0.72	cps
Yttrium	89-2	139396	139554	138840	139263	0.27	cps
Zinc	66-2	19834	20128	19494	19819	1.60	cps
Zirconium	90-1	4888017	4844741	4932743	4888500	0.90	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:16:12	DataFile Name :	013ICV01_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1068795	1067739	1077005	1071179	0.47	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 15:20:17 DataFile Name : 014CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	1175	1075	1000	1083	8.10	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	50	42	17	36	48.03	cps
Barium	137-1	92	25	50	56	60.62	cps
Beryllium	9-1	328	344	511	394	25.70	cps
Bismuth	209-1	3792177	3746081	3507103	3681787	4.16	cps
Bismuth	209-2	876270	885980	892259	884836	0.91	cps
Boron	10-1	2275	1759	1934	1989	13.21	cps
Boron	11-1	9020	8845	7827	8564	7.52	cps
Cadmium	111-1	693	610	538	614	12.65	cps
Cadmium	106-1	958	833	725	839	13.92	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	1183	1075	858	1039	15.93	cps
Calcium	44-1	15901	15976	16569	16149	2.26	cps
Chromium	52-2	207	260	270	246	13.87	cps
Cobalt	59-2	57	40	73	57	29.41	cps
Copper	63-2	153	167	180	167	8.00	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5803439	5663610	5325935	5597661	4.39	cps
Holmium	165-2	1070176	1088391	1087981	1082183	0.96	cps
Indium	115-1	4631036	4576115	4215907	4474353	5.04	cps
Indium	115-2	184219	185725	186711	185552	0.68	cps
Iron	56-2	2428	2517	2434	2460	2.02	cps
Iron	57-2	100	61	72	78	25.75	cps
Lead	206-1	600	589	689	626	8.76	cps
Lead	207-1	506	550	483	513	6.62	cps
Lead	208-1	2434	2267	2439	2380	4.11	cps
Lithium	6-1	731854	725780	680930	712855	3.90	cps
Magnesium	24-2	558	817	625	667	20.12	cps
Manganese	55-2	17	20	20	19	10.18	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:20:17	DataFile Name :	014CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	375	300	328	12.54	cps
Molybdenum	95-1	283	275	217	258	14.06	cps
Molybdenum	96-1	317	300	267	294	8.65	cps
Molybdenum	97-1	208	258	192	219	15.81	cps
Molybdenum	98-1	533	425	550	503	13.50	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	393	310	337	347	12.28	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2467	2809	2492	2589	7.36	cps
Rhodium	103-1	4228630	4210087	3874264	4104327	4.86	cps
Rhodium	103-2	1015382	1028803	1035544	1026576	1.00	cps
Scandium	45-1	2573773	2541389	2346561	2487241	4.94	cps
Scandium	45-2	19130	19233	19247	19203	0.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-11	13	-87	-28	-184.46	cps
Silicon	28-1	402187	401941	405481	403203	0.49	cps
Silver	109-1	108	150	142	133	16.54	cps
Silver	107-1	108	142	100	117	18.90	cps
Sodium	23-2	12498	12197	12948	12548	3.01	cps
Strontium	86-1	550	492	450	497	10.10	cps
Strontium	88-1	108	100	92	100	8.33	cps
Sulfur	34-1	346069	354700	356418	352396	1.57	cps
Terbium	159-1	5981584	5849051	5441465	5757367	4.89	cps
Terbium	159-2	1036413	1044893	1049422	1043576	0.63	cps
Thallium	203-1	858	767	925	850	9.35	cps
Thallium	205-1	2059	1992	1767	1939	7.88	cps
Tin	118-1	742	650	775	722	8.96	cps
Titanium	47-1	125	100	167	131	25.80	cps
Uranium	238-1	92	67	67	75	19.24	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	4863930	4739234	4379232	4660799	5.40	cps
Yttrium	89-2	135484	137648	139301	137478	1.39	cps
Zinc	66-2	40	37	33	37	9.10	cps
Zirconium	90-1	400	317	333	350	12.60	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:20:17	DataFile Name :	014CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	108	117	94	33.40	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408027	400688	398238	402318	1.27	cps
Antimony	121-1	7461	7753	8028	7747	3.66	cps
Arsenic	75-2	30	30	26	28	7.52	cps
Barium	135-1	2092	2609	1942	2214	15.80	cps
Barium	137-1	3692	4059	3951	3901	4.83	cps
Beryllium	9-1	539	778	572	630	20.55	cps
Bismuth	209-1	3400986	3361507	3362745	3375079	0.67	cps
Bismuth	209-2	835394	833970	838399	835921	0.27	cps
Boron	10-1	1483	1492	1325	1433	6.55	cps
Boron	11-1	7144	7727	7010	7294	5.23	cps
Cadmium	111-1	1121	932	1199	1084	12.65	cps
Cadmium	106-1	875	725	925	842	12.37	cps
Cadmium	108-1	721	763	796	760	4.95	cps
Calcium	43-1	1361889	1355032	1362308	1359743	0.30	cps
Calcium	44-1	22102740	21945070	21932941	21993584	0.43	cps
Chromium	52-2	11281	11845	11698	11608	2.52	cps
Cobalt	59-2	1497	1373	1477	1449	4.57	cps
Copper	63-2	8483	8376	8259	8373	1.33	cps
Dysprosium	156-1	8	25	58	31	83.33	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	23	3	3	10	115.51	cps
Holmium	165-1	5405592	5306647	5275803	5329347	1.27	cps
Holmium	165-2	1085830	1071240	1084110	1080393	0.74	cps
Indium	115-1	4242582	4251019	4177313	4223638	0.96	cps
Indium	115-2	180148	178006	179366	179174	0.60	cps
Iron	56-2	38162001	38153690	37912497	38076062	0.37	cps
Iron	57-2	960777	958405	960948	960043	0.15	cps
Lead	206-1	20634	19766	19827	20076	2.41	cps
Lead	207-1	16316	16172	15649	16046	2.19	cps
Lead	208-1	77025	76520	75250	76265	1.20	cps
Lithium	6-1	665190	667634	658869	663898	0.68	cps
Magnesium	24-2	2107638	2069403	2047460	2074834	1.47	cps
Manganese	55-2	1327	1307	1300	1311	1.06	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3023784	2986125	2994257	3001389	0.66	cps
Molybdenum	95-1	5283872	5255259	5263698	5267610	0.28	cps
Molybdenum	96-1	5653149	5624430	5645725	5641101	0.26	cps
Molybdenum	97-1	3284012	3288641	3258592	3277082	0.49	cps
Molybdenum	98-1	8461878	8404993	8414828	8427233	0.36	cps
Neodymium	150-1	40	13	47	33	52.92	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	2144	2034	2257	2145	5.21	cps
Phosphorus	31-2	31211	31169	31386	31255	0.37	cps
Potassium	39-2	1195544	1185726	1182215	1187828	0.58	cps
Rhodium	103-1	3844830	3814949	3809727	3823169	0.50	cps
Rhodium	103-2	985553	980377	985403	983778	0.30	cps
Scandium	45-1	2426904	2442597	2441095	2436865	0.36	cps
Scandium	45-2	20205	19631	19637	19824	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	13	0	6	120.21	cps
Selenium	82-1	14	34	32	27	41.72	cps
Silicon	28-1	525055	532865	531777	529899	0.80	cps
Silver	109-1	483	483	592	519	12.04	cps
Silver	107-1	500	608	633	581	12.21	cps
Sodium	23-2	4855120	4832102	4785045	4824089	0.74	cps
Strontium	86-1	58267	60259	58501	59009	1.85	cps
Strontium	88-1	519954	511840	505738	512511	1.39	cps
Sulfur	34-1	2024487	2007478	2018590	2016852	0.43	cps
Terbium	159-1	5565678	5571690	5497245	5544871	0.75	cps
Terbium	159-2	1041924	1034451	1032186	1036187	0.49	cps
Thallium	203-1	1158	1358	1242	1253	8.02	cps
Thallium	205-1	3151	2909	3317	3126	6.57	cps
Tin	118-1	1408	1333	1417	1386	3.31	cps
Titanium	47-1	1407467	1397567	1385826	1396953	0.78	cps
Uranium	238-1	392	333	400	375	9.69	cps
Vanadium	51-2	53	73	80	69	20.15	cps
Yttrium	89-1	4540180	4506691	4472855	4506576	0.75	cps
Yttrium	89-2	137679	137796	138156	137877	0.18	cps
Zinc	66-2	987	1080	1127	1065	6.70	cps
Zirconium	90-1	608	825	758	731	15.19	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:23:29	DataFile Name :	015ICSA01_P8011218-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	225	175	178	25.82	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387319	391724	392081	390374	0.68	cps
Antimony	121-1	138840	140145	137401	138795	0.99	cps
Arsenic	75-2	1559	1522	1493	1525	2.19	cps
Barium	135-1	30979	29801	30586	30455	1.97	cps
Barium	137-1	51108	51852	51233	51398	0.78	cps
Beryllium	9-1	17361	18329	17060	17583	3.77	cps
Bismuth	209-1	3318188	3364202	3345336	3342575	0.69	cps
Bismuth	209-2	833254	840566	837138	836986	0.44	cps
Boron	10-1	7369	7686	7060	7372	4.24	cps
Boron	11-1	32705	32730	33122	32852	0.71	cps
Cadmium	111-1	28710	27891	28122	28241	1.50	cps
Cadmium	106-1	4501	4368	4501	4456	1.73	cps
Cadmium	108-1	2813	2913	2842	2856	1.80	cps
Calcium	43-1	1345313	1367883	1366374	1359857	0.93	cps
Calcium	44-1	21608964	21737514	21700924	21682467	0.31	cps
Chromium	52-2	22305	22388	22428	22374	0.28	cps
Cobalt	59-2	25567	25647	25764	25659	0.39	cps
Copper	63-2	28403	28924	28610	28645	0.92	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	5264861	5368964	5359133	5330986	1.08	cps
Holmium	165-2	1076966	1081729	1081561	1080085	0.25	cps
Indium	115-1	4197969	4166058	4193217	4185748	0.41	cps
Indium	115-2	177556	178941	178458	178318	0.39	cps
Iron	56-2	37098662	37098237	36964745	37053881	0.21	cps
Iron	57-2	934530	931828	933621	933326	0.15	cps
Lead	206-1	102830	101586	102824	102413	0.70	cps
Lead	207-1	87103	86090	85144	86112	1.14	cps
Lead	208-1	399113	395570	394805	396496	0.58	cps
Lithium	6-1	661871	666902	665879	664884	0.40	cps
Magnesium	24-2	2005199	2042430	2018431	2022020	0.93	cps
Manganese	55-2	4374	4424	4554	4451	2.09	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3256277	3234746	3222073	3237699	0.53	cps
Molybdenum	95-1	5335099	5352204	5347276	5344860	0.16	cps
Molybdenum	96-1	5824428	5729999	5751255	5768561	0.86	cps
Molybdenum	97-1	3361525	3305666	3312818	3326669	0.91	cps
Molybdenum	98-1	8542530	8406166	8438793	8462496	0.84	cps
Neodymium	150-1	20	7	47	24	83.31	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	8760	9247	9293	9100	3.25	cps
Phosphorus	31-2	30893	31319	29766	30659	2.62	cps
Potassium	39-2	1154930	1162526	1142085	1153180	0.90	cps
Rhodium	103-1	3789896	3769692	3797434	3785674	0.38	cps
Rhodium	103-2	974115	973508	979782	975802	0.35	cps
Scandium	45-1	2401977	2440805	2403786	2415523	0.91	cps
Scandium	45-2	19317	19744	19454	19505	1.12	cps
Selenium	77-2	17	7	17	13	43.29	cps
Selenium	78-2	39	30	48	39	23.81	cps
Selenium	82-1	1652	1769	1669	1697	3.72	cps
Silicon	28-1	689579	691868	696600	692683	0.52	cps
Silver	109-1	121536	118115	118326	119325	1.61	cps
Silver	107-1	126043	122303	123706	124017	1.52	cps
Sodium	23-2	4759809	4718189	4738554	4738851	0.44	cps
Strontium	86-1	153857	154280	152645	153594	0.55	cps
Strontium	88-1	1331370	1335668	1320692	1329243	0.58	cps
Sulfur	34-1	1979222	1982755	1984410	1982129	0.13	cps
Terbium	159-1	5462418	5522466	5535197	5506693	0.71	cps
Terbium	159-2	1032427	1031470	1038631	1034176	0.38	cps
Thallium	203-1	103981	102083	100286	102117	1.81	cps
Thallium	205-1	245115	243370	239217	242567	1.25	cps
Tin	118-1	244748	239158	242059	241989	1.16	cps
Titanium	47-1	1428296	1420982	1426221	1425166	0.26	cps
Uranium	238-1	891828	892228	889845	891300	0.14	cps
Vanadium	51-2	8740	8386	8583	8569	2.07	cps
Yttrium	89-1	4486861	4509336	4497222	4497806	0.25	cps
Yttrium	89-2	136127	136339	136390	136285	0.10	cps
Zinc	66-2	3247	2864	3057	3056	6.27	cps
Zirconium	90-1	533318	529186	524570	529025	0.83	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:26:36	DataFile Name :	016ICSB_P8011218-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	116462	117041	115923	116475	0.48	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213761	210835	214166	212921	0.85	cps
Antimony	121-1	3406204	3395150	3405295	3402216	0.18	cps
Arsenic	75-2	37887	37980	38268	38045	0.52	cps
Barium	135-1	3573376	3595853	3578570	3582600	0.33	cps
Barium	137-1	6090455	6144380	6171289	6135375	0.67	cps
Beryllium	9-1	435141	430961	437147	434416	0.73	cps
Bismuth	209-1	3364769	3366273	3336163	3355735	0.51	cps
Bismuth	209-2	830355	830163	839715	833411	0.66	cps
Boron	10-1	47747	50825	51184	49918	3.78	cps
Boron	11-1	225744	231286	237246	231425	2.49	cps
Cadmium	111-1	676260	676199	679306	677255	0.26	cps
Cadmium	106-1	72110	70275	70836	71074	1.32	cps
Cadmium	108-1	49194	48889	49323	49135	0.45	cps
Calcium	43-1	3361584	3377971	3386897	3375484	0.38	cps
Calcium	44-1	54594207	54946539	54053247	54531331	0.83	cps
Chromium	52-2	285545	284532	285556	285211	0.21	cps
Cobalt	59-2	600970	597406	605270	601215	0.65	cps
Copper	63-2	1009175	1006333	1008477	1007995	0.15	cps
Dysprosium	156-1	67	83	83	78	12.37	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	17	92	33	47	83.40	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	5409881	5404141	5421460	5411827	0.16	cps
Holmium	165-2	1086885	1077021	1081884	1081930	0.46	cps
Indium	115-1	4165164	4186750	4131697	4161204	0.67	cps
Indium	115-2	176070	172596	176755	175140	1.27	cps
Iron	56-2	46783340	46796608	47052894	46877614	0.32	cps
Iron	57-2	1180008	1174513	1187152	1180557	0.54	cps
Lead	206-1	2101813	2105855	2097033	2101567	0.21	cps
Lead	207-1	1938709	1957192	1905963	1933955	1.34	cps
Lead	208-1	8533449	8610158	8527354	8556987	0.54	cps
Lithium	6-1	651844	657168	661907	656973	0.77	cps
Magnesium	24-2	5033555	4982348	5105324	5040409	1.23	cps
Manganese	55-2	164488	164660	164926	164691	0.13	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5542069	5492339	5521420	5518610	0.45	cps
Molybdenum	95-1	6801581	6739770	6738718	6760023	0.53	cps
Molybdenum	96-1	7629397	7552449	7531577	7571141	0.68	cps
Molybdenum	97-1	4193695	4255973	4201904	4217191	0.80	cps
Molybdenum	98-1	10751184	10805050	10849525	10801920	0.46	cps
Neodymium	150-1	167	313	133	204	46.84	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	172159	172078	175013	173083	0.97	cps
Phosphorus	31-2	2959	3034	3025	3006	1.37	cps
Potassium	39-2	1485037	1497971	1501554	1494854	0.58	cps
Rhodium	103-1	3716056	3754637	3738129	3736274	0.52	cps
Rhodium	103-2	967777	959737	959093	962202	0.50	cps
Scandium	45-1	2426375	2423738	2416390	2422168	0.21	cps
Scandium	45-2	19798	20101	19440	19780	1.67	cps
Selenium	77-2	230	300	237	256	15.12	cps
Selenium	78-2	885	913	806	868	6.42	cps
Selenium	82-1	43531	43651	43729	43637	0.23	cps
Silicon	28-1	1658305	1689033	1695391	1680910	1.18	cps
Silver	109-1	3171879	3178318	3189399	3179865	0.28	cps
Silver	107-1	3310864	3319950	3345361	3325392	0.54	cps
Sodium	23-2	12072561	11940539	12109384	12040828	0.74	cps
Strontium	86-1	888874	891887	887459	889407	0.25	cps
Strontium	88-1	7717465	7769110	7729868	7738814	0.35	cps
Sulfur	34-1	565726	561828	563699	563751	0.35	cps
Terbium	159-1	5594189	5498127	5581741	5558019	0.94	cps
Terbium	159-2	1045538	1027870	1049631	1041013	1.11	cps
Thallium	203-1	2532326	2565042	2562235	2553201	0.71	cps
Thallium	205-1	5985370	5986487	6073822	6015226	0.84	cps
Tin	118-1	2276495	2290407	2281487	2282797	0.31	cps
Titanium	47-1	1769982	1756458	1757973	1761471	0.42	cps
Uranium	238-1	8526757	8387567	8443228	8452517	0.83	cps
Vanadium	51-2	220929	217360	219011	219100	0.82	cps
Yttrium	89-1	4479858	4566340	4576611	4540936	1.17	cps
Yttrium	89-2	137910	136262	137454	137209	0.62	cps
Zinc	66-2	96553	96241	96224	96339	0.19	cps
Zirconium	90-1	4727521	4729501	4713080	4723367	0.19	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:29:44	DataFile Name :	017CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1036433	1033071	1039496	1036333	0.31	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	1400	1800	1909	1703	15.73	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	33	25	0	19	89.21	cps
Barium	137-1	33	50	25	36	35.25	cps
Beryllium	9-1	478	494	389	454	12.51	cps
Bismuth	209-1	3672930	3649703	3538982	3620539	1.98	cps
Bismuth	209-2	874024	764971	853167	830721	6.97	cps
Boron	10-1	2117	2450	1633	2067	19.87	cps
Boron	11-1	9846	9504	8461	9270	7.78	cps
Cadmium	111-1	692	497	652	614	16.82	cps
Cadmium	106-1	942	658	867	822	17.86	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	817	1033	1058	970	13.71	cps
Calcium	44-1	16819	17403	17904	17375	3.12	cps
Chromium	52-2	193	250	233	226	12.91	cps
Cobalt	59-2	80	60	37	59	36.83	cps
Copper	63-2	167	170	170	169	1.14	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	42	33	25.00	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5626046	5519800	5319821	5488556	2.83	cps
Holmium	165-2	1075356	940438	1047215	1021003	6.97	cps
Indium	115-1	4542142	4459290	4309901	4437111	2.65	cps
Indium	115-2	181199	160915	178719	173611	6.37	cps
Iron	56-2	4134	4084	3684	3967	6.22	cps
Iron	57-2	78	94	117	96	20.26	cps
Lead	206-1	867	772	733	791	8.67	cps
Lead	207-1	667	722	772	720	7.33	cps
Lead	208-1	3306	3317	3211	3278	1.77	cps
