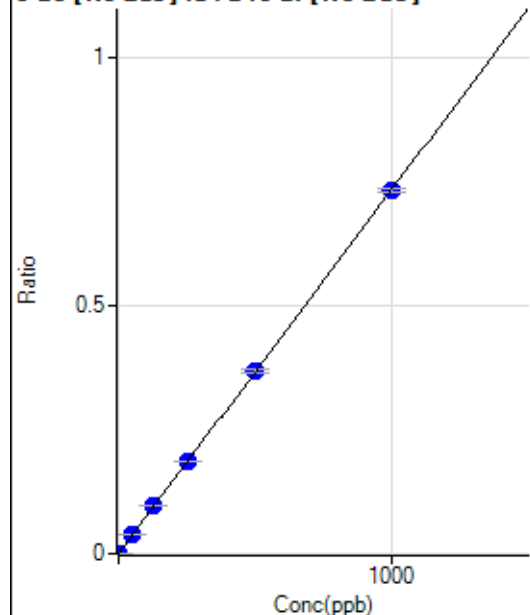


Batch Folder: D:\P8121517P8.b\
Analysis File: P8121517P8.batch.bin
DA Date-Time: 2017-12-15 17:11:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-12-15 13:27:24
2			
3	005CALS.d	S02	2017-12-15 13:34:25
4	006CALS.d	S03	2017-12-15 13:37:54
5	007CALS.d	S04	2017-12-15 13:41:23
6	008CALS.d	S05	2017-12-15 13:44:46
7	009CALS.d	S06	2017-12-15 13:48:02
8	010CALS.d	S07	2017-12-15 13:51:15
9	011CALS.d	S08	2017-12-15 13:54:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	1.049	983.40	0.0009	P	2.6
4	☐	50.000	51.566	42253.29	0.0379	P	1.4
5	☐	125.000	129.993	109388.71	0.0954	P	0.5
6	☐	250.000	253.412	211824.89	0.1859	P	1.2
7	☐	500.000	501.841	418450.77	0.3681	P	1.8
8	☐	1000.000	997.524	839773.81	0.7316	P	1.2
9	☐			861.16	0.0008	P	4.6

$$y = 7.3333\text{E-}004 * x + 9.9024\text{E-}005$$

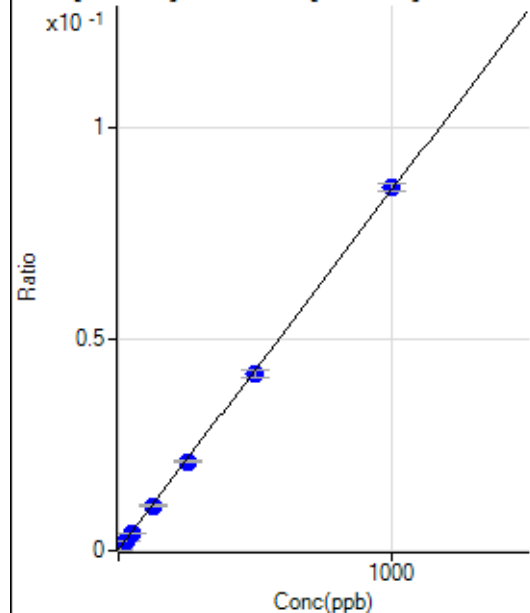
$$R = 1.0000$$

$$DL = 0.0353$$

$$BEC = 0.135$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0002	P	23.1
2	☐	2.500					
3	☐	25.000	23.697	2558.69	0.0023	P	3.6
4	☐	50.000	46.430	4667.63	0.0042	P	3.1
5	☐	125.000	122.578	12214.09	0.0107	P	3.6
6	☐	250.000	245.466	24026.50	0.0211	P	0.4
7	☐	500.000	489.887	47560.56	0.0418	P	4.3
8	☐	1000.000	1006.704	98392.18	0.0857	P	2.2
9	☐			4067.40	0.0036	P	4.4

$$y = 8.4901\text{E-}005 * x + 2.4763\text{E-}004$$

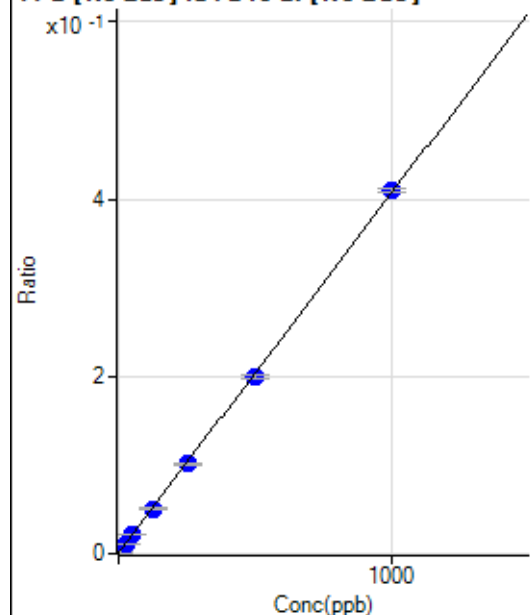
$$R = 0.9999$$

$$DL = 2.022$$

$$BEC = 2.917$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1269.56	0.0011	P	4.8
2	☐	2.500					
3	☐	25.000	22.644	11619.05	0.0103	P	5.3
4	☐	50.000	49.069	23372.49	0.0210	P	2.5
5	☐	125.000	121.669	57800.56	0.0504	P	2.4
6	☐	250.000	246.228	115013.78	0.1009	P	1.6
7	☐	500.000	490.255	227258.99	0.1999	P	2.1
8	☐	1000.000	1006.338	469773.34	0.4092	P	1.0
9	☐			18217.85	0.0162	P	9.9

$$y = 4.0557\text{E-}004 * x + 0.0011$$

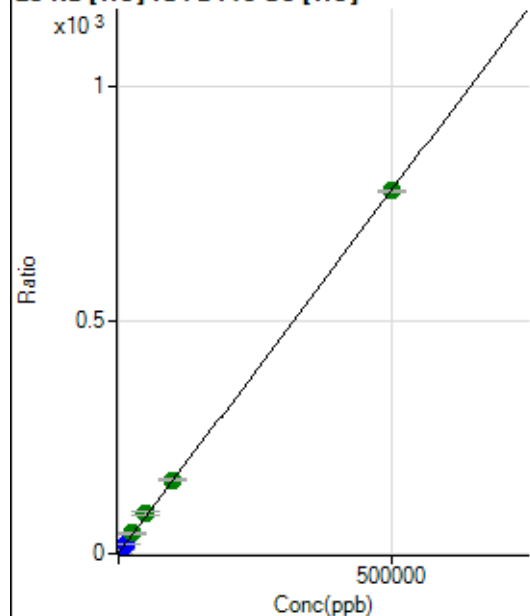
$$R = 0.9999$$

$$DL = 0.3818$$

$$BEC = 2.657$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44183.54	1.2048	P	3.7
2	☐	50.000					
3	☐	500.000	478.734	69257.88	1.9483	P	0.5
4	☐	5000.000	5186.295	318131.76	9.2597	P	1.1
5	☐	12500.000	12840.665	728485.43	21.1479	P	1.3
6	☐	25000.000	27856.667	1411328.96	44.4695	A	8.0
7	☐	50000.000	54549.450	2718930.03	85.9266	A	10.7
8	☐	100000.00	100601.25	5363498.60	157.4506	A	1.5
9	☐	500000.00	499271.61	27518709.99	776.6332	A	0.3

$$y = 0.0016 * x + 1.2048$$

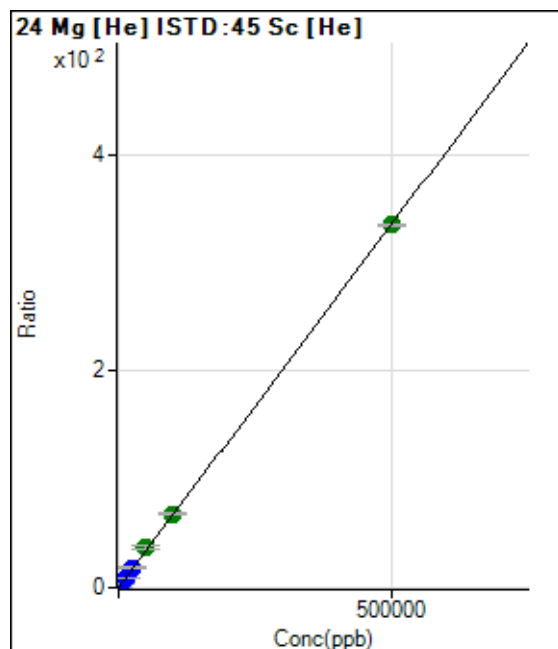
$$R = 1.0000$$

$$DL = 85.78$$

$$BEC = 775.7$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1677.95	0.0458	P	13.4
2	☐	50.000					
3	☐	500.000	487.825	13253.96	0.3729	P	1.3
4	☐	5000.000	5199.139	121338.68	3.5318	P	2.0
5	☐	12500.000	12959.647	300914.89	8.7353	P	0.4
6	☐	25000.000	27505.950	586445.71	18.4886	P	9.1
7	☐	50000.000	54773.319	1163471.17	36.7715	A	10.8
8	☐	100000.00	101501.32	2319888.55	68.1029	A	1.6
9	☐	500000.00	499083.63	11858871.36	334.6838	A	0.5

$$y = 6.7050E-004 * x + 0.0458$$

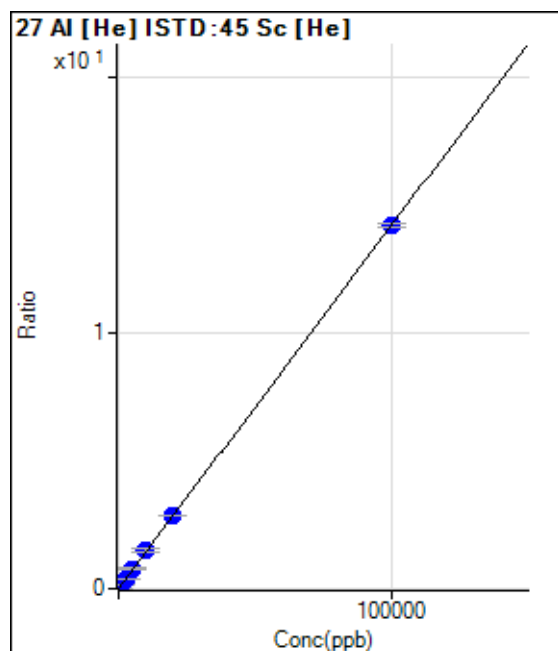
$$R = 0.9999$$

$$DL = 27.43$$

$$BEC = 68.26$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	114.
2	☐	2.000					
3	☐	20.000	16.582	94.45	0.0027	P	27.0
4	☐	1000.000	1031.490	5051.12	0.1470	P	3.3
5	☐	2500.000	2630.189	12898.04	0.3743	P	3.0
6	☐	5000.000	5350.268	24135.30	0.7612	P	9.9
7	☐	10000.000	10743.471	48377.83	1.5282	P	9.9
8	☐	20000.000	20253.626	98133.01	2.8806	P	1.0
9	☐	100000.00	99853.845	503171.95	14.2009	P	1.1

$$y = 1.4221E-004 * x + 2.9904E-004$$

$$R = 1.0000$$

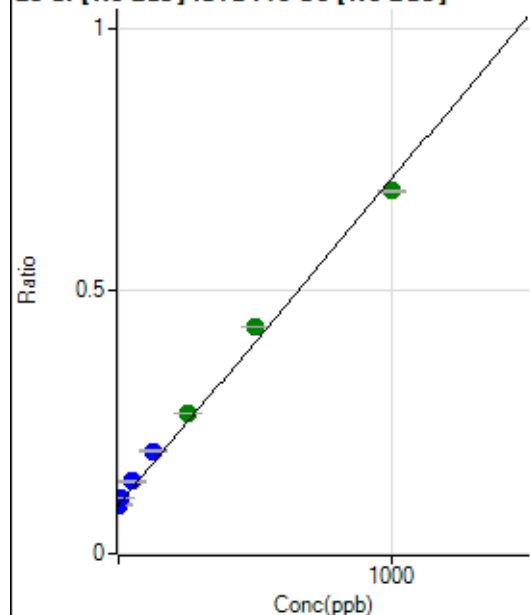
$$DL = 7.201$$

$$BEC = 2.103$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391340.75	0.0933	P	0.5
2	☐	1.000					
3	☐	10.000	21.153	428333.16	0.1064	P	0.6
4	☐	50.000	71.075	548739.76	0.1373	P	1.4
5	☐	125.000	164.439	803888.64	0.1952	P	1.4
6	☐	250.000	280.515	1090399.18	0.2672	A	0.4
7	☐	500.000	545.643	1761487.15	0.4316	A	0.3
8	☐	1000.000	963.455	2886732.01	0.6907	A	0.5
9	☐			837832.53	0.1999	P	2.1

$$y = 6.2008\text{E-}004 * x + 0.0933$$

$$R = 0.9976$$

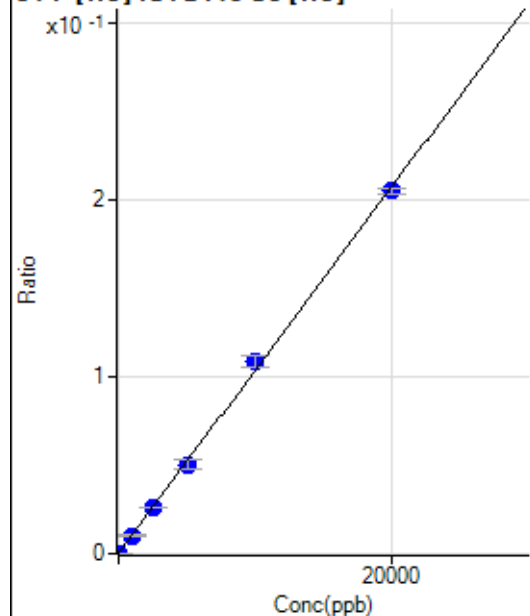
$$DL = 2.321$$

$$BEC = 150.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	7.193	11.11	0.0003	P	86.6
2	☐	0.000					
3	☐	0.000	-7.193	5.55	0.0002	P	86.6
4	☐	1000.000	967.939	352.80	0.0103	P	13.7
5	☐	2500.000	2498.664	900.07	0.0261	P	2.6
6	☐	5000.000	4851.502	1605.71	0.0505	P	10.7
7	☐	10000.000	10487.807	3461.70	0.1089	P	5.5
8	☐	20000.000	19794.991	6996.47	0.2054	P	1.3
9	☐			2.78	0.0001	P	173.

$$y = 1.0363\text{E-}005 * x + 2.3078\text{E-}004$$

$$R = 0.9995$$

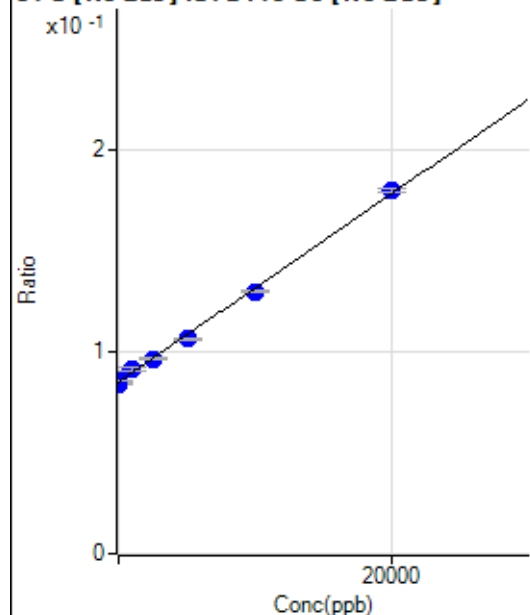
$$DL = 57.87$$

$$BEC = 22.27$$

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	-191.460	352555.25	0.0840	P	0.5
2	☐	0.000					
3	☐	0.000	191.460	345485.83	0.0858	P	0.2
4	☐	1000.000	1405.296	365386.69	0.0914	P	1.7
5	☐	2500.000	2424.764	396102.10	0.0962	P	0.9
6	☐	5000.000	4558.400	433062.58	0.1061	P	0.8
7	☐	10000.000	9627.182	529336.62	0.1297	P	0.8
8	☐	20000.000	20285.949	749331.59	0.1793	P	1.2
9	☐			317496.75	0.0757	P	0.5

$$y = 4.6526E-006 * x + 0.0849$$

$$R = 0.9990$$

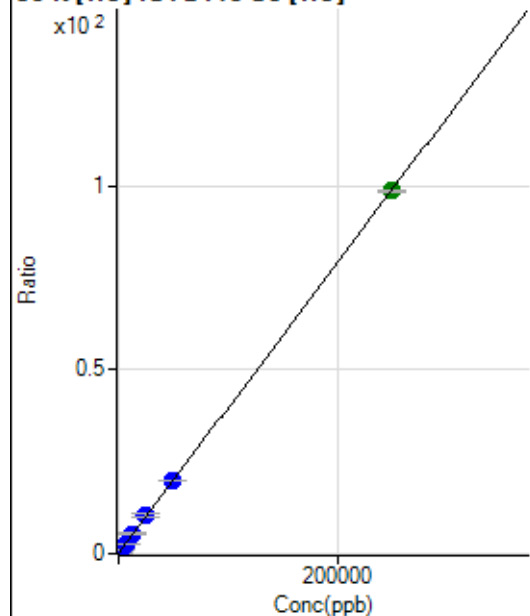
$$DL = 203.1$$

$$BEC = 1.825E+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2978.22	0.0812	P	2.9
2	☐	50.000					
3	☐	500.000	460.995	9342.39	0.2628	P	1.2
4	☐	2500.000	2569.366	37578.94	1.0937	P	1.8
5	☐	6250.000	6329.424	88715.10	2.5754	P	1.6
6	☐	12500.000	13550.781	171935.31	5.4211	P	9.3
7	☐	25000.000	26506.346	333114.94	10.5264	P	10.5
8	☐	50000.000	49894.127	672526.07	19.7428	P	1.6
9	☐	250000.00	249815.40	3491006.72	98.5250	A	0.8

$$y = 3.9407E-004 * x + 0.0812$$

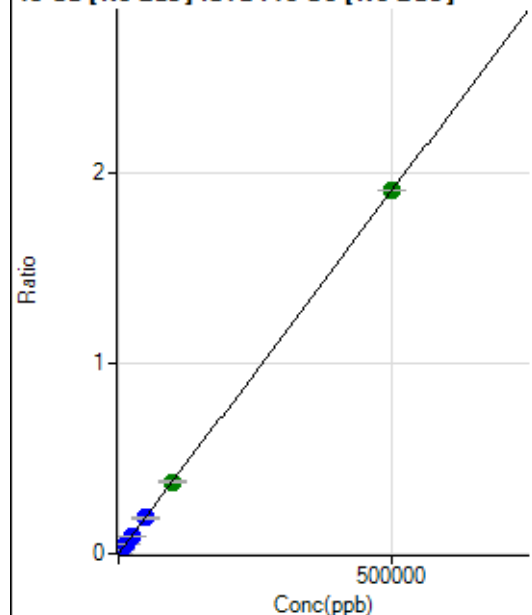
$$R = 1.0000$$

$$DL = 18.02$$

$$BEC = 205.9$$

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	866.74	0.0002	P	6.5
2	☐	50.000					
3	☐	500.000	444.737	7657.99	0.0019	P	4.4
4	☐	5000.000	4847.232	74657.34	0.0187	P	1.8
5	☐	12500.000	12233.394	192862.74	0.0468	P	1.2
6	☐	25000.000	24585.499	383260.83	0.0939	P	0.2
7	☐	50000.000	49100.057	764663.57	0.1874	P	1.1
8	☐	100000.00	98891.249	1576223.65	0.3771	A	1.6
9	☐	500000.00	500340.71	7995627.09	1.9073	A	0.2

$$y = 3.8116\text{E-}006 * x + 2.0654\text{E-}004$$

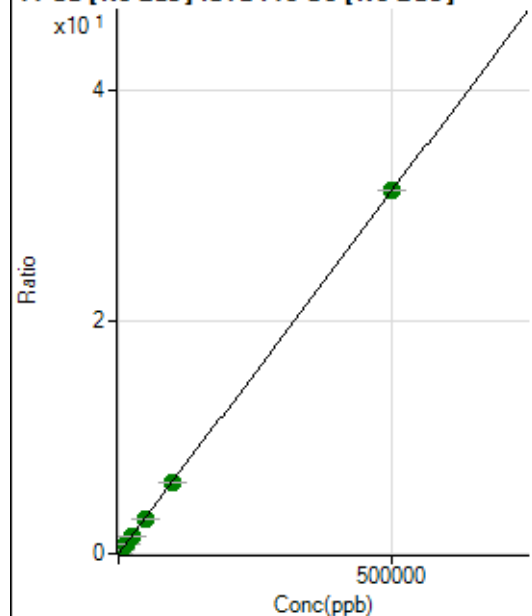
$$R = 1.0000$$

$$DL = 10.64$$

$$BEC = 54.19$$

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	27026.90	0.0064	P	1.8
2	☐	50.000					
3	☐	500.000	451.282	139414.76	0.0346	P	1.8
4	☐	5000.000	4928.200	1255782.87	0.3142	A	1.0
5	☐	12500.000	12178.651	3158464.74	0.7670	A	0.9
6	☐	25000.000	24264.769	6210128.57	1.5218	A	0.0
7	☐	50000.000	48700.654	12439010.35	3.0478	A	0.6
8	☐	100000.00	97447.637	25462192.06	6.0920	A	0.5
9	☐	500000.00	500685.96	131103633.4	31.2743	A	0.1

$$y = 6.2450\text{E-}005 * x + 0.0064$$

$$R = 1.0000$$

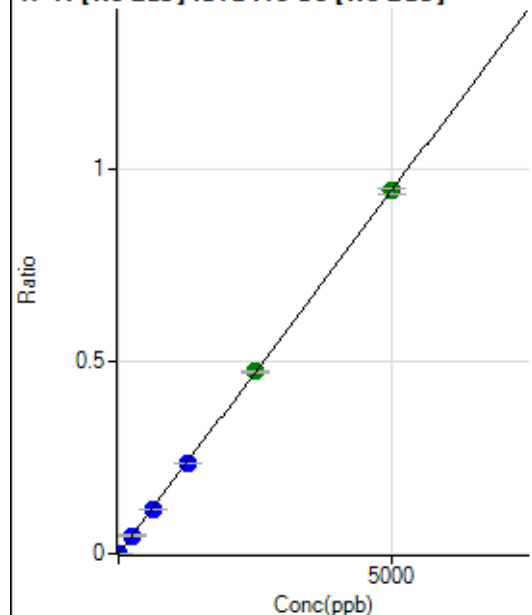
$$DL = 5.673$$

$$BEC = 103.1$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	28.1
2	☐	0.500					
3	☐	5.000	4.922	3861.84	0.0010	P	6.7
4	☐	250.000	250.780	188937.50	0.0473	P	1.0
5	☐	625.000	617.998	479528.42	0.1164	P	0.5
6	☐	1250.000	1241.229	954251.22	0.2338	P	0.5
7	☐	2500.000	2506.902	1927416.93	0.4723	A	0.6
8	☐	5000.000	4999.578	3936175.48	0.9418	A	1.5
9	☐			688.94	0.0002	P	2.3