Lithium	6-1	721086	711071	689521	707226	2.28	cps
Magnesium	24-2	642	475	492	536	17.12	cps
Manganese	55-2	53	30	13	32	62.36	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	508	417	519	20.94	cps
Molybdenum	95-1	675	700	542	639	13.32	cps
Molybdenum	96-1	867	883	717	822	11.16	cps
Molybdenum	97-1	567	408	383	453	21.96	cps
Molybdenum	98-1	1217	942	950	1036	15.10	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	430	427	310	389	17.57	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2750	2650	2592	2664	3.01	cps
Rhodium	103-1	4164528	4124099	3983613	4090747	2.32	cps
Rhodium	103-2	1013583	897781	992072	967812	6.36	cps
Scandium	45-1	2530995	2500513	2403394	2478301	2.69	cps
Scandium	45-2	19327	17127	18900	18451	6.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-3	-16	-20	-13	-64.86	cps
Silicon	28-1	412848	412200	413443	412830	0.15	cps
Silver	109-1	208	275	250	244	13.78	cps
Silver	107-1	142	208	133	161	25.52	cps
Sodium	23-2	12665	12715	12881	12753	0.89	cps
Strontium	86-1	283	433	533	417	30.20	cps
Strontium	88-1	75	42	108	75	44.44	cps
Sulfur	34-1	356104	358699	360374	358392	0.60	cps
Terbium	159-1	5930139	5740465	5596236	5755614	2.91	cps
Terbium	159-2	1028156	905750	1008007	980638	6.69	cps
Thallium	203-1	1067	850	975	964	11.28	cps
Thallium	205-1	2350	2117	2084	2184	6.66	cps
Tin	118-1	825	867	758	817	6.69	cps
Titanium	47-1	167	108	150	142	21.21	cps
Uranium	238-1	25	50	67	47	44.41	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	4724654	4611418	4455521	4597198	2.94	cps
Yttrium	89-2	136336	120932	132253	129840	6.15	cps
Zinc	66-2	23	23	20	22	8.65	cps
Zirconium	90-1	325	567	375	422	30.21	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:33:11	DataFile Name :	018CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	83	94	20.37	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	50	117	103	46.11	cps
Antimony	121-1	12648	13082	13549	13093	3.44	cps
Arsenic	75-2	78	87	67	77	13.22	cps
Barium	135-1	13599	13541	13691	13610	0.56	cps
Barium	137-1	22887	23238	23088	23071	0.76	cps
Beryllium	9-1	1161	1245	1333	1246	6.91	cps
Bismuth	209-1	3562186	3578855	3592585	3577875	0.43	cps
Bismuth	209-2	890453	889055	887729	889079	0.15	cps
Boron	10-1	3442	3200	3476	3373	4.45	cps
Boron	11-1	16268	16435	16452	16385	0.62	cps
Cadmium	111-1	1843	2076	1911	1943	6.16	cps
Cadmium	106-1	958	1100	1033	1031	6.88	cps
Cadmium	108-1	129	117	71	106	29.10	cps
Calcium	43-1	7294	6844	7552	7230	4.96	cps
Calcium	44-1	120221	117800	120373	119465	1.21	cps
Chromium	52-2	1343	1390	1333	1356	2.23	cps
Cobalt	59-2	1327	1177	1270	1258	6.02	cps
Copper	63-2	2010	2260	2107	2126	5.93	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	75	25	25	42	69.28	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5443266	5463785	5494267	5467106	0.47	cps
Holmium	165-2	1099455	1100885	1086478	1095606	0.72	cps
Indium	115-1	4403324	4380032	4385537	4389631	0.28	cps
Indium	115-2	186438	186133	185271	185947	0.33	cps
Iron	56-2	22034	21255	21906	21732	1.92	cps
Iron	57-2	606	528	517	550	8.81	cps
Lead	206-1	4796	4723	4868	4796	1.51	cps
Lead	207-1	4156	4351	4418	4308	3.15	cps
Lead	208-1	19418	19345	19601	19455	0.68	cps
Lithium	6-1	687642	694516	698197	693452	0.77	cps
Magnesium	24-2	10471	10679	11046	10732	2.71	cps
Manganese	55-2	173	200	207	193	9.12	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10988	10680	10655	10774	1.72	cps
Molybdenum	95-1	13232	13307	12840	13126	1.91	cps
Molybdenum	96-1	14625	14608	14508	14581	0.43	cps
Molybdenum	97-1	7961	8069	8186	8072	1.39	cps
Molybdenum	98-1	20934	20391	20700	20675	1.32	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	760	753	727	747	2.36	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	8495	8578	8603	8559	0.66	cps
Rhodium	103-1	3978910	4008832	4009694	3999145	0.44	cps
Rhodium	103-2	1040592	1036573	1032684	1036616	0.38	cps
Scandium	45-1	2421894	2440608	2463999	2442167	0.86	cps
Scandium	45-2	19510	19901	19814	19742	1.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	11	20	14	37.66	cps
Selenium	82-1	431	489	388	436	11.67	cps
Silicon	28-1	449064	451102	449667	449944	0.23	cps
Silver	109-1	6160	6035	6293	6163	2.10	cps
Silver	107-1	6060	6160	6627	6282	4.82	cps
Sodium	23-2	34918	34568	35102	34863	0.78	cps
Strontium	86-1	1984	2034	2125	2047	3.51	cps
Strontium	88-1	15393	14533	14024	14650	4.72	cps
Sulfur	34-1	369376	371720	373718	371604	0.58	cps
Terbium	159-1	5638490	5666401	5605667	5636853	0.54	cps
Terbium	159-2	1053390	1060442	1053231	1055688	0.39	cps
Thallium	203-1	5435	5643	5668	5582	2.30	cps
Thallium	205-1	14100	14017	13775	13964	1.21	cps
Tin	118-1	21635	22086	21009	21577	2.51	cps
Titanium	47-1	3092	3534	3301	3309	6.68	cps
Uranium	238-1	15343	15786	15861	15663	1.78	cps
Vanadium	51-2	2027	1934	2097	2019	4.06	cps
Yttrium	89-1	4569797	4599383	4571510	4580230	0.36	cps
Yttrium	89-2	140193	139345	137359	138966	1.05	cps
Zinc	66-2	253	300	220	258	15.59	cps
Zirconium	90-1	9529	9295	9337	9387	1.33	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:36:24	DataFile Name :	019SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2159	2192	2017	2122	4.38	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	383	400	433	406	6.28	cps
Arsenic	75-2	2	6	2	3	69.39	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	58	33	33	42	34.65	cps
Beryllium	9-1	283	267	222	257	12.27	cps
Bismuth	209-1	3574725	3588386	3593360	3585490	0.27	cps
Bismuth	209-2	890140	887138	886133	887803	0.23	cps
Boron	10-1	1108	1167	1083	1120	3.82	cps
Boron	11-1	5526	4984	4934	5148	6.38	cps
Cadmium	111-1	613	626	616	618	1.08	cps
Cadmium	106-1	850	875	867	864	1.47	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	883	950	1175	1003	15.24	cps
Calcium	44-1	16502	16460	16644	16535	0.58	cps
Chromium	52-2	283	223	237	248	12.72	cps
Cobalt	59-2	73	43	73	63	27.35	cps
Copper	63-2	130	173	133	146	16.57	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	0	33	25	88.19	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5432951	5467601	5476705	5459086	0.42	cps
Holmium	165-2	1085023	1082447	1086267	1084579	0.18	cps
Indium	115-1	4401680	4387406	4367274	4385453	0.39	cps
Indium	115-2	185845	182985	185145	184658	0.81	cps
Iron	56-2	2806	2650	2661	2706	3.21	cps
Iron	57-2	89	67	89	81	15.74	cps
Lead	206-1	600	594	656	617	5.48	cps
Lead	207-1	589	589	506	561	8.57	cps
Lead	208-1	2450	2389	2300	2380	3.17	cps
Lithium	6-1	695486	691937	694686	694036	0.27	cps
Magnesium	24-2	767	833	733	778	6.55	cps
Manganese	55-2	20	27	20	22	17.33	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	175	142	186	27.36	cps
Molybdenum	95-1	150	167	225	181	21.81	cps
Molybdenum	96-1	225	258	158	214	23.81	cps
Molybdenum	97-1	92	83	133	103	26.06	cps
Molybdenum	98-1	350	208	225	261	29.66	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	350	407	382	7.62	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2734	2650	2409	2598	6.50	cps
Rhodium	103-1	4031403	4037176	4007358	4025313	0.39	cps
Rhodium	103-2	1028384	1032249	1031409	1030681	0.20	cps
Scandium	45-1	2435779	2463683	2435813	2445091	0.66	cps
Scandium	45-2	19684	19614	19223	19507	1.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	31	-9	8	10	194.43	cps
Silicon	28-1	410466	413385	410693	411515	0.39	cps
Silver	109-1	167	92	150	136	28.94	cps
Silver	107-1	108	200	167	158	29.30	cps
Sodium	23-2	11889	12097	12114	12033	1.04	cps
Strontium	86-1	467	342	483	431	17.98	cps
Strontium	88-1	83	100	50	78	32.74	cps
Sulfur	34-1	369315	372088	374068	371824	0.64	cps
Terbium	159-1	5663483	5670812	5638457	5657584	0.30	cps
Terbium	159-2	1045854	1046765	1045714	1046111	0.05	cps
Thallium	203-1	525	600	658	594	11.24	cps
Thallium	205-1	1333	1333	1317	1328	0.72	cps
Tin	118-1	533	642	450	542	17.74	cps
Titanium	47-1	208	183	108	167	31.23	cps
Uranium	238-1	42	50	0	31	87.67	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	4627039	4586903	4551393	4588445	0.82	cps
Yttrium	89-2	140167	137887	137800	138618	0.97	cps
Zinc	66-2	7	7	33	16	98.94	cps
Zirconium	90-1	292	342	308	314	8.11	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BL	Instrumnet Name :	P8
Client Sample ID :	PB105598BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:39:35	DataFile Name :	020CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	75	83	75	11.11	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BS	Instrumnet Name :	P8
Client Sample ID :	PB105598BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:42:47	DataFile Name :	021LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42774	42523	41453	42250	1.66	cps
Antimony	121-1	3445643	3472601	3459603	3459282	0.39	cps
Arsenic	75-2	37348	37625	37103	37359	0.70	cps
Barium	135-1	3599695	3606368	3622457	3609507	0.32	cps
Barium	137-1	6167264	6120625	6218778	6168889	0.80	cps
Beryllium	9-1	436027	428431	432815	432425	0.88	cps
Bismuth	209-1	3483807	3528109	3511302	3507739	0.64	cps
Bismuth	209-2	853076	856768	856429	855424	0.24	cps
Boron	10-1	47714	47329	49428	48157	2.32	cps
Boron	11-1	216949	225872	229287	224036	2.84	cps
Cadmium	111-1	698399	698110	704748	700419	0.54	cps
Cadmium	106-1	73802	72688	74414	73635	1.19	cps
Cadmium	108-1	49859	50494	50398	50250	0.68	cps
Calcium	43-1	678882	677633	673240	676585	0.44	cps
Calcium	44-1	11003346	11033940	10973587	11003624	0.27	cps
Chromium	52-2	280412	282408	278933	280584	0.62	cps
Cobalt	59-2	606495	606551	596500	603182	0.96	cps
Copper	63-2	1035403	1025529	1028042	1029658	0.50	cps
Dysprosium	156-1	58	17	33	36	58.08	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5413993	5461091	5352975	5409353	1.00	cps
Holmium	165-2	1075156	1071551	1075532	1074079	0.20	cps
Indium	115-1	4226643	4223708	4245172	4231841	0.28	cps
Indium	115-2	177545	176041	173050	175545	1.30	cps
Iron	56-2	9550934	9389369	9447012	9462439	0.87	cps
Iron	57-2	238902	237067	240202	238723	0.66	cps
Lead	206-1	2181548	2163928	2171339	2172272	0.41	cps
Lead	207-1	2028456	2022701	2012251	2021136	0.41	cps
Lead	208-1	8868229	8821996	8808146	8832790	0.36	cps
Lithium	6-1	672426	677997	678416	676279	0.49	cps
Magnesium	24-2	1012363	1005679	1013477	1010506	0.42	cps
Manganese	55-2	161821	162999	163390	162736	0.50	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BS	Instrumnet Name :	P8
Client Sample ID :	PB105598BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:42:47	DataFile Name :	021LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5517830	5496706	5582523	5532353	0.81	cps
Molybdenum	95-1	6815282	6712800	6818322	6782134	0.89	cps
Molybdenum	96-1	7588798	7607028	7525613	7573813	0.56	cps
Molybdenum	97-1	4227794	4254877	4199409	4227360	0.66	cps
Molybdenum	98-1	10843339	10777131	10894216	10838229	0.54	cps
Neodymium	150-1	193	120	147	153	24.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	174139	174700	173509	174116	0.34	cps
Phosphorus	31-2	2925	3326	3317	3189	7.17	cps
Potassium	39-2	297220	294537	290888	294215	1.08	cps
Rhodium	103-1	3865221	3845609	3901456	3870762	0.73	cps
Rhodium	103-2	990607	985198	973944	983250	0.86	cps
Scandium	45-1	2372085	2409359	2414385	2398609	0.96	cps
Scandium	45-2	19026	19293	18889	19070	1.08	cps
Selenium	77-2	280	270	277	276	1.85	cps
Selenium	78-2	915	941	893	916	2.63	cps
Selenium	82-1	44466	44802	44828	44699	0.45	cps
Silicon	28-1	1694426	1696381	1704544	1698450	0.32	cps
Silver	109-1	3353836	3306833	3326957	3329209	0.71	cps
Silver	107-1	3423237	3458285	3430389	3437304	0.54	cps
Sodium	23-2	2444358	2416223	2399870	2420150	0.93	cps
Strontium	86-1	867498	873287	861033	867273	0.71	cps
Strontium	88-1	7523599	7591888	7566453	7560647	0.46	cps
Sulfur	34-1	557526	562769	559272	559856	0.48	cps
Terbium	159-1	5568488	5605710	5608139	5594112	0.40	cps
Terbium	159-2	1041713	1036916	1033975	1037535	0.38	cps
Thallium	203-1	2669655	2685545	2624152	2659784	1.20	cps
Thallium	205-1	6257351	6265173	6219493	6247339	0.39	cps
Tin	118-1	2304223	2329620	2294122	2309322	0.79	cps
Titanium	47-1	1738622	1752831	1760787	1750747	0.64	cps
Uranium	238-1	8573575	8589854	8461416	8541615	0.82	cps
Vanadium	51-2	213128	212029	212722	212626	0.26	cps
Yttrium	89-1	4497192	4500491	4451955	4483213	0.60	cps
Yttrium	89-2	135343	134208	134093	134548	0.51	cps
Zinc	66-2	95516	95828	95919	95754	0.22	cps
Zirconium	90-1	4684755	4689639	4668007	4680800	0.24	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105598BS	Instrumnet Name :	P8
Client Sample ID :	PB105598BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:42:47	DataFile Name :	021LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1019730	1029068	1019558	1022785	0.53	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	333	350	356	7.16	cps
Antimony	121-1	31597	32273	32115	31995	1.11	cps
Arsenic	75-2	674	720	652	682	5.13	cps
Barium	135-1	364458	370296	374702	369819	1.39	cps
Barium	137-1	631242	639966	642553	637920	0.93	cps
Beryllium	9-1	600	506	472	526	12.60	cps
Bismuth	209-1	3105606	3072674	3079441	3085907	0.56	cps
Bismuth	209-2	753696	674410	743586	723897	5.96	cps
Boron	10-1	26584	27310	27285	27060	1.52	cps
Boron	11-1	124528	125721	129575	126608	2.08	cps
Cadmium	111-1	1311	1288	1190	1263	5.09	cps
Cadmium	106-1	583	817	825	742	18.50	cps
Cadmium	108-1	79	67	83	76	11.36	cps
Calcium	43-1	1433812	1450635	1448858	1444435	0.64	cps
Calcium	44-1	22846563	22838361	23076937	22920620	0.59	cps
Chromium	52-2	920	913	820	884	6.32	cps
Cobalt	59-2	1127	1287	1173	1196	6.88	cps
Copper	63-2	6308	6658	6562	6509	2.78	cps
Dysprosium	156-1	233	175	183	197	16.00	cps
Dysprosium	156-2	10	37	33	27	54.49	cps
Erbium	164-1	133	217	133	161	29.86	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	175	142	92	136	30.82	cps
Gadolinium	160-2	23	20	23	22	8.65	cps
Holmium	165-1	4692624	4687500	4725998	4702041	0.44	cps
Holmium	165-2	919606	836330	915812	890582	5.28	cps
Indium	115-1	3858372	3844706	3921848	3874975	1.06	cps
Indium	115-2	158438	145740	156190	153456	4.42	cps
Iron	56-2	83599	83588	83504	83564	0.06	cps
Iron	57-2	2167	2206	2222	2198	1.30	cps
Lead	206-1	23917	22554	23378	23283	2.95	cps
Lead	207-1	19382	19348	18714	19148	1.96	cps
Lead	208-1	90286	88951	87635	88958	1.49	cps
Lithium	6-1	744759	757051	773753	758521	1.92	cps
Magnesium	24-2	147205	146397	146859	146820	0.28	cps
Manganese	55-2	42515	43498	42582	42865	1.28	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8186	7644	9420	8417	10.81	cps
Molybdenum	95-1	13941	13999	13649	13863	1.35	cps
Molybdenum	96-1	14759	14425	15092	14759	2.26	cps
Molybdenum	97-1	8995	9470	8711	9059	4.23	cps
Molybdenum	98-1	22036	21627	21952	21871	0.99	cps
Neodymium	150-1	213	200	200	204	3.76	cps
Neodymium	150-2	30	40	20	30	33.33	cps
Nickel	60-2	4951	5024	5024	5000	0.85	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	20182	19781	20340	20101	1.43	cps
Rhodium	103-1	3365916	3380836	3430121	3392291	0.99	cps
Rhodium	103-2	874388	801477	871278	849048	4.86	cps
Scandium	45-1	2163390	2162042	2183043	2169491	0.54	cps
Scandium	45-2	17628	15869	17651	17049	6.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	2	6	62.47	cps
Selenium	82-1	-172	-256	-327	-252	-30.76	cps
Silicon	28-1	19639028	19872176	20059812	19857005	1.06	cps
Silver	109-1	4401	3451	2825	3559	22.29	cps
Silver	107-1	4559	3526	3142	3742	19.59	cps
Sodium	23-2	2224219	2176884	2223591	2208232	1.23	cps
Strontium	86-1	499326	505498	511227	505350	1.18	cps
Strontium	88-1	4384805	4450366	4484341	4439837	1.14	cps
Sulfur	34-1	601340	607954	603971	604422	0.55	cps
Terbium	159-1	4802822	4802735	4970803	4858787	2.00	cps
Terbium	159-2	893705	804504	879005	859071	5.57	cps
Thallium	203-1	2384	1909	1700	1997	17.54	cps
Thallium	205-1	6160	4776	3976	4971	22.23	cps
Tin	118-1	8578	8903	9304	8928	4.07	cps
Titanium	47-1	2721	1675	1867	2088	26.67	cps
Uranium	238-1	20100	20292	21161	20518	2.75	cps