$$y = 1.8837\text{E-}004 * x + 3.1742\text{E-}005$$

$$R = 1.0000$$

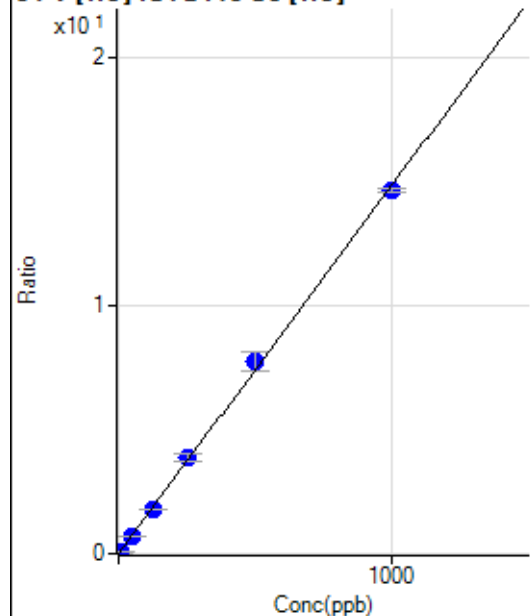
$$DL = 0.1422$$

$$BEC = 0.1685$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	15.9
2	☐	0.500					
3	☐	5.000	4.393	2325.79	0.0654	P	5.3
4	☐	50.000	49.216	25079.31	0.7299	P	1.5
5	☐	125.000	122.473	62558.92	1.8160	P	0.3
6	☐	250.000	262.348	123425.21	3.8897	P	8.3
7	☐	500.000	522.271	245146.76	7.7431	P	9.8
8	☐	1000.000	986.136	498051.73	14.6201	P	1.0
9	☐			73.33	0.0021	P	8.8

$$y = 0.0148 * x + 3.0241\text{E-}004$$

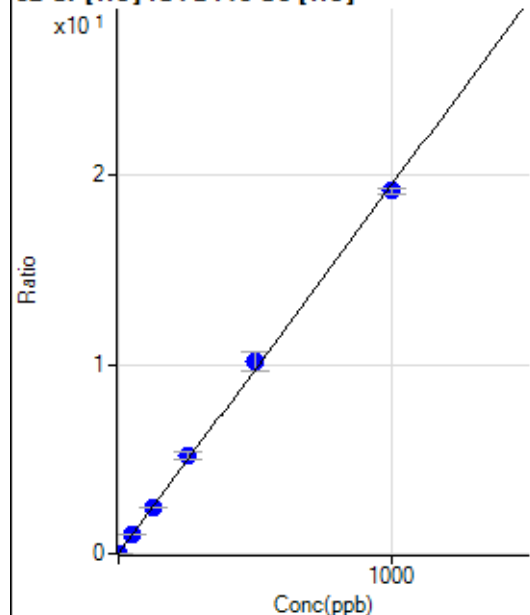
$$R = 0.9995$$

$$DL = 0.009722$$

$$BEC = 0.0204$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	353.34	0.0096	P	12.9
2	☐	0.200					
3	☐	2.000	1.888	1647.90	0.0464	P	6.6
4	☐	50.000	49.691	33535.99	0.9761	P	1.9
5	☐	125.000	123.850	83309.32	2.4185	P	0.8
6	☐	250.000	264.890	163740.35	5.1616	P	8.9
7	☐	500.000	523.778	322773.12	10.1968	P	10.1
8	☐	1000.000	984.548	652653.29	19.1586	P	1.3
9	☐			6042.52	0.1705	P	1.4

$$y = 0.0194 * x + 0.0096$$

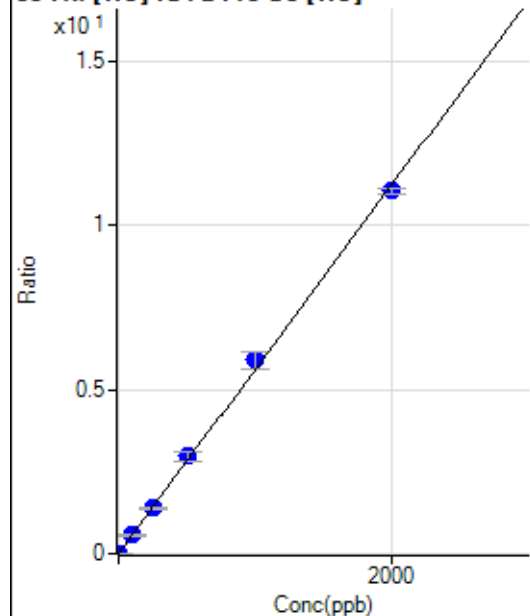
$$R = 0.9994$$

$$DL = 0.1916$$

$$BEC = 0.4958$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.45	0.0007	P	54.4
2	☐	0.100					
3	☐	1.000	1.011	225.56	0.0063	P	17.1
4	☐	100.000	99.514	19224.55	0.5596	P	3.0
5	☐	250.000	245.823	47583.10	1.3813	P	0.7
6	☐	500.000	526.951	93887.31	2.9601	P	9.2
7	☐	1000.000	1050.151	186765.79	5.8985	P	9.6
8	☐	2000.000	1968.733	376669.38	11.0574	P	1.5
9	☐			910.04	0.0257	P	5.2

$$y = 0.0056 * x + 6.6568E-004$$

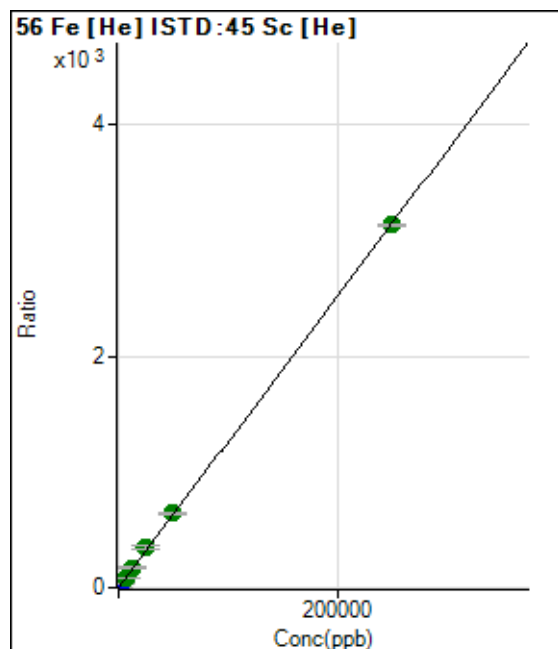
$$R = 0.9994$$

$$DL = 0.1935$$

$$BEC = 0.1185$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1664.96	0.0454	P	2.7
2	☐	5.000					
3	☐	50.000	48.177	23128.98	0.6507	P	0.2
4	☐	2500.000	2609.230	1127785.09	32.8260	P	1.0
5	☐	6250.000	6547.943	2835411.03	82.3094	A	0.5
6	☐	12500.000	13808.421	5503133.40	173.5253	A	9.4
7	☐	25000.000	27220.802	10830401.40	342.0296	A	9.5
8	☐	50000.000	51196.650	21911952.81	643.2464	A	1.5
9	☐	250000.00	249464.62	111052002.4	3,134.154	A	0.7

$$y = 0.0126 * x + 0.0454$$

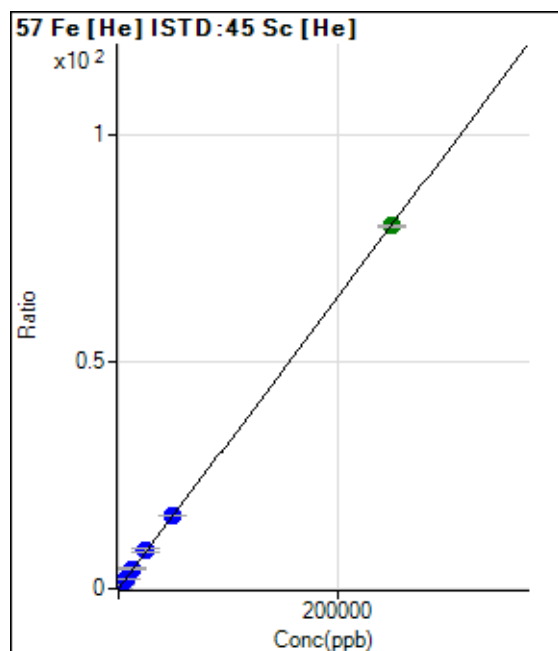
$$R = 0.9999$$

$$DL = 0.2927$$

$$BEC = 3.613$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.71	0.0015	P	21.5
2	☐	5.000					
3	☐	50.000	48.737	607.44	0.0171	P	14.0
4	☐	2500.000	2559.734	28240.27	0.8220	P	2.0
5	☐	6250.000	6329.854	69945.49	2.0306	P	1.9
6	☐	12500.000	13637.401	138725.47	4.3732	P	8.9
7	☐	25000.000	26937.116	273475.61	8.6367	P	9.5
8	☐	50000.000	50468.627	551183.22	16.1803	P	1.4
9	☐	250000.00	249653.10	2835841.82	80.0332	A	0.7

$$y = 3.2057E-004 * x + 0.0015$$

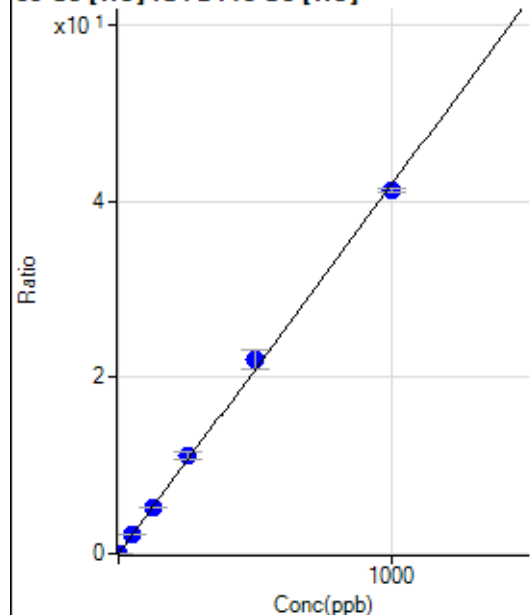
$$R = 1.0000$$

$$DL = 2.949$$

$$BEC = 4.568$$

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	60.00	0.0016	P	26.9
2	☐	0.100					
3	☐	1.000	0.914	1416.76	0.0399	P	3.9
4	☐	50.000	50.101	72036.24	2.0966	P	0.6
5	☐	125.000	125.448	180748.09	5.2472	P	1.1
6	☐	250.000	265.801	352573.75	11.1160	P	9.2
7	☐	500.000	524.624	694575.51	21.9386	P	9.8
8	☐	1000.000	983.677	1401261.69	41.1338	P	1.1
9	☐			1582.34	0.0447	P	6.1

$$y = 0.0418 * x + 0.0016$$

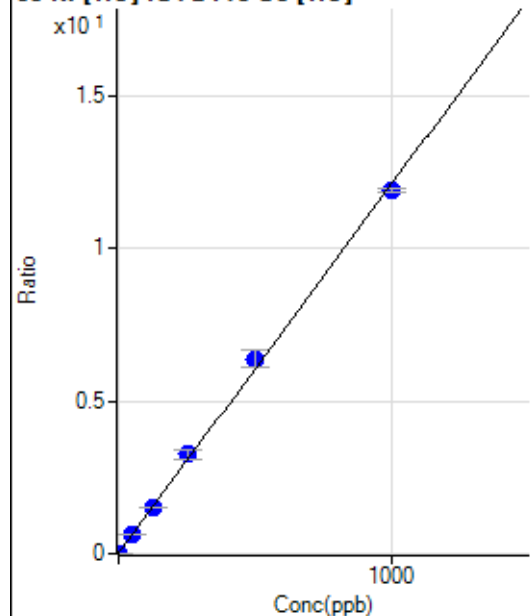
$$R = 0.9994$$

$$DL = 0.03149$$

$$BEC = 0.03903$$

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	348.90	0.0095	P	9.4
2	☐	0.100					
3	☐	1.000	0.774	671.14	0.0189	P	7.1
4	☐	50.000	50.515	21348.81	0.6214	P	0.6
5	☐	125.000	125.658	52762.99	1.5316	P	0.7
6	☐	250.000	267.569	103085.55	3.2505	P	9.4
7	☐	500.000	527.571	202667.97	6.3999	P	9.4
8	☐	1000.000	981.714	405409.95	11.9008	P	1.2
9	☐			2728.10	0.0770	P	4.3

$$y = 0.0121 * x + 0.0095$$

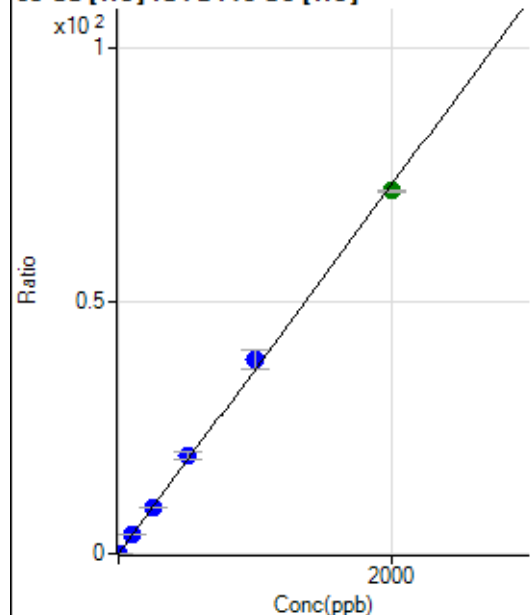
$$R = 0.9992$$

$$DL = 0.2205$$

$$BEC = 0.7852$$

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	440.01	0.0120	P	9.9
2	☐	0.200					
3	☐	2.000	1.800	2761.43	0.0777	P	1.8
4	☐	100.000	99.265	124849.71	3.6338	P	0.7
5	☐	250.000	249.756	314318.31	9.1246	P	0.8
6	☐	500.000	529.526	613258.11	19.3323	P	8.9
7	☐	1000.000	1049.054	1212043.37	38.2878	P	10.0
8	☐	2000.000	1968.159	2446855.15	71.8222	A	0.6
9	☐			2993.71	0.0845	P	2.3

$$y = 0.0365 * x + 0.0120$$

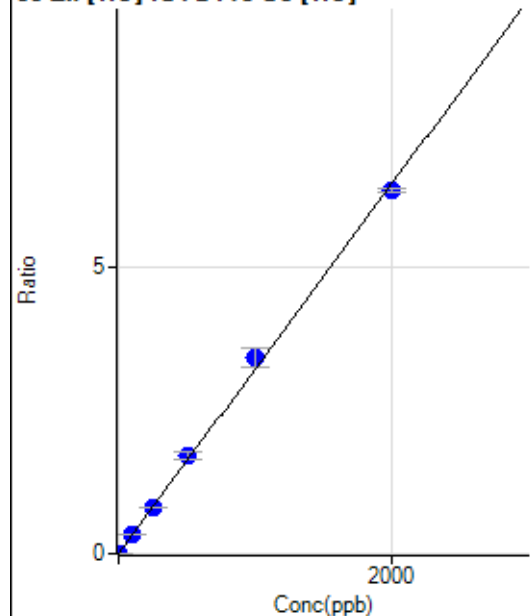
$$R = 0.9994$$

$$DL = 0.09756$$

$$BEC = 0.329$$

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	24.45	0.0007	P	16.2
2	☐	0.200					
3	☐	2.000	2.019	254.45	0.0072	P	9.3
4	☐	100.000	99.653	11030.10	0.3211	P	1.6
5	☐	250.000	248.729	27572.08	0.8004	P	1.6
6	☐	500.000	528.251	53903.27	1.6991	P	8.7
7	☐	1000.000	1057.907	107704.93	3.4020	P	9.8
8	☐	2000.000	1964.160	215153.81	6.3157	P	0.9
9	☐			506.68	0.0143	P	7.8

$$y = 0.0032 * x + 6.6672E-004$$

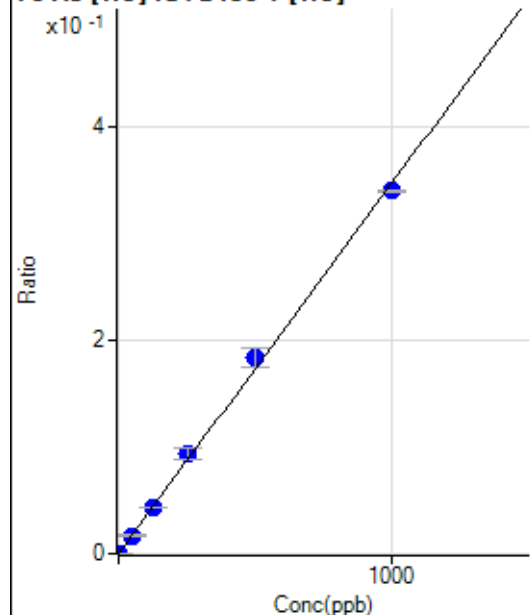
$$R = 0.9992$$

$$DL = 0.1007$$

$$BEC = 0.2074$$

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	4.32	0.0000	P	66.1
2	☐	0.100					
3	☐	1.000	0.906	80.87	0.0003	P	9.8
4	☐	50.000	49.134	4113.00	0.0170	P	1.5
5	☐	125.000	124.026	10530.02	0.0429	P	2.0
6	☐	250.000	268.950	21071.08	0.0931	P	11.1
7	☐	500.000	530.019	41307.21	0.1834	P	10.1
8	☐	1000.000	980.418	83961.55	0.3392	P	0.7
9	☐			30.86	0.0001	P	21.2

$$y = 3.4599\text{E-}004 * x + 1.6953\text{E-}005$$

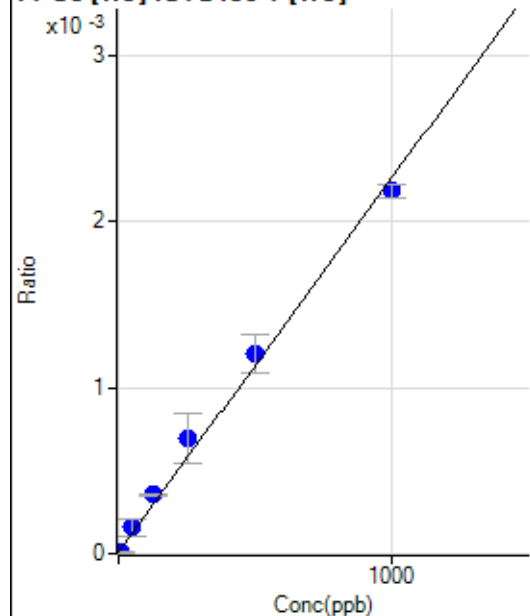
$$R = 0.9991$$

$$DL = 0.0971$$

$$BEC = 0.049$$

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	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	0.175	2.22	0.0000	P	86.6
4	☐	50.000	65.778	37.78	0.0002	P	66.7
5	☐	125.000	153.304	86.67	0.0004	P	3.7
6	☐	250.000	303.554	153.34	0.0007	P	44.3
7	☐	500.000	531.442	271.12	0.0012	P	19.3
8	☐	1000.000	966.588	540.02	0.0022	P	3.9
9	☐			1.11	0.0000	P	173.

$$y = 2.2484\text{E-}006 * x + 8.6503\text{E-}006$$

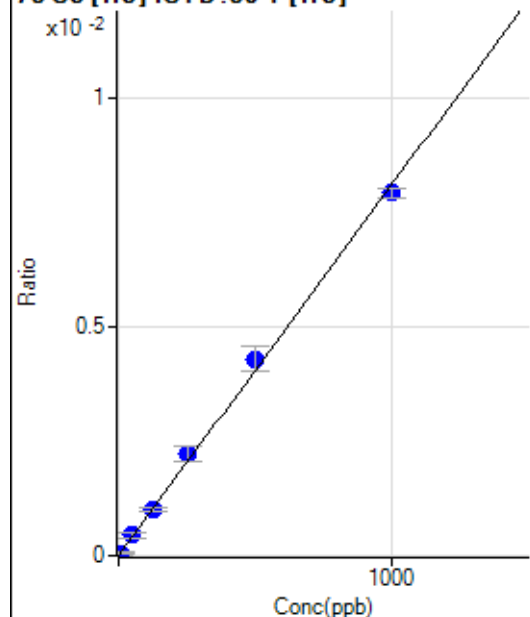
$$R = 0.9973$$

$$DL = 19.99$$

$$BEC = 3.847$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.949	12.35	0.0001	P	61.1
4	☐	50.000	54.264	106.79	0.0004	P	20.3
5	☐	125.000	125.387	249.38	0.0010	P	7.1
6	☐	250.000	273.751	500.63	0.0022	P	15.6
7	☐	500.000	529.775	964.86	0.0043	P	12.7
8	☐	1000.000	978.909	1960.65	0.0079	P	2.4
9	☐			1.23	0.0000	P	86.6

$$y = 8.0901\text{E-}006 * x + 2.4134\text{E-}006$$

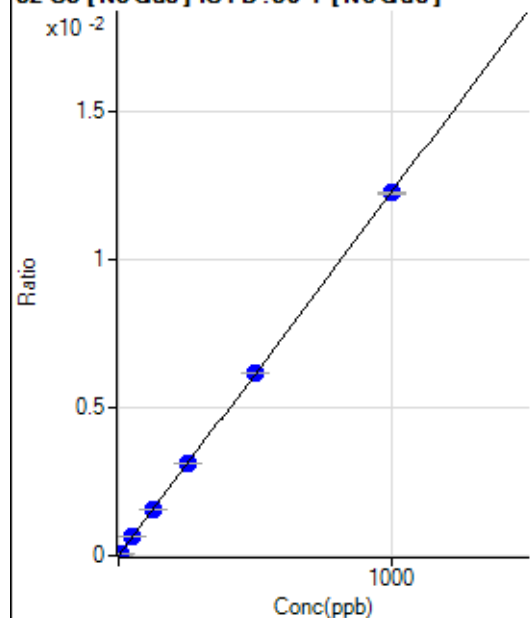
$$R = 0.9990$$

$$DL = 1.55$$

$$BEC = 0.2983$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.97	0.0000	P	239.
2	☐	0.500					
3	☐	5.000	4.257	432.45	0.0001	P	8.5
4	☐	50.000	50.821	4776.33	0.0006	P	1.9
5	☐	125.000	124.717	12130.70	0.0015	P	0.6
6	☐	250.000	252.374	24743.13	0.0031	P	0.1
7	☐	500.000	502.508	49271.33	0.0062	P	0.7
8	☐	1000.000	998.151	100507.60	0.0122	P	0.4
9	☐			34.77	0.0000	P	147.

$$y = 1.2248\text{E-}005 * x + 3.6567\text{E-}006$$

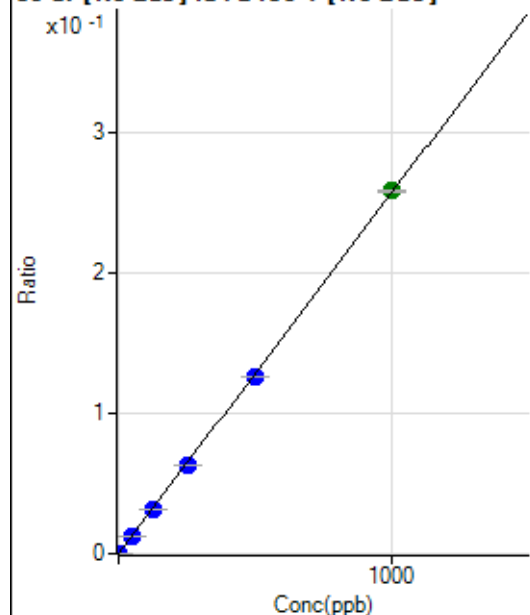
$$R = 1.0000$$

$$DL = 2.147$$

$$BEC = 0.2986$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	677.83	0.0001	P	16.8
2	☐	0.100					
3	☐	1.000	0.948	2547.56	0.0003	P	6.1
4	☐	50.000	49.265	97300.77	0.0128	P	1.0
5	☐	125.000	123.354	252099.53	0.0318	P	0.7
6	☐	250.000	243.653	501874.65	0.0628	P	0.3
7	☐	500.000	491.320	1012042.88	0.1265	P	0.5
8	☐	1000.000	1006.170	2128243.91	0.2589	A	0.7
9	☐			70948.16	0.0087	P	0.9

$$y = 2.5728\text{E-}004 * x + 8.4909\text{E-}005$$

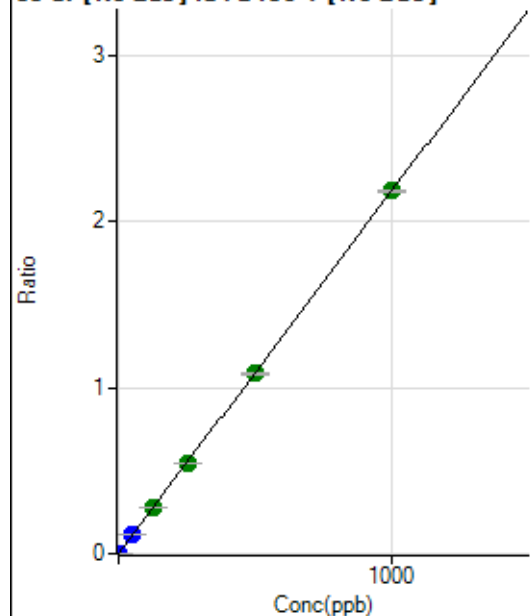
$$R = 0.9999$$

$$DL = 0.1663$$

$$BEC = 0.33$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	855.63	0.0001	P	10.1
2	☐	0.100					
3	☐	1.000	0.941	16730.27	0.0022	P	1.8
4	☐	50.000	50.569	841494.42	0.1103	P	0.3
5	☐	125.000	127.331	2199777.52	0.2777	A	0.5
6	☐	250.000	249.847	4355267.81	0.5447	A	0.5
7	☐	500.000	497.478	8676998.55	1.0845	A	0.8
8	☐	1000.000	1000.979	17933856.13	2.1820	A	0.6
9	☐			608951.01	0.0748	P	0.4

$$y = 0.0022 * x + 1.0707\text{E-}004$$

$$R = 1.0000$$

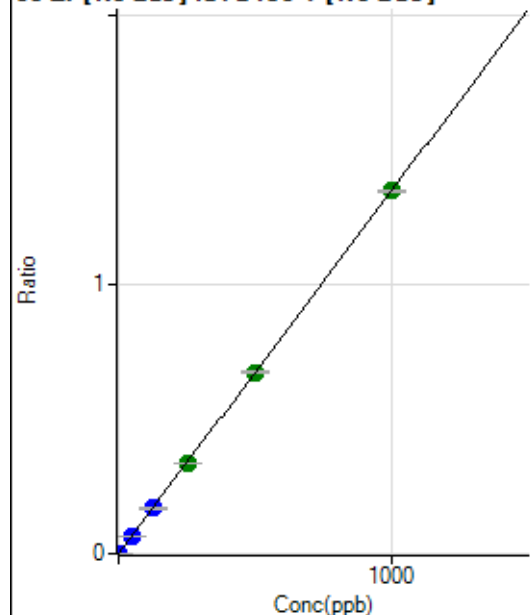
$$DL = 0.01492$$

$$BEC = 0.04912$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	488.92	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.945	10346.01	0.0013	P	3.1
4	☐	50.000	49.802	512716.33	0.0672	P	0.8
5	☐	125.000	124.643	1332070.65	0.1681	P	0.7
6	☐	250.000	250.384	2700071.87	0.3377	A	0.2
7	☐	500.000	500.053	5395702.42	0.6744	A	0.4
8	☐	1000.000	999.932	11082902.50	1.3485	A	0.5
9	☐			1341.80	0.0002	P	3.5

$$y = 0.0013 * x + 6.1230E-005$$

$$R = 1.0000$$

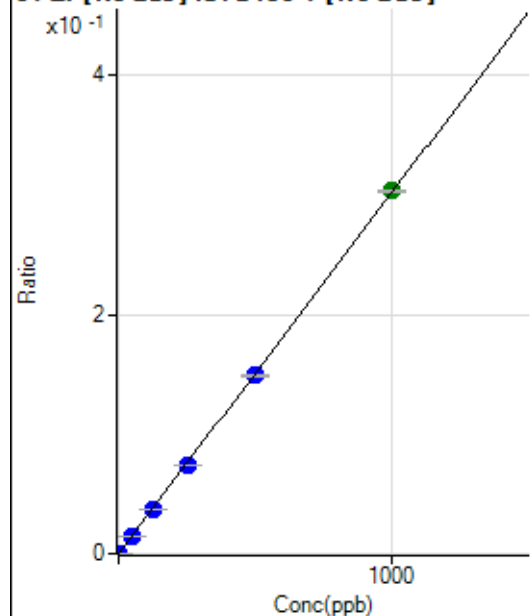
$$DL = 0.01358$$

$$BEC = 0.04541$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	38.6
2	☐	0.100					
3	☐	1.000	0.981	2425.33	0.0003	P	6.9
4	☐	50.000	48.908	112731.42	0.0148	P	0.1
5	☐	125.000	124.008	296704.28	0.0375	P	0.9
6	☐	250.000	243.299	587374.84	0.0735	P	0.4
7	☐	500.000	493.132	1191174.19	0.1489	P	0.8
8	☐	1000.000	1005.288	2494338.86	0.3035	A	0.7
9	☐			288.91	0.0000	P	4.3

$$y = 3.0188E-004 * x + 1.6717E-005$$

$$R = 0.9999$$

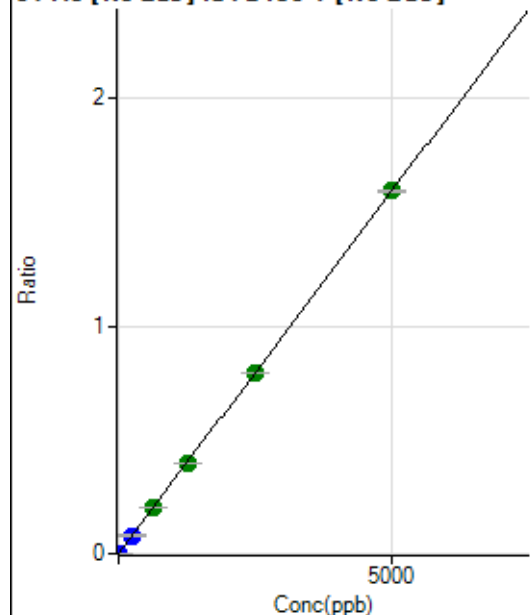
$$DL = 0.06416$$

$$BEC = 0.05538$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	21.0
2	☐	0.500					
3	☐	5.000	4.796	12067.01	0.0016	P	4.9
4	☐	250.000	251.556	611002.68	0.0801	P	1.2
5	☐	625.000	629.422	1587468.56	0.2004	A	0.8
6	☐	1250.000	1250.409	3182405.39	0.3980	A	0.6
7	☐	2500.000	2484.850	6328430.96	0.7910	A	0.3
8	☐	5000.000	5006.843	13098269.13	1.5937	A	0.7
9	☐			4437.04	0.0005	P	6.8

$$y = 3.1830E-004 * x + 3.0613E-005$$

$$R = 1.0000$$

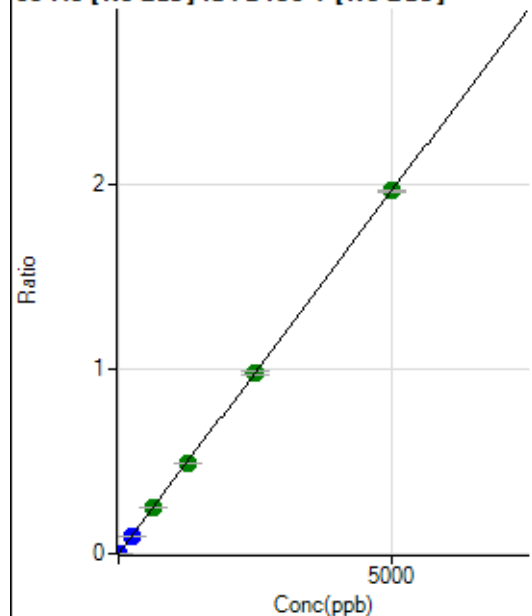
$$DL = 0.06055$$

$$BEC = 0.09618$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	37.8
2	☐	0.500					
3	☐	5.000	4.560	13943.89	0.0018	P	1.6
4	☐	250.000	249.126	745574.61	0.0978	P	0.2
5	☐	625.000	632.170	1965164.80	0.2481	A	0.4
6	☐	1250.000	1246.452	3910394.88	0.4891	A	0.3
7	☐	2500.000	2494.641	7831243.40	0.9788	A	1.3
8	☐	5000.000	5002.715	16133178.83	1.9629	A	0.3
9	☐			8222.31	0.0010	P	3.5

$$y = 3.9237E-004 * x + 9.7439E-006$$

$$R = 1.0000$$

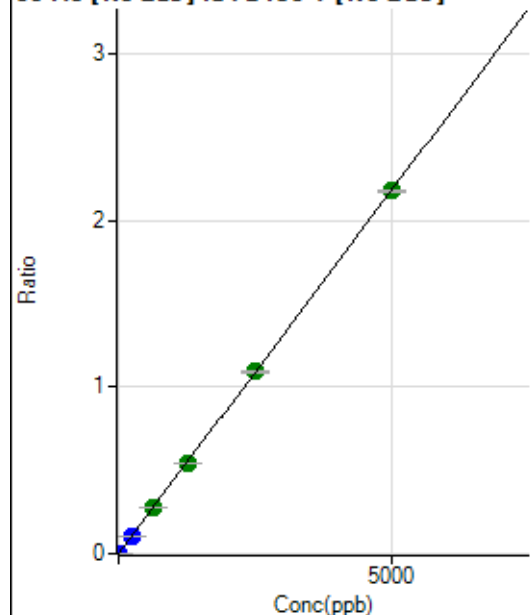
$$DL = 0.02814$$

$$BEC = 0.02483$$

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	155.56	0.0000	P	21.8
2	☐	0.500					
3	☐	5.000	4.598	15670.84	0.0020	P	1.0
4	☐	250.000	250.390	831965.06	0.1091	P	0.4
5	☐	625.000	635.380	2192640.87	0.2768	A	0.1
6	☐	1250.000	1252.722	4362753.09	0.5457	A	0.7
7	☐	2500.000	2507.738	8739167.12	1.0923	A	0.7
8	☐	5000.000	4994.134	17878078.18	2.1753	A	0.5
9	☐			9220.20	0.0011	P	3.4

$$y = 4.3556E-004 * x + 1.9458E-005$$

$$R = 1.0000$$

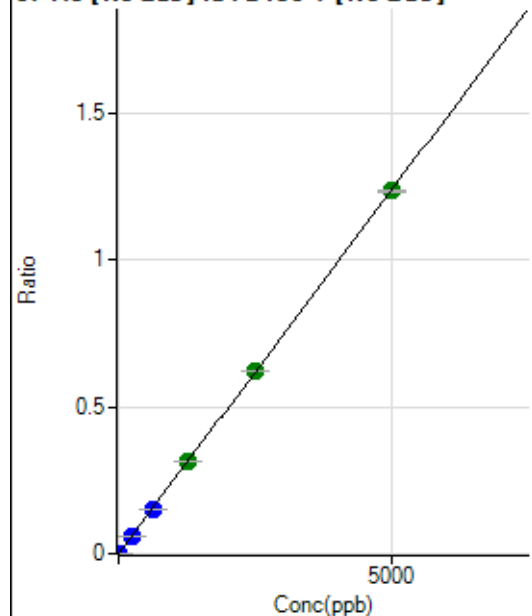
$$DL = 0.02919$$

$$BEC = 0.04467$$

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	102.78	0.0000	P	5.2
2	☐	0.500					
3	☐	5.000	4.622	8975.59	0.0012	P	4.6
4	☐	250.000	247.942	468676.88	0.0615	P	0.4
5	☐	625.000	615.492	1208385.24	0.1525	P	0.1
6	☐	1250.000	1259.372	2495181.91	0.3121	A	0.4
7	☐	2500.000	2515.488	4987300.24	0.6233	A	0.2
8	☐	5000.000	4991.205	10165076.96	1.2368	A	0.5
9	☐			4314.77	0.0005	P	7.6

$$y = 2.4779E-004 * x + 1.2869E-005$$

$$R = 1.0000$$

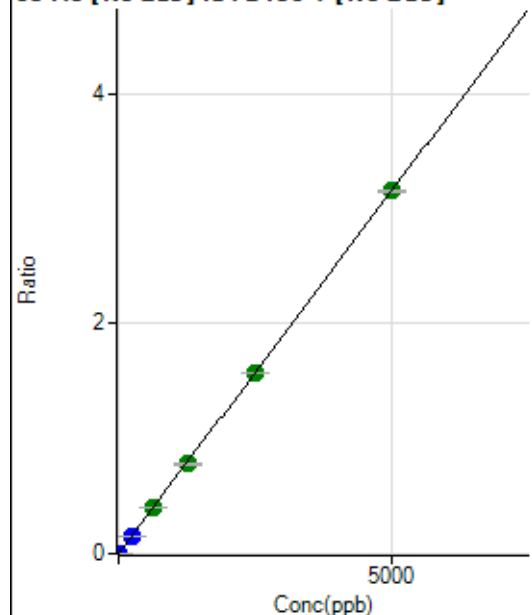
$$DL = 0.008155$$

$$BEC = 0.05194$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	34.4
2	☐	0.500					
3	☐	5.000	4.496	22163.47	0.0029	P	1.7
4	☐	250.000	248.842	1196751.73	0.1569	P	0.6
5	☐	625.000	634.484	3169522.58	0.4001	A	0.5
6	☐	1250.000	1235.766	6229752.22	0.7792	A	1.1
7	☐	2500.000	2501.573	12619821.38	1.5773	A	0.3
8	☐	5000.000	5001.645	25919078.70	3.1536	A	0.3
9	☐			9498.22	0.0012	P	0.8

$$y = 6.3051\text{E-}004 * x + 2.5051\text{E-}005$$

$$R = 1.0000$$

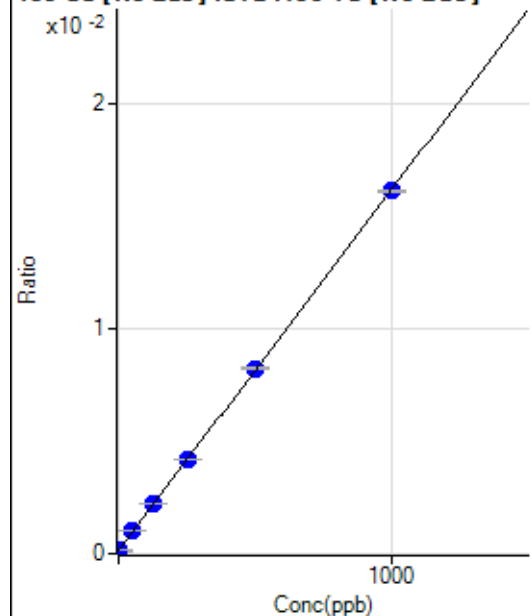
$$DL = 0.04095$$

$$BEC = 0.03973$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1319.58	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	1.225	1472.38	0.0002	P	20.0
4	☐	50.000	54.016	9475.96	0.0010	P	0.5
5	☐	125.000	129.040	21879.83	0.0022	P	0.7
6	☐	250.000	253.529	42158.66	0.0042	P	0.8
7	☐	500.000	503.557	83880.48	0.0082	P	1.1
8	☐	1000.000	996.633	169548.47	0.0161	P	0.5
9	☐			1430.69	0.0001	P	9.4

$$y = 1.6050\text{E-}005 * x + 1.3384\text{E-}004$$

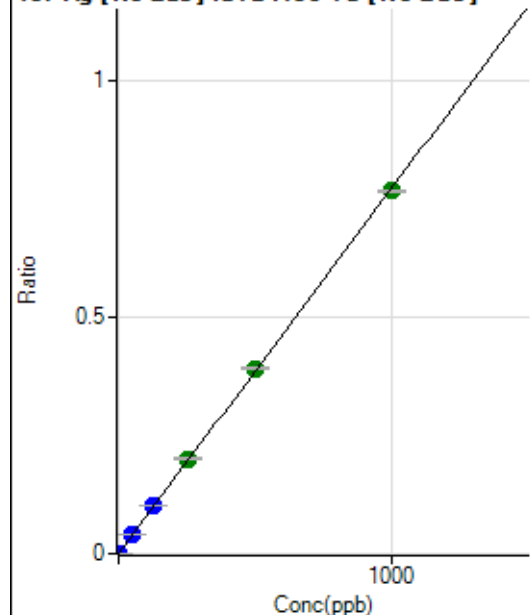
$$R = 1.0000$$

$$DL = 2.928$$

$$BEC = 8.339$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.04	0.0000	P	19.1
2	☐	0.100					
3	☐	1.000	0.752	6032.33	0.0006	P	5.9
4	☐	50.000	51.793	378774.40	0.0400	P	1.2
5	☐	125.000	129.608	992568.28	0.1000	P	0.6
6	☐	250.000	259.821	2010823.81	0.2005	A	1.0
7	☐	500.000	506.728	3991118.84	0.3909	A	1.5
8	☐	1000.000	993.515	8056299.05	0.7664	A	0.7
9	☐			9970.80	0.0010	P	5.7

$$y = 7.7138\text{E-}004 * x + 4.8188\text{E-}005$$

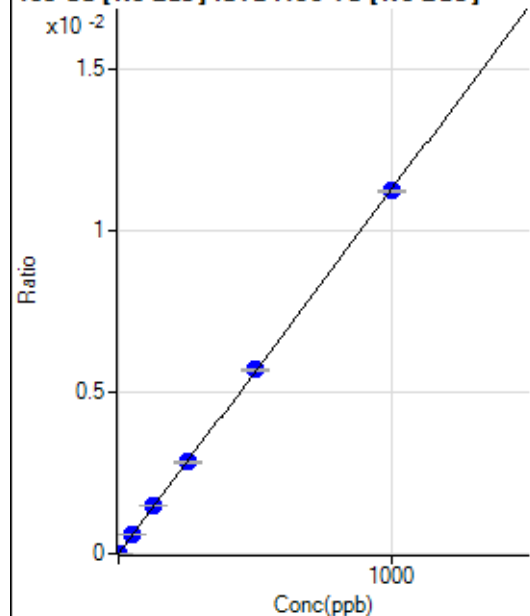
$$R = 0.9999$$

$$DL = 0.03583$$

$$BEC = 0.06247$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	0.903	111.11	0.0000	P	20.5
4	☐	50.000	53.108	5677.72	0.0006	P	5.6
5	☐	125.000	130.547	14601.20	0.0015	P	0.5
6	☐	250.000	253.285	28620.95	0.0029	P	2.1
7	☐	500.000	504.294	57988.19	0.0057	P	1.6
8	☐	1000.000	996.183	117928.03	0.0112	P	0.5
9	☐			34.72	0.0000	P	25.3

$$y = 1.1260\text{E-}005 * x + 1.4099\text{E-}006$$

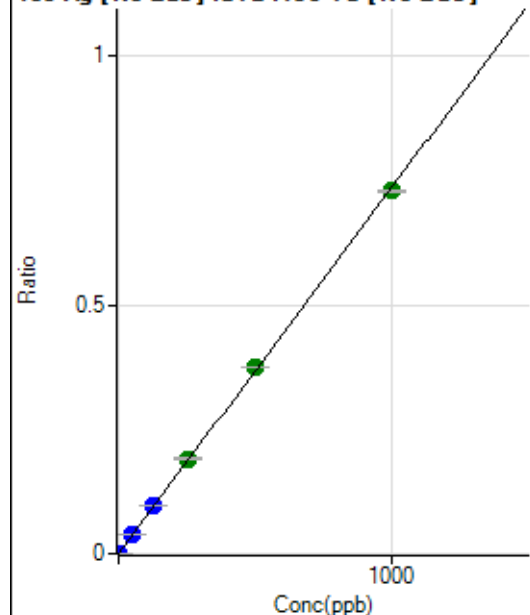
$$R = 1.0000$$

$$DL = 0.1319$$

$$BEC = 0.1252$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.36	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.761	5790.41	0.0006	P	2.8
4	☐	50.000	51.810	360881.21	0.0381	P	1.1
5	☐	125.000	129.834	947095.47	0.0954	P	0.6
6	☐	250.000	259.894	1915942.25	0.1910	A	0.8
7	☐	500.000	510.093	3827147.79	0.3748	A	0.5
8	☐	1000.000	991.786	7660538.28	0.7288	A	0.8
9	☐			9370.37	0.0009	P	1.7

$$y = 7.3477\text{E-}004 * x + 4.3936\text{E-}005$$

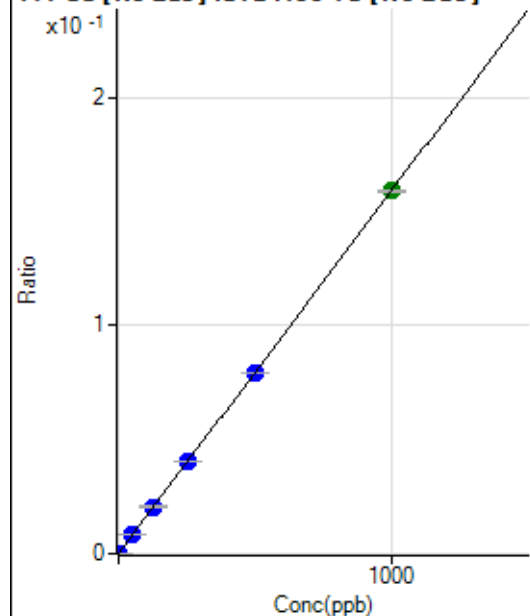
$$R = 0.9999$$

$$DL = 0.01841$$

$$BEC = 0.0598$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	932.04	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.949	2354.38	0.0002	P	9.0
4	☐	50.000	51.714	78732.27	0.0083	P	1.2
5	☐	125.000	129.072	204528.84	0.0206	P	0.5
6	☐	250.000	253.031	404382.29	0.0403	P	0.3
7	☐	500.000	497.962	809095.36	0.0792	P	0.8
8	☐	1000.000	999.666	1671288.33	0.1590	A	0.7
9	☐			1170.24	0.0001	P	10.1