Vanadium	51-2	2150	2087	2314	2184	5.36	cps
Yttrium	89-1	3957263	3973408	3982957	3971209	0.33	cps
Yttrium	89-2	119194	107005	117197	114465	5.71	cps
Zinc	66-2	12432	12336	12159	12309	1.13	cps
Zirconium	90-1	1759	1817	1525	1700	9.08	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW218-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:45:49	DataFile Name :	022SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	375	367	369	1.30	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	92	56	56.79	cps
Antimony	121-1	7628	8136	8436	8067	5.07	cps
Arsenic	75-2	7458	7115	6887	7153	4.02	cps
Barium	135-1	451223	465784	464472	460493	1.75	cps
Barium	137-1	795995	796693	799286	797325	0.22	cps
Beryllium	9-1	328	333	389	350	9.66	cps
Bismuth	209-1	3060401	3048869	3078886	3062719	0.49	cps
Bismuth	209-2	736241	726808	731305	731451	0.65	cps
Boron	10-1	89227	91541	92564	91111	1.88	cps
Boron	11-1	414536	423874	435487	424633	2.47	cps
Cadmium	111-1	632	698	555	629	11.38	cps
Cadmium	106-1	692	683	567	647	10.80	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	1226878	1269320	1290360	1262186	2.56	cps
Calcium	44-1	20085903	20118446	20369278	20191209	0.77	cps
Chromium	52-2	813	907	850	857	5.49	cps
Cobalt	59-2	20916	21196	21126	21079	0.69	cps
Copper	63-2	1730	1877	1900	1836	5.02	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	25	83	75	61	51.63	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	4747814	4808305	4807920	4788013	0.73	cps
Holmium	165-2	928059	910547	912937	917181	1.04	cps
Indium	115-1	3794161	3900727	3828781	3841223	1.42	cps
Indium	115-2	156798	152227	153032	154019	1.58	cps
Iron	56-2	2434703	2395179	2409665	2413183	0.83	cps
Iron	57-2	60225	59109	59974	59769	0.98	cps
Lead	206-1	1511	1478	1572	1521	3.15	cps
Lead	207-1	1339	1400	1478	1406	4.95	cps
Lead	208-1	6240	6295	6256	6264	0.46	cps
Lithium	6-1	812267	830718	838031	827005	1.61	cps
Magnesium	24-2	277151	272670	274636	274819	0.82	cps
Manganese	55-2	34683	34062	33668	34137	1.50	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8728	8578	9195	8834	3.64	cps
Molybdenum	95-1	14075	15126	15217	14806	4.29	cps
Molybdenum	96-1	15868	15209	16252	15776	3.34	cps
Molybdenum	97-1	9262	9204	9671	9379	2.71	cps
Molybdenum	98-1	23313	23605	23396	23438	0.64	cps
Neodymium	150-1	80	107	60	82	28.48	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	92588	92280	91116	91995	0.84	cps
Phosphorus	31-2	17	8	33	19	65.47	cps
Potassium	39-2	25441	24864	24038	24781	2.85	cps
Rhodium	103-1	3400365	3421514	3437690	3419857	0.55	cps
Rhodium	103-2	875869	865222	866424	869172	0.67	cps
Scandium	45-1	2149276	2165882	2161291	2158816	0.40	cps
Scandium	45-2	17104	16997	16673	16925	1.32	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-284	-465	-552	-434	-31.57	cps
Silicon	28-1	27383317	27521295	27703726	27536113	0.58	cps
Silver	109-1	1075	967	983	1008	5.78	cps
Silver	107-1	1167	975	1042	1061	9.17	cps
Sodium	23-2	3128494	3125774	3152743	3135670	0.47	cps
Strontium	86-1	523094	523738	529381	525404	0.66	cps
Strontium	88-1	4581757	4626722	4613871	4607450	0.50	cps
Sulfur	34-1	344275	342159	345760	344065	0.53	cps
Terbium	159-1	4836331	4940605	4977860	4918265	1.49	cps
Terbium	159-2	884740	874475	874488	877901	0.67	cps
Thallium	203-1	600	400	375	458	26.91	cps
Thallium	205-1	1250	967	1117	1111	12.76	cps
Tin	118-1	7294	7728	7436	7486	2.95	cps
Titanium	47-1	983	1000	992	992	0.84	cps
Uranium	238-1	83	117	92	97	17.84	cps
Vanadium	51-2	867	790	757	804	7.01	cps
Yttrium	89-1	3976003	3968317	4005887	3983403	0.50	cps
Yttrium	89-2	116905	114092	116995	115997	1.42	cps
Zinc	66-2	407	310	333	350	14.41	cps
Zirconium	90-1	1192	1217	1409	1272	9.32	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-02	Instrumnet Name :	P8
Client Sample ID :	SS038MW077-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:48:59	DataFile Name :	023SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	400	375	347	20.41	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	200	150	156	26.96	cps
Antimony	121-1	8812	8536	9337	8895	4.57	cps
Arsenic	75-2	7808	7524	7628	7653	1.87	cps
Barium	135-1	168214	170865	166762	168614	1.23	cps
Barium	137-1	290836	292271	292002	291703	0.26	cps
Beryllium	9-1	289	322	272	294	8.65	cps
Bismuth	209-1	3048314	3100597	3072547	3073819	0.85	cps
Bismuth	209-2	737077	735715	731711	734835	0.38	cps
Boron	10-1	20090	19847	19614	19851	1.20	cps
Boron	11-1	90485	91224	93128	91612	1.49	cps
Cadmium	111-1	610	663	567	613	7.83	cps
Cadmium	106-1	733	742	608	695	10.76	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	951572	951940	961427	954979	0.59	cps
Calcium	44-1	15613933	15517884	15678782	15603533	0.52	cps
Chromium	52-2	1210	1157	1117	1161	4.03	cps
Cobalt	59-2	927	807	943	892	8.36	cps
Copper	63-2	2517	2514	2837	2623	7.08	cps
Dysprosium	156-1	58	75	83	72	17.62	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	117	125	100	114	11.18	cps
Erbium	164-2	13	17	0	10	88.20	cps
Gadolinium	160-1	100	117	100	106	9.12	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	4681056	4747979	4762242	4730426	0.92	cps
Holmium	165-2	919958	914229	917670	917286	0.31	cps
Indium	115-1	3816232	3792873	3862787	3823964	0.93	cps
Indium	115-2	153381	151288	150664	151778	0.94	cps
Iron	56-2	2545467	2521714	2503508	2523563	0.83	cps
Iron	57-2	62066	62066	61134	61755	0.87	cps
Lead	206-1	4245	4284	4134	4221	1.84	cps
Lead	207-1	3295	3489	3539	3441	3.75	cps
Lead	208-1	16366	16660	16332	16453	1.10	cps
Lithium	6-1	863211	876618	883817	874549	1.20	cps
Magnesium	24-2	224138	220668	223876	222894	0.87	cps
Manganese	55-2	40970	40589	39673	40411	1.65	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5435	5193	5268	5299	2.33	cps
Molybdenum	95-1	8603	8870	8820	8764	1.62	cps
Molybdenum	96-1	9862	9846	9496	9735	2.13	cps
Molybdenum	97-1	5852	6018	5910	5927	1.43	cps
Molybdenum	98-1	14333	13991	14208	14177	1.22	cps
Neodymium	150-1	67	147	133	116	37.09	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	10391	10467	10481	10446	0.47	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	13057	12014	13348	12806	5.48	cps
Rhodium	103-1	3371419	3394831	3431668	3399306	0.89	cps
Rhodium	103-2	872553	871707	872145	872135	0.05	cps
Scandium	45-1	2101966	2122728	2138370	2121021	0.86	cps
Scandium	45-2	16773	16049	16583	16469	2.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-548	-538	-722	-603	-17.21	cps
Silicon	28-1	19563378	19853013	19740370	19718920	0.74	cps
Silver	109-1	842	775	675	764	10.98	cps
Silver	107-1	758	825	667	750	10.60	cps
Sodium	23-2	894507	878767	888546	887273	0.90	cps
Strontium	86-1	802539	809031	807102	806224	0.41	cps
Strontium	88-1	7020850	7043169	7034309	7032776	0.16	cps
Sulfur	34-1	332221	333032	329321	331525	0.59	cps
Terbium	159-1	4827696	4920589	4947313	4898532	1.28	cps
Terbium	159-2	888483	877026	879997	881835	0.67	cps
Thallium	203-1	367	392	425	394	7.42	cps
Thallium	205-1	717	808	867	797	9.49	cps
Tin	118-1	7886	8378	8503	8256	3.95	cps
Titanium	47-1	992	925	1258	1058	16.67	cps
Uranium	238-1	325	233	317	292	17.38	cps
Vanadium	51-2	137	130	137	134	2.86	cps
Yttrium	89-1	3900823	3899714	3951013	3917183	0.75	cps
Yttrium	89-2	115456	114179	114579	114738	0.57	cps
Zinc	66-2	2390	2490	2384	2421	2.47	cps
Zirconium	90-1	742	783	650	725	9.41	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-03	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:52:08	DataFile Name :	024SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	308	208	300	29.27	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	242	192	219	11.60	cps
Antimony	121-1	8428	8728	9404	8853	5.64	cps
Arsenic	75-2	3328	3278	3267	3291	0.99	cps
Barium	135-1	584947	582601	584186	583911	0.20	cps
Barium	137-1	1008699	1012672	1014179	1011850	0.28	cps
Beryllium	9-1	267	211	278	252	14.18	cps
Bismuth	209-1	3079800	3113645	3094085	3095843	0.55	cps
Bismuth	209-2	727666	724868	723995	725510	0.26	cps
Boron	10-1	21859	21150	22201	21737	2.47	cps
Boron	11-1	100535	101499	101398	101144	0.52	cps
Cadmium	111-1	556	575	550	561	2.29	cps
Cadmium	106-1	650	675	642	656	2.65	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	1300343	1308619	1298438	1302467	0.42	cps
Calcium	44-1	20931932	21001126	20926430	20953163	0.20	cps
Chromium	52-2	927	870	947	914	4.35	cps
Cobalt	59-2	417	380	373	390	5.98	cps
Copper	63-2	2217	1947	2077	2080	6.49	cps
Dysprosium	156-1	33	58	17	36	58.08	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	17	75	44	65.84	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	4739644	4786181	4853489	4793105	1.19	cps
Holmium	165-2	924297	909211	908401	913970	0.98	cps
Indium	115-1	3858504	3831732	3851795	3847344	0.36	cps
Indium	115-2	150702	149236	149524	149821	0.52	cps
Iron	56-2	3027823	3020604	3024373	3024267	0.12	cps
Iron	57-2	74220	75153	73700	74357	0.99	cps
Lead	206-1	2467	2867	2706	2680	7.51	cps
Lead	207-1	2000	2228	2417	2215	9.42	cps
Lead	208-1	9630	10324	10408	10120	4.22	cps
Lithium	6-1	879850	885549	882698	882699	0.32	cps
Magnesium	24-2	233054	230200	228744	230666	0.95	cps
Manganese	55-2	18976	19447	19207	19210	1.23	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4084	3934	3959	3992	2.01	cps
Molybdenum	95-1	6002	6152	6310	6154	2.51	cps
Molybdenum	96-1	6585	6727	6569	6627	1.31	cps
Molybdenum	97-1	4067	4059	3901	4009	2.34	cps
Molybdenum	98-1	10121	10179	9954	10085	1.16	cps
Neodymium	150-1	60	47	47	51	15.06	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	14641	14284	14591	14506	1.33	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	15459	16393	15409	15754	3.52	cps
Rhodium	103-1	3404643	3387283	3412492	3401473	0.38	cps
Rhodium	103-2	872891	863910	861630	866144	0.69	cps
Scandium	45-1	2128351	2141066	2142312	2137243	0.36	cps
Scandium	45-2	17091	16273	16253	16539	2.89	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-449	-477	-680	-535	-23.54	cps
Silicon	28-1	24037897	23855649	23963437	23952328	0.38	cps
Silver	109-1	642	508	625	592	12.28	cps
Silver	107-1	542	517	550	536	3.24	cps
Sodium	23-2	2611865	2563059	2603207	2592711	1.00	cps
Strontium	86-1	818005	817618	824254	819959	0.45	cps
Strontium	88-1	7171145	7035105	7246860	7151037	1.50	cps
Sulfur	34-1	339087	336613	331283	335661	1.19	cps
Terbium	159-1	4939679	5035926	5050182	5008596	1.20	cps
Terbium	159-2	886625	872928	872716	877423	0.91	cps
Thallium	203-1	242	308	225	258	17.07	cps
Thallium	205-1	650	617	542	603	9.21	cps
Tin	118-1	49743	51350	51977	51023	2.26	cps
Titanium	47-1	1200	1258	1400	1286	8.00	cps
Uranium	238-1	125	117	183	142	25.64	cps
Vanadium	51-2	513	640	663	606	13.33	cps
Yttrium	89-1	3931955	3927627	3987246	3948942	0.84	cps
Yttrium	89-2	114101	113655	114874	114210	0.54	cps
Zinc	66-2	440	517	553	503	11.49	cps
Zirconium	90-1	1025	858	1050	978	10.66	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-04	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180108	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:55:18	DataFile Name :	025SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	317	200	275	23.67	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	25	33	44	60.28	cps
Antimony	121-1	10288	10663	11422	10791	5.36	cps
Arsenic	75-2	741	754	724	740	2.01	cps
Barium	135-1	368567	375712	374691	372990	1.04	cps
Barium	137-1	644857	649364	648437	647553	0.37	cps
Beryllium	9-1	228	222	250	233	6.30	cps
Bismuth	209-1	3007840	3085537	3065098	3052825	1.32	cps
Bismuth	209-2	715962	711062	714016	713680	0.35	cps
Boron	10-1	20699	21016	20816	20844	0.77	cps
Boron	11-1	98814	98134	99611	98853	0.75	cps
Cadmium	111-1	557	604	584	582	4.03	cps
Cadmium	106-1	675	742	708	708	4.71	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	1237241	1251137	1250819	1246399	0.64	cps
Calcium	44-1	19957957	20063323	20117901	20046394	0.41	cps
Chromium	52-2	610	560	500	557	9.89	cps
Cobalt	59-2	1037	1070	1033	1047	1.94	cps
Copper	63-2	2227	2254	2380	2287	3.58	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	0	17	22	114.56	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	4780078	4773744	4809581	4787801	0.40	cps
Holmium	165-2	890743	891121	893047	891637	0.14	cps
Indium	115-1	3783293	3808758	3849852	3813968	0.88	cps
Indium	115-2	148436	146446	146383	147088	0.79	cps
Iron	56-2	204899	204666	204065	204543	0.21	cps
Iron	57-2	5307	5029	4873	5070	4.33	cps
Lead	206-1	1934	1939	1845	1906	2.78	cps
Lead	207-1	1572	1522	1739	1611	7.04	cps
Lead	208-1	7512	7312	7657	7494	2.31	cps
Lithium	6-1	894982	897290	902216	898163	0.41	cps
Magnesium	24-2	230208	230048	226154	228803	1.00	cps
Manganese	55-2	75453	75871	75013	75446	0.57	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2134	1975	2200	2103	5.50	cps
Molybdenum	95-1	2984	3384	3442	3270	7.63	cps
Molybdenum	96-1	3467	3801	3826	3698	5.41	cps
Molybdenum	97-1	2192	2242	2425	2286	5.37	cps
Molybdenum	98-1	5385	5326	5101	5271	2.84	cps
Neodymium	150-1	73	40	7	40	83.33	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1310	1203	1327	1280	5.23	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	22903	22018	21642	22188	2.92	cps
Rhodium	103-1	3367525	3395236	3369155	3377306	0.46	cps
Rhodium	103-2	846891	847626	849769	848095	0.18	cps
Scandium	45-1	2102094	2139351	2124435	2121960	0.88	cps
Scandium	45-2	16126	16099	16226	16151	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-503	-691	-825	-673	-23.99	cps
Silicon	28-1	19842200	19816102	19798806	19819036	0.11	cps
Silver	109-1	450	542	542	511	10.35	cps
Silver	107-1	558	417	483	486	14.58	cps
Sodium	23-2	1861845	1867942	1853262	1861016	0.40	cps
Strontium	86-1	921933	915867	922108	919969	0.39	cps
Strontium	88-1	7983234	8000415	7989067	7990905	0.11	cps
Sulfur	34-1	446787	439218	437738	441248	1.10	cps
Terbium	159-1	4932415	4897327	4967569	4932437	0.71	cps
Terbium	159-2	857153	853134	855856	855381	0.24	cps
Thallium	203-1	383	392	383	386	1.25	cps
Thallium	205-1	950	842	950	914	6.84	cps
Tin	118-1	6210	6268	6327	6268	0.93	cps
Titanium	47-1	1033	1092	942	1022	7.40	cps
Uranium	238-1	16336	16862	16562	16587	1.59	cps
Vanadium	51-2	1700	1607	1663	1657	2.84	cps
Yttrium	89-1	3880538	3903191	3879478	3887735	0.34	cps
Yttrium	89-2	110008	111157	110922	110696	0.55	cps
Zinc	66-2	290	233	250	258	11.30	cps
Zirconium	90-1	475	475	392	447	10.76	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 15:58:28	DataFile Name :	026SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	75	92	18.18	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:01:39	DataFile Name :	027SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.64	cps
Antimony	121-1	10263	10496	11472	10744	5.97	cps
Arsenic	75-2	298	280	317	298	6.21	cps
Barium	135-1	162750	166019	167818	165529	1.55	cps
Barium	137-1	282795	289703	284633	285710	1.25	cps
Beryllium	9-1	261	211	161	211	23.68	cps
Bismuth	209-1	3024601	3055994	2822765	2967787	4.26	cps
Bismuth	209-2	722746	616241	717305	685430	8.75	cps
Boron	10-1	18930	20023	19539	19497	2.81	cps
Boron	11-1	89177	89244	92120	90180	1.86	cps
Cadmium	111-1	497	445	543	495	9.90	cps
Cadmium	106-1	633	525	642	600	10.85	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	1385395	1397119	1420202	1400905	1.26	cps
Calcium	44-1	22224502	22341639	22808006	22458049	1.37	cps
Chromium	52-2	473	453	543	490	9.64	cps
Cobalt	59-2	3637	3627	3601	3622	0.52	cps
Copper	63-2	5565	5528	5841	5645	3.04	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	4691700	4739369	4399979	4610349	3.99	cps
Holmium	165-2	898923	769334	896413	854890	8.67	cps
Indium	115-1	3737539	3807200	3485263	3676668	4.61	cps
Indium	115-2	149386	127578	148564	141843	8.71	cps
Iron	56-2	205992	207408	205380	206260	0.50	cps
Iron	57-2	5262	5507	5084	5284	4.01	cps
Lead	206-1	1628	1472	1556	1552	5.02	cps
Lead	207-1	1261	1206	1411	1293	8.23	cps