$$y = 1.5895\text{E-}004 * x + 9.4532\text{E-}005$$

$$R = 1.0000$$

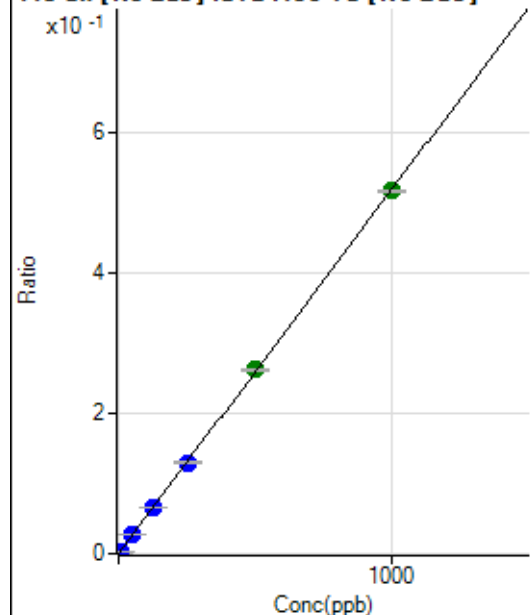
$$DL = 0.1914$$

$$BEC = 0.5947$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1711.30	0.0002	P	5.1
2	☐	0.500					
3	☐	5.000	4.689	24979.78	0.0026	P	1.6
4	☐	50.000	50.813	250904.39	0.0265	P	0.5
5	☐	125.000	126.260	650891.63	0.0656	P	0.9
6	☐	250.000	250.176	1301902.87	0.1298	P	1.0
7	☐	500.000	505.237	2674398.06	0.2620	A	1.1
8	☐	1000.000	997.141	5432670.48	0.5168	A	0.4
9	☐			4892.79	0.0005	P	3.9

$$y = 5.1813\text{E-}004 * x + 1.7341\text{E-}004$$

$$R = 1.0000$$

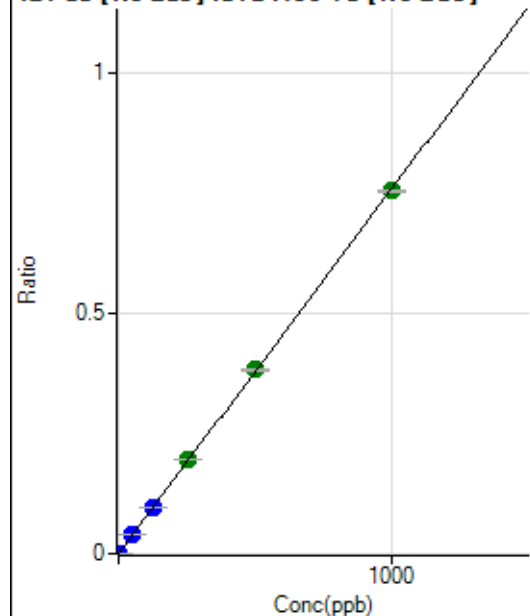
$$DL = 0.05128$$

$$BEC = 0.3347$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	13.6
2	☐	0.200					
3	☐	2.000	1.872	13746.56	0.0014	P	1.1
4	☐	50.000	51.367	368885.19	0.0390	P	0.7
5	☐	125.000	127.164	956905.29	0.0964	P	0.3
6	☐	250.000	257.957	1961973.96	0.1956	A	0.6
7	☐	500.000	504.575	3906087.46	0.3826	A	1.0
8	☐	1000.000	995.385	7933444.10	0.7547	A	0.3
9	☐			8717.10	0.0008	P	2.4

$$y = 7.5821\text{E-}004 * x + 1.2954\text{E-}005$$

$$R = 0.9999$$

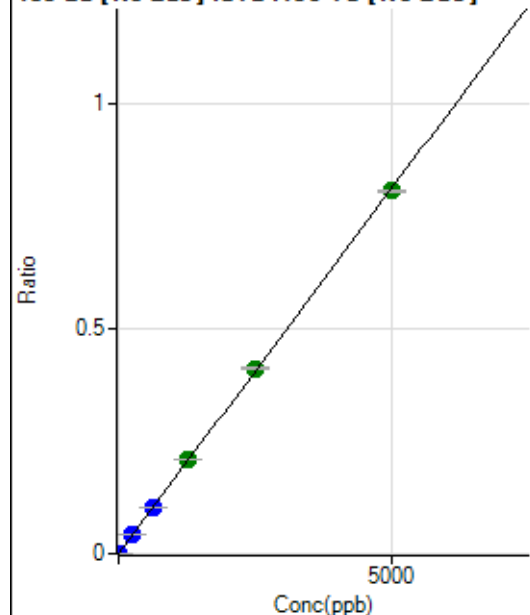
$$DL = 0.006971$$

$$BEC = 0.01708$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	48.6
2	☐	1.000					
3	☐	10.000	9.557	14956.34	0.0016	P	1.4
4	☐	250.000	256.515	394258.71	0.0416	P	0.1
5	☐	625.000	639.538	1030105.81	0.1038	P	0.5
6	☐	1250.000	1294.111	2106930.26	0.2100	A	1.4
7	☐	2500.000	2534.195	4199349.35	0.4113	A	1.3
8	☐	5000.000	4969.733	8478858.17	0.8066	A	0.5
9	☐			2191.97	0.0002	P	1.6

$$y = 1.6231\text{E-}004 * x + 7.3385\text{E-}006$$

$$R = 0.9999$$

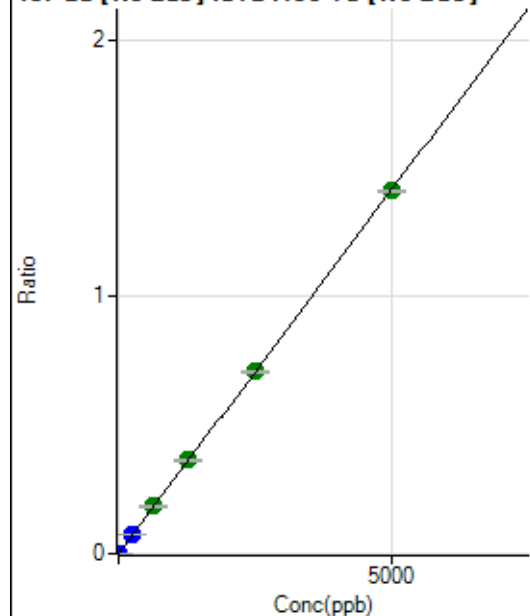
$$DL = 0.06593$$

$$BEC = 0.04521$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	19.7
2	☐	1.000					
3	☐	10.000	9.455	25762.09	0.0027	P	1.4
4	☐	250.000	255.324	684319.66	0.0723	P	0.9
5	☐	625.000	649.052	1822994.05	0.1837	A	0.8
6	☐	1250.000	1286.559	3652511.67	0.3641	A	1.5
7	☐	2500.000	2500.958	7227100.07	0.7078	A	0.3
8	☐	5000.000	4987.109	14836884.70	1.4115	A	0.6
9	☐			3859.07	0.0004	P	2.8

$$y = 2.8302\text{E-}004 * x + 8.4457\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01766$$

$$BEC = 0.02984$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			24.45		P	15.8
4	☐			40.00		P	44.1
5	☐			51.11		P	19.9
6	☐			124.45		P	18.8
7	☐			184.45		P	9.1
8	☐			397.80		P	3.5
9	☐			102.23		P	21.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			1.11		P	173.
8	☐			6.66		P	86.6
9	☐			10.00		P	57.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			27.78		P	45.8
4	☐			22.22		P	21.6
5	☐			16.67		P	50.0
6	☐			50.00		P	16.7
7	☐			50.00		P	16.7
8	☐			102.78		P	16.9
9	☐			69.45		P	18.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			3.33		P	100.
7	☐			2.22		P	86.6
8	☐			4.44		P	43.4
9	☐			8.89		P	21.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.7
2	☐						
3	☐			44.44		P	21.7
4	☐			55.56		P	43.3
5	☐			52.78		P	63.8
6	☐			63.89		P	27.2
7	☐			50.00		P	16.7
8	☐			72.22		P	6.7
9	☐			77.78		P	6.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			3.33		P	100.
4	☐			4.44		P	173.
5	☐			6.67		P	50.0
6	☐			3.33		P	100.
7	☐			6.67		P	50.0
8	☐			6.67		P	0.0
9	☐			24.44		P	31.5

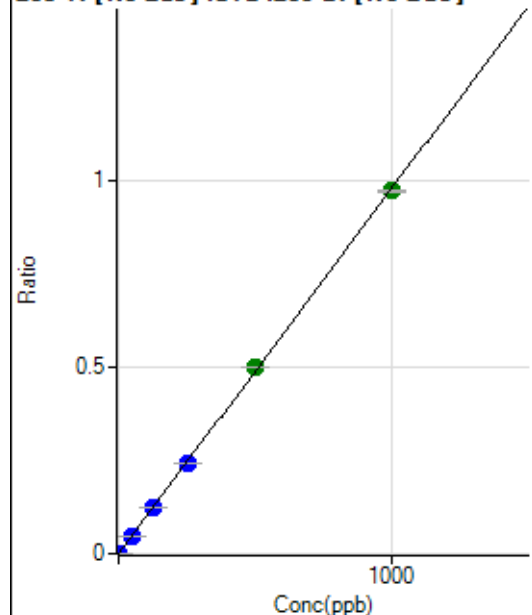
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐						
3	☐			50.00		P	0.0
4	☐			41.67		P	52.9
5	☐			44.45		P	47.2
6	☐			33.33		P	0.0
7	☐			44.45		P	28.7
8	☐			44.45		P	39.0
9	☐			69.45		P	18.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			6.67		P	50.0
4	☐			4.44		P	43.4
5	☐			5.56		P	34.7
6	☐			8.89		P	78.1
7	☐			4.44		P	43.4
8	☐			10.00		P	57.7
9	☐			5.56		P	34.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	0.947	5707.15	0.0010	P	2.9
4	☐	50.000	49.820	285699.37	0.0488	P	0.5
5	☐	125.000	124.586	751626.97	0.1221	P	1.1
6	☐	250.000	249.233	1530125.34	0.2442	P	0.3
7	☐	500.000	511.973	3159818.80	0.5016	A	0.6
8	☐	1000.000	994.266	6300821.58	0.9741	A	0.4
9	☐			1925.24	0.0003	P	8.9

$$y = 9.7963E-004 * x + 3.7042E-005$$

$$R = 0.9999$$

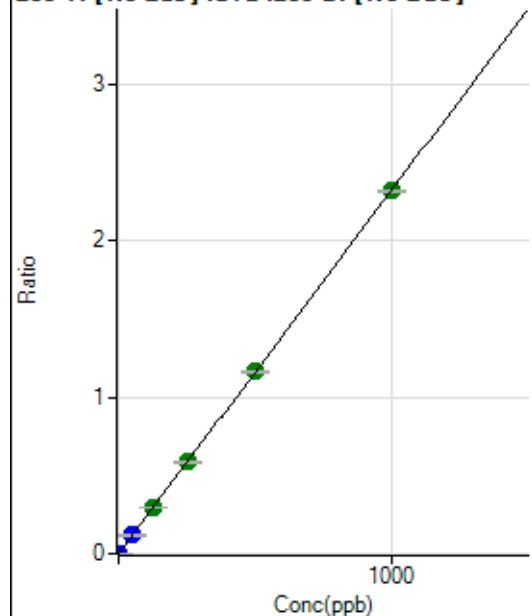
$$DL = 0.04245$$

$$BEC = 0.03781$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.04	0.0001	P	19.0
2	☐	0.100					
3	☐	1.000	0.936	13468.78	0.0023	P	1.5
4	☐	50.000	50.514	687221.36	0.1175	P	1.1
5	☐	125.000	127.329	1822082.51	0.2960	A	1.0
6	☐	250.000	252.628	3678768.05	0.5871	A	1.0
7	☐	500.000	501.123	7335922.21	1.1645	A	0.8
8	☐	1000.000	998.465	15007923.08	2.3201	A	0.3
9	☐			4526.05	0.0007	P	10.5

$$y = 0.0023 * x + 1.0155E-004$$

$$R = 1.0000$$

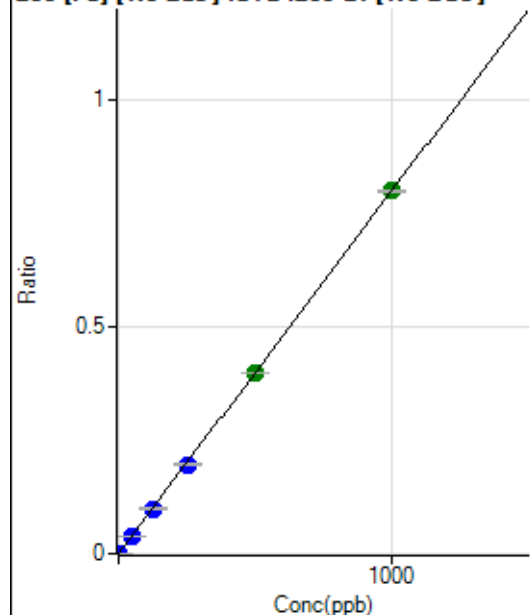
$$DL = 0.02494$$

$$BEC = 0.04371$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0001	P	5.3
2	☐	0.100					
3	☐	1.000	0.914	4639.89	0.0008	P	2.9
4	☐	50.000	49.716	232650.91	0.0398	P	0.3
5	☐	125.000	124.296	611661.38	0.0994	P	0.9
6	☐	250.000	246.110	1232303.85	0.1967	P	0.6
7	☐	500.000	500.031	2516859.03	0.3995	A	0.1
8	☐	1000.000	1001.059	5173532.87	0.7998	A	0.7
9	☐			7296.77	0.0012	P	1.9

$$y = 7.9887\text{E-}004 * x + 5.4197\text{E-}005$$

$$R = 1.0000$$

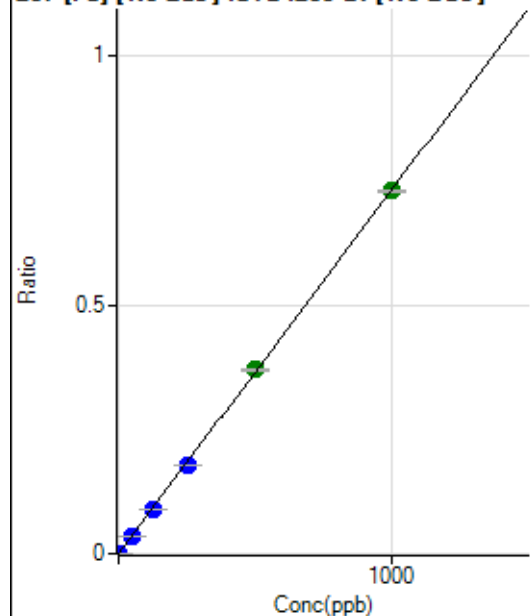
$$DL = 0.01087$$

$$BEC = 0.06784$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	296.31	0.0000	P	30.5
2	☐	0.100					
3	☐	1.000	0.951	4393.48	0.0007	P	1.7
4	☐	50.000	49.185	210217.26	0.0359	P	0.9
5	☐	125.000	122.590	551004.84	0.0895	P	1.2
6	☐	250.000	244.132	1116527.48	0.1782	P	0.3
7	☐	500.000	507.076	2331221.61	0.3701	A	1.0
8	☐	1000.000	998.271	4712258.67	0.7285	A	0.6
9	☐			6305.47	0.0010	P	2.2

$$y = 7.2968\text{E-}004 * x + 4.8203\text{E-}005$$

$$R = 0.9999$$

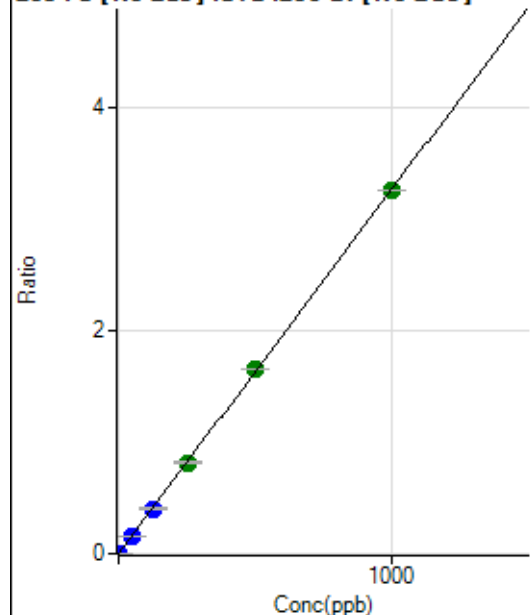
$$DL = 0.06047$$

$$BEC = 0.06606$$

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	1259.32	0.0002	P	7.5
2	☐	0.100					
3	☐	1.000	0.923	19043.18	0.0032	P	0.6
4	☐	50.000	49.362	943505.78	0.1613	P	0.4
5	☐	125.000	123.723	2486965.92	0.4039	P	0.7
6	☐	250.000	250.492	5123387.82	0.8176	A	0.3
7	☐	500.000	506.963	10423386.72	1.6546	A	0.4
8	☐	1000.000	996.587	21038580.22	3.2524	A	0.1
9	☐			29032.45	0.0048	P	1.3

$$y = 0.0033 * x + 2.0483E-004$$

$$R = 1.0000$$

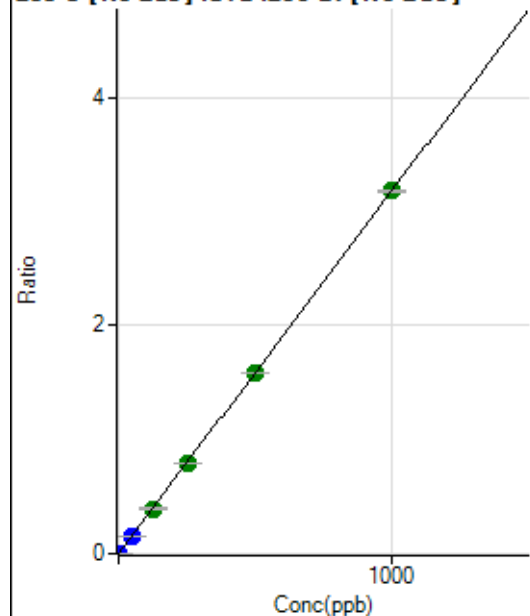
$$DL = 0.01409$$

$$BEC = 0.06277$$

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	138.90	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	0.885	16767.50	0.0028	P	3.1
4	☐	50.000	48.442	900510.24	0.1539	P	0.7
5	☐	125.000	124.286	2431378.92	0.3949	A	0.7
6	☐	250.000	248.329	4944129.54	0.7890	A	0.1
7	☐	500.000	498.655	9981423.75	1.5844	A	0.7
8	☐	1000.000	1001.258	20578883.62	3.1813	A	0.5
9	☐			577.82	0.0001	P	4.7

$$y = 0.0032 * x + 2.2544E-005$$

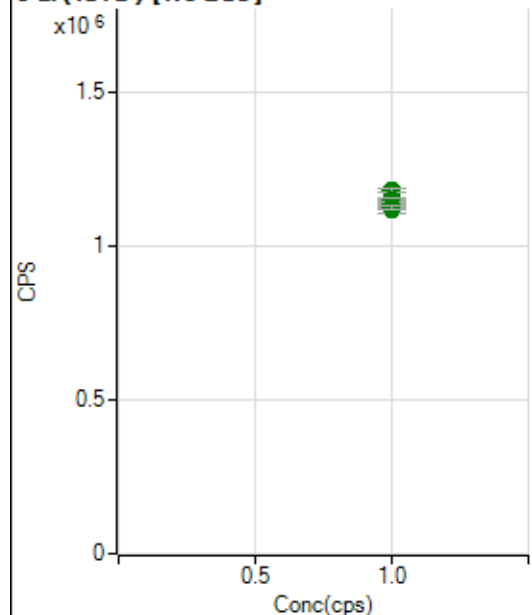
$$R = 1.0000$$

$$DL = 0.007072$$

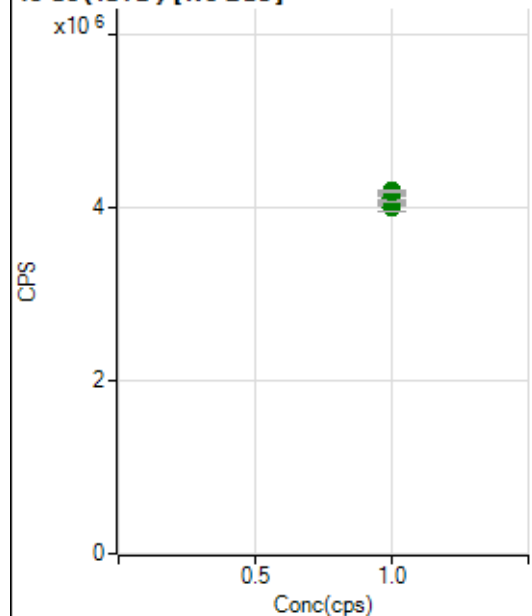
$$BEC = 0.007095$$

Weight: <None>

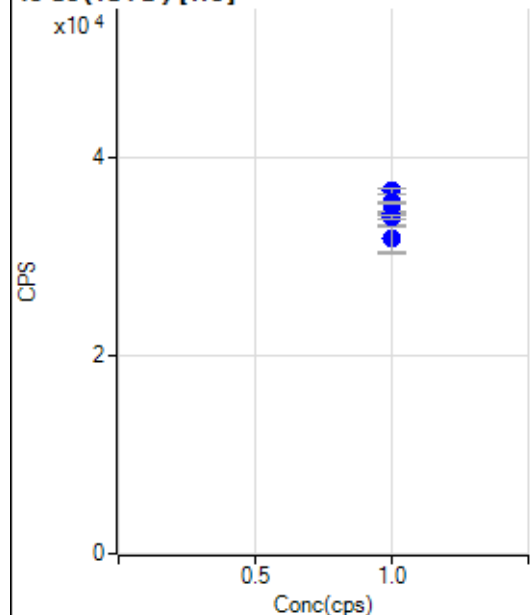
Min Conc: 0

6 Li (ISTD) [No Gas]

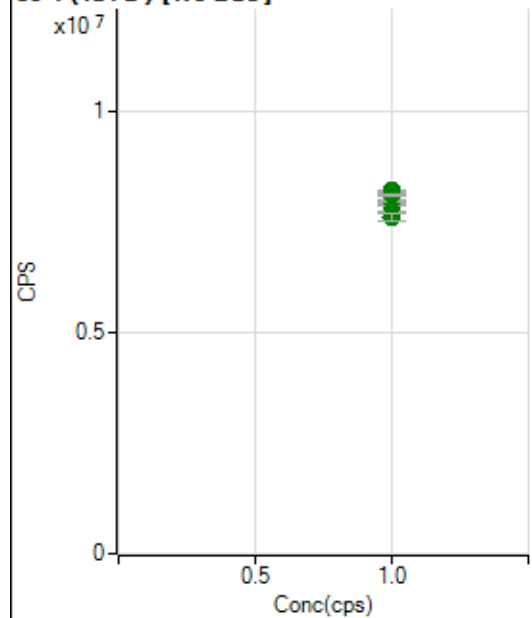
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1177638.23		A	1.0
2	☐	1.000					
3	☐	1.000		1132368.23		A	0.5
4	☐	1.000		1114317.93		A	1.3
5	☐	1.000		1146313.32		A	0.4
6	☐	1.000		1139322.00		A	0.8
7	☐	1.000		1136874.25		A	1.0
8	☐	1.000		1147957.09		A	1.3
9	☐	1.000		1122144.22		A	1.4

45 Sc (ISTD) [No Gas]

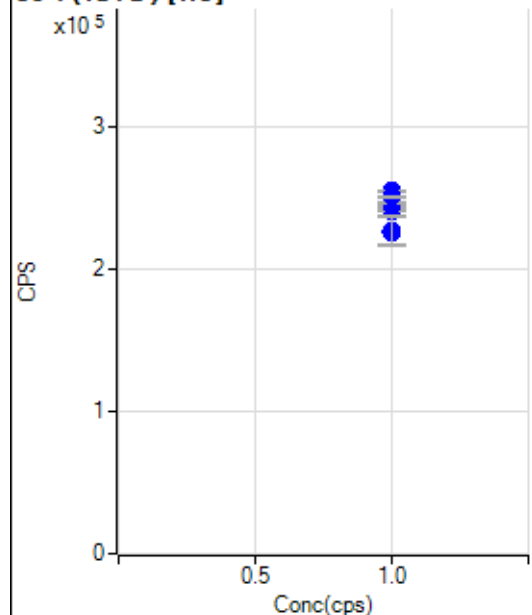
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4196301.40		A	0.6
2	☐	1.000					
3	☐	1.000		4026681.39		A	0.3
4	☐	1.000		3996550.87		A	2.2
5	☐	1.000		4118191.19		A	1.1
6	☐	1.000		4080835.03		A	0.8
7	☐	1.000		4081272.23		A	0.2
8	☐	1.000		4179657.47		A	0.8
9	☐	1.000		4192048.79		A	0.2

45 Sc (ISTD) [He]

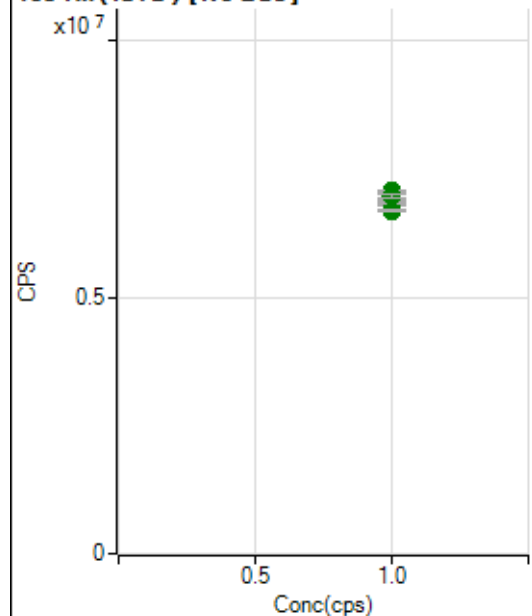
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		36689.10		P	1.8
2	☐	1.000					
3	☐	1.000		35547.31		P	0.0
4	☐	1.000		34357.65		P	0.9
5	☐	1.000		34448.97		P	0.9
6	☐	1.000		31871.31		P	7.9
7	☐	1.000		31851.35		P	9.2
8	☐	1.000		34069.21		P	1.3
9	☐	1.000		35433.63		P	0.5

89 Y (ISTD) [No Gas]

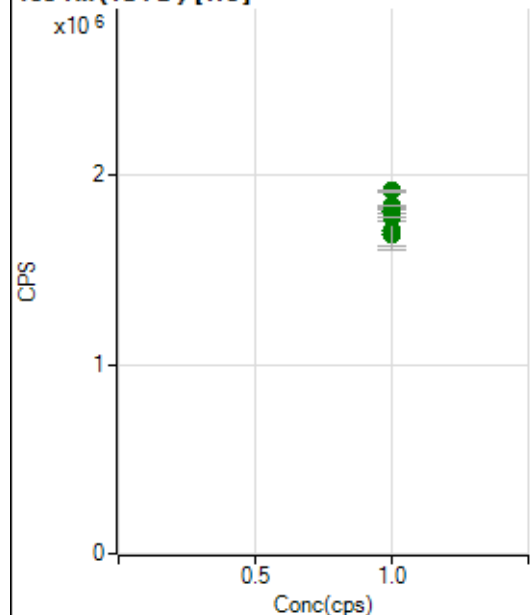
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7987870.92		A	0.6
2	☐	1.000					
3	☐	1.000		7750165.02		A	0.6
4	☐	1.000		7626782.46		A	2.0
5	☐	1.000		7922403.42		A	0.5
6	☐	1.000		7995420.37		A	0.5
7	☐	1.000		8001114.88		A	0.8
8	☐	1.000		8218964.81		A	0.5
9	☐	1.000		8137585.09		A	0.6

89 Y(ISTD) [He]

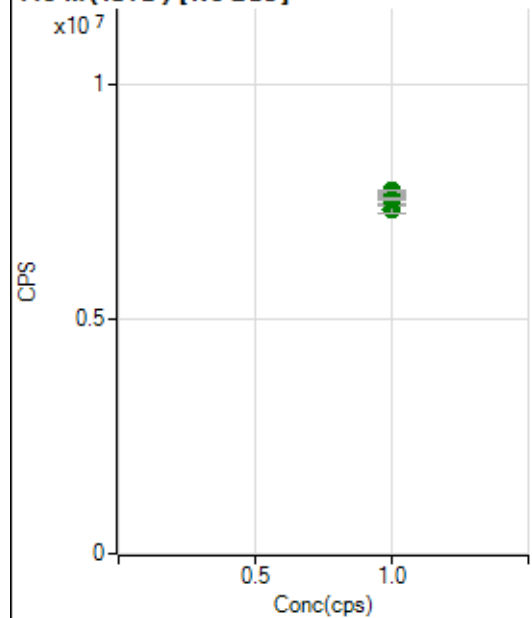
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		255489.38		P	0.6
2	☐	1.000					
3	☐	1.000		244744.60		P	0.5
4	☐	1.000		241717.44		P	0.6
5	☐	1.000		245285.24		P	0.3
6	☐	1.000		227920.74		P	9.0
7	☐	1.000		226623.47		P	9.1
8	☐	1.000		247510.58		P	0.3
9	☐	1.000		251707.88		P	0.5

103 Rh(ISTD) [No Gas]

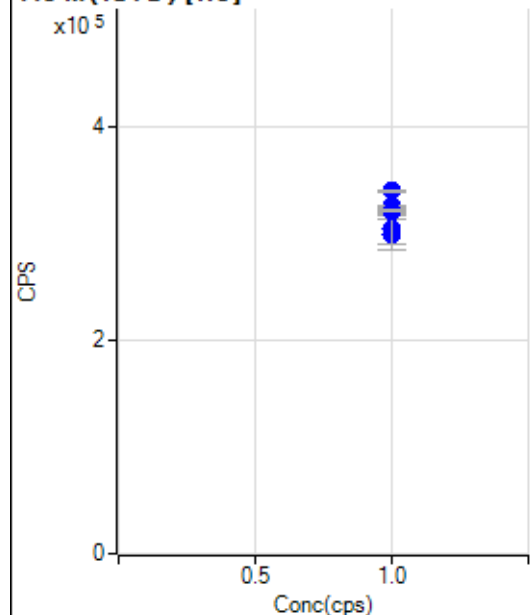
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7074214.65		A	0.2
2	☐	1.000					
3	☐	1.000		6834822.81		A	0.5
4	☐	1.000		6712295.46		A	1.7
5	☐	1.000		6923208.66		A	0.4
6	☐	1.000		6909372.03		A	0.4
7	☐	1.000		6856398.24		A	0.6
8	☐	1.000		6985514.56		A	1.2
9	☐	1.000		6686012.86		A	0.7

103 Rh (ISTD) [He]

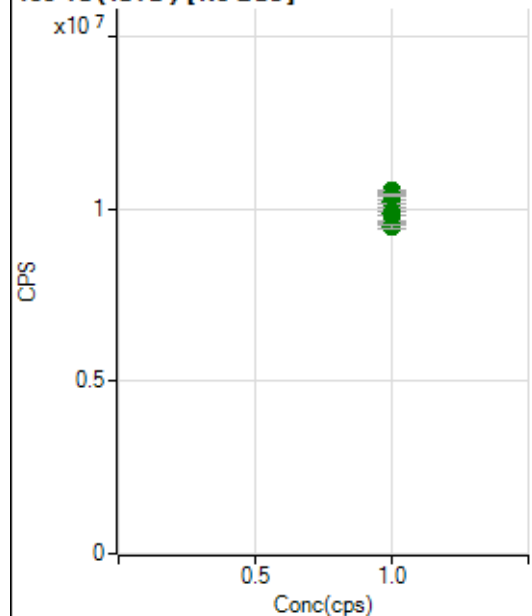
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1915706.92		A	0.5
2	☐	1.000					
3	☐	1.000		1834681.76		A	0.1
4	☐	1.000		1806575.25		A	1.2
5	☐	1.000		1828735.60		A	0.1
6	☐	1.000		1710056.35		A	9.7
7	☐	1.000		1682196.12		A	9.2
8	☐	1.000		1835165.41		A	0.2
9	☐	1.000		1775515.65		A	0.1

115 In (ISTD) [No Gas]

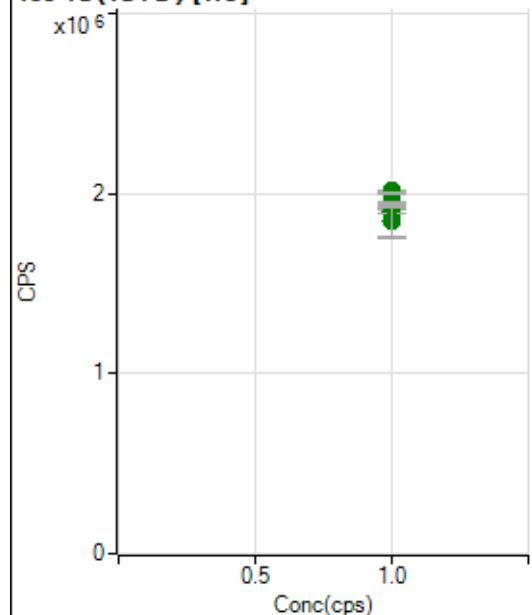
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7622768.09		A	0.3
2	☐	1.000					
3	☐	1.000		7416937.39		A	0.7
4	☐	1.000		7307776.09		A	2.4
5	☐	1.000		7589046.10		A	0.1
6	☐	1.000		7616106.72		A	0.3
7	☐	1.000		7595365.84		A	0.2
8	☐	1.000		7719387.28		A	0.3
9	☐	1.000		7537749.02		A	0.3

115 In (ISTD) [He]

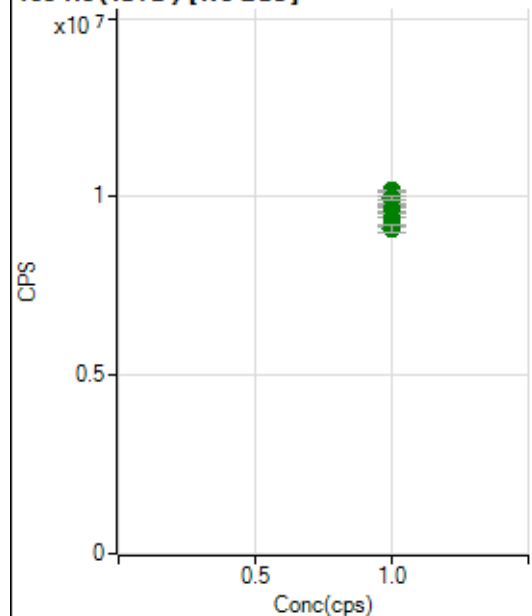
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		340320.71		P	0.8
2	☐	1.000					
3	☐	1.000		326411.17		P	0.5
4	☐	1.000		323922.47		P	0.8
5	☐	1.000		325229.19		P	0.3
6	☐	1.000		303954.37		P	9.1
7	☐	1.000		299443.53		P	9.1
8	☐	1.000		320456.87		P	0.9
9	☐	1.000		321889.37		P	0.1

159 Tb (ISTD) [No Gas]

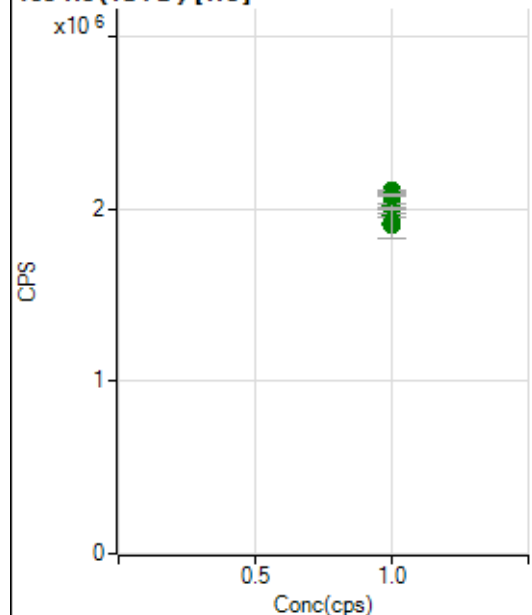
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9865621.45		A	0.9
2	☐	1.000					
3	☐	1.000		9596444.16		A	0.7
4	☐	1.000		9468007.08		A	1.6
5	☐	1.000		9923342.56		A	0.4
6	☐	1.000		10030577.14		A	0.4
7	☐	1.000		10210191.31		A	0.9
8	☐	1.000		10511796.17		A	0.6
9	☐	1.000		10372036.30		A	0.4

159 Tb (ISTD) [He]

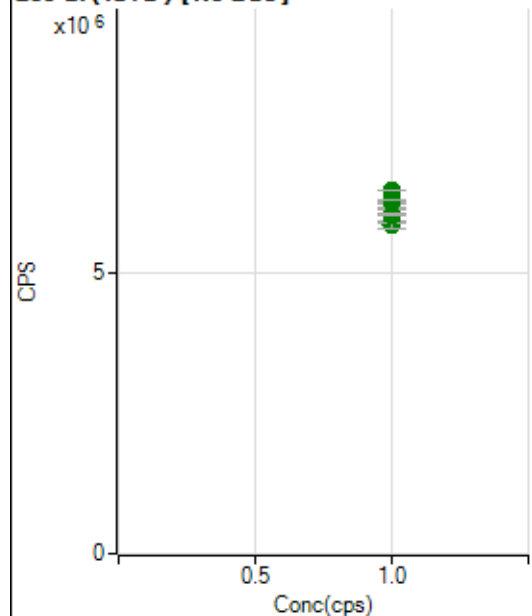
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1998135.56		A	0.2
2	☐	1.000					
3	☐	1.000		1898893.10		A	1.2
4	☐	1.000		1902677.44		A	1.6
5	☐	1.000		1939657.35		A	1.5
6	☐	1.000		1849422.51		A	9.4
7	☐	1.000		1843237.61		A	9.6
8	☐	1.000		2012762.42		A	0.7
9	☐	1.000		2003093.15		A	0.6

165 Ho (ISTD) [No Gas]

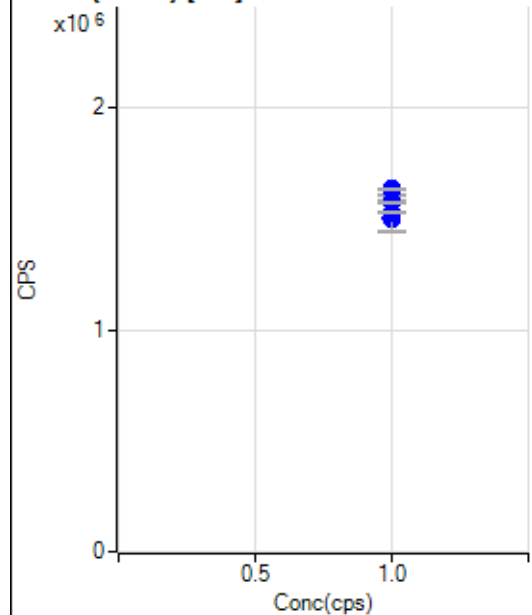
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9419018.18		A	0.3
2	☐	1.000					
3	☐	1.000		9196490.48		A	0.5
4	☐	1.000		9088108.45		A	2.3
5	☐	1.000		9560875.21		A	0.8
6	☐	1.000		9722220.44		A	0.6
7	☐	1.000		9819074.96		A	0.2
8	☐	1.000		10162386.51		A	0.7
9	☐	1.000		9978562.12		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2077388.18		A	0.7
2	☐	1.000					
3	☐	1.000		1972592.65		A	0.4
4	☐	1.000		1965439.19		A	1.0
5	☐	1.000		2015379.12		A	1.0
6	☐	1.000		1908211.72		A	8.9
7	☐	1.000		1913423.79		A	8.8
8	☐	1.000		2103894.15		A	0.6
9	☐	1.000		2075485.91		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6149330.46		A	0.9
2	☐	1.000					
3	☐	1.000		5917958.18		A	0.8
4	☐	1.000		5849597.69		A	1.8
5	☐	1.000		6156820.12		A	0.6
6	☐	1.000		6266093.45		A	0.5
7	☐	1.000		6299776.99		A	0.3
8	☐	1.000		6468708.72		A	0.2
9	☐	1.000		6049027.48		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1634100.83		P	0.5
2	☐	1.000					
3	☐	1.000		1579000.10		P	0.6
4	☐	1.000		1574572.48		P	0.8
5	☐	1.000		1603491.09		P	0.6
6	☐	1.000		1508926.61		P	8.6
7	☐	1.000		1502594.79		P	9.1
8	☐	1.000		1628643.01		P	0.6
9	☐	1.000		1528138.33		P	0.3

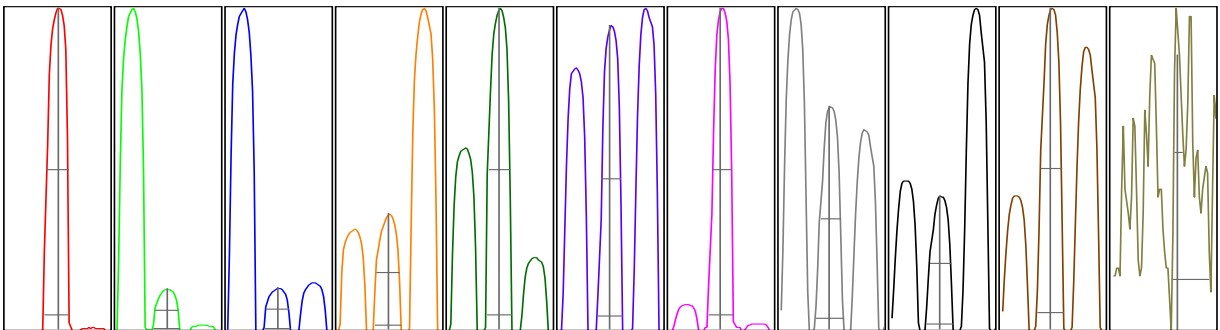
US EPA Tune Check Sample Report

Batch Folder D:\P8121517P8.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4021	1.44	5.00	
24	35987	0.99	5.00	
25	4695	0.91	5.00	
26	5405	1.56	5.00	
59	48766	1.00	5.00	
113	7041	1.58	5.00	
115	93076	1.64	5.00	
206	21229	1.46	5.00	
207	19339	1.37	5.00	
208	45841	1.40	5.00	
220	2	7.34		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3953	4088	4003	4074	3987
24	35723	35791	36558	35752	36112
25	4655	4681	4764	4667	4706
26	5388	5354	5536	5316	5431
59	48554	48048	49301	49095	48835
113	7069	6914	7156	6936	7132
115	94357	91176	93666	91719	94461
206	21319	20846	21473	20962	21544
207	19333	18994	19544	19179	19647
208	45885	45050	46248	45383	46641
220	2	2	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6684	9.05	8.9 - 9.1		0.739	0.900	
24	57990	24.00	23.9 - 24.1		0.777	0.900	
25	7612	25.00	24.9 - 25.1		0.760	0.900	
26	8733	26.00	25.9 - 26.1		0.787	0.900	
59	80728	59.00	58.9 - 59.1		0.740	0.900	
113	12825	113.00	112.9 - 113.1		0.723	0.900	
115	167067	115.00	114.9 - 115.1		0.733	0.900	
206	37441	205.95	205.9 - 206.1		0.807	0.900	
207	33492	206.95	206.9 - 207.1		0.779	0.900	
208	80369	207.95	207.9 - 208.1		0.774	0.900	
220	3	220.40	-		1.058		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	14.6	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	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	6474	0.31	
89	1546	0.85	
205	9792	0.75	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6496	6493	6468	6465	6448
89	1559	1561	1538	1531	1541
205	9866	9842	9684	9813	9752