Lead	208-1	5873	5645	6251	5923	5.16	cps
Lithium	6-1	880054	876623	846199	867625	2.15	cps
Magnesium	24-2	211400	212531	213599	212510	0.52	cps
Manganese	55-2	62831	63946	63523	63433	0.89	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:01:39	DataFile Name :	027SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2775	2734	2992	2834	4.90	cps
Molybdenum	95-1	4451	4059	4084	4198	5.22	cps
Molybdenum	96-1	4301	4543	4493	4445	2.87	cps
Molybdenum	97-1	2317	2650	2484	2484	6.71	cps
Molybdenum	98-1	6702	6352	6377	6477	3.02	cps
Neodymium	150-1	47	27	27	33	34.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4868	4564	4794	4742	3.34	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	25207	25073	24389	24890	1.76	cps
Rhodium	103-1	3310608	3329743	3159200	3266517	2.86	cps
Rhodium	103-2	858059	730515	858803	815792	9.05	cps
Scandium	45-1	2077364	2105243	1942364	2041657	4.27	cps
Scandium	45-2	16733	14371	16106	15737	7.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-547	-593	-768	-636	-18.30	cps
Silicon	28-1	19706835	19692753	19904106	19767898	0.60	cps
Silver	109-1	433	383	325	381	14.25	cps
Silver	107-1	367	300	350	339	10.24	cps
Sodium	23-2	2084024	2086878	2069008	2079970	0.46	cps
Strontium	86-1	886461	898900	901853	895738	0.91	cps
Strontium	88-1	7812651	7840096	7793529	7815425	0.30	cps
Sulfur	34-1	655315	653839	654189	654448	0.12	cps
Terbium	159-1	4820965	4939233	4569708	4776635	3.95	cps
Terbium	159-2	865512	733981	862721	820738	9.16	cps
Thallium	203-1	325	342	283	317	9.49	cps
Thallium	205-1	750	667	892	770	14.78	cps
Tin	118-1	6452	6702	6510	6555	2.00	cps
Titanium	47-1	867	992	900	920	7.04	cps
Uranium	238-1	15736	16103	16628	16156	2.78	cps
Vanadium	51-2	580	573	567	573	1.16	cps
Yttrium	89-1	3814213	3894157	3625421	3777930	3.65	cps
Yttrium	89-2	112734	96236	112704	107225	8.88	cps
Zinc	66-2	327	410	410	382	12.59	cps
Zirconium	90-1	1317	1700	1517	1511	12.69	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:01:39	DataFile Name :	027SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	325	400	372	11.04	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06DUP	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:04:49	DataFile Name :	028SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	10613	10763	10980	10785	1.71	cps
Arsenic	75-2	296	291	289	292	1.32	cps
Barium	135-1	164697	165921	167877	166165	0.97	cps
Barium	137-1	282535	285696	287768	285333	0.92	cps
Beryllium	9-1	144	172	178	165	10.83	cps
Bismuth	209-1	2978575	2875002	2839248	2897609	2.50	cps
Bismuth	209-2	669710	703975	701120	691602	2.75	cps
Boron	10-1	19097	18713	18863	18891	1.02	cps
Boron	11-1	86989	89226	91600	89272	2.58	cps
Cadmium	111-1	615	453	486	518	16.56	cps
Cadmium	106-1	758	592	608	653	14.06	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	1390413	1393764	1392929	1392369	0.13	cps
Calcium	44-1	22293857	22529724	22397733	22407104	0.53	cps
Chromium	52-2	413	430	437	427	2.82	cps
Cobalt	59-2	3604	3564	3584	3584	0.56	cps
Copper	63-2	5508	5651	5841	5667	2.95	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	4626492	4516936	4406687	4516705	2.43	cps
Holmium	165-2	834989	872762	875030	860927	2.61	cps
Indium	115-1	3647798	3577197	3510903	3578633	1.91	cps
Indium	115-2	138569	144973	146072	143205	2.83	cps
Iron	56-2	203551	204166	203728	203815	0.16	cps
Iron	57-2	5268	5440	5223	5310	2.16	cps
Lead	206-1	1539	1528	1583	1550	1.90	cps
Lead	207-1	1350	1461	1333	1382	5.03	cps
Lead	208-1	6040	5917	6067	6008	1.33	cps
Lithium	6-1	849548	832756	822086	834797	1.66	cps
Magnesium	24-2	208592	208851	206586	208010	0.60	cps
Manganese	55-2	62998	62292	61635	62308	1.09	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06DUP	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:04:49	DataFile Name :	028SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2967	2634	2750	2784	6.08	cps
Molybdenum	95-1	3876	4309	3726	3970	7.63	cps
Molybdenum	96-1	4801	4568	4643	4670	2.55	cps
Molybdenum	97-1	2709	2667	2392	2589	6.65	cps
Molybdenum	98-1	6769	6177	6902	6616	5.84	cps
Neodymium	150-1	27	0	47	24	95.78	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4608	4788	4678	4691	1.93	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	24989	24722	25165	24959	0.89	cps
Rhodium	103-1	3289480	3183526	3141176	3204727	2.38	cps
Rhodium	103-2	794399	830767	839927	821698	2.93	cps
Scandium	45-1	2040115	2013158	1933601	1995625	2.78	cps
Scandium	45-2	14945	16363	16139	15816	4.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-453	-676	-882	-670	-32.04	cps
Silicon	28-1	19493690	19753670	19713357	19653572	0.71	cps
Silver	109-1	333	358	433	375	13.88	cps
Silver	107-1	400	417	425	414	3.08	cps
Sodium	23-2	2051795	2049345	2028278	2043139	0.63	cps
Strontium	86-1	891214	893531	890840	891862	0.16	cps
Strontium	88-1	7731033	7886624	7784868	7800842	1.01	cps
Sulfur	34-1	651096	655233	654101	653477	0.33	cps
Terbium	159-1	4762453	4632762	4557326	4650847	2.23	cps
Terbium	159-2	799687	841181	843452	828107	2.98	cps
Thallium	203-1	292	283	300	292	2.86	cps
Thallium	205-1	633	650	775	686	11.29	cps
Tin	118-1	6085	6168	6494	6249	3.45	cps
Titanium	47-1	650	733	950	778	19.91	cps
Uranium	238-1	15260	16478	16311	16017	4.12	cps
Vanadium	51-2	523	607	563	564	7.38	cps
Yttrium	89-1	3753702	3695569	3655968	3701746	1.33	cps
Yttrium	89-2	104587	109317	109622	107842	2.62	cps
Zinc	66-2	400	363	303	356	13.73	cps
Zirconium	90-1	1367	1634	1467	1489	9.05	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06DUP	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:04:49	DataFile Name :	028SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	283	425	336	23.04	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184449	184037	184027	184171	0.13	cps
Antimony	121-1	3113963	3136451	3140403	3130272	0.46	cps
Arsenic	75-2	33851	34096	34703	34216	1.28	cps
Barium	135-1	3551607	3586013	3552335	3563318	0.55	cps
Barium	137-1	6079093	6074219	6100013	6084441	0.23	cps
Beryllium	9-1	404191	401896	400129	402072	0.51	cps
Bismuth	209-1	3385104	3455132	3431940	3424058	1.04	cps
Bismuth	209-2	801584	791468	800814	797955	0.71	cps
Boron	10-1	45097	46217	48541	46618	3.77	cps
Boron	11-1	208816	214091	218606	213838	2.29	cps
Cadmium	111-1	666406	666808	671409	668208	0.42	cps
Cadmium	106-1	68961	70585	71004	70183	1.54	cps
Cadmium	108-1	46965	46906	47647	47173	0.87	cps
Calcium	43-1	3197379	3196981	3223953	3206105	0.48	cps
Calcium	44-1	51400149	51679812	51696539	51592166	0.32	cps
Chromium	52-2	260367	260248	258592	259735	0.38	cps
Cobalt	59-2	552817	551373	552571	552254	0.14	cps
Copper	63-2	936870	941720	940787	939792	0.27	cps
Dysprosium	156-1	75	75	42	64	30.12	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	3	0	27	10	145.32	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	10	13	33	19	66.81	cps
Holmium	165-1	5464357	5455208	5448764	5456109	0.14	cps
Holmium	165-2	1028786	1021976	1025685	1025482	0.33	cps
Indium	115-1	4109296	4102127	4109905	4107109	0.11	cps
Indium	115-2	159266	159335	160142	159581	0.31	cps
Iron	56-2	42703763	42457450	42610144	42590452	0.29	cps
Iron	57-2	1073835	1063496	1063742	1067024	0.55	cps
Lead	206-1	2132152	2170034	2165704	2155963	0.96	cps
Lead	207-1	1994249	2022966	1989797	2002338	0.90	cps
Lead	208-1	8744461	8854006	8884076	8827514	0.83	cps
Lithium	6-1	649357	651672	647392	649474	0.33	cps
Magnesium	24-2	4524319	4516432	4492527	4511093	0.37	cps
Manganese	55-2	147097	146576	146149	146607	0.32	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5425861	5381585	5458950	5422132	0.72	cps
Molybdenum	95-1	6714472	6720727	6614034	6683078	0.90	cps
Molybdenum	96-1	7470886	7430504	7523700	7475030	0.63	cps
Molybdenum	97-1	4146553	4122239	4173431	4147408	0.62	cps
Molybdenum	98-1	10679401	10631621	10631799	10647607	0.26	cps
Neodymium	150-1	200	200	153	184	14.61	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	160270	160183	159672	160042	0.20	cps
Phosphorus	31-2	2725	2667	2634	2675	1.74	cps
Potassium	39-2	1309745	1291662	1298605	1300004	0.70	cps
Rhodium	103-1	3719160	3688687	3756018	3721288	0.91	cps
Rhodium	103-2	917017	913510	916925	915818	0.22	cps
Scandium	45-1	2302264	2312598	2279454	2298105	0.74	cps
Scandium	45-2	17291	17041	17565	17299	1.52	cps
Selenium	77-2	290	330	257	292	12.57	cps
Selenium	78-2	761	719	774	751	3.87	cps
Selenium	82-1	42091	42263	42446	42267	0.42	cps
Silicon	28-1	1539767	1550886	1560759	1550471	0.68	cps
Silver	109-1	3153912	3146165	3123110	3141062	0.51	cps
Silver	107-1	3267778	3289602	3295587	3284322	0.45	cps
Sodium	23-2	10853995	10820324	10751078	10808466	0.49	cps
Strontium	86-1	871658	857744	858541	862648	0.91	cps
Strontium	88-1	7540402	7612404	7535912	7562906	0.57	cps
Sulfur	34-1	530630	527525	528430	528862	0.30	cps
Terbium	159-1	5622242	5616274	5634733	5624416	0.17	cps
Terbium	159-2	982269	980132	989872	984091	0.52	cps
Thallium	203-1	2647103	2648415	2633860	2643126	0.30	cps
Thallium	205-1	6166436	6177930	6196300	6180222	0.24	cps
Tin	118-1	2261106	2270174	2261903	2264394	0.22	cps
Titanium	47-1	1680250	1665969	1675076	1673765	0.43	cps
Uranium	238-1	8705440	8760553	8827290	8764428	0.70	cps
Vanadium	51-2	195479	196649	196155	196095	0.30	cps
Yttrium	89-1	4408353	4394040	4370436	4390943	0.44	cps
Yttrium	89-2	124935	123707	124007	124216	0.52	cps
Zinc	66-2	87863	86521	85793	86725	1.21	cps
Zirconium	90-1	4578438	4630962	4619011	4609470	0.60	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:08:26	DataFile Name :	029CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1007294	1004768	1002397	1004819	0.24	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	17	11	86.60	cps
Antimony	121-1	1825	1800	1859	1828	1.60	cps
Arsenic	75-2	4	6	0	3	91.69	cps
Barium	135-1	42	42	58	47	20.38	cps
Barium	137-1	117	75	58	83	36.05	cps
Beryllium	9-1	478	439	339	419	17.12	cps
Bismuth	209-1	3606986	3487219	3545020	3546408	1.69	cps
Bismuth	209-2	832644	833396	830915	832319	0.15	cps
Boron	10-1	2775	2284	2392	2484	10.40	cps
Boron	11-1	12523	11188	10638	11450	8.47	cps
Cadmium	111-1	669	660	544	624	11.20	cps
Cadmium	106-1	867	817	650	778	14.59	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	892	900	800	864	6.42	cps
Calcium	44-1	20048	21292	20841	20727	3.04	cps
Chromium	52-2	253	250	220	241	7.61	cps
Cobalt	59-2	53	77	53	61	22.05	cps
Copper	63-2	293	297	273	288	4.39	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5445520	5428893	5459892	5444768	0.28	cps
Holmium	165-2	1031141	1036582	1022743	1030155	0.68	cps
Indium	115-1	4233714	4288381	4273734	4265276	0.66	cps
Indium	115-2	170864	169565	169698	170042	0.42	cps
Iron	56-2	2745	2700	2606	2684	2.64	cps
Iron	57-2	72	89	89	83	11.54	cps
Lead	206-1	267	306	289	287	6.80	cps
Lead	207-1	333	217	222	257	25.57	cps
Lead	208-1	1139	1061	1028	1076	5.30	cps
Lithium	6-1	685350	676564	673368	678427	0.91	cps
Magnesium	24-2	417	483	492	464	8.86	cps
Manganese	55-2	7	17	17	13	43.29	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	508	475	536	14.69	cps
Molybdenum	95-1	725	717	675	706	3.80	cps
Molybdenum	96-1	808	675	658	714	11.52	cps
Molybdenum	97-1	558	442	442	481	14.02	cps
Molybdenum	98-1	758	1017	833	870	15.29	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	250	230	238	4.51	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2359	2400	2259	2339	3.11	cps
Rhodium	103-1	3952673	3910541	3927911	3930375	0.54	cps
Rhodium	103-2	966155	965290	962712	964719	0.19	cps
Scandium	45-1	2297664	2257130	2249382	2268059	1.14	cps
Scandium	45-2	17354	16717	16930	17000	1.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	24	-53	-56	-28	-160.71	cps
Silicon	28-1	378017	375476	371382	374958	0.89	cps
Silver	109-1	208	233	283	242	15.80	cps
Silver	107-1	242	250	258	250	3.33	cps
Sodium	23-2	15609	14258	15292	15053	4.70	cps
Strontium	86-1	408	375	392	392	4.25	cps
Strontium	88-1	250	167	183	200	22.05	cps
Sulfur	34-1	332503	333840	335617	333987	0.47	cps
Terbium	159-1	5629908	5505172	5563054	5566045	1.12	cps
Terbium	159-2	989276	991543	988832	989883	0.15	cps
Thallium	203-1	508	450	425	461	9.27	cps
Thallium	205-1	1158	1367	1017	1181	14.91	cps
Tin	118-1	817	783	767	789	3.23	cps
Titanium	47-1	117	75	92	94	22.21	cps
Uranium	238-1	142	167	175	161	10.77	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	4400399	4398844	4364344	4387862	0.46	cps
Yttrium	89-2	125611	126269	124625	125502	0.66	cps
Zinc	66-2	30	23	17	23	28.56	cps
Zirconium	90-1	475	458	617	517	16.84	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:11:28	DataFile Name :	030CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	100	92	108	20.35	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06LX5	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:14:39	DataFile Name :	031SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	9545	7994	7986	8509	10.55	cps
Arsenic	75-2	61	46	56	54	13.77	cps
Barium	135-1	36392	36167	37304	36621	1.64	cps
Barium	137-1	62942	63411	63252	63202	0.38	cps
Beryllium	9-1	211	300	339	283	23.12	cps
Bismuth	209-1	3577050	3619490	3561388	3585976	0.84	cps
Bismuth	209-2	781833	796973	820822	799876	2.46	cps
Boron	10-1	5201	5243	5293	5246	0.87	cps
Boron	11-1	24371	24664	23712	24249	2.01	cps
Cadmium	111-1	499	586	589	558	9.16	cps
Cadmium	106-1	650	758	767	725	8.98	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	288491	288960	288766	288739	0.08	cps
Calcium	44-1	4750056	4736531	4710783	4732457	0.42	cps
Chromium	52-2	240	283	293	272	10.41	cps
Cobalt	59-2	860	783	740	794	7.65	cps
Copper	63-2	1210	1170	1107	1162	4.48	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	13	0	0	4	173.21	cps
Holmium	165-1	5296971	5405592	5379036	5360533	1.06	cps
Holmium	165-2	944198	966395	1000183	970259	2.91	cps
Indium	115-1	4152749	4251541	4160329	4188206	1.31	cps
Indium	115-2	155499	156494	164061	158685	2.95	cps
Iron	56-2	42967	43574	43368	43303	0.71	cps
Iron	57-2	1172	922	1017	1037	12.17	cps
Lead	206-1	606	539	511	552	8.80	cps
Lead	207-1	444	444	428	439	2.19	cps
Lead	208-1	2250	2117	1961	2109	6.85	cps
Lithium	6-1	708203	716252	718888	714448	0.78	cps
Magnesium	24-2	42390	42038	42272	42233	0.42	cps
Manganese	55-2	13156	12613	12856	12875	2.12	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06LX5	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:14:39	DataFile Name :	031SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	867	850	908	875	3.43	cps
Molybdenum	95-1	1067	1008	1017	1031	3.06	cps
Molybdenum	96-1	975	1208	1108	1097	10.67	cps
Molybdenum	97-1	617	717	708	681	8.15	cps
Molybdenum	98-1	1467	1609	1850	1642	11.81	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1000	1193	1087	1093	8.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6835	6160	6602	6532	5.25	cps
Rhodium	103-1	3814804	3821677	3821054	3819178	0.10	cps
Rhodium	103-2	896126	900307	935322	910585	2.36	cps
Scandium	45-1	2218030	2233023	2202635	2217896	0.69	cps
Scandium	45-2	16076	15739	16527	16114	2.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-49	-47	-85	-60	-35.67	cps
Silicon	28-1	4386303	4412871	4403092	4400755	0.31	cps
Silver	109-1	533	333	483	450	23.13	cps
Silver	107-1	525	450	450	475	9.12	cps
Sodium	23-2	402840	403370	402595	402935	0.10	cps
Strontium	86-1	192065	194458	193849	193457	0.64	cps
Strontium	88-1	1749044	1757943	1741602	1749530	0.47	cps
Sulfur	34-1	397703	395054	393952	395570	0.49	cps
Terbium	159-1	5550258	5500315	5507753	5519442	0.49	cps
Terbium	159-2	915712	923288	950699	929900	1.98	cps
Thallium	203-1	575	317	375	422	32.09	cps
Thallium	205-1	1108	983	767	953	18.14	cps
Tin	118-1	1500	1550	1583	1545	2.72	cps
Titanium	47-1	217	158	175	183	16.39	cps
Uranium	238-1	3959	3893	3592	3815	5.12	cps
Vanadium	51-2	130	120	137	129	6.51	cps
Yttrium	89-1	4285024	4277684	4319385	4294031	0.52	cps