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	2.8	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	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 :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.10	-0.51	2.62	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.03	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.73	-0.14	-0.60	0.00	N/A	ppb
Boron	11-1	-0.02	-0.12	0.14	0.00	N/A	ppb
Cadmium	111-1	-0.05	-0.02	0.07	0.00	N/A	ppb
Cadmium	106-1	-0.65	-0.47	1.12	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.02	0.03	0.00	N/A	ppb
Calcium	43-1	1.70	-4.08	2.38	0.00	N/A	ppb
Calcium	44-1	-1.35	-0.81	2.16	0.00	N/A	ppb
Chromium	52-2	0.05	0.03	-0.07	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.02	-0.04	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.10	-0.10	0.00	0.00	N/A	ppb
Iron	57-2	-0.23	1.08	-0.85	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.42	-10.22	2.80	0.00	N/A	ppb
Manganese	55-2	0.01	-0.07	0.06	0.00	N/A	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.08	-0.06	0.00	N/A	ppb
Phosphorus	31-2	22.45	21.40	-22.27	7.19	354.79	ppb
Potassium	39-2	-3.68	-3.25	6.93	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-3.85	7.69	-3.85	0.00	N/A	ppb
Selenium	78-2	-0.30	-0.30	0.60	0.00	N/A	ppb
Selenium	82-1	-0.83	0.45	0.38	0.00	N/A	ppb
Silicon	28-1	0.14	-0.83	0.70	0.00	N/A	ppb
Silver	109-1	0.00	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	31.91	-8.63	-23.29	0.00	N/A	ppb
Strontium	86-1	-0.06	0.03	0.03	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-282.11	-200.58	-91.69	-191.46		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb
Titanium	47-1	0.04	0.01	-0.05	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				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.04	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.99	11.08	17.68	16.58	30.41	ppb
Antimony	121-1	1.88	1.89	1.85	1.87	1.15	ppb
Arsenic	75-2	0.89	0.82	1.01	0.91	10.31	ppb
Barium	135-1	9.42	9.57	9.68	9.56	1.39	ppb
Barium	137-1	9.44	9.33	9.60	9.45	1.41	ppb
Beryllium	9-1	1.08	1.02	1.05	1.05	2.94	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	22.86	24.72	23.51	23.70	3.99	ppb
Boron	11-1	21.10	23.49	23.33	22.64	5.91	ppb
Cadmium	111-1	0.93	1.10	0.82	0.95	14.70	ppb
Cadmium	106-1	1.73	2.84	-0.89	1.22	156.09	ppb
Cadmium	108-1	1.10	0.92	0.68	0.90	23.31	ppb
Calcium	43-1	470.18	433.57	430.46	444.74	4.97	ppb
Calcium	44-1	440.45	454.15	459.25	451.28	2.16	ppb
Chromium	52-2	1.71	1.95	2.00	1.89	8.31	ppb
Cobalt	59-2	0.87	0.93	0.94	0.91	4.05	ppb
Copper	63-2	1.76	1.81	1.83	1.80	2.18	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				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	48.10	48.31	48.11	48.18	0.25	ppb
Iron	57-2	44.21	44.66	57.34	48.74	15.30	ppb
Lead	206-1	0.91	0.94	0.89	0.91	3.16	ppb
Lead	207-1	0.97	0.93	0.95	0.95	1.77	ppb
Lead	208-1	0.92	0.93	0.92	0.92	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	495.89	486.02	481.57	487.83	1.50	ppb
Manganese	55-2	0.90	0.90	1.23	1.01	19.05	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.81	4.55	5.03	4.80	5.03	ppb
Molybdenum	95-1	4.64	4.50	4.54	4.56	1.57	ppb
Molybdenum	96-1	4.60	4.55	4.64	4.60	0.98	ppb
Molybdenum	97-1	4.38	4.80	4.69	4.62	4.70	ppb
Molybdenum	98-1	4.54	4.41	4.54	4.50	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.65	0.87	0.77	14.23	ppb
Phosphorus	31-2	0.35	0.34	-22.27	-7.19		ppb
Potassium	39-2	457.31	455.63	470.04	461.00	1.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	2.19	2.18	-3.85	0.17	1992.39	ppb
Selenium	78-2	2.50	5.29	10.05	5.95	64.16	ppb
Selenium	82-1	4.63	3.86	4.29	4.26	9.07	ppb
Silicon	28-1	20.66	20.47	22.33	21.15	4.86	ppb
Silver	109-1	0.76	0.74	0.78	0.76	2.99	ppb
Silver	107-1	0.71	0.75	0.80	0.75	6.37	ppb
Sodium	23-2	472.04	484.62	479.54	478.73	1.32	ppb
Strontium	86-1	1.02	0.87	0.95	0.95	8.25	ppb
Strontium	88-1	0.96	0.94	0.92	0.94	1.87	ppb
Sulfur	34-1	236.77	161.66	175.95	191.46	20.83	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.95	0.92	0.98	0.95	3.03	ppb
Thallium	205-1	0.93	0.93	0.95	0.94	1.53	ppb
Tin	118-1	4.70	4.77	4.61	4.69	1.72	ppb
Titanium	47-1	5.30	4.85	4.62	4.92	6.98	ppb
Uranium	238-1	0.86	0.92	0.88	0.88	3.15	ppb
Vanadium	51-2	4.66	4.28	4.24	4.39	5.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1.98	1.83	2.24	2.02	10.25	ppb
Zirconium	90-1	0.95	0.91	0.97	0.94	3.22	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	0.90	1.03	0.98	7.33	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	993.54	1040.29	1060.64	1031.49	3.34	ppb
Antimony	121-1	51.13	51.76	51.22	51.37	0.67	ppb
Arsenic	75-2	49.93	48.92	48.55	49.13	1.46	ppb
Barium	135-1	256.27	256.86	256.42	256.51	0.12	ppb
Barium	137-1	254.78	257.83	253.36	255.32	0.89	ppb
Beryllium	9-1	52.00	51.96	50.74	51.57	1.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	44.96	46.31	48.02	46.43	3.30	ppb
Boron	11-1	48.06	48.59	50.56	49.07	2.68	ppb
Cadmium	111-1	51.75	52.32	51.07	51.71	1.21	ppb
Cadmium	106-1	54.34	54.05	53.66	54.02	0.63	ppb
Cadmium	108-1	51.98	56.48	50.87	53.11	5.60	ppb
Calcium	43-1	4746.67	4899.59	4895.44	4847.23	1.80	ppb
Calcium	44-1	4985.43	4886.28	4912.89	4928.20	1.04	ppb
Chromium	52-2	49.66	48.74	50.67	49.69	1.93	ppb
Cobalt	59-2	49.78	50.33	50.19	50.10	0.56	ppb
Copper	63-2	99.12	100.02	98.65	99.26	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	2632.25	2614.42	2581.03	2609.23	1.00	ppb
Iron	57-2	2617.20	2521.39	2540.61	2559.73	1.98	ppb
Lead	206-1	49.86	49.65	49.64	49.72	0.26	ppb
Lead	207-1	48.80	49.65	49.11	49.19	0.87	ppb
Lead	208-1	49.49	49.44	49.15	49.36	0.38	ppb
Lithium	6-1				95		%
Magnesium	24-2	5272.90	5246.66	5077.86	5199.14	2.04	ppb
Manganese	55-2	100.59	101.86	96.10	99.51	3.04	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.58	253.84	248.25	251.56	1.17	ppb
Molybdenum	95-1	248.57	249.43	249.38	249.13	0.19	ppb
Molybdenum	96-1	251.51	250.35	249.31	250.39	0.44	ppb
Molybdenum	97-1	247.02	249.00	247.80	247.94	0.40	ppb
Molybdenum	98-1	247.08	249.76	249.69	248.84	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.85	50.22	50.48	50.52	0.63	ppb
Phosphorus	31-2	852.24	1117.30	934.28	967.94	14.02	ppb
Potassium	39-2	2520.56	2619.07	2568.47	2569.37	1.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	113.45	63.21	20.67	65.78	70.61	ppb
Selenium	78-2	42.60	64.64	55.55	54.26	20.42	ppb
Selenium	82-1	51.40	51.33	49.73	50.82	1.86	ppb
Silicon	28-1	68.83	69.68	74.72	71.08	4.48	ppb
Silver	109-1	51.57	52.47	51.39	51.81	1.11	ppb
Silver	107-1	52.17	52.11	51.10	51.79	1.16	ppb
Sodium	23-2	5239.51	5209.91	5109.47	5186.30	1.31	ppb
Strontium	86-1	48.84	49.12	49.83	49.26	1.03	ppb
Strontium	88-1	50.66	50.37	50.68	50.57	0.33	ppb
Sulfur	34-1	1145.56	1295.94	1774.39	1405.30	23.37	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	49.58	50.07	49.81	49.82	0.50	ppb
Thallium	205-1	50.39	51.13	50.02	50.51	1.12	ppb
Tin	118-1	50.99	50.51	50.93	50.81	0.51	ppb
Titanium	47-1	249.29	253.73	249.32	250.78	1.02	ppb
Uranium	238-1	48.35	48.82	48.16	48.44	0.70	ppb
Vanadium	51-2	49.23	49.92	48.49	49.22	1.46	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	101.40	99.34	98.22	99.65	1.62	ppb
Zirconium	90-1	50.15	49.88	49.37	49.80	0.79	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.93	48.93	48.86	48.91	0.08	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2699.14	2647.87	2543.56	2630.19	3.01	ppb
Antimony	121-1	126.70	127.56	127.23	127.16	0.34	ppb
Arsenic	75-2	126.52	124.01	121.55	124.03	2.00	ppb
Barium	135-1	639.07	636.75	642.79	639.54	0.48	ppb
Barium	137-1	643.98	654.35	648.83	649.05	0.80	ppb
Beryllium	9-1	129.28	130.51	130.19	129.99	0.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	117.77	123.36	126.60	122.58	3.65	ppb
Boron	11-1	118.25	123.90	122.85	121.67	2.47	ppb
Cadmium	111-1	128.64	128.82	129.75	129.07	0.46	ppb
Cadmium	106-1	128.86	128.23	130.03	129.04	0.71	ppb
Cadmium	108-1	129.91	131.16	130.57	130.55	0.48	ppb
Calcium	43-1	12362.24	12266.39	12071.55	12233.39	1.21	ppb
Calcium	44-1	12292.41	12163.71	12079.83	12178.65	0.88	ppb
Chromium	52-2	122.75	124.40	124.40	123.85	0.77	ppb
Cobalt	59-2	123.86	126.20	126.28	125.45	1.09	ppb
Copper	63-2	247.45	251.30	250.52	249.76	0.81	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				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	6516.20	6579.22	6548.41	6547.94	0.48	ppb
Iron	57-2	6212.04	6322.89	6454.63	6329.85	1.92	ppb
Lead	206-1	125.37	124.47	123.05	124.30	0.94	ppb
Lead	207-1	123.32	123.58	120.88	122.59	1.21	ppb
Lead	208-1	124.07	124.33	122.76	123.72	0.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	12904.38	13003.80	12970.76	12959.65	0.39	ppb
Manganese	55-2	246.53	243.90	247.04	245.82	0.68	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	626.13	635.56	626.58	629.42	0.84	ppb
Molybdenum	95-1	629.35	633.33	633.84	632.17	0.39	ppb
Molybdenum	96-1	634.97	635.96	635.22	635.38	0.08	ppb
Molybdenum	97-1	615.82	615.47	615.19	615.49	0.05	ppb
Molybdenum	98-1	637.69	631.04	634.72	634.48	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.27	126.12	124.58	125.66	0.74	ppb
Phosphorus	31-2	2541.88	2530.75	2423.36	2498.66	2.62	ppb
Potassium	39-2	6256.95	6452.84	6278.48	6329.42	1.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	152.93	159.32	147.67	153.30	3.81	ppb
Selenium	78-2	115.14	130.33	130.69	125.39	7.08	ppb
Selenium	82-1	125.07	125.19	123.88	124.72	0.58	ppb
Silicon	28-1	167.85	165.95	159.52	164.44	2.65	ppb
Silver	109-1	129.97	128.98	130.56	129.83	0.61	ppb
Silver	107-1	129.38	128.97	130.47	129.61	0.60	ppb
Sodium	23-2	12682.28	13025.53	12814.18	12840.67	1.35	ppb
Strontium	86-1	124.33	122.53	123.20	123.35	0.74	ppb
Strontium	88-1	127.98	127.32	126.69	127.33	0.51	ppb
Sulfur	34-1	2575.41	2482.44	2216.44	2424.76	7.68	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	124.84	125.75	123.17	124.59	1.05	ppb
Thallium	205-1	127.63	128.47	125.88	127.33	1.04	ppb
Tin	118-1	125.00	126.86	126.91	126.26	0.86	ppb
Titanium	47-1	617.76	621.43	614.81	618.00	0.54	ppb
Uranium	238-1	125.36	123.72	123.78	124.29	0.75	ppb
Vanadium	51-2	122.32	122.17	122.93	122.47	0.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	248.54	252.91	244.74	248.73	1.64	ppb
Zirconium	90-1	124.14	124.14	125.65	124.64	0.70	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.66	124.81	124.56	124.01	0.95	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:44:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5097.11	5957.75	4995.94	5350.27	9.88	ppb
Antimony	121-1	259.39	258.20	256.28	257.96	0.61	ppb
Arsenic	75-2	253.67	303.37	249.82	268.95	11.10	ppb
Barium	135-1	1304.10	1305.12	1273.11	1294.11	1.41	ppb
Barium	137-1	1291.27	1302.56	1265.85	1286.56	1.46	ppb
Beryllium	9-1	256.49	253.18	250.56	253.41	1.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	244.37	245.86	246.16	245.47	0.39	ppb
Boron	11-1	243.36	244.67	250.65	246.23	1.58	ppb
Cadmium	111-1	253.38	252.29	253.41	253.03	0.25	ppb
Cadmium	106-1	255.21	251.26	254.11	253.53	0.80	ppb
Cadmium	108-1	250.74	259.30	249.81	253.28	2.07	ppb
Calcium	43-1	24541.03	24645.86	24569.61	24585.50	0.22	ppb
Calcium	44-1	24273.23	24257.15	24263.93	24264.77	0.03	ppb
Chromium	52-2	249.48	291.96	253.22	264.89	8.88	ppb
Cobalt	59-2	250.99	293.93	252.48	265.80	9.17	ppb
Copper	63-2	499.99	583.94	504.64	529.53	8.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	12940.99	15301.19	13183.08	13808.42	9.40	ppb
Iron	57-2	12909.80	15045.03	12957.38	13637.40	8.94	ppb
Lead	206-1	247.72	245.46	245.16	246.11	0.57	ppb
Lead	207-1	243.75	245.04	243.61	244.13	0.32	ppb
Lead	208-1	249.77	251.39	250.32	250.49	0.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	26183.29	30406.41	25928.14	27505.95	9.14	ppb
Manganese	55-2	497.08	582.76	501.01	526.95	9.18	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:44:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1243.42	1257.62	1250.18	1250.41	0.57	ppb
Molybdenum	95-1	1246.25	1250.19	1242.92	1246.45	0.29	ppb
Molybdenum	96-1	1252.79	1261.31	1244.07	1252.72	0.69	ppb
Molybdenum	97-1	1261.31	1253.11	1263.69	1259.37	0.44	ppb
Molybdenum	98-1	1229.81	1226.73	1250.76	1235.77	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.74	296.66	254.31	267.57	9.43	ppb
Phosphorus	31-2	4254.71	5085.40	5214.39	4851.50	10.74	ppb
Potassium	39-2	12764.31	15019.06	12868.98	13550.78	9.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	233.65	460.49	216.52	303.55	44.86	ppb
Selenium	78-2	262.18	321.20	237.87	273.75	15.65	ppb
Selenium	82-1	252.21	252.12	252.79	252.37	0.14	ppb
Silicon	28-1	280.93	278.57	282.05	280.51	0.63	ppb
Silver	109-1	261.70	257.81	260.18	259.89	0.76	ppb
Silver	107-1	260.13	262.22	257.11	259.82	0.99	ppb
Sodium	23-2	26430.86	30501.89	26637.26	27856.67	8.23	ppb
Strontium	86-1	242.71	244.12	244.13	243.65	0.34	ppb
Strontium	88-1	249.29	251.39	248.87	249.85	0.54	ppb
Sulfur	34-1	4747.02	4529.49	4398.69	4558.40	3.86	ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	249.76	249.46	248.48	249.23	0.27	ppb
Thallium	205-1	255.06	249.84	252.98	252.63	1.04	ppb
Tin	118-1	247.68	252.70	250.14	250.18	1.00	ppb
Titanium	47-1	1234.53	1242.80	1246.36	1241.23	0.49	ppb
Uranium	238-1	248.72	248.26	248.00	248.33	0.15	ppb
Vanadium	51-2	249.15	287.62	250.27	262.35	8.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	498.54	581.20	505.02	528.25	8.70	ppb
Zirconium	90-1	249.72	250.65	250.78	250.38	0.23	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:44:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	244.56	242.61	242.73	243.30	0.45	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:48:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11943.90	10367.94	9918.57	10743.47	9.90	ppb
Antimony	121-1	504.34	509.89	499.50	504.57	1.03	ppb
Arsenic	75-2	590.38	512.32	487.36	530.02	10.14	ppb
Barium	135-1	2502.55	2567.22	2532.81	2534.19	1.28	ppb
Barium	137-1	2494.20	2506.78	2501.89	2500.96	0.25	ppb
Beryllium	9-1	510.21	491.85	503.46	501.84	1.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	485.47	471.30	512.89	489.89	4.32	ppb
Boron	11-1	488.79	480.90	501.07	490.25	2.07	ppb
Cadmium	111-1	494.43	502.14	497.32	497.96	0.78	ppb
Cadmium	106-1	500.60	510.05	500.03	503.56	1.12	ppb
Cadmium	108-1	495.13	510.11	507.64	504.29	1.59	ppb
Calcium	43-1	48645.62	49670.32	48984.23	49100.06	1.06	ppb
Calcium	44-1	48559.69	48499.91	49042.36	48700.65	0.61	ppb
Chromium	52-2	583.65	503.44	484.25	523.78	10.07	ppb
Cobalt	59-2	583.09	503.45	487.32	524.62	9.77	ppb
Copper	63-2	1168.14	1006.79	972.23	1049.05	9.97	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				104		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	30150.16	26262.05	25250.20	27220.80	9.50	ppb
Iron	57-2	29846.14	26001.57	24963.64	26937.12	9.55	ppb
Lead	206-1	500.71	499.47	499.92	500.03	0.13	ppb
Lead	207-1	508.01	501.83	511.39	507.08	0.96	ppb
Lead	208-1	508.11	504.52	508.25	506.96	0.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	61439.43	52650.69	50229.84	54773.32	10.77	ppb
Manganese	55-2	1163.61	1016.08	970.77	1050.15	9.60	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:48:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2477.23	2489.01	2488.30	2484.85	0.27	ppb
Molybdenum	95-1	2458.25	2511.51	2514.16	2494.64	1.26	ppb
Molybdenum	96-1	2491.59	2526.47	2505.16	2507.74	0.70	ppb
Molybdenum	97-1	2510.56	2521.76	2514.15	2515.49	0.23	ppb
Molybdenum	98-1	2493.75	2508.18	2502.79	2501.57	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	583.87	508.30	490.55	527.57	9.39	ppb
Phosphorus	31-2	11002.58	9868.66	10592.18	10487.81	5.47	ppb
Potassium	39-2	29642.01	25654.82	24222.21	26506.35	10.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	615.15	415.66	563.52	531.44	19.48	ppb
Selenium	78-2	606.88	483.51	498.93	529.77	12.69	ppb
Selenium	82-1	498.60	504.25	504.67	502.51	0.67	ppb
Silicon	28-1	545.35	543.67	547.90	545.64	0.39	ppb
Silver	109-1	507.91	512.58	509.79	510.09	0.46	ppb
Silver	107-1	502.14	515.46	502.59	506.73	1.49	ppb
Sodium	23-2	61216.16	52410.06	50022.13	54549.45	10.81	ppb
Strontium	86-1	491.00	494.12	488.84	491.32	0.54	ppb
Strontium	88-1	496.36	502.02	494.05	497.48	0.82	ppb
Sulfur	34-1	9886.24	9424.95	9570.36	9627.18	2.45	ppb
Terbium	159-1				103		%
Terbium	159-2				92		%
Thallium	203-1	515.41	510.68	509.83	511.97	0.59	ppb
Thallium	205-1	505.70	499.25	498.42	501.12	0.80	ppb
Tin	118-1	501.63	511.61	502.47	505.24	1.09	ppb
Titanium	47-1	2520.38	2490.68	2509.65	2506.90	0.60	ppb
Uranium	238-1	494.97	502.30	498.70	498.65	0.74	ppb
Vanadium	51-2	579.78	504.57	482.47	522.27	9.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	1174.67	1021.64	977.41	1057.91	9.78	ppb
Zirconium	90-1	497.75	502.21	500.21	500.05	0.45	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:48:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.63	497.62	491.14	493.13	0.79	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:51:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20290.17	20430.05	20040.66	20253.63	0.97	ppb
Antimony	121-1	995.40	992.89	997.87	995.38	0.25	ppb
Arsenic	75-2	978.92	988.27	974.06	980.42	0.74	ppb
Barium	135-1	4942.18	4980.37	4986.65	4969.73	0.48	ppb
Barium	137-1	4959.45	4980.63	5021.26	4987.11	0.63	ppb
Beryllium	9-1	1009.56	985.08	997.93	997.52	1.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	1010.39	982.58	1027.14	1006.70	2.24	ppb
Boron	11-1	1001.13	1000.02	1017.87	1006.34	0.99	ppb
Cadmium	111-1	994.91	995.85	1008.24	999.67	0.74	ppb
Cadmium	106-1	991.20	998.57	1000.13	996.63	0.48	ppb
Cadmium	108-1	994.51	1001.77	992.27	996.18	0.50	ppb
Calcium	43-1	97361.50	100529.44	98782.81	98891.25	1.60	ppb
Calcium	44-1	96983.78	97873.02	97486.11	97447.64	0.46	ppb
Chromium	52-2	976.35	999.14	978.15	984.55	1.29	ppb
Cobalt	59-2	979.01	996.43	975.59	983.68	1.14	ppb
Copper	63-2	1979.58	1969.29	1955.61	1968.16	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	50972.21	52072.77	50544.97	51196.65	1.54	ppb
Iron	57-2	50337.39	51208.51	49859.98	50468.63	1.35	ppb
Lead	206-1	993.86	1007.85	1001.47	1001.06	0.70	ppb
Lead	207-1	993.81	996.13	1004.88	998.27	0.58	ppb
Lead	208-1	995.72	997.96	996.08	996.59	0.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	101762.06	102967.01	99774.90	101501.32	1.59	ppb
Manganese	55-2	1965.05	1999.09	1942.06	1968.73	1.46	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:51:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5038.70	5013.78	4968.04	5006.84	0.72	ppb
Molybdenum	95-1	4990.87	5021.85	4995.42	5002.71	0.33	ppb
Molybdenum	96-1	5012.03	5004.70	4965.68	4994.13	0.50	ppb
Molybdenum	97-1	5001.58	5011.82	4960.21	4991.20	0.55	ppb
Molybdenum	98-1	5020.19	4986.19	4998.55	5001.64	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.07	994.55	972.53	981.71	1.17	ppb
Phosphorus	31-2	19515.85	19989.32	19879.80	19794.99	1.25	ppb
Potassium	39-2	49853.82	50698.84	49129.73	49894.13	1.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	951.09	1009.46	939.22	966.59	3.89	ppb
Selenium	78-2	998.44	985.65	952.64	978.91	2.41	ppb
Selenium	82-1	997.05	1002.44	994.97	998.15	0.39	ppb
Silicon	28-1	962.33	969.18	958.85	963.45	0.55	ppb
Silver	109-1	982.92	994.03	998.41	991.79	0.81	ppb
Silver	107-1	986.30	993.31	1000.93	993.52	0.74	ppb
Sodium	23-2	100103.50	102355.06	99345.21	100601.26	1.56	ppb
Strontium	86-1	1013.73	1003.61	1001.16	1006.17	0.66	ppb
Strontium	88-1	1002.04	1006.70	994.20	1000.98	0.63	ppb
Sulfur	34-1	20183.03	20803.18	19871.64	20285.95	2.34	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	998.54	993.29	990.97	994.27	0.39	ppb
Thallium	205-1	1001.71	997.67	996.01	998.46	0.29	ppb
Tin	118-1	996.51	993.52	1001.40	997.14	0.40	ppb
Titanium	47-1	4992.18	5075.88	4930.67	4999.58	1.46	ppb
Uranium	238-1	1004.93	995.31	1003.53	1001.26	0.52	ppb
Vanadium	51-2	985.20	995.96	977.24	986.14	0.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	1954.06	1985.66	1952.76	1964.16	0.95	ppb
Zirconium	90-1	1005.47	998.15	996.18	999.93	0.49	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:51:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1006.76	1011.61	997.50	1005.29	0.71	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99625.59	101040.68	98895.26	99853.85	1.09	ppb
Antimony	121-1	1.09	1.07	1.12	1.09	2.45	ppb
Arsenic	75-2	0.31	0.38	0.23	0.31	24.55	ppb
Barium	135-1	1.24	1.26	1.28	1.26	1.61	ppb
Barium	137-1	1.24	1.31	1.30	1.28	2.89	ppb
Beryllium	9-1	0.96	0.86	0.91	0.91	5.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	41.88	39.19	38.31	39.79	4.67	ppb
Boron	11-1	41.84	36.16	34.23	37.41	10.58	ppb
Cadmium	111-1	0.04	0.13	0.18	0.12	62.22	ppb
Cadmium	106-1	-0.66	0.55	0.88	0.26	315.88	ppb
Cadmium	108-1	0.09	0.23	0.20	0.17	43.71	ppb
Calcium	43-1	500617.09	499476.10	500928.96	500340.72	0.15	ppb
Calcium	44-1	500465.46	500083.33	501509.12	500685.97	0.15	ppb
Chromium	52-2	8.40	8.16	8.26	8.27	1.45	ppb
Cobalt	59-2	1.08	0.96	1.05	1.03	6.29	ppb
Copper	63-2	2.01	2.03	1.93	1.99	2.72	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				106		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	249232.19	251251.08	247910.62	249464.63	0.67	ppb
Iron	57-2	251589.73	249032.34	248337.23	249653.10	0.69	ppb
Lead	206-1	1.44	1.47	1.42	1.44	1.99	ppb
Lead	207-1	1.39	1.33	1.36	1.36	2.26	ppb
Lead	208-1	1.41	1.42	1.39	1.41	1.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	498996.43	501502.19	496752.28	499083.64	0.48	ppb
Manganese	55-2	4.73	4.36	4.28	4.45	5.37	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.49	1.72	1.64	1.62	7.20	ppb
Molybdenum	95-1	2.65	2.52	2.48	2.55	3.55	ppb
Molybdenum	96-1	2.48	2.54	2.65	2.56	3.44	ppb
Molybdenum	97-1	2.26	2.06	1.94	2.09	7.76	ppb
Molybdenum	98-1	1.83	1.80	1.80	1.81	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.78	5.26	5.67	5.57	4.88	ppb
Phosphorus	31-2	0.44	-22.27	-22.27	-14.70		ppb
Potassium	39-2	250125.30	251577.47	247743.43	249815.40	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	-3.85	2.06	-3.85	-1.88		ppb
Selenium	78-2	-0.30	0.61	0.61	0.31	170.19	ppb
Selenium	82-1	-0.23	-0.27	0.65	0.05	1006.21	ppb
Silicon	28-1	164.32	174.03	177.38	171.91	3.94	ppb
Silver	109-1	1.17	1.15	1.19	1.17	1.80	ppb
Silver	107-1	1.20	1.25	1.11	1.18	5.95	ppb
Sodium	23-2	500259.48	499831.78	497723.58	499271.61	0.27	ppb
Strontium	86-1	33.69	33.79	33.19	33.56	0.96	ppb
Strontium	88-1	34.30	34.42	34.13	34.28	0.42	ppb
Sulfur	34-1	-2048.61	-1982.37	-1882.46	-1971.15		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.30	0.31	0.29	10.05	ppb
Thallium	205-1	0.32	0.25	0.26	0.28	12.10	ppb
Tin	118-1	0.61	0.58	0.54	0.58	6.11	ppb
Titanium	47-1	0.69	0.70	0.73	0.70	2.84	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.19	ppb
Vanadium	51-2	0.11	0.12	0.13	0.12	10.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	3.95	4.14	4.62	4.24	8.15	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	5.63	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.06	0.06	8.16	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:00:20	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	539.35	496.08	504.64	513.35	4.46	ppb
Antimony	121-1	208.22	201.69	207.82	205.91	1.78	ppb
Arsenic	75-2	198.75	199.94	197.54	198.75	0.60	ppb
Barium	135-1	104.61	103.49	104.81	104.31	0.68	ppb
Barium	137-1	103.77	102.21	104.45	103.48	1.11	ppb
Beryllium	9-1	104.24	104.37	105.21	104.61	0.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	564.13	587.96	580.00	577.36	2.10	ppb
Boron	11-1	567.52	574.36	587.11	576.33	1.73	ppb
Cadmium	111-1	106.19	105.37	107.86	106.47	1.19	ppb
Cadmium	106-1	172.84	171.10	171.77	171.90	0.51	ppb
Cadmium	108-1	139.46	140.23	140.04	139.91	0.29	ppb
Calcium	43-1	2092.03	2191.12	2093.75	2125.63	2.67	ppb
Calcium	44-1	2008.23	2037.43	2035.87	2027.18	0.81	ppb
Chromium	52-2	95.62	92.79	93.40	93.94	1.59	ppb
Cobalt	59-2	95.78	95.56	96.34	95.89	0.42	ppb
Copper	63-2	94.35	95.08	94.15	94.53	0.52	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				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	1004.39	998.25	1002.20	1001.61	0.31	ppb
Iron	57-2	958.31	949.61	945.96	951.29	0.67	ppb
Lead	206-1	200.39	199.07	201.45	200.31	0.60	ppb
Lead	207-1	191.02	190.50	191.86	191.13	0.36	ppb
Lead	208-1	200.31	199.68	200.84	200.28	0.29	ppb
Lithium	6-1				98		%
Magnesium	24-2	1196.62	1168.21	1199.84	1188.22	1.46	ppb
Manganese	55-2	95.88	94.89	97.31	96.03	1.27	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:00:20	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1212.75	1210.17	1217.87	1213.60	0.32	ppb
Molybdenum	95-1	542.43	534.15	540.07	538.89	0.79	ppb
Molybdenum	96-1	636.88	621.99	630.77	629.88	1.19	ppb
Molybdenum	97-1	523.16	518.12	519.81	520.36	0.49	ppb
Molybdenum	98-1	541.78	534.89	536.16	537.61	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.57	96.07	98.08	97.24	1.07	ppb
Phosphorus	31-2	-22.27	19.29	-22.27	-8.42		ppb
Potassium	39-2	2034.89	2015.13	2006.41	2018.81	0.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	228.35	302.60	261.69	264.21	14.07	ppb
Selenium	78-2	205.19	210.87	190.74	202.27	5.13	ppb
Selenium	82-1	203.51	204.92	207.11	205.18	0.88	ppb
Silicon	28-1	550.99	556.97	555.92	554.62	0.58	ppb
Silver	109-1	103.73	105.43	104.46	104.54	0.81	ppb
Silver	107-1	104.47	104.26	105.56	104.76	0.66	ppb
Sodium	23-2	1875.88	1881.08	1869.14	1875.37	0.32	ppb
Strontium	86-1	525.18	523.46	525.34	524.66	0.20	ppb
Strontium	88-1	535.25	530.14	532.52	532.64	0.48	ppb
Sulfur	34-1	-1036.71	-1032.92	-1058.83	-1042.82		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	204.84	203.67	205.23	204.58	0.40	ppb
Thallium	205-1	206.99	206.95	209.27	207.74	0.64	ppb
Tin	118-1	560.76	554.08	565.95	560.26	1.06	ppb
Titanium	47-1	537.06	539.16	541.51	539.24	0.41	ppb
Uranium	238-1	522.72	518.79	522.04	521.18	0.40	ppb
Vanadium	51-2	93.86	93.99	95.72	94.52	1.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	196.78	194.60	188.59	193.32	2.19	ppb
Zirconium	90-1	555.10	554.25	551.65	553.67	0.32	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:00:20	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	546.90	542.33	546.77	545.34	0.48	ppb