Yttrium	89-2	113547	115811	121501	116953	3.50	cps
Zinc	66-2	133	120	157	137	13.58	cps
Zirconium	90-1	858	775	767	800	6.34	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06LX5	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:14:39	DataFile Name :	031SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	167	167	181	13.32	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-07 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109MS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:17:49 DataFile Name : 032SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34418	34125	33917	34153	0.74	cps
Antimony	121-1	3113329	3107368	3102486	3107728	0.17	cps
Arsenic	75-2	33064	32594	33504	33054	1.38	cps
Barium	135-1	3412662	3434452	3458132	3435082	0.66	cps
Barium	137-1	5863299	5850057	5876266	5863207	0.22	cps
Beryllium	9-1	367502	367206	367822	367510	0.08	cps
Bismuth	209-1	3158908	3136398	3123778	3139694	0.57	cps
Bismuth	209-2	717216	715592	720254	717687	0.33	cps
Boron	10-1	57482	57215	59859	58186	2.50	cps
Boron	11-1	263317	272145	275471	270311	2.32	cps
Cadmium	111-1	620579	617678	629735	622664	1.01	cps
Cadmium	106-1	63869	63710	64815	64131	0.93	cps
Cadmium	108-1	44185	44958	44164	44436	1.02	cps
Calcium	43-1	1993806	2037334	2028671	2019937	1.14	cps
Calcium	44-1	31982873	32344657	32509489	32279006	0.83	cps
Chromium	52-2	251006	253263	253507	252592	0.55	cps
Cobalt	59-2	545995	543232	546484	545237	0.32	cps
Copper	63-2	937997	940640	942782	940473	0.25	cps
Dysprosium	156-1	25	100	58	61	61.49	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	2834	2509	2759	2700	6.30	cps
Erbium	164-2	463	457	497	472	4.54	cps
Gadolinium	160-1	258	317	250	275	13.21	cps
Gadolinium	160-2	43	27	63	44	41.30	cps
Holmium	165-1	4828505	4926878	4958999	4904794	1.39	cps
Holmium	165-2	908704	896355	911066	905375	0.87	cps
Indium	115-1	3724476	3700823	3764311	3729870	0.86	cps
Indium	115-2	143116	140871	141361	141783	0.83	cps
Iron	56-2	8535701	8443752	8475748	8485067	0.55	cps
Iron	57-2	213465	211795	215556	213605	0.88	cps
Lead	206-1	1994576	2018792	2021634	2011667	0.74	cps
Lead	207-1	1825926	1848406	1849970	1841434	0.73	cps
Lead	208-1	8055155	8189888	8193776	8146273	0.97	cps
Lithium	6-1	814344	832542	836829	827905	1.44	cps
Magnesium	24-2	1191093	1203138	1193509	1195913	0.53	cps
Manganese	55-2	197170	197536	197944	197550	0.20	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-07 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109MS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:17:49 DataFile Name : 032SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5021899	5051145	5116720	5063255	0.96	cps
Molybdenum	95-1	6129437	6233611	6221523	6194857	0.92	cps
Molybdenum	96-1	6841651	6875871	7032046	6916523	1.47	cps
Molybdenum	97-1	3824086	3861238	3906785	3864036	1.07	cps
Molybdenum	98-1	9819043	9991199	9952753	9920998	0.91	cps
Neodymium	150-1	140	120	140	133	8.66	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	161929	161969	163560	162486	0.57	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	267897	265373	269746	267672	0.82	cps
Rhodium	103-1	3385975	3412378	3389567	3395973	0.42	cps
Rhodium	103-2	845752	843383	846184	845106	0.18	cps
Scandium	45-1	2060732	2085991	2096359	2081028	0.88	cps
Scandium	45-2	16139	15822	16503	16155	2.11	cps
Selenium	77-2	203	213	250	222	11.06	cps
Selenium	78-2	702	724	757	728	3.84	cps
Selenium	82-1	39335	39964	39454	39585	0.84	cps
Silicon	28-1	19614997	19902359	19650298	19722551	0.79	cps
Silver	109-1	2988352	3014404	3019579	3007445	0.56	cps
Silver	107-1	3153514	3134650	3190842	3159669	0.91	cps
Sodium	23-2	4119630	4035144	4120534	4091769	1.20	cps
Strontium	86-1	1723725	1710307	1711786	1715273	0.43	cps
Strontium	88-1	14652138	14623867	14525973	14600660	0.45	cps
Sulfur	34-1	628706	632188	629070	629988	0.30	cps
Terbium	159-1	5008156	5000032	5097227	5035139	1.07	cps
Terbium	159-2	863738	865957	875648	868448	0.73	cps
Thallium	203-1	2493109	2537517	2512273	2514299	0.89	cps
Thallium	205-1	5763641	5864431	5903144	5843739	1.23	cps
Tin	118-1	1998807	2000003	2029867	2009559	0.88	cps
Titanium	47-1	1540923	1559808	1580361	1560364	1.26	cps
Uranium	238-1	7859535	7880024	7907815	7882458	0.31	cps
Vanadium	51-2	187678	186543	187749	187323	0.36	cps
Yttrium	89-1	3955599	3919158	3922575	3932444	0.51	cps
Yttrium	89-2	110263	110113	110610	110328	0.23	cps
Zinc	66-2	81417	82446	81679	81847	0.65	cps
Zirconium	90-1	4246678	4242755	4288867	4259433	0.60	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:17:49	DataFile Name :	032SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	926990	930052	921216	926086	0.48	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1095-08 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180109MS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:20:53 DataFile Name : 033SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35779	35194	35805	35593	0.97	cps
Antimony	121-1	3186067	3253140	3204729	3214646	1.08	cps
Arsenic	75-2	34874	35185	34679	34913	0.73	cps
Barium	135-1	3541124	3571001	3561488	3557871	0.43	cps
Barium	137-1	6088363	6091995	6040205	6073521	0.48	cps
Beryllium	9-1	374426	379237	376477	376713	0.64	cps
Bismuth	209-1	3117624	3144934	3100320	3120959	0.72	cps
Bismuth	209-2	718053	711818	712914	714261	0.47	cps
Boron	10-1	61625	60261	62512	61466	1.84	cps
Boron	11-1	274785	281454	288063	281434	2.36	cps
Cadmium	111-1	657654	646693	650273	651540	0.86	cps
Cadmium	106-1	67369	67009	68499	67626	1.15	cps
Cadmium	108-1	45301	46430	46158	45963	1.28	cps
Calcium	43-1	2091880	2101348	2111417	2101548	0.46	cps
Calcium	44-1	33511027	33459124	33722253	33564134	0.42	cps
Chromium	52-2	266063	265949	266464	266159	0.10	cps
Cobalt	59-2	566773	566069	566163	566335	0.07	cps
Copper	63-2	974410	977123	979404	976979	0.26	cps
Dysprosium	156-1	67	117	108	97	27.55	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	2700	2750	2992	2814	5.54	cps
Erbium	164-2	540	523	530	531	1.58	cps
Gadolinium	160-1	225	233	275	244	10.96	cps
Gadolinium	160-2	53	67	43	54	21.51	cps
Holmium	165-1	4913529	4909526	4999619	4940891	1.03	cps
Holmium	165-2	916069	913806	912124	914000	0.22	cps
Indium	115-1	3701636	3729996	3728203	3719945	0.43	cps
Indium	115-2	143353	143537	143478	143456	0.07	cps
Iron	56-2	8879636	8823945	8787301	8830294	0.53	cps
Iron	57-2	221170	220274	219823	220422	0.31	cps
Lead	206-1	2097069	2069885	2109402	2092119	0.97	cps
Lead	207-1	1916402	1937155	1937553	1930370	0.63	cps
Lead	208-1	8522609	8469021	8604209	8531946	0.80	cps
Lithium	6-1	827106	822800	827699	825868	0.32	cps
Magnesium	24-2	1255140	1240558	1251719	1249139	0.61	cps
Manganese	55-2	204494	203371	203833	203899	0.28	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-08	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:20:53	DataFile Name :	033SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5280572	5280689	5234627	5265296	0.50	cps
Molybdenum	95-1	6452673	6468971	6467702	6463115	0.14	cps
Molybdenum	96-1	7174694	7238186	7207978	7206953	0.44	cps
Molybdenum	97-1	4013690	4036106	4023641	4024479	0.28	cps
Molybdenum	98-1	10263828	10235573	10346621	10282007	0.56	cps
Neodymium	150-1	133	140	153	142	7.16	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	169173	169480	169558	169404	0.12	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	282337	279124	278105	279856	0.79	cps
Rhodium	103-1	3410208	3392848	3407394	3403483	0.27	cps
Rhodium	103-2	852637	849060	848554	850083	0.26	cps
Scandium	45-1	2079096	2093373	2112693	2095054	0.80	cps
Scandium	45-2	16093	16086	16173	16117	0.30	cps
Selenium	77-2	293	203	230	242	19.08	cps
Selenium	78-2	759	702	769	743	4.86	cps
Selenium	82-1	40807	40914	40755	40825	0.20	cps
Silicon	28-1	20064254	20044070	20257228	20121850	0.58	cps
Silver	109-1	3165080	3121138	3124864	3137027	0.78	cps
Silver	107-1	3279295	3283714	3263694	3275567	0.32	cps
Sodium	23-2	4285016	4229883	4230181	4248360	0.75	cps
Strontium	86-1	1763198	1749020	1775351	1762523	0.75	cps
Strontium	88-1	14922795	14985419	15002561	14970258	0.28	cps
Sulfur	34-1	635891	635800	637006	636232	0.11	cps
Terbium	159-1	5037995	5094374	5107126	5079832	0.72	cps
Terbium	159-2	877567	879716	879042	878775	0.13	cps
Thallium	203-1	2583418	2570140	2658362	2603974	1.83	cps
Thallium	205-1	6120676	6041152	6152353	6104727	0.94	cps
Tin	118-1	2060167	2079446	2086838	2075484	0.66	cps
Titanium	47-1	1621043	1623467	1623354	1622622	0.08	cps
Uranium	238-1	8217158	8243799	8307733	8256230	0.56	cps
Vanadium	51-2	196663	196362	195861	196295	0.21	cps
Yttrium	89-1	3951260	3937611	3998349	3962407	0.80	cps
Yttrium	89-2	112686	112905	111534	112375	0.66	cps
Zinc	66-2	85950	84774	85542	85422	0.70	cps
Zirconium	90-1	4405241	4412760	4450266	4422756	0.55	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-08	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:20:53	DataFile Name :	033SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	961801	971292	964445	965846	0.51	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06A	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:23:55	DataFile Name :	034SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34961	34627	35528	35039	1.30	cps
Antimony	121-1	3196751	3188434	3257537	3214240	1.17	cps
Arsenic	75-2	34168	34174	34040	34127	0.22	cps
Barium	135-1	3555946	3551322	3593023	3566764	0.64	cps
Barium	137-1	6032389	6135237	6147873	6105167	1.04	cps
Beryllium	9-1	373531	372206	372352	372697	0.19	cps
Bismuth	209-1	3181834	3166102	3145339	3164425	0.58	cps
Bismuth	209-2	715208	707505	711377	711363	0.54	cps
Boron	10-1	60671	61675	63081	61809	1.96	cps
Boron	11-1	275200	286737	285581	282506	2.25	cps
Cadmium	111-1	647967	642231	645784	645327	0.45	cps
Cadmium	106-1	66640	67051	66506	66732	0.43	cps
Cadmium	108-1	44586	46848	46852	46096	2.84	cps
Calcium	43-1	2089483	2088899	2092464	2090282	0.09	cps
Calcium	44-1	33435471	33482562	33577810	33498614	0.22	cps
Chromium	52-2	262747	259801	260736	261095	0.58	cps
Cobalt	59-2	559230	557388	558902	558507	0.18	cps
Copper	63-2	965148	953872	965197	961405	0.68	cps
Dysprosium	156-1	100	42	133	92	50.61	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	2825	2392	2750	2656	8.72	cps
Erbium	164-2	523	543	513	527	2.90	cps
Gadolinium	160-1	325	267	225	272	18.45	cps
Gadolinium	160-2	57	50	43	50	13.34	cps
Holmium	165-1	4969984	5038634	4928990	4979203	1.11	cps
Holmium	165-2	911247	902131	899565	904314	0.68	cps
Indium	115-1	3761654	3755332	3734440	3750476	0.38	cps
Indium	115-2	142100	139928	142584	141538	1.00	cps
Iron	56-2	8695816	8656398	8675561	8675925	0.23	cps
Iron	57-2	220107	215979	217112	217733	0.98	cps
Lead	206-1	2070422	2071773	2119868	2087354	1.35	cps
Lead	207-1	1922539	1934212	1932844	1929865	0.33	cps
Lead	208-1	8512056	8509805	8587224	8536361	0.52	cps
Lithium	6-1	808179	819074	814273	813842	0.67	cps
Magnesium	24-2	1231708	1203917	1219575	1218400	1.14	cps
Manganese	55-2	200822	199733	201690	200748	0.49	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06A	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:23:55	DataFile Name :	034SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5206923	5180588	5213415	5200309	0.33	cps
Molybdenum	95-1	6420194	6386170	6421364	6409243	0.31	cps
Molybdenum	96-1	7137793	7148135	7183932	7156620	0.34	cps
Molybdenum	97-1	4016185	3978886	4042378	4012483	0.80	cps
Molybdenum	98-1	10261293	10190437	10234428	10228719	0.35	cps
Neodymium	150-1	140	87	153	127	27.85	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	165955	166501	164633	165696	0.58	cps
Phosphorus	31-2	33	0	0	11	173.21	cps
Potassium	39-2	277372	271859	272148	273793	1.13	cps
Rhodium	103-1	3389785	3413312	3418098	3407065	0.44	cps
Rhodium	103-2	854640	839499	842196	845445	0.96	cps
Scandium	45-1	2108853	2119468	2139684	2122668	0.74	cps
Scandium	45-2	16039	16016	16563	16206	1.91	cps
Selenium	77-2	230	247	210	229	8.02	cps
Selenium	78-2	804	726	750	760	5.24	cps
Selenium	82-1	40822	40438	40693	40651	0.48	cps
Silicon	28-1	20055227	20290837	20296770	20214278	0.68	cps
Silver	109-1	3108139	3109556	3137351	3118349	0.53	cps
Silver	107-1	3277544	3240854	3250966	3256455	0.58	cps
Sodium	23-2	4212013	4184909	4170528	4189150	0.50	cps
Strontium	86-1	1748395	1789560	1764914	1767623	1.17	cps
Strontium	88-1	15126466	15066390	15146913	15113256	0.28	cps
Sulfur	34-1	633580	633609	628934	632041	0.43	cps
Terbium	159-1	5100189	5096454	5138098	5111580	0.45	cps
Terbium	159-2	874722	871654	865778	870718	0.52	cps
Thallium	203-1	2560888	2623229	2611137	2598418	1.27	cps
Thallium	205-1	6063456	6130095	6160575	6118042	0.81	cps
Tin	118-1	2089923	2061415	2097847	2083062	0.92	cps
Titanium	47-1	1628937	1618874	1649563	1632458	0.96	cps
Uranium	238-1	8228524	8202855	8200108	8210496	0.19	cps
Vanadium	51-2	194020	191283	192256	192520	0.72	cps
Yttrium	89-1	4049163	4005828	4052540	4035844	0.65	cps
Yttrium	89-2	110677	110761	110435	110624	0.15	cps
Zinc	66-2	85032	83443	82993	83823	1.28	cps
Zirconium	90-1	4444574	4402386	4422701	4423220	0.48	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-06A	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180109A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:23:55	DataFile Name :	034SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	974849	959960	972387	969065	0.82	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	142	92	108	26.65	cps
Antimony	121-1	13132	12757	13182	13023	1.78	cps
Arsenic	75-2	254	272	231	252	8.08	cps
Barium	135-1	175566	178082	178168	177272	0.83	cps
Barium	137-1	309394	305973	306627	307332	0.59	cps
Beryllium	9-1	611	678	572	620	8.61	cps
Bismuth	209-1	3255829	3235818	3203592	3231746	0.82	cps
Bismuth	209-2	729645	729921	722664	727410	0.57	cps
Boron	10-1	21317	21308	22476	21700	3.10	cps
Boron	11-1	98110	99234	100551	99298	1.23	cps
Cadmium	111-1	725	520	616	621	16.53	cps
Cadmium	106-1	750	600	725	692	11.62	cps
Cadmium	108-1	29	29	0	19	86.60	cps
Calcium	43-1	1457695	1468757	1459777	1462076	0.40	cps
Calcium	44-1	23303503	23344879	23363727	23337369	0.13	cps
Chromium	52-2	560	503	503	522	6.27	cps
Cobalt	59-2	3791	3847	3531	3723	4.54	cps
Copper	63-2	4661	4944	4841	4815	2.98	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	0	23	20	14	87.37	cps
Gadolinium	160-1	58	42	83	61	34.32	cps
Gadolinium	160-2	13	7	0	7	99.98	cps
Holmium	165-1	4999465	5106140	4950718	5018775	1.58	cps
Holmium	165-2	908352	905682	903936	905990	0.25	cps
Indium	115-1	3900220	3896512	3893813	3896848	0.08	cps
Indium	115-2	147940	147106	146904	147317	0.37	cps
Iron	56-2	175309	173413	173735	174153	0.58	cps
Iron	57-2	4379	4495	4423	4432	1.33	cps
Lead	206-1	1706	1750	1878	1778	5.03	cps
Lead	207-1	1567	1395	1545	1502	6.24	cps
Lead	208-1	6873	6629	6918	6806	2.29	cps
Lithium	6-1	800994	803861	802393	802416	0.18	cps
Magnesium	24-2	207942	206670	208034	207548	0.37	cps
Manganese	55-2	62244	62717	62556	62506	0.38	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3117	3217	3109	3148	1.92	cps
Molybdenum	95-1	5076	4959	4843	4959	2.35	cps
Molybdenum	96-1	5276	5351	5101	5243	2.45	cps
Molybdenum	97-1	3342	3276	3242	3287	1.55	cps
Molybdenum	98-1	8228	7686	8178	8031	3.73	cps
Neodymium	150-1	47	20	53	40	44.10	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	4788	4854	4831	4824	0.70	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	23404	23838	24973	24072	3.37	cps
Rhodium	103-1	3468142	3447180	3528433	3481252	1.21	cps
Rhodium	103-2	862857	858262	858176	859765	0.31	cps
Scandium	45-1	2103476	2109603	2141041	2118040	0.95	cps
Scandium	45-2	15128	15923	15963	15671	3.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-412	-498	-635	-515	-21.85	cps
Silicon	28-1	20026616	20096635	20115749	20079667	0.23	cps
Silver	109-1	417	408	483	436	9.43	cps
Silver	107-1	508	533	392	478	15.83	cps
Sodium	23-2	2036503	2068149	2055321	2053324	0.78	cps
Strontium	86-1	936492	943383	943197	941024	0.42	cps
Strontium	88-1	8227889	8307844	8314862	8283532	0.58	cps
Sulfur	34-1	642339	645949	643981	644090	0.28	cps
Terbium	159-1	5133459	5133121	5169614	5145398	0.41	cps
Terbium	159-2	870720	872079	866374	869724	0.34	cps
Thallium	203-1	1333	1208	1125	1222	8.58	cps
Thallium	205-1	3109	2900	2650	2887	7.95	cps
Tin	118-1	26786	24791	24223	25267	5.33	cps
Titanium	47-1	1325	892	1092	1103	19.67	cps
Uranium	238-1	17889	18139	17647	17891	1.38	cps
Vanadium	51-2	543	553	527	541	2.49	cps
Yttrium	89-1	3991960	3956906	3995873	3981580	0.54	cps
Yttrium	89-2	111796	111104	110250	111050	0.70	cps
Zinc	66-2	803	827	823	818	1.54	cps
Zirconium	90-1	858	775	942	858	9.71	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1095-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0437-180109	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:26:57	DataFile Name :	035SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	167	175	167	5.00	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195057	187609	190791	191152	1.96	cps
Antimony	121-1	3846510	3871387	3896496	3871464	0.65	cps
Arsenic	75-2	36242	35546	36136	35974	1.04	cps
Barium	135-1	3730395	3759069	3794816	3761426	0.86	cps
Barium	137-1	6444044	6451010	6421149	6438734	0.24	cps
Beryllium	9-1	414415	412584	414367	413789	0.25	cps
Bismuth	209-1	3634446	3637165	3651057	3640889	0.24	cps
Bismuth	209-2	835089	828293	827978	830453	0.48	cps
Boron	10-1	49311	49671	50005	49662	0.70	cps
Boron	11-1	223844	224996	232979	227273	2.19	cps
Cadmium	111-1	700726	702222	704889	702612	0.30	cps
Cadmium	106-1	73644	72094	75319	73686	2.19	cps
Cadmium	108-1	50515	50908	49758	50394	1.16	cps
Calcium	43-1	3370340	3372678	3348026	3363681	0.40	cps
Calcium	44-1	54011018	54048735	54055776	54038510	0.04	cps
Chromium	52-2	274145	271609	272257	272670	0.48	cps
Cobalt	59-2	578264	574323	577583	576723	0.37	cps
Copper	63-2	988284	979862	976276	981474	0.63	cps
Dysprosium	156-1	108	75	83	89	19.52	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	25	83	58	51.51	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	58	25	100	61	61.49	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	5781611	5743091	5788880	5771194	0.43	cps
Holmium	165-2	1082426	1076673	1072640	1077246	0.46	cps
Indium	115-1	4298057	4373209	4287095	4319453	1.09	cps
Indium	115-2	167247	164882	168046	166725	0.99	cps
Iron	56-2	44613979	43947163	44448141	44336428	0.78	cps
Iron	57-2	1112967	1105076	1118672	1112238	0.61	cps
Lead	206-1	2281786	2308017	2285895	2291900	0.62	cps
Lead	207-1	2116928	2167068	2120972	2134989	1.30	cps
Lead	208-1	9335636	9416012	9324462	9358703	0.53	cps
Lithium	6-1	647131	652520	646366	648672	0.52	cps
Magnesium	24-2	4747797	4617042	4634732	4666524	1.52	cps
Manganese	55-2	151599	151629	151652	151626	0.02	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5697430	5679945	5727948	5701774	0.43	cps
Molybdenum	95-1	7055629	6994359	7090134	7046707	0.69	cps
Molybdenum	96-1	7922079	7800154	8008029	7910087	1.32	cps
Molybdenum	97-1	4372340	4388132	4382124	4380865	0.18	cps
Molybdenum	98-1	11203358	11263164	11249076	11238533	0.28	cps
Neodymium	150-1	320	280	240	280	14.29	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	166151	165894	164461	165502	0.55	cps
Phosphorus	31-2	2834	2909	2884	2875	1.33	cps
Potassium	39-2	1367708	1358889	1364250	1363616	0.33	cps
Rhodium	103-1	3854766	3914434	3884346	3884515	0.77	cps
Rhodium	103-2	965719	953014	952632	957122	0.78	cps
Scandium	45-1	2365958	2408070	2409265	2394431	1.03	cps
Scandium	45-2	17875	18189	18015	18026	0.87	cps
Selenium	77-2	227	197	290	238	20.04	cps
Selenium	78-2	833	822	802	819	1.95	cps
Selenium	82-1	44716	44074	44566	44452	0.76	cps
Silicon	28-1	1596010	1625159	1646077	1622415	1.55	cps
Silver	109-1	3333505	3278493	3365800	3325933	1.33	cps
Silver	107-1	3458901	3442382	3488569	3463284	0.68	cps
Sodium	23-2	11304776	11120721	11143768	11189755	0.90	cps
Strontium	86-1	901186	904074	904236	903165	0.19	cps
Strontium	88-1	7866944	7939872	7883409	7896741	0.48	cps
Sulfur	34-1	540942	537528	536080	538183	0.46	cps
Terbium	159-1	5913227	5919282	5992148	5941552	0.74	cps
Terbium	159-2	1042221	1024650	1027168	1031347	0.92	cps
Thallium	203-1	2788801	2783405	2791219	2787808	0.14	cps
Thallium	205-1	6587942	6558705	6529890	6558846	0.44	cps
Tin	118-1	2389982	2369919	2394814	2384905	0.55	cps
Titanium	47-1	1758823	1744532	1749807	1751054	0.41	cps
Uranium	238-1	9379328	9317236	9462054	9386206	0.77	cps
Vanadium	51-2	205590	203481	207370	205481	0.95	cps
Yttrium	89-1	4546044	4638707	4558376	4581042	1.10	cps
Yttrium	89-2	130651	127733	128805	129063	1.14	cps
Zinc	66-2	89801	90583	90983	90456	0.66	cps
Zirconium	90-1	4784035	4821715	4832252	4812667	0.53	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:30:07	DataFile Name :	036CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1049728	1056964	1053686	1053459	0.34	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:33:10 DataFile Name : 037CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	2092	2117	2225	2145	3.31	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	75	42	42	53	36.46	cps
Barium	137-1	167	100	100	122	31.49	cps
Beryllium	9-1	572	672	500	582	14.87	cps
Bismuth	209-1	3785456	3753866	3769898	3769740	0.42	cps
Bismuth	209-2	873576	869829	869450	870952	0.26	cps
Boron	10-1	3601	2859	2884	3114	13.53	cps
Boron	11-1	14625	13523	13365	13838	4.96	cps
Cadmium	111-1	659	653	659	657	0.51	cps
Cadmium	106-1	775	717	742	745	3.93	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	842	750	1008	867	15.11	cps
Calcium	44-1	20541	20616	19865	20340	2.03	cps
Chromium	52-2	273	257	263	264	3.17	cps
Cobalt	59-2	60	87	53	67	26.46	cps
Copper	63-2	313	310	247	290	12.95	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	25	67	39	61.86	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	5740496	5800525	5667667	5736230	1.16	cps
Holmium	165-2	1073802	1073215	1062307	1069775	0.61	cps
Indium	115-1	4477157	4432556	4447595	4452436	0.51	cps
Indium	115-2	174024	175779	172816	174206	0.86	cps
Iron	56-2	2850	2950	2673	2824	4.98	cps
Iron	57-2	122	78	72	91	30.20	cps
Lead	206-1	272	400	233	302	28.89	cps
Lead	207-1	233	222	239	231	3.67	cps
Lead	208-1	1195	1289	1072	1185	9.17	cps
Lithium	6-1	687205	687656	686133	686998	0.11	cps
Magnesium	24-2	475	533	433	481	10.45	cps
Manganese	55-2	10	33	23	22	52.68	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:33:10	DataFile Name :	037CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	525	467	550	17.86	cps
Molybdenum	95-1	833	650	633	706	15.73	cps
Molybdenum	96-1	842	708	792	781	8.63	cps
Molybdenum	97-1	508	442	500	483	7.51	cps
Molybdenum	98-1	1208	1000	1208	1139	10.56	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	253	307	284	9.76	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2467	2225	2267	2320	5.57	cps
Rhodium	103-1	4127089	4055491	4077585	4086722	0.90	cps
Rhodium	103-2	1007776	1006573	991197	1001849	0.92	cps
Scandium	45-1	2337806	2337533	2324510	2333283	0.33	cps
Scandium	45-2	17037	17771	17311	17373	2.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-78	7	-18	-29	-149.04	cps
Silicon	28-1	386033	384400	381357	383930	0.62	cps
Silver	109-1	300	275	333	303	9.66	cps
Silver	107-1	242	2512	300	1018	127.15	cps
Sodium	23-2	14633	13991	14208	14277	2.29	cps
Strontium	86-1	550	383	425	453	19.16	cps
Strontium	88-1	142	192	275	203	33.22	cps
Sulfur	34-1	337116	339652	340649	339139	0.54	cps
Terbium	159-1	5903829	5849781	5889323	5880977	0.48	cps
Terbium	159-2	1031558	1034369	1021394	1029107	0.66	cps
Thallium	203-1	867	867	625	786	17.75	cps
Thallium	205-1	1834	1667	1684	1728	5.31	cps
Tin	118-1	717	1025	917	886	17.65	cps
Titanium	47-1	192	100	125	139	34.12	cps
Uranium	238-1	208	225	142	192	23.01	cps
Vanadium	51-2	10	17	0	9	94.38	cps
Yttrium	89-1	4609299	4557465	4579048	4581937	0.57	cps
Yttrium	89-2	128390	128437	126839	127888	0.71	cps
Zinc	66-2	43	30	27	33	26.45	cps
Zirconium	90-1	483	625	450	519	17.89	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:33:10	DataFile Name :	037CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	67	100	97	30.10	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	0	14	124.92	cps
Antimony	121-1	692	625	700	672	6.12	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	58	25	17	33	66.14	cps
Barium	137-1	25	42	33	33	25.01	cps
Beryllium	9-1	467	383	439	430	9.88	cps
Bismuth	209-1	3659836	3724647	3710420	3698301	0.92	cps
Bismuth	209-2	868571	866848	879293	871571	0.77	cps
Boron	10-1	1875	1850	1642	1789	7.16	cps
Boron	11-1	9287	8878	8703	8956	3.35	cps
Cadmium	111-1	594	578	750	641	14.77	cps
Cadmium	106-1	758	767	1000	842	16.30	cps
Cadmium	108-1	17	0	13	10	89.22	cps
Calcium	43-1	775	858	908	847	7.95	cps
Calcium	44-1	18413	18104	18571	18363	1.29	cps
Chromium	52-2	200	223	227	217	6.70	cps
Cobalt	59-2	40	70	63	58	27.26	cps
Copper	63-2	220	243	220	228	5.91	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	5508914	5603570	5601404	5571296	0.97	cps
Holmium	165-2	1070592	1062456	1071998	1068349	0.48	cps
Indium	115-1	4315752	4405241	4332235	4351076	1.09	cps
Indium	115-2	174377	172924	176231	174511	0.95	cps
Iron	56-2	2211	2050	2084	2115	4.02	cps
Iron	57-2	94	78	78	83	11.55	cps
Lead	206-1	450	378	478	435	11.86	cps
Lead	207-1	333	378	444	385	14.52	cps
Lead	208-1	1745	1583	1728	1685	5.26	cps
Lithium	6-1	667563	684492	677193	676416	1.26	cps
Magnesium	24-2	683	467	467	539	23.21	cps
Manganese	55-2	40	43	30	38	18.36	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	317	350	397	28.17	cps
Molybdenum	95-1	292	425	242	319	29.67	cps
Molybdenum	96-1	408	358	275	347	19.40	cps
Molybdenum	97-1	275	242	250	256	6.79	cps
Molybdenum	98-1	425	375	442	414	8.38	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	217	290	267	16.25	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	2225	2092	2267	2195	4.17	cps
Rhodium	103-1	3942830	3986676	3999955	3976487	0.75	cps
Rhodium	103-2	999812	988788	998864	995821	0.61	cps
Scandium	45-1	2247009	2289506	2282611	2273042	1.00	cps
Scandium	45-2	16847	17141	17117	17035	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	36	-30	-79	-24	-239.36	cps
Silicon	28-1	372910	371508	372564	372327	0.20	cps
Silver	109-1	100	208	167	158	34.51	cps
Silver	107-1	217	158	142	172	22.87	cps
Sodium	23-2	13048	13348	12973	13123	1.51	cps
Strontium	86-1	425	458	517	467	9.94	cps
Strontium	88-1	150	108	175	144	23.32	cps
Sulfur	34-1	338876	338638	336700	338072	0.35	cps
Terbium	159-1	5671171	5841548	5779855	5764191	1.50	cps
Terbium	159-2	1022962	1016826	1035376	1025054	0.92	cps
Thallium	203-1	583	483	542	536	9.37	cps
Thallium	205-1	1225	1250	1308	1261	3.39	cps
Tin	118-1	600	475	567	547	11.83	cps
Titanium	47-1	125	142	192	153	22.71	cps
Uranium	238-1	125	100	117	114	11.18	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Yttrium	89-1	4392297	4504076	4494013	4463462	1.39	cps
Yttrium	89-2	126381	126243	128702	127108	1.09	cps
Zinc	66-2	20	27	30	26	19.92	cps
Zirconium	90-1	500	392	342	411	19.69	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BL	Instrumnet Name :	P8
Client Sample ID :	PB105604BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:36:21	DataFile Name :	038CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	108	94	13.48	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36164	37033	37801	36999	2.21	cps
Antimony	121-1	3536103	3532193	3548108	3538801	0.23	cps
Arsenic	75-2	35230	35020	34801	35017	0.61	cps
Barium	135-1	3745122	3759544	3755437	3753368	0.20	cps
Barium	137-1	6404859	6438405	6491023	6444762	0.67	cps
Beryllium	9-1	408303	402544	407312	406053	0.76	cps
Bismuth	209-1	3870336	3820794	3833761	3841630	0.67	cps
Bismuth	209-2	878908	862775	870189	870624	0.93	cps
Boron	10-1	45640	45256	46350	45749	1.21	cps
Boron	11-1	207903	211944	215353	211733	1.76	cps
Cadmium	111-1	726883	721663	715445	721331	0.79	cps
Cadmium	106-1	74079	74866	74531	74492	0.53	cps
Cadmium	108-1	51009	51151	51164	51108	0.17	cps
Calcium	43-1	653175	653828	652789	653264	0.08	cps
Calcium	44-1	10699111	10600363	10632388	10643954	0.47	cps
Chromium	52-2	257906	256708	256671	257095	0.27	cps
Cobalt	59-2	565894	561281	564478	563885	0.42	cps
Copper	63-2	980462	977007	979017	978829	0.18	cps
Dysprosium	156-1	67	33	58	53	32.88	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	67	17	67	50	57.73	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	5764820	5832315	5768207	5788447	0.66	cps
Holmium	165-2	1093201	1078689	1077990	1083293	0.79	cps
Indium	115-1	4389675	4424602	4377535	4397271	0.56	cps
Indium	115-2	170014	169433	169626	169691	0.17	cps
Iron	56-2	8812329	8695739	8729571	8745880	0.69	cps
Iron	57-2	220987	220008	218187	219727	0.65	cps
Lead	206-1	2354995	2354761	2335116	2348291	0.49	cps
Lead	207-1	2186049	2180048	2174344	2180147	0.27	cps
Lead	208-1	9575592	9559411	9535274	9556759	0.21	cps
Lithium	6-1	672288	677641	672763	674231	0.44	cps
Magnesium	24-2	899875	898332	892246	896818	0.45	cps
Manganese	55-2	148802	147221	145893	147305	0.99	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5621909	5590936	5603074	5605306	0.28	cps
Molybdenum	95-1	6901408	6887480	7010599	6933162	0.97	cps
Molybdenum	96-1	7743061	7763735	7766180	7757658	0.16	cps
Molybdenum	97-1	4264886	4363318	4296079	4308095	1.17	cps
Molybdenum	98-1	11169479	11055284	11059911	11094891	0.58	cps
Neodymium	150-1	160	213	147	173	20.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	163466	163460	163118	163348	0.12	cps
Phosphorus	31-2	2784	2950	2659	2798	5.23	cps
Potassium	39-2	256539	255477	253130	255049	0.68	cps
Rhodium	103-1	3944263	4010088	3983364	3979238	0.83	cps
Rhodium	103-2	975636	966013	964589	968746	0.62	cps
Scandium	45-1	2319535	2360274	2322949	2334253	0.97	cps
Scandium	45-2	16964	17094	16670	16909	1.28	cps
Selenium	77-2	220	280	230	243	13.21	cps
Selenium	78-2	772	893	846	837	7.25	cps
Selenium	82-1	44571	43892	44715	44393	0.99	cps
Silicon	28-1	1540281	1553330	1569950	1554520	0.96	cps
Silver	109-1	3405024	3424157	3399119	3409433	0.38	cps
Silver	107-1	3552399	3534821	3531742	3539654	0.31	cps
Sodium	23-2	2180097	2165410	2169982	2171829	0.35	cps
Strontium	86-1	875136	865584	867575	869432	0.58	cps
Strontium	88-1	7560222	7620656	7665970	7615616	0.70	cps
Sulfur	34-1	521822	518259	517791	519291	0.42	cps
Terbium	159-1	6016759	6026049	5971206	6004672	0.49	cps
Terbium	159-2	1045735	1041382	1031569	1039562	0.70	cps
Thallium	203-1	2895912	2843474	2847935	2862440	1.02	cps
Thallium	205-1	6739418	6713544	6702130	6718364	0.28	cps
Tin	118-1	2387182	2402390	2393367	2394313	0.32	cps
Titanium	47-1	1695914	1682772	1707338	1695342	0.73	cps
Uranium	238-1	9438506	9329809	9458302	9408872	0.74	cps
Vanadium	51-2	194702	193591	192662	193651	0.53	cps
Yttrium	89-1	4560753	4627326	4614776	4600952	0.77	cps
Yttrium	89-2	127801	126519	126664	126995	0.55	cps
Zinc	66-2	90577	90489	90013	90359	0.34	cps
Zirconium	90-1	4719550	4683525	4771257	4724777	0.93	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	PB105604BS	Instrumnet Name :	P8
Client Sample ID :	PB105604BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:39:34	DataFile Name :	039LCS6_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1030883	1022735	1035698	1029772	0.64	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185888	185832	183743	185154	0.66	cps
Antimony	121-1	228613	226219	225795	226876	0.67	cps
Arsenic	75-2	11292	11371	11145	11269	1.02	cps
Barium	135-1	3582181	3578137	3558680	3572999	0.35	cps
Barium	137-1	6101701	6101351	6135555	6112869	0.32	cps