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 15:03:24 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.10	3.95	-0.54	0.43	722.42	ppb
Antimony	121-1	0.09	0.09	0.13	0.10	23.82	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.17	0.09	0.09	0.11	42.54	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	21.80	17.38	19.90	19.69	11.27	ppb
Boron	11-1	21.19	18.72	17.40	19.10	10.05	ppb
Cadmium	111-1	0.00	-0.03	0.06	0.01	409.35	ppb
Cadmium	106-1	0.13	-0.44	0.87	0.18	357.59	ppb
Cadmium	108-1	0.02	-0.09	-0.13	-0.06		ppb
Calcium	43-1	5.91	-4.26	-0.66	0.33	1571.20	ppb
Calcium	44-1	-34.36	-37.19	-36.43	-35.99		ppb
Chromium	52-2	-0.04	-0.02	-0.12	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.06	-0.07	0.00	-0.04		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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	-0.99	-0.98	-0.98	-0.98		ppb
Iron	57-2	-0.42	-2.33	-1.33	-1.36		ppb
Lead	206-1	0.00	-0.01	0.02	0.00	403.60	ppb
Lead	207-1	0.01	0.00	0.00	0.00	182.88	ppb
Lead	208-1	0.02	0.01	0.01	0.01	22.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	-30.22	-27.84	-25.45	-27.84		ppb
Manganese	55-2	0.06	-0.06	0.04	0.01	483.47	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:03:24	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	0.02	0.01	173.66	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	75.79	ppb
Molybdenum	96-1	0.01	0.04	0.05	0.03	61.81	ppb
Molybdenum	97-1	0.02	0.05	0.01	0.02	89.40	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.15	-0.20	-0.12		ppb
Phosphorus	31-2	-22.27	-22.27	-0.81	-15.12		ppb
Potassium	39-2	-1.62	-9.99	-15.65	-9.09		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	1.88	-3.85	-3.85	-1.94		ppb
Selenium	78-2	-0.30	0.59	-0.30	0.00		ppb
Selenium	82-1	-1.02	-0.48	-1.00	-0.83		ppb
Silicon	28-1	-1.16	-1.26	-3.45	-1.96		ppb
Silver	109-1	0.32	0.27	0.25	0.28	12.62	ppb
Silver	107-1	0.29	0.28	0.20	0.25	18.45	ppb
Sodium	23-2	-117.00	-131.52	-102.10	-116.87		ppb
Strontium	86-1	-0.06	-0.05	-0.03	-0.05		ppb
Strontium	88-1	-0.04	-0.04	-0.04	-0.04		ppb
Sulfur	34-1	-749.94	-818.73	-1009.95	-859.54		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.07	0.05	0.06	21.21	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	20.68	ppb
Tin	118-1	0.08	0.06	0.02	0.06	54.35	ppb
Titanium	47-1	0.11	0.02	0.00	0.04	130.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.07	-0.07	0.07	-0.02		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	88.00	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:03:24	DataFile Name :	015CCBE.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94376.54	93127.68	93747.19	93750.47	0.67	ppb
Antimony	121-1	1.10	1.11	1.12	1.11	0.71	ppb
Arsenic	75-2	0.35	0.29	0.24	0.29	18.80	ppb
Barium	135-1	1.45	1.40	1.47	1.44	2.29	ppb
Barium	137-1	1.51	1.52	1.43	1.49	3.18	ppb
Beryllium	9-1	0.34	0.28	0.32	0.31	9.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	13.82	11.86	11.57	12.41	9.86	ppb
Boron	11-1	13.08	11.76	11.93	12.26	5.86	ppb
Cadmium	111-1	0.35	0.35	0.12	0.27	48.88	ppb
Cadmium	106-1	0.67	0.14	-1.36	-0.19		ppb
Cadmium	108-1	6.58	7.28	7.03	6.96	5.15	ppb
Calcium	43-1	97466.81	95591.02	97355.33	96804.39	1.09	ppb
Calcium	44-1	94993.09	94495.77	94825.55	94771.47	0.27	ppb
Chromium	52-2	18.87	19.37	19.14	19.13	1.31	ppb
Cobalt	59-2	1.10	1.17	1.14	1.14	3.12	ppb
Copper	63-2	7.51	7.61	7.49	7.54	0.88	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				107		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	100659.56	100682.94	100610.23	100650.91	0.04	ppb
Iron	57-2	99751.31	99577.15	99593.67	99640.71	0.10	ppb
Lead	206-1	4.78	4.71	4.93	4.81	2.28	ppb
Lead	207-1	4.33	4.05	4.07	4.15	3.77	ppb
Lead	208-1	4.50	4.39	4.41	4.43	1.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	100812.74	99728.93	100164.06	100235.24	0.54	ppb
Manganese	55-2	7.83	7.42	7.28	7.51	3.75	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1341.37	1337.62	1325.99	1334.99	0.60	ppb
Molybdenum	95-1	1919.90	1906.70	1886.30	1904.30	0.89	ppb
Molybdenum	96-1	1847.05	1846.85	1826.76	1840.22	0.63	ppb
Molybdenum	97-1	1922.15	1922.13	1921.44	1921.91	0.02	ppb
Molybdenum	98-1	1908.21	1909.83	1894.67	1904.24	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.80	5.40	4.87	5.03	6.52	ppb
Phosphorus	31-2	93805.75	94256.16	91888.12	93316.68	1.35	ppb
Potassium	39-2	99463.39	98940.54	98990.12	99131.35	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	2.32	-3.85	-3.85	-1.79		ppb
Selenium	78-2	0.65	0.66	0.66	0.66	0.47	ppb
Selenium	82-1	0.03	0.81	-0.40	0.15	414.39	ppb
Silicon	28-1	24.34	21.17	21.51	22.34	7.79	ppb
Silver	109-1	1.25	1.52	1.79	1.52	17.88	ppb
Silver	107-1	1.30	1.52	1.76	1.52	14.98	ppb
Sodium	23-2	99788.64	98947.57	99526.22	99420.81	0.43	ppb
Strontium	86-1	32.77	32.61	32.52	32.63	0.39	ppb
Strontium	88-1	33.08	33.67	33.61	33.45	0.97	ppb
Sulfur	34-1	94909.70	92352.02	91354.32	92872.01	1.97	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.09	0.12	0.10	14.60	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	5.47	ppb
Tin	118-1	0.15	0.12	0.14	0.14	9.09	ppb
Titanium	47-1	1981.55	1931.57	1991.90	1968.34	1.64	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.11	ppb
Vanadium	51-2	0.17	0.14	0.10	0.14	22.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	10.08	11.29	10.72	10.69	5.63	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	22.09	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.03	0.02	74.79	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92762.96	93859.00	92685.04	93102.33	0.71	ppb
Antimony	121-1	20.52	20.66	20.49	20.55	0.45	ppb
Arsenic	75-2	18.82	19.28	18.62	18.91	1.78	ppb
Barium	135-1	21.48	22.11	21.33	21.64	1.90	ppb
Barium	137-1	21.01	21.34	21.37	21.24	0.95	ppb
Beryllium	9-1	21.33	20.88	20.95	21.05	1.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	69.78	71.68	68.31	69.93	2.41	ppb
Boron	11-1	72.60	70.52	70.64	71.26	1.64	ppb
Cadmium	111-1	19.76	19.67	19.88	19.77	0.53	ppb
Cadmium	106-1	26.39	23.58	24.85	24.94	5.63	ppb
Cadmium	108-1	29.43	30.29	29.36	29.69	1.74	ppb
Calcium	43-1	97052.17	96862.09	96459.93	96791.39	0.31	ppb
Calcium	44-1	94621.75	95759.00	95677.52	95352.76	0.67	ppb
Chromium	52-2	39.13	39.62	37.42	38.72	2.98	ppb
Cobalt	59-2	20.74	21.31	20.87	20.97	1.41	ppb
Copper	63-2	27.16	27.49	26.79	27.15	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	99964.00	101366.13	98291.45	99873.86	1.54	ppb
Iron	57-2	98812.61	100279.27	98111.54	99067.81	1.12	ppb
Lead	206-1	25.07	24.70	24.75	24.84	0.81	ppb
Lead	207-1	22.12	22.88	23.05	22.68	2.18	ppb
Lead	208-1	23.48	23.55	23.71	23.58	0.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	99366.73	100365.38	98311.41	99347.84	1.03	ppb
Manganese	55-2	27.41	26.91	26.81	27.05	1.19	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1462.52	1468.74	1473.85	1468.37	0.39	ppb
Molybdenum	95-1	1983.79	1987.92	2008.41	1993.37	0.66	ppb
Molybdenum	96-1	1909.52	1929.56	1941.34	1926.80	0.83	ppb
Molybdenum	97-1	1981.32	1961.58	2027.16	1990.02	1.69	ppb
Molybdenum	98-1	1959.52	1978.29	1970.34	1969.38	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.70	25.70	24.63	25.34	2.44	ppb
Phosphorus	31-2	92193.27	93303.07	93141.51	92879.28	0.65	ppb
Potassium	39-2	98566.73	100057.87	96998.86	98541.15	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	14.62	27.07	26.76	22.81	31.13	ppb
Selenium	78-2	23.46	24.52	10.10	19.36	41.52	ppb
Selenium	82-1	19.11	17.76	19.15	18.67	4.24	ppb
Silicon	28-1	96.63	97.91	100.83	98.46	2.19	ppb
Silver	109-1	17.72	18.54	18.86	18.37	3.20	ppb
Silver	107-1	17.80	18.38	18.79	18.32	2.72	ppb
Sodium	23-2	98743.17	99298.61	97490.65	98510.81	0.94	ppb
Strontium	86-1	89.58	88.94	90.01	89.51	0.60	ppb
Strontium	88-1	93.36	92.90	93.02	93.09	0.26	ppb
Sulfur	34-1	92917.11	94138.12	92971.09	93342.11	0.74	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	20.17	20.21	20.37	20.25	0.53	ppb
Thallium	205-1	20.36	20.45	20.49	20.43	0.32	ppb
Tin	118-1	57.07	57.40	57.58	57.35	0.45	ppb
Titanium	47-1	2035.63	1993.51	2044.71	2024.62	1.35	ppb
Uranium	238-1	57.97	58.14	58.67	58.26	0.62	ppb
Vanadium	51-2	19.36	19.58	18.57	19.17	2.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	31.97	30.60	31.62	31.40	2.26	ppb
Zirconium	90-1	60.33	60.09	60.75	60.39	0.55	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	59.42	60.76	59.38	59.86	1.31	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52220.66	51617.69	51359.09	51732.48	0.85	ppb
Antimony	121-1	512.16	504.26	503.53	506.65	0.94	ppb
Arsenic	75-2	492.70	502.05	503.96	499.57	1.21	ppb
Barium	135-1	2550.00	2550.66	2543.91	2548.19	0.15	ppb
Barium	137-1	2501.47	2532.23	2517.95	2517.22	0.61	ppb
Beryllium	9-1	521.47	525.41	519.32	522.07	0.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	502.66	517.84	532.23	517.58	2.86	ppb
Boron	11-1	502.99	515.86	520.16	513.00	1.74	ppb
Cadmium	111-1	485.84	489.45	491.96	489.08	0.63	ppb
Cadmium	106-1	482.97	496.86	507.58	495.80	2.49	ppb
Cadmium	108-1	490.50	489.31	499.85	493.22	1.17	ppb
Calcium	43-1	241910.05	247007.69	243662.38	244193.37	1.06	ppb
Calcium	44-1	240129.37	244059.14	243582.56	242590.36	0.88	ppb
Chromium	52-2	509.85	505.32	503.36	506.18	0.66	ppb
Cobalt	59-2	500.81	492.53	491.70	495.01	1.02	ppb
Copper	63-2	976.54	966.70	969.21	970.82	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	128935.55	127433.62	127917.84	128095.67	0.60	ppb
Iron	57-2	127034.94	126015.84	126494.76	126515.18	0.40	ppb
Lead	206-1	513.98	518.99	519.62	517.53	0.60	ppb
Lead	207-1	519.29	520.92	526.63	522.28	0.74	ppb
Lead	208-1	520.24	520.34	521.14	520.57	0.09	ppb
Lithium	6-1				91		%
Magnesium	24-2	252805.87	255481.25	251700.19	253329.10	0.77	ppb
Manganese	55-2	1009.95	994.27	1000.90	1001.71	0.79	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2533.96	2533.59	2521.61	2529.72	0.28	ppb
Molybdenum	95-1	2536.73	2552.57	2536.21	2541.83	0.37	ppb
Molybdenum	96-1	2550.62	2552.43	2544.67	2549.24	0.16	ppb
Molybdenum	97-1	2563.30	2545.73	2542.25	2550.42	0.44	ppb
Molybdenum	98-1	2515.87	2521.70	2550.64	2529.41	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.47	492.55	490.87	493.96	0.81	ppb
Phosphorus	31-2	10437.92	10086.46	9464.23	9996.20	4.93	ppb
Potassium	39-2	130558.55	127950.84	127073.34	128527.58	1.41	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	500.22	624.63	580.74	568.53	11.10	ppb
Selenium	78-2	524.32	501.38	489.41	505.04	3.51	ppb
Selenium	82-1	499.67	498.08	503.60	500.45	0.57	ppb
Silicon	28-1	495.53	507.06	513.00	505.20	1.76	ppb
Silver	109-1	498.39	497.50	500.66	498.85	0.33	ppb
Silver	107-1	500.92	497.17	498.09	498.73	0.39	ppb
Sodium	23-2	256846.40	254653.17	252798.64	254766.07	0.80	ppb
Strontium	86-1	508.73	501.63	508.18	506.18	0.78	ppb
Strontium	88-1	513.89	516.24	517.41	515.85	0.35	ppb
Sulfur	34-1	9144.69	9668.85	9725.89	9513.15	3.37	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	528.16	519.24	529.88	525.76	1.09	ppb
Thallium	205-1	516.03	515.13	517.08	516.08	0.19	ppb
Tin	118-1	511.64	509.05	509.27	509.98	0.28	ppb
Titanium	47-1	2523.74	2575.41	2551.16	2550.10	1.01	ppb
Uranium	238-1	524.51	518.40	520.58	521.16	0.59	ppb
Vanadium	51-2	507.53	503.60	497.68	502.94	0.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	981.65	969.95	982.05	977.89	0.70	ppb
Zirconium	90-1	509.17	506.71	510.74	508.87	0.40	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.60	496.76	495.94	496.10	0.12	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:15:41	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	-2.10	1.27	0.14	1344.43	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	0.79	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	645.73	ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.28	0.42	0.30	0.33	22.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	17.75	16.67	15.17	16.53	7.84	ppb
Boron	11-1	16.36	14.91	14.03	15.10	7.78	ppb
Cadmium	111-1	0.03	0.02	-0.02	0.01	329.21	ppb
Cadmium	106-1	0.02	0.03	-0.45	-0.13		ppb
Cadmium	108-1	0.06	-0.09	-0.05	-0.03		ppb
Calcium	43-1	-1.47	-2.85	-7.87	-4.06		ppb
Calcium	44-1	-31.74	-34.94	-31.84	-32.84		ppb
Chromium	52-2	-0.08	0.00	-0.13	-0.07		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	8317.01	ppb
Copper	63-2	-0.03	-0.05	-0.04	-0.04		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				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	5.34	5.06	4.59	5.00	7.59	ppb
Iron	57-2	3.41	1.48	2.41	2.43	39.68	ppb
Lead	206-1	0.11	0.15	0.10	0.12	22.14	ppb
Lead	207-1	0.14	0.12	0.13	0.13	9.45	ppb
Lead	208-1	0.13	0.12	0.12	0.12	6.14	ppb
Lithium	6-1				93		%
Magnesium	24-2	-42.52	-48.02	-43.95	-44.83		ppb
Manganese	55-2	-0.03	0.00	-0.05	-0.03		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:15:41	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.12	0.12	0.12	3.00	ppb
Molybdenum	95-1	0.19	0.16	0.27	0.21	26.62	ppb
Molybdenum	96-1	0.20	0.19	0.16	0.18	10.26	ppb
Molybdenum	97-1	0.17	0.12	0.16	0.15	18.07	ppb
Molybdenum	98-1	0.15	0.19	0.12	0.15	23.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	-0.03	-0.03	0.01	737.89	ppb
Phosphorus	31-2	0.85	1.10	-22.27	-6.77		ppb
Potassium	39-2	-14.33	2.48	-8.85	-6.90		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	1.56	-0.30	-0.30	0.32	333.70	ppb
Selenium	82-1	-0.44	-0.69	-1.19	-0.77		ppb
Silicon	28-1	-12.15	-14.18	-16.17	-14.17		ppb
Silver	109-1	0.72	0.69	0.59	0.67	10.31	ppb
Silver	107-1	0.77	0.67	0.70	0.71	6.93	ppb
Sodium	23-2	-122.29	-123.60	-125.85	-123.92		ppb
Strontium	86-1	-0.15	-0.12	-0.02	-0.10		ppb
Strontium	88-1	-0.04	-0.04	-0.04	-0.04		ppb
Sulfur	34-1	-1365.17	-1644.06	-1692.95	-1567.39		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.11	0.09	0.10	11.45	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	11.00	ppb
Tin	118-1	0.04	0.08	0.06	0.06	30.03	ppb
Titanium	47-1	0.08	0.03	0.06	0.06	51.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	321.56	ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.00	-0.03	0.06	0.01	375.05	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	31.66	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:15:41	DataFile Name :	019CCBE.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.71	19.44	9.39	13.85	36.99	ppb
Antimony	121-1	1.88	1.87	1.85	1.87	0.93	ppb
Arsenic	75-2	1.04	1.05	0.91	1.00	8.16	ppb
Barium	135-1	9.16	9.00	9.11	9.09	0.89	ppb
Barium	137-1	8.84	8.89	8.82	8.85	0.45	ppb
Beryllium	9-1	1.14	1.20	1.20	1.18	3.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	27.01	29.89	32.21	29.70	8.77	ppb
Boron	11-1	30.07	28.38	29.70	29.38	3.02	ppb
Cadmium	111-1	0.90	0.87	0.86	0.88	2.44	ppb
Cadmium	106-1	1.42	0.25	0.42	0.70	90.64	ppb
Cadmium	108-1	1.13	0.81	1.01	0.98	16.39	ppb
Calcium	43-1	431.81	406.46	429.42	422.56	3.31	ppb
Calcium	44-1	396.78	401.09	404.20	400.69	0.93	ppb
Chromium	52-2	1.68	1.85	1.86	1.80	5.47	ppb
Cobalt	59-2	0.89	0.93	0.95	0.92	3.61	ppb
Copper	63-2	1.71	1.55	1.89	1.72	10.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	50.46	49.49	50.03	49.99	0.97	ppb
Iron	57-2	50.91	46.41	44.48	47.27	6.98	ppb
Lead	206-1	1.07	0.94	1.00	1.00	6.52	ppb