Beryllium	9-1	4056	3895	4040	3997	2.22	cps
Bismuth	209-1	4075318	4153883	4116255	4115152	0.95	cps
Bismuth	209-2	943086	941275	931922	938761	0.64	cps
Boron	10-1	9120	9328	9278	9242	1.18	cps
Boron	11-1	42405	42957	42698	42687	0.65	cps
Cadmium	111-1	20387	19660	20028	20025	1.82	cps
Cadmium	106-1	4092	3826	3917	3945	3.44	cps
Cadmium	108-1	1767	1842	1867	1825	2.85	cps
Calcium	43-1	2418105	2421306	2395477	2411629	0.58	cps
Calcium	44-1	38537585	38834623	38561433	38644547	0.43	cps
Chromium	52-2	117357	119151	119649	118719	1.02	cps
Cobalt	59-2	79083	78221	78995	78766	0.60	cps
Copper	63-2	3734947	3781634	3817708	3778096	1.10	cps
Dysprosium	156-1	90680	91872	92828	91793	1.17	cps
Dysprosium	156-2	17829	17332	17168	17443	1.97	cps
Erbium	164-1	76299	77213	76869	76793	0.60	cps
Erbium	164-2	13821	14038	13928	13929	0.78	cps
Gadolinium	160-1	82914	84482	84523	83973	1.09	cps
Gadolinium	160-2	21201	21101	20813	21038	0.96	cps
Holmium	165-1	5584953	5527970	5527508	5546811	0.60	cps
Holmium	165-2	1029837	1034977	1018501	1027772	0.82	cps
Indium	115-1	4131337	4148188	4083716	4121080	0.81	cps
Indium	115-2	159035	158068	157889	158331	0.39	cps
Iron	56-2	85033752	85078299	86061519	85391190	0.68	cps
Iron	57-2	2196024	2201014	2205009	2200682	0.20	cps
Lead	206-1	55496103	56030732	56020623	55849153	0.55	cps
Lead	207-1	48361602	48665490	48443041	48490045	0.32	cps
Lead	208-1	221216405	221954538	221123837	221431593	0.21	cps
Lithium	6-1	624229	627370	623396	624998	0.34	cps
Magnesium	24-2	597875	598674	604319	600289	0.59	cps
Manganese	55-2	280576	281060	280155	280597	0.16	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	240986	241345	244788	242373	0.87	cps
Molybdenum	95-1	126217	127181	126332	126577	0.42	cps
Molybdenum	96-1	166314	166511	168316	167047	0.66	cps
Molybdenum	97-1	77966	79658	79449	79024	1.17	cps
Molybdenum	98-1	203288	203583	204452	203774	0.30	cps
Neodymium	150-1	142901	144851	145342	144365	0.89	cps
Neodymium	150-2	17709	17625	17275	17536	1.31	cps
Nickel	60-2	75960	77290	78701	77317	1.77	cps
Phosphorus	31-2	7069	6977	6577	6874	3.81	cps
Potassium	39-2	80555	79559	81042	80385	0.94	cps
Rhodium	103-1	3750557	3761355	3766753	3759555	0.22	cps
Rhodium	103-2	918759	918442	907291	914831	0.71	cps
Scandium	45-1	2400117	2368006	2392633	2386919	0.70	cps
Scandium	45-2	17718	17471	17337	17509	1.10	cps
Selenium	77-2	67	90	70	76	16.70	cps
Selenium	78-2	56	56	80	64	21.86	cps
Selenium	82-1	1199	1289	1243	1244	3.61	cps
Silicon	28-1	6802632	6808684	5942558	6517958	7.65	cps
Silver	109-1	79125	79024	80499	79549	1.04	cps
Silver	107-1	83576	84330	83467	83791	0.56	cps
Sodium	23-2	1317683	1326190	1317547	1320474	0.37	cps
Strontium	86-1	1755801	1764456	1755755	1758671	0.28	cps
Strontium	88-1	14885982	15093068	14933695	14970915	0.72	cps
Sulfur	34-1	2196331	2180669	2222484	2199828	0.96	cps
Terbium	159-1	5727648	5757280	5656938	5713955	0.90	cps
Terbium	159-2	992908	990693	981064	988222	0.64	cps
Thallium	203-1	9137	8528	8512	8726	4.08	cps
Thallium	205-1	19399	20784	20776	20320	3.93	cps
Tin	118-1	3184482	3174593	3147983	3169019	0.60	cps
Titanium	47-1	878648	918605	892428	896560	2.26	cps
Uranium	238-1	274095	276155	276596	275615	0.48	cps
Vanadium	51-2	133458	133627	135969	134351	1.04	cps
Yttrium	89-1	5421540	5496690	5412506	5443579	0.85	cps
Yttrium	89-2	151506	152193	150603	151434	0.53	cps
Zinc	66-2	348866	349541	351415	349941	0.38	cps
Zirconium	90-1	468168	471041	477524	472244	1.01	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:42:36	DataFile Name :	040SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	104173	103887	104247	104102	0.18	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188302	189160	190903	189455	0.70	cps
Antimony	121-1	230732	231041	234925	232233	1.01	cps
Arsenic	75-2	11509	11820	11870	11733	1.67	cps
Barium	135-1	3563917	3566577	3582255	3570916	0.28	cps
Barium	137-1	6093630	6108636	6175038	6125768	0.71	cps
Beryllium	9-1	4095	3995	4062	4051	1.26	cps
Bismuth	209-1	4094624	4057806	4077423	4076618	0.45	cps
Bismuth	209-2	942046	949904	941280	944410	0.51	cps
Boron	10-1	8461	8378	8028	8289	2.78	cps
Boron	11-1	38528	39104	39037	38890	0.81	cps
Cadmium	111-1	20292	20003	20222	20172	0.75	cps
Cadmium	106-1	4176	3851	4159	4062	4.51	cps
Cadmium	108-1	1713	1871	1838	1807	4.62	cps
Calcium	43-1	2445179	2441563	2449379	2445373	0.16	cps
Calcium	44-1	38970080	38950711	39569035	39163276	0.90	cps
Chromium	52-2	123361	122930	123391	123227	0.21	cps
Cobalt	59-2	82710	81993	81396	82033	0.80	cps
Copper	63-2	3807559	3877528	3876206	3853764	1.04	cps
Dysprosium	156-1	92049	90587	89455	90697	1.43	cps
Dysprosium	156-2	17799	17979	17485	17754	1.41	cps
Erbium	164-1	76818	77884	77398	77366	0.69	cps
Erbium	164-2	14191	14231	14685	14369	1.91	cps
Gadolinium	160-1	82116	84449	83702	83422	1.43	cps
Gadolinium	160-2	21444	21418	21181	21348	0.68	cps
Holmium	165-1	5549424	5495619	5485536	5510193	0.62	cps
Holmium	165-2	1041242	1046486	1035571	1041100	0.52	cps
Indium	115-1	4173691	4120369	4128113	4140725	0.70	cps
Indium	115-2	163893	162819	161668	162793	0.68	cps
Iron	56-2	87970199	87820680	88464224	88085034	0.38	cps
Iron	57-2	2261227	2259905	2229617	2250249	0.79	cps
Lead	206-1	55007304	55556147	55596215	55386555	0.59	cps
Lead	207-1	48155926	47916415	47911515	47994619	0.29	cps
Lead	208-1	218517766	218861873	219314594	218898078	0.18	cps
Lithium	6-1	625333	623678	624897	624636	0.14	cps
Magnesium	24-2	617055	619646	620886	619196	0.32	cps
Manganese	55-2	287743	289944	290434	289374	0.50	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	247538	245438	256779	249918	2.41	cps
Molybdenum	95-1	127578	127089	129168	127945	0.85	cps
Molybdenum	96-1	168383	167911	169336	168544	0.43	cps
Molybdenum	97-1	80212	78795	79106	79371	0.94	cps
Molybdenum	98-1	206018	206918	208413	207116	0.58	cps
Neodymium	150-1	145093	143536	144925	144518	0.59	cps
Neodymium	150-2	18003	18206	18136	18115	0.57	cps
Nickel	60-2	80325	79673	78818	79605	0.95	cps
Phosphorus	31-2	7060	7044	7319	7141	2.16	cps
Potassium	39-2	81938	83800	85015	83584	1.85	cps
Rhodium	103-1	3764916	3749259	3806996	3773724	0.79	cps
Rhodium	103-2	939905	935916	931850	935890	0.43	cps
Scandium	45-1	2453272	2454800	2459365	2455812	0.13	cps
Scandium	45-2	17284	18626	18002	17971	3.74	cps
Selenium	77-2	117	87	100	101	14.87	cps
Selenium	78-2	56	56	52	54	3.94	cps
Selenium	82-1	1335	1161	1215	1237	7.20	cps
Silicon	28-1	6980947	6834137	6772080	6862388	1.56	cps
Silver	109-1	82527	81715	81446	81896	0.69	cps
Silver	107-1	85219	84967	85462	85216	0.29	cps
Sodium	23-2	1384323	1354972	1360435	1366577	1.14	cps
Strontium	86-1	1758634	1780378	1800870	1779961	1.19	cps
Strontium	88-1	15115188	15182083	15269912	15189061	0.51	cps
Sulfur	34-1	2254165	2231692	2239194	2241684	0.51	cps
Terbium	159-1	5765273	5652723	5689238	5702411	1.01	cps
Terbium	159-2	1004610	1000553	1001765	1002309	0.21	cps
Thallium	203-1	8003	7819	7544	7789	2.96	cps
Thallium	205-1	19399	19783	19365	19516	1.19	cps
Tin	118-1	3181757	3167292	3226004	3191684	0.96	cps
Titanium	47-1	913209	904478	913229	910305	0.55	cps
Uranium	238-1	271584	270652	270381	270873	0.23	cps
Vanadium	51-2	138386	139681	139797	139288	0.56	cps
Yttrium	89-1	5440835	5449383	5516768	5468995	0.76	cps
Yttrium	89-2	156926	155264	154518	155569	0.79	cps
Zinc	66-2	356657	355363	358729	356917	0.48	cps
Zirconium	90-1	509865	477237	475550	487551	3.97	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01DUP	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:45:42	DataFile Name :	041SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	111554	103459	107413	107475	3.77	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38110	38704	37776	38197	1.23	cps
Antimony	121-1	46022	46474	47085	46527	1.15	cps
Arsenic	75-2	2374	2285	2304	2321	2.02	cps
Barium	135-1	683407	688133	685875	685805	0.34	cps
Barium	137-1	1174525	1188671	1187994	1183730	0.67	cps
Beryllium	9-1	950	1161	1200	1104	12.19	cps
Bismuth	209-1	3896455	3796480	3853182	3848706	1.30	cps
Bismuth	209-2	897003	903401	899346	899916	0.36	cps
Boron	10-1	2584	2859	2709	2717	5.07	cps
Boron	11-1	13107	13657	13840	13535	2.82	cps
Cadmium	111-1	4440	4971	4847	4753	5.84	cps
Cadmium	106-1	1408	1592	1617	1539	7.39	cps
Cadmium	108-1	442	325	354	374	16.25	cps
Calcium	43-1	482212	484379	484550	483714	0.27	cps
Calcium	44-1	7886513	7960536	7982348	7943132	0.63	cps
Chromium	52-2	25263	25086	24963	25104	0.60	cps
Cobalt	59-2	17104	17024	16944	17024	0.47	cps
Copper	63-2	792282	786806	784289	787792	0.52	cps
Dysprosium	156-1	17980	17287	17779	17682	2.02	cps
Dysprosium	156-2	3631	3437	3451	3506	3.08	cps
Erbium	164-1	15777	14926	15426	15376	2.78	cps
Erbium	164-2	2814	2750	2677	2747	2.49	cps
Gadolinium	160-1	15602	16086	16353	16013	2.38	cps
Gadolinium	160-2	4194	4284	4251	4243	1.07	cps
Holmium	165-1	5704340	5603922	5630786	5646349	0.92	cps
Holmium	165-2	1088015	1086489	1075640	1083381	0.62	cps
Indium	115-1	4489356	4423081	4403006	4438481	1.02	cps
Indium	115-2	177604	178063	177595	177754	0.15	cps
Iron	56-2	18155333	17965744	17994600	18038559	0.57	cps
Iron	57-2	453869	451629	449199	451566	0.52	cps
Lead	206-1	10976161	10972471	10939589	10962740	0.18	cps
Lead	207-1	9471436	9426715	9414550	9437567	0.32	cps
Lead	208-1	43371585	43052242	42945013	43122947	0.51	cps
Lithium	6-1	655237	647492	653860	652196	0.63	cps
Magnesium	24-2	126745	130452	127106	128101	1.60	cps
Manganese	55-2	60022	58569	57940	58843	1.81	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48120	47602	47818	47846	0.54	cps
Molybdenum	95-1	24323	24874	25283	24826	1.94	cps
Molybdenum	96-1	32766	32958	34236	33320	2.40	cps
Molybdenum	97-1	16127	16561	16119	16269	1.55	cps
Molybdenum	98-1	40620	39951	41231	40601	1.58	cps
Neodymium	150-1	28652	28151	27663	28155	1.76	cps
Neodymium	150-2	3691	3551	3464	3568	3.21	cps
Nickel	60-2	16363	16854	17204	16807	2.51	cps
Phosphorus	31-2	1325	1175	1659	1386	17.85	cps
Potassium	39-2	18872	18204	18830	18635	2.01	cps
Rhodium	103-1	4089587	4033293	4010805	4044562	1.00	cps
Rhodium	103-2	1004387	1001889	999322	1001866	0.25	cps
Scandium	45-1	2454868	2405348	2447452	2435889	1.10	cps
Scandium	45-2	18279	18139	17731	18050	1.58	cps
Selenium	77-2	30	17	23	23	28.56	cps
Selenium	78-2	9	7	15	10	36.70	cps
Selenium	82-1	194	308	224	242	24.38	cps
Silicon	28-1	1889110	1909013	1656520	1818214	7.72	cps
Silver	109-1	16452	16336	17078	16622	2.40	cps
Silver	107-1	16836	17812	17020	17223	3.01	cps
Sodium	23-2	282995	279461	277019	279825	1.07	cps
Strontium	86-1	340368	343126	342848	342114	0.44	cps
Strontium	88-1	3076697	3048336	3082938	3069324	0.60	cps
Sulfur	34-1	807878	807110	808834	807941	0.11	cps
Terbium	159-1	5911735	5852405	5818918	5861019	0.80	cps
Terbium	159-2	1039130	1041438	1039425	1039998	0.12	cps
Thallium	203-1	1859	1917	1867	1881	1.68	cps
Thallium	205-1	4143	4626	4985	4584	9.22	cps
Tin	118-1	613017	611531	610633	611727	0.20	cps
Titanium	47-1	184271	181913	180662	182282	1.01	cps
Uranium	238-1	52068	51525	51391	51661	0.69	cps
Vanadium	51-2	28319	27654	27744	27906	1.29	cps
Yttrium	89-1	4894517	4843615	4832887	4857006	0.68	cps
Yttrium	89-2	139456	138584	139126	139056	0.32	cps
Zinc	66-2	74177	75738	74508	74808	1.10	cps
Zirconium	90-1	93244	92295	91737	92425	0.82	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01LX5	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-12 16:48:47	DataFile Name :	042SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	19865	21488	20466	20606	3.98	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269192	268966	270871	269677	0.39	cps
Antimony	121-1	2793749	2781437	2789025	2788070	0.22	cps
Arsenic	75-2	43516	42998	43576	43363	0.73	cps
Barium	135-1	6445430	6459080	6514886	6473132	0.57	cps
Barium	137-1	11098695	11238646	11305833	11214391	0.94	cps
Beryllium	9-1	387128	382738	384857	384908	0.57	cps
Bismuth	209-1	3829608	3813055	3908693	3850452	1.33	cps
Bismuth	209-2	826217	883665	888101	865994	3.99	cps
Boron	10-1	51084	50406	52831	51440	2.43	cps
Boron	11-1	230423	234790	238186	234466	1.66	cps
Cadmium	111-1	676849	673469	674949	675089	0.25	cps
Cadmium	106-1	69529	69329	69161	69340	0.27	cps
Cadmium	108-1	47529	47964	48725	48073	1.26	cps
Calcium	43-1	2766212	2750207	2797715	2771378	0.87	cps
Calcium	44-1	44039113	43980021	44283898	44101011	0.37	cps
Chromium	52-2	492513	492464	492526	492501	0.01	cps
Cobalt	59-2	629083	628643	631901	629876	0.28	cps
Copper	63-2	5412827	5398765	5383278	5398290	0.27	cps
Dysprosium	156-1	106164	107196	105851	106404	0.66	cps
Dysprosium	156-2	20556	20389	20152	20366	1.00	cps
Erbium	164-1	84700	86781	87477	86319	1.67	cps
Erbium	164-2	15633	15950	15863	15815	1.04	cps
Gadolinium	160-1	95910	94886	96079	95625	0.67	cps
Gadolinium	160-2	24670	24326	24136	24377	1.11	cps
Holmium	165-1	5299764	5395784	5440011	5378519	1.33	cps
Holmium	165-2	933704	1010617	1010121	984814	4.49	cps
Indium	115-1	3932794	3934338	3946748	3937960	0.19	cps
Indium	115-2	137912	150732	151165	146603	5.14	cps
Iron	56-2	84687238	83648085	83387613	83907645	0.82	cps
Iron	57-2	2198179	2142009	2166023	2168737	1.30	cps
Lead	206-1	47646521	48035755	48178562	47953613	0.57	cps
Lead	207-1	41109891	41722470	41594305	41475556	0.78	cps
Lead	208-1	188374553	189633142	190974392	189660695	0.69	cps
Lithium	6-1	599116	598157	611112	602795	1.20	cps
Magnesium	24-2	1590697	1577739	1574411	1580949	0.54	cps
Manganese	55-2	436423	433802	435816	435347	0.32	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5319221	5327216	5407270	5351236	0.91	cps
Molybdenum	95-1	6782449	6728763	6854430	6788548	0.93	cps
Molybdenum	96-1	7527851	7573379	7598115	7566448	0.47	cps
Molybdenum	97-1	4201454	4228478	4260865	4230266	0.70	cps
Molybdenum	98-1	10881648	10867185	11095565	10948133	1.17	cps
Neodymium	150-1	170385	172458	169298	170713	0.94	cps
Neodymium	150-2	21621	21384	21865	21624	1.11	cps
Nickel	60-2	303613	303879	306588	304693	0.54	cps
Phosphorus	31-2	3301	3401	3726	3476	6.40	cps
Potassium	39-2	339324	340387	338958	339557	0.22	cps
Rhodium	103-1	3635010	3609064	3702621	3648898	1.32	cps
Rhodium	103-2	827883	890963	899088	872645	4.47	cps
Scandium	45-1	2395611	2398718	2406184	2400171	0.23	cps
Scandium	45-2	16420	17421	17731	17191	3.99	cps
Selenium	77-2	257	317	310	294	11.17	cps
Selenium	78-2	763	800	761	775	2.83	cps
Selenium	82-1	42052	42121	42472	42215	0.53	cps
Silicon	28-1	13279764	13942611	23977908	17066761	35.12	cps
Silver	109-1	430462	423832	436961	430418	1.53	cps
Silver	107-1	444393	455589	450609	450197	1.25	cps
Sodium	23-2	3368691	3370895	3349096	3362894	0.36	cps
Strontium	86-1	2482757	2460287	2454558	2465867	0.60	cps
Strontium	88-1	20981132	21039316	20946121	20988856	0.22	cps
Sulfur	34-1	1558601	1545355	1540326	1548094	0.61	cps
Terbium	159-1	5531004	5520277	5542624	5531302	0.20	cps
Terbium	159-2	896943	964955	968658	943519	4.28	cps
Thallium	203-1	2640214	2682830	2676054	2666366	0.86	cps
Thallium	205-1	6096627	6198842	6218091	6171187	1.06	cps
Tin	118-1	6276616	6376499	6392529	6348548	0.99	cps
Titanium	47-1	2664711	2646978	2680702	2664130	0.63	cps
Uranium	238-1	8688725	8734716	8884893	8769445	1.17	cps
Vanadium	51-2	322494	320241	320203	320979	0.41	cps
Yttrium	89-1	5433703	5438339	5426393	5432812	0.11	cps
Yttrium	89-2	143676	154377	153599	150550	3.96	cps
Zinc	66-2	426739	425132	429054	426975	0.46	cps
Zirconium	90-1	4217825	4173858	4177973	4189885	0.58	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MS	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:51:55	DataFile Name :	043SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	910377	902192	911085	907885	0.54	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273656	270545	270636	271613	0.65	cps
Antimony	121-1	2884832	2838884	2874127	2865948	0.84	cps
Arsenic	75-2	45889	46671	46732	46431	1.01	cps
Barium	135-1	7209959	7191863	7127042	7176288	0.61	cps
Barium	137-1	12459368	12358018	12337980	12385122	0.53	cps
Beryllium	9-1	387968	390141	387808	388639	0.34	cps
Bismuth	209-1	3904760	3861291	3913933	3893328	0.72	cps
Bismuth	209-2	904466	902494	915632	907531	0.78	cps
Boron	10-1	52229	53676	53501	53135	1.49	cps
Boron	11-1	237749	243408	244560	241906	1.51	cps
Cadmium	111-1	686104	689911	687922	687979	0.28	cps
Cadmium	106-1	70971	71877	70569	71139	0.94	cps
Cadmium	108-1	49244	50244	48696	49395	1.59	cps
Calcium	43-1	3004661	2989976	3039729	3011455	0.85	cps
Calcium	44-1	48442349	48803759	48804006	48683372	0.43	cps
Chromium	52-2	396839	397398	399110	397782	0.30	cps
Cobalt	59-2	645105	646805	642597	644836	0.33	cps
Copper	63-2	11900100	11943701	11905737	11916513	0.20	cps
Dysprosium	156-1	102090	103794	103432	103105	0.87	cps
Dysprosium	156-2	19655	19241	19685	19527	1.27	cps
Erbium	164-1	82662	83753	84005	83473	0.85	cps
Erbium	164-2	15803	15122	15399	15442	2.22	cps
Gadolinium	160-1	93242	91840	91453	92178	1.02	cps
Gadolinium	160-2	23415	23171	24443	23676	2.85	cps
Holmium	165-1	5316390	5319623	5310023	5315345	0.09	cps
Holmium	165-2	1011494	1002161	1021684	1011780	0.97	cps
Indium	115-1	3807941	3799524	3812699	3806722	0.18	cps
Indium	115-2	146169	142227	144725	144374	1.38	cps
Iron	56-2	82838763	81622188	82182888	82214613	0.74	cps
Iron	57-2	2097468	2119892	2103761	2107040	0.55	cps
Lead	206-1	75475588	75447746	75392618	75438651	0.06	cps
Lead	207-1	64635167	64059704	64136971	64277281	0.49	cps
Lead	208-1	294682597	294797087	295155804	294878496	0.08	cps
Lithium	6-1	594345	600804	600655	598601	0.62	cps
Magnesium	24-2	1569702	1534239	1546017	1549986	1.17	cps
Manganese	55-2	465951	462948	461988	463629	0.45	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5277186	5348894	5320579	5315553	0.68	cps
Molybdenum	95-1	6670356	6769987	6789993	6743445	0.95	cps
Molybdenum	96-1	7464113	7553582	7518731	7512142	0.60	cps
Molybdenum	97-1	4160828	4188069	4212725	4187208	0.62	cps
Molybdenum	98-1	10784342	10866385	10857871	10836200	0.42	cps
Neodymium	150-1	167745	169427	169366	168846	0.56	cps
Neodymium	150-2	21318	21441	21291	21350	0.38	cps
Nickel	60-2	252566	252906	253722	253065	0.23	cps
Phosphorus	31-2	5109	4826	4976	4971	2.85	cps
Potassium	39-2	346264	345745	346183	346064	0.08	cps
Rhodium	103-1	3664070	3627576	3655899	3649182	0.52	cps
Rhodium	103-2	897241	887944	898580	894588	0.65	cps
Scandium	45-1	2397071	2400220	2422210	2406500	0.57	cps
Scandium	45-2	18129	18546	17391	18022	3.24	cps
Selenium	77-2	323	317	360	333	7.00	cps
Selenium	78-2	874	822	872	856	3.44	cps
Selenium	82-1	43391	43271	43111	43258	0.33	cps
Silicon	28-1	15759885	15762636	15470895	15664472	1.07	cps
Silver	109-1	542406	546692	539409	542836	0.67	cps
Silver	107-1	566339	573924	568114	569459	0.70	cps
Sodium	23-2	3496410	3470584	3496067	3487687	0.42	cps
Strontium	86-1	2685717	2689285	2648438	2674480	0.85	cps
Strontium	88-1	22520037	22965507	22826620	22770722	1.00	cps
Sulfur	34-1	1770272	1756470	1780509	1769084	0.68	cps
Terbium	159-1	5494435	5519667	5513362	5509155	0.24	cps
Terbium	159-2	965584	959622	975403	966870	0.82	cps
Thallium	203-1	2694305	2716332	2694944	2701861	0.46	cps
Thallium	205-1	6261741	6283452	6268856	6271350	0.18	cps
Tin	118-1	10274246	10309254	10258673	10280724	0.25	cps
Titanium	47-1	2777391	2748626	2764165	2763394	0.52	cps
Uranium	238-1	8979109	8913957	8966302	8953123	0.39	cps
Vanadium	51-2	341312	341070	341268	341216	0.04	cps
Yttrium	89-1	5331393	5425255	5389784	5382144	0.88	cps
Yttrium	89-2	152749	149959	152969	151892	1.10	cps
Zinc	66-2	452182	453460	453381	453008	0.16	cps
Zirconium	90-1	4095845	4124679	4096835	4105787	0.40	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01MSD	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:54:56	DataFile Name :	044SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	889901	894847	892026	892258	0.28	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : J1107-01A Instrumnet Name : P8
 Client Sample ID : WASTE-CLASS-2A Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 16:57:57 DataFile Name : 045SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270864	268139	266567	268523	0.81	cps
Antimony	121-1	2805585	2814451	2796137	2805391	0.33	cps
Arsenic	75-2	44221	45066	43971	44419	1.29	cps
Barium	135-1	6683360	6814461	6758169	6751997	0.97	cps
Barium	137-1	11596874	11685248	11726758	11669627	0.57	cps
Beryllium	9-1	378848	382322	380263	380478	0.46	cps
Bismuth	209-1	3820690	3858630	3839857	3839725	0.49	cps
Bismuth	209-2	888434	894467	888676	890526	0.38	cps
Boron	10-1	51151	52999	52597	52249	1.86	cps
Boron	11-1	233614	239738	245748	239700	2.53	cps
Cadmium	111-1	673735	673958	674150	673948	0.03	cps
Cadmium	106-1	68583	69739	68734	69019	0.91	cps
Cadmium	108-1	47534	47726	48458	47906	1.02	cps
Calcium	43-1	2813297	2866327	2856224	2845283	0.99	cps
Calcium	44-1	45597325	46032989	45984194	45871502	0.52	cps
Chromium	52-2	443789	440000	439993	441261	0.50	cps
Cobalt	59-2	624632	626928	623780	625113	0.26	cps
Copper	63-2	8453991	8544691	8507574	8502085	0.54	cps
Dysprosium	156-1	102903	103189	103340	103144	0.22	cps
Dysprosium	156-2	19558	19725	20262	19849	1.85	cps
Erbium	164-1	85020	83536	82008	83521	1.80	cps
Erbium	164-2	15289	15489	15553	15444	0.89	cps
Gadolinium	160-1	93333	92057	92401	92597	0.71	cps
Gadolinium	160-2	24039	23311	24313	23888	2.17	cps
Holmium	165-1	5255119	5304426	5259913	5273153	0.52	cps
Holmium	165-2	1009772	1005614	1003869	1006419	0.30	cps
Indium	115-1	3806415	3817402	3891259	3838359	1.20	cps
Indium	115-2	148222	148718	146824	147921	0.66	cps
Iron	56-2	81901205	82716160	82081932	82233099	0.52	cps
Iron	57-2	2143580	2098463	2093991	2112011	1.30	cps
Lead	206-1	61014669	60975175	60539510	60843118	0.43	cps
Lead	207-1	52017051	52716448	52555551	52429684	0.70	cps
Lead	208-1	238893579	240991218	239102061	239662286	0.48	cps
Lithium	6-1	591584	590426	597366	593125	0.63	cps
Magnesium	24-2	1538993	1507696	1544134	1530274	1.29	cps
Manganese	55-2	444105	443962	442930	443666	0.14	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01A	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:57:57	DataFile Name :	045SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5273721	5311807	5320521	5302017	0.47	cps
Molybdenum	95-1	6638556	6729580	6743055	6703730	0.85	cps
Molybdenum	96-1	7449078	7363818	7458799	7423898	0.70	cps
Molybdenum	97-1	4204056	4166562	4240807	4203809	0.88	cps
Molybdenum	98-1	10763022	10798065	10848213	10803100	0.40	cps
Neodymium	150-1	167859	171093	170737	169896	1.04	cps
Neodymium	150-2	20870	21277	21404	21184	1.32	cps
Nickel	60-2	275573	275554	275968	275698	0.08	cps
Phosphorus	31-2	3901	3826	3842	3856	1.02	cps
Potassium	39-2	336815	334953	334061	335276	0.42	cps
Rhodium	103-1	3545066	3594020	3655671	3598252	1.54	cps
Rhodium	103-2	891788	898080	891214	893694	0.43	cps
Scandium	45-1	2351485	2374918	2376684	2367696	0.59	cps
Scandium	45-2	18185	17638	17688	17837	1.70	cps
Selenium	77-2	343	393	333	357	9.01	cps
Selenium	78-2	815	828	865	836	3.10	cps
Selenium	82-1	42356	41871	41895	42041	0.65	cps
Silicon	28-1	14338989	14555787	14060009	14318262	1.74	cps
Silver	109-1	468069	468355	470066	468830	0.23	cps
Silver	107-1	493321	491478	491518	492106	0.21	cps
Sodium	23-2	3433290	3400890	3366226	3400135	0.99	cps
Strontium	86-1	2532427	2560181	2532883	2541830	0.63	cps
Strontium	88-1	21642268	21718670	21693276	21684738	0.18	cps
Sulfur	34-1	1652008	1628519	1648801	1643109	0.78	cps
Terbium	159-1	5422494	5441705	5406573	5423591	0.32	cps
Terbium	159-2	962984	964813	965647	964481	0.14	cps
Thallium	203-1	2634271	2646636	2613259	2631388	0.64	cps
Thallium	205-1	6138875	6161920	6162616	6154470	0.22	cps
Tin	118-1	8183743	8238124	8251694	8224520	0.44	cps
Titanium	47-1	2658281	2691002	2679766	2676350	0.62	cps
Uranium	238-1	8716204	8856220	8744777	8772400	0.84	cps
Vanadium	51-2	328598	326699	325747	327015	0.44	cps
Yttrium	89-1	5320507	5390101	5395331	5368646	0.78	cps
Yttrium	89-2	152173	153511	149952	151878	1.18	cps
Zinc	66-2	434118	433694	437246	435019	0.45	cps
Zirconium	90-1	4158503	4121477	4107555	4129179	0.64	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	J1107-01A	Instrumnet Name :	P8
Client Sample ID :	WASTE-CLASS-2A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 16:57:57	DataFile Name :	045SMPL_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	887034	885728	889757	887506	0.23	cps

LB Number : LB92597 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-12 17:00:57 DataFile Name : 046CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179640	179117	178813	179190	0.23	cps
Antimony	121-1	4216699	4244492	4243869	4235020	0.37	cps
Arsenic	75-2	34317	34137	34137	34197	0.30	cps
Barium	135-1	3759185	3725243	3750602	3745010	0.47	cps
Barium	137-1	6401301	6439945	6406048	6415765	0.33	cps
Beryllium	9-1	398760	397552	393522	396612	0.69	cps
Bismuth	209-1	3622925	3609126	3596170	3609407	0.37	cps
Bismuth	209-2	816673	811897	822716	817095	0.66	cps
Boron	10-1	46367	47555	47279	47067	1.32	cps
Boron	11-1	215131	216771	219266	217056	0.96	cps
Cadmium	111-1	691595	697932	689215	692914	0.65	cps
Cadmium	106-1	71708	72295	71440	71814	0.61	cps
Cadmium	108-1	49884	49829	49503	49739	0.41	cps
Calcium	43-1	3296927	3277771	3232388	3269029	1.01	cps
Calcium	44-1	52940161	52967927	53096842	53001643	0.16	cps
Chromium	52-2	255922	256094	253613	255210	0.54	cps
Cobalt	59-2	548904	545080	541569	545184	0.67	cps
Copper	63-2	932264	931615	929935	931272	0.13	cps
Dysprosium	156-1	108	125	83	106	19.87	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	92	58	67	72	24.02	cps
Gadolinium	160-2	23	10	10	14	53.28	cps
Holmium	165-1	5730819	5693498	5567579	5663965	1.51	cps
Holmium	165-2	1053286	1043201	1043326	1046604	0.55	cps
Indium	115-1	4193605	4219088	4156673	4189789	0.75	cps
Indium	115-2	162017	160321	160184	160841	0.64	cps
Iron	56-2	42198766	41961247	41770988	41977000	0.51	cps
Iron	57-2	1057069	1056234	1049242	1054182	0.41	cps
Lead	206-1	2333991	2335232	2309525	2326249	0.62	cps
Lead	207-1	2140796	2142435	2130583	2137938	0.30	cps
Lead	208-1	9499389	9419481	9411011	9443294	0.52	cps
Lithium	6-1	610282	605583	606743	607536	0.40	cps
Magnesium	24-2	4406820	4361341	4370853	4379671	0.55	cps
Manganese	55-2	144710	143494	144296	144167	0.43	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:00:57	DataFile Name :	046CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5673211	5658937	5686873	5673007	0.25	cps
Molybdenum	95-1	6952162	6979192	6898821	6943392	0.59	cps
Molybdenum	96-1	7733961	7707559	7656420	7699313	0.51	cps
Molybdenum	97-1	4333789	4301216	4327576	4320860	0.40	cps
Molybdenum	98-1	11241164	11115041	11040298	11132167	0.91	cps
Neodymium	150-1	193	267	133	198	33.76	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	158425	157249	153876	156517	1.51	cps
Phosphorus	31-2	2542	2717	2367	2542	6.89	cps
Potassium	39-2	1261050	1260984	1257597	1259877	0.16	cps
Rhodium	103-1	3776170	3782774	3708404	3755783	1.10	cps
Rhodium	103-2	919108	903067	909408	910528	0.89	cps
Scandium	45-1	2260253	2282534	2237776	2260188	0.99	cps
Scandium	45-2	16770	16446	16507	16574	1.04	cps
Selenium	77-2	243	260	227	243	6.85	cps
Selenium	78-2	756	741	778	758	2.46	cps
Selenium	82-1	43852	43570	43495	43639	0.43	cps
Silicon	28-1	1518073	1503182	1504723	1508659	0.54	cps
Silver	109-1	3294281	3313163	3326183	3311209	0.48	cps
Silver	107-1	3405994	3441571	3433144	3426903	0.54	cps
Sodium	23-2	10328626	10249541	10288560	10288909	0.38	cps
Strontium	86-1	890100	889168	895640	891636	0.39	cps
Strontium	88-1	7872080	7844725	7870388	7862398	0.19	cps
Sulfur	34-1	498372	498669	494724	497255	0.44	cps
Terbium	159-1	5849661	5812689	5800427	5820925	0.44	cps
Terbium	159-2	1008674	998901	998208	1001928	0.58	cps
Thallium	203-1	2819759	2808580	2811159	2813166	0.21	cps
Thallium	205-1	6645230	6532433	6500038	6559234	1.16	cps
Tin	118-1	2364787	2356687	2358724	2360066	0.18	cps
Titanium	47-1	1708811	1700416	1689482	1699569	0.57	cps
Uranium	238-1	9416878	9524961	9422282	9454707	0.64	cps
Vanadium	51-2	193749	192384	190579	192237	0.83	cps
Yttrium	89-1	4492012	4498351	4502917	4497760	0.12	cps
Yttrium	89-2	123630	123441	123744	123605	0.12	cps
Zinc	66-2	86923	86709	86950	86861	0.15	cps
Zirconium	90-1	4762162	4783843	4826003	4790669	0.68	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:00:57	DataFile Name :	046CCV_P8011218-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1041878	1040615	1037055	1039849	0.24	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	433	542	700	558	24.02	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	75	58	42	58	28.57	cps
Barium	137-1	108	92	42	81	43.07	cps
Beryllium	9-1	461	411	306	393	20.23	cps
Bismuth	209-1	3697777	3695544	3687922	3693748	0.14	cps
Bismuth	209-2	867005	867558	875978	870180	0.58	cps
Boron	10-1	1350	1058	1392	1267	14.34	cps
Boron	11-1	5918	5843	5635	5799	2.53	cps
Cadmium	111-1	713	595	598	635	10.59	cps
Cadmium	106-1	975	808	800	861	11.46	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	908	900	958	922	3.42	cps
Calcium	44-1	15518	15142	15292	15317	1.23	cps
Chromium	52-2	303	300	223	276	16.42	cps
Cobalt	59-2	70	57	77	68	15.02	cps
Copper	63-2	213	207	203	208	2.45	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	42	0	28	86.60	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	5454372	5474924	5490528	5473275	0.33	cps
Holmium	165-2	1056801	1059634	1070711	1062382	0.69	cps
Indium	115-1	4375185	4386791	4416428	4392801	0.48	cps
Indium	115-2	173496	175208	176884	175196	0.97	cps
Iron	56-2	3256	3801	3601	3552	7.75	cps
Iron	57-2	72	117	122	104	26.43	cps
Lead	206-1	3328	3312	2956	3199	6.58	cps
Lead	207-1	2639	2784	2734	2719	2.70	cps
Lead	208-1	12703	12375	12153	12410	2.23	cps
Lithium	6-1	646288	644188	645425	645300	0.16	cps
Magnesium	24-2	733	692	558	661	13.83	cps
Manganese	55-2	40	30	33	34	14.78	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	225	250	247	8.48	cps
Molybdenum	95-1	183	167	208	186	11.27	cps
Molybdenum	96-1	225	175	183	194	13.78	cps
Molybdenum	97-1	108	167	183	153	25.78	cps
Molybdenum	98-1	242	258	233	244	5.21	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	227	243	246	8.18	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2217	2284	2509	2336	6.54	cps
Rhodium	103-1	3986198	4022215	3933424	3980612	1.12	cps
Rhodium	103-2	992157	988860	1005091	995369	0.86	cps
Scandium	45-1	2337814	2319433	2332122	2329790	0.40	cps
Scandium	45-2	17558	17715	17364	17546	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-16	54	14	17	201.68	cps
Silicon	28-1	375237	374983	423405	391208	7.13	cps
Silver	109-1	100	83	92	92	9.09	cps
Silver	107-1	83	92	108	94	13.48	cps
Sodium	23-2	11480	11647	11947	11691	2.02	cps
Strontium	86-1	500	450	575	508	12.38	cps
Strontium	88-1	192	158	167	172	10.07	cps
Sulfur	34-1	330007	333110	329645	330921	0.58	cps
Terbium	159-1	5706140	5637608	5639448	5661065	0.69	cps
Terbium	159-2	1013478	1024399	1023069	1020315	0.58	cps
Thallium	203-1	450	542	517	503	9.42	cps
Thallium	205-1	1133	1392	1492	1339	13.81	cps
Tin	118-1	633	642	750	675	9.64	cps
Titanium	47-1	117	75	100	97	21.57	cps
Uranium	238-1	33	75	75	61	39.36	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	4459988	4512605	4565320	4512638	1.17	cps
Yttrium	89-2	128204	129328	130025	129186	0.71	cps
Zinc	66-2	30	27	47	34	31.11	cps
Zirconium	90-1	383	433	375	397	7.94	cps

LB Number :	LB92597	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-12 17:16:48	DataFile Name :	048CCBE_P8011218-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	83	125	94	28.37	cps