Lead	207-1	0.95	0.92	0.91	0.93	1.97	ppb
Lead	208-1	0.98	0.95	0.94	0.96	2.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	398.55	405.83	442.56	415.65	5.68	ppb
Manganese	55-2	0.83	0.84	0.83	0.83	0.56	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.75	4.61	4.53	4.63	2.40	ppb
Molybdenum	95-1	4.57	4.46	4.48	4.51	1.30	ppb
Molybdenum	96-1	4.68	4.50	4.60	4.59	1.98	ppb
Molybdenum	97-1	4.36	4.07	4.38	4.27	4.05	ppb
Molybdenum	98-1	4.45	4.39	4.56	4.46	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.08	1.06	1.03	6.40	ppb
Phosphorus	31-2	-22.27	23.23	0.26	0.41	5610.85	ppb
Potassium	39-2	449.89	460.04	467.51	459.14	1.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	2.08	2.11	-3.85	0.12	2953.60	ppb
Selenium	78-2	3.37	3.39	3.41	3.39	0.68	ppb
Selenium	82-1	3.65	3.97	4.02	3.88	5.27	ppb
Silicon	28-1	0.43	0.70	0.71	0.61	26.25	ppb
Silver	109-1	1.03	1.04	1.02	1.03	1.18	ppb
Silver	107-1	1.05	1.00	1.05	1.04	2.78	ppb
Sodium	23-2	311.08	284.56	278.64	291.43	5.93	ppb
Strontium	86-1	0.87	0.81	0.78	0.82	5.29	ppb
Strontium	88-1	0.94	0.87	0.90	0.90	3.88	ppb
Sulfur	34-1	-1602.49	-1468.68	-1383.48	-1484.89		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.96	1.03	0.90	0.96	6.41	ppb
Thallium	205-1	0.99	0.94	0.95	0.96	2.97	ppb
Tin	118-1	4.33	4.43	4.37	4.38	1.21	ppb
Titanium	47-1	4.20	4.25	4.20	4.22	0.70	ppb
Uranium	238-1	0.87	0.81	0.86	0.85	4.03	ppb
Vanadium	51-2	3.91	4.21	4.13	4.08	3.82	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2.35	2.20	2.58	2.38	8.13	ppb
Zirconium	90-1	0.96	0.92	0.99	0.96	4.10	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.86	0.88	0.88	3.21	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:38:51	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.10	-2.10	1.10	-1.04		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	27.09	ppb
Arsenic	75-2	-0.01	-0.01	0.04	0.01	365.37	ppb
Barium	135-1	-0.03	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	23.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	2.35	2.25	3.09	2.56	17.84	ppb
Boron	11-1	1.88	2.41	2.34	2.21	13.14	ppb
Cadmium	111-1	-0.02	-0.08	-0.02	-0.04		ppb
Cadmium	106-1	-0.28	-1.12	-0.25	-0.55		ppb
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Calcium	43-1	-7.27	4.33	-4.21	-2.39		ppb
Calcium	44-1	-42.60	-43.78	-43.03	-43.14		ppb
Chromium	52-2	0.00	-0.03	0.03	0.00	2271.15	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.05	-0.06	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.26	-0.21	-0.18	-0.04		ppb
Iron	57-2	-0.81	-1.31	-1.25	-1.12		ppb
Lead	206-1	0.01	-0.01	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.01	-0.01	0.00	0.00		ppb
Lithium	6-1				100		%
Magnesium	24-2	-23.42	-26.17	-22.76	-24.11		ppb
Manganese	55-2	-0.04	-0.04	0.01	-0.02		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:38:51	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	0.01	0.00		ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	96-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	97-1	-0.02	0.00	-0.03	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.16	-0.12	-0.15		ppb
Phosphorus	31-2	-22.27	-22.27	-0.31	-14.95		ppb
Potassium	39-2	-24.66	-10.97	8.99	-8.88		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	1.47	1.48	1.50	1.48	0.95	ppb
Selenium	82-1	0.41	-0.43	-0.68	-0.23		ppb
Silicon	28-1	-14.07	-14.74	-12.71	-13.84		ppb
Silver	109-1	1.23	0.02	0.03	0.43	163.98	ppb
Silver	107-1	0.03	0.05	0.02	0.04	41.51	ppb
Sodium	23-2	-145.05	-159.50	-149.81	-151.45		ppb
Strontium	86-1	-0.03	-0.12	-0.10	-0.08		ppb
Strontium	88-1	-0.04	-0.04	-0.04	-0.04		ppb
Sulfur	34-1	-932.58	-624.05	-585.99	-714.21		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.02	0.01	108.90	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	534.77	ppb
Tin	118-1	0.01	0.01	0.01	0.01	12.68	ppb
Titanium	47-1	-0.01	0.05	0.02	0.02	157.42	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.02	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	-0.10	0.02	-0.07		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:38:51	DataFile Name :	021CCBE.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.58	45.55	55.32	50.82	9.71	ppb
Antimony	121-1	3.68	3.75	3.71	3.71	0.83	ppb
Arsenic	75-2	2.19	1.84	1.95	1.99	8.86	ppb
Barium	135-1	19.37	18.73	19.25	19.12	1.77	ppb
Barium	137-1	18.95	18.64	18.56	18.72	1.09	ppb
Beryllium	9-1	1.82	2.04	2.08	1.98	7.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	41.69	47.04	51.00	46.58	10.03	ppb
Boron	11-1	45.80	49.27	47.49	47.52	3.65	ppb
Cadmium	111-1	1.86	1.88	1.88	1.88	0.66	ppb
Cadmium	106-1	1.70	1.41	2.32	1.81	25.52	ppb
Cadmium	108-1	2.04	1.47	1.43	1.65	20.55	ppb
Calcium	43-1	922.13	911.33	914.54	916.00	0.61	ppb
Calcium	44-1	882.61	858.57	863.59	868.26	1.46	ppb
Chromium	52-2	3.85	4.00	3.89	3.91	1.99	ppb
Cobalt	59-2	1.94	1.80	1.87	1.87	3.66	ppb
Copper	63-2	3.56	3.64	3.61	3.60	1.04	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				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	446.77	436.58	447.67	443.68	1.39	ppb
Iron	57-2	444.86	479.99	442.06	455.64	4.64	ppb
Lead	206-1	1.89	1.82	1.83	1.85	1.99	ppb
Lead	207-1	1.93	1.83	1.85	1.87	3.00	ppb
Lead	208-1	1.87	1.85	1.86	1.86	0.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	958.06	937.62	924.81	940.16	1.78	ppb
Manganese	55-2	1.86	2.09	1.93	1.96	6.15	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.42	9.32	9.48	9.41	0.89	ppb
Molybdenum	95-1	9.30	9.61	9.03	9.31	3.14	ppb
Molybdenum	96-1	9.45	9.43	9.63	9.50	1.15	ppb
Molybdenum	97-1	9.28	9.40	8.95	9.21	2.54	ppb
Molybdenum	98-1	9.27	9.03	9.39	9.23	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.24	2.05	2.12	5.02	ppb
Phosphorus	31-2	22.39	-22.27	0.90	0.34	6605.11	ppb
Potassium	39-2	955.96	901.13	982.69	946.59	4.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	7.85	8.21	14.20	10.09	35.31	ppb
Selenium	78-2	10.53	9.01	13.63	11.06	21.30	ppb
Selenium	82-1	8.98	9.50	9.09	9.19	3.00	ppb
Silicon	28-1	24.30	21.57	24.63	23.50	7.13	ppb
Silver	109-1	1.63	1.56	1.66	1.62	3.12	ppb
Silver	107-1	1.55	1.64	1.66	1.62	3.63	ppb
Sodium	23-2	805.19	828.16	847.44	826.93	2.56	ppb
Strontium	86-1	1.85	1.64	1.67	1.72	6.81	ppb
Strontium	88-1	1.96	1.83	1.92	1.90	3.59	ppb
Sulfur	34-1	-48.93	-379.98	-206.36	-211.76		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	1.83	1.98	1.83	1.88	4.65	ppb
Thallium	205-1	1.95	1.86	1.88	1.90	2.63	ppb
Tin	118-1	9.29	9.51	9.40	9.40	1.15	ppb
Titanium	47-1	9.22	9.74	8.99	9.32	4.11	ppb
Uranium	238-1	1.78	1.81	1.78	1.79	1.00	ppb
Vanadium	51-2	9.32	8.62	8.89	8.94	3.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	3.71	3.60	3.71	3.67	1.67	ppb
Zirconium	90-1	1.96	2.01	1.87	1.95	3.58	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.00	1.90	1.93	1.94	2.48	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.80	27.35	21.03	25.73	16.07	ppb
Antimony	121-1	0.20	0.21	0.20	0.21	3.06	ppb
Arsenic	75-2	0.44	0.63	0.47	0.51	19.98	ppb
Barium	135-1	41.35	42.29	42.70	42.11	1.64	ppb
Barium	137-1	41.90	43.24	43.36	42.83	1.90	ppb
Beryllium	9-1	-0.01	-0.04	-0.02	-0.02		ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	501.07	517.92	528.80	515.93	2.71	ppb
Boron	11-1	504.13	520.16	535.90	520.06	3.05	ppb
Cadmium	111-1	0.00	0.06	0.02	0.03	104.91	ppb
Cadmium	106-1	-0.21	0.42	-0.01	0.07	483.39	ppb
Cadmium	108-1	0.01	-0.03	0.14	0.04	216.59	ppb
Calcium	43-1	116702.12	114795.68	118740.39	116746.07	1.69	ppb
Calcium	44-1	114972.00	114209.04	116893.62	115358.22	1.20	ppb
Chromium	52-2	5.45	5.08	5.70	5.41	5.76	ppb
Cobalt	59-2	0.29	0.27	0.22	0.26	13.74	ppb
Copper	63-2	1.26	1.19	1.09	1.18	7.19	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				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	41.79	43.03	41.54	42.12	1.90	ppb
Iron	57-2	52.20	36.08	50.16	46.15	19.01	ppb
Lead	206-1	0.24	0.22	0.19	0.22	12.21	ppb
Lead	207-1	0.19	0.22	0.17	0.19	13.36	ppb
Lead	208-1	0.23	0.21	0.18	0.21	12.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	41703.83	41380.85	41648.10	41577.59	0.42	ppb
Manganese	55-2	333.52	332.43	331.88	332.61	0.25	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.97	1.97	2.14	2.02	4.90	ppb
Molybdenum	95-1	2.91	2.85	2.90	2.89	1.20	ppb
Molybdenum	96-1	2.72	2.96	3.00	2.89	5.34	ppb
Molybdenum	97-1	2.90	2.89	2.76	2.85	2.73	ppb
Molybdenum	98-1	2.81	2.88	2.86	2.85	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.33	3.88	4.16	4.13	5.55	ppb
Phosphorus	31-2	0.04	0.18	0.39	0.20	87.30	ppb
Potassium	39-2	2207.60	2080.18	2152.97	2146.92	2.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-3.85	1.86	1.85	-0.05		ppb
Selenium	78-2	1.46	-0.30	0.58	0.58	151.36	ppb
Selenium	82-1	-0.76	0.18	-0.37	-0.32		ppb
Silicon	28-1	13874.54	13660.52	14092.14	13875.73	1.56	ppb
Silver	109-1	1.41	1.47	1.55	1.48	4.80	ppb
Silver	107-1	1.46	1.45	1.45	1.46	0.33	ppb
Sodium	23-2	38471.43	38509.45	38051.85	38344.24	0.66	ppb
Strontium	86-1	193.75	193.93	194.73	194.14	0.27	ppb
Strontium	88-1	199.83	200.62	201.50	200.65	0.41	ppb
Sulfur	34-1	10498.57	10039.37	11118.66	10552.20	5.13	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.10	0.12	0.12	15.00	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	11.65	ppb
Tin	118-1	-0.08	-0.09	-0.10	-0.09		ppb
Titanium	47-1	1.09	1.47	0.67	1.08	37.37	ppb
Uranium	238-1	1.22	1.25	1.23	1.23	1.45	ppb
Vanadium	51-2	5.34	4.92	5.29	5.18	4.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	37.50	34.65	34.64	35.60	4.62	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	25.42	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	-0.01	0.01	218.33	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	142.27	157.80	151.07	150.38	5.18	ppb
Antimony	121-1	0.15	0.09	0.11	0.12	25.25	ppb
Arsenic	75-2	0.32	0.44	0.28	0.35	23.46	ppb
Barium	135-1	17.66	14.89	14.87	15.81	10.14	ppb
Barium	137-1	17.04	15.37	14.87	15.76	7.23	ppb
Beryllium	9-1	0.04	-0.03	-0.07	-0.02		ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	287.19	255.41	264.97	269.19	6.06	ppb
Boron	11-1	282.72	259.64	260.03	267.46	4.94	ppb
Cadmium	111-1	0.02	0.07	0.05	0.05	50.52	ppb
Cadmium	106-1	-1.26	-0.17	-0.16	-0.53		ppb
Cadmium	108-1	0.02	0.00	-0.03	0.00		ppb
Calcium	43-1	101782.22	89118.46	86716.27	92538.99	8.75	ppb
Calcium	44-1	100638.34	86847.65	85230.95	90905.65	9.31	ppb
Chromium	52-2	2.53	2.61	2.44	2.53	3.37	ppb
Cobalt	59-2	2.58	2.74	2.73	2.68	3.28	ppb
Copper	63-2	1.62	1.75	1.84	1.74	6.38	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				114		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	287.99	295.79	297.28	293.69	1.70	ppb
Iron	57-2	300.66	290.30	277.11	289.36	4.08	ppb
Lead	206-1	0.16	0.14	0.15	0.15	4.49	ppb
Lead	207-1	0.17	0.15	0.10	0.14	26.12	ppb
Lead	208-1	0.18	0.16	0.13	0.16	13.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	35884.78	35736.89	36093.65	35905.11	0.50	ppb
Manganese	55-2	3006.92	3007.74	3033.24	3015.96	0.50	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.29	0.98	1.06	1.11	14.59	ppb
Molybdenum	95-1	1.59	1.36	1.33	1.43	9.92	ppb
Molybdenum	96-1	1.39	1.18	1.17	1.25	10.00	ppb
Molybdenum	97-1	1.36	1.36	1.24	1.32	5.19	ppb
Molybdenum	98-1	1.55	1.31	1.11	1.32	16.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.23	3.19	2.87	3.10	6.45	ppb
Phosphorus	31-2	22.77	22.52	-22.27	7.67	337.99	ppb
Potassium	39-2	1199.42	1244.78	1235.29	1226.50	1.95	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-3.85	1.74	-3.85	-1.98		ppb
Selenium	78-2	4.99	0.56	-0.30	1.75	161.93	ppb
Selenium	82-1	-0.22	-0.29	-0.80	-0.44		ppb
Silicon	28-1	16049.27	13773.40	13616.57	14479.75	9.40	ppb
Silver	109-1	2.30	1.46	1.33	1.70	30.92	ppb
Silver	107-1	2.10	1.34	1.28	1.58	28.97	ppb
Sodium	23-2	20999.66	20727.45	20916.51	20881.21	0.67	ppb
Strontium	86-1	152.51	132.84	131.20	138.85	8.54	ppb
Strontium	88-1	158.47	138.61	135.47	144.18	8.65	ppb
Sulfur	34-1	7828.02	4405.59	4342.60	5525.40	36.09	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.06	0.05	0.06	10.33	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	31.32	ppb
Tin	118-1	-0.02	-0.05	-0.06	-0.04		ppb
Titanium	47-1	7.25	5.58	5.44	6.09	16.50	ppb
Uranium	238-1	1.33	1.18	1.12	1.21	8.73	ppb
Vanadium	51-2	4.67	4.73	4.66	4.68	0.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	3.54	3.60	3.50	3.55	1.42	ppb
Zirconium	90-1	0.11	0.09	0.10	0.10	12.93	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.07	0.08	0.08	11.97	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	8.00	1.73	3.63	104.78	ppb
Antimony	121-1	0.05	0.07	0.07	0.06	16.86	ppb
Arsenic	75-2	-0.01	0.06	0.02	0.02	137.05	ppb
Barium	135-1	0.00	0.02	0.01	0.01	96.73	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.03	0.01	-0.02	-0.01		ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	17.28	16.12	16.27	16.56	3.82	ppb
Boron	11-1	17.37	16.56	16.49	16.81	2.89	ppb
Cadmium	111-1	0.07	0.10	0.00	0.06	86.87	ppb
Cadmium	106-1	0.86	1.12	-0.08	0.64	99.92	ppb
Cadmium	108-1	0.00	-0.03	-0.13	-0.05		ppb
Calcium	43-1	3.33	2.46	-5.53	0.09	5493.74	ppb
Calcium	44-1	-25.79	-23.07	-20.94	-23.27		ppb
Chromium	52-2	0.23	0.17	0.32	0.24	31.45	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.19	0.16	0.30	0.22	34.89	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				116		%
Holmium	165-2				100		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	1.30	1.36	2.38	1.68	36.08	ppb
Iron	57-2	-1.21	1.91	3.37	1.36	172.15	ppb
Lead	206-1	26.09	26.08	26.03	26.07	0.13	ppb
Lead	207-1	22.70	22.74	23.07	22.84	0.91	ppb
Lead	208-1	24.17	24.21	24.22	24.20	0.12	ppb
Lithium	6-1				107		%
Magnesium	24-2	-12.79	-24.67	-20.67	-19.38		ppb
Manganese	55-2	0.28	0.14	0.33	0.25	39.90	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.05	-0.04	-0.03		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.03	-0.03	-0.02		ppb
Molybdenum	97-1	0.00	-0.03	-0.01	-0.01		ppb
Molybdenum	98-1	-0.02	-0.01	-0.03	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.49	0.70	0.59	18.21	ppb
Phosphorus	31-2	-22.27	-22.27	-22.27	-22.27		ppb
Potassium	39-2	-41.80	7.43	27.98	-2.13		ppb
Rhodium	103-1				112		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.57	-0.30	1.76	0.68	152.99	ppb
Selenium	82-1	-0.87	-1.41	-1.08	-1.12		ppb
Silicon	28-1	-43.97	-41.97	-44.36	-43.43		ppb
Silver	109-1	1.17	1.28	1.16	1.20	5.49	ppb
Silver	107-1	1.23	1.37	1.16	1.25	8.68	ppb
Sodium	23-2	-152.88	-155.20	-40.41	-116.16		ppb
Strontium	86-1	-0.07	-0.12	-0.10	-0.10		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-2580.16	-2461.94	-2334.37	-2458.82		ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.38	0.46	0.39	0.41	10.94	ppb
Titanium	47-1	0.06	0.23	-0.02	0.09	142.30	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.06	0.11	0.12	0.10	32.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				97		%
Zinc	66-2	0.91	1.19	1.62	1.24	28.81	ppb
Zirconium	90-1	-0.02	-0.01	0.00	-0.01		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	252.51	211.16	236.09	233.25	8.93	ppb
Antimony	121-1	0.17	0.18	0.18	0.18	4.50	ppb
Arsenic	75-2	2.20	2.17	1.62	2.00	16.27	ppb
Barium	135-1	42.34	41.28	40.41	41.34	2.35	ppb
Barium	137-1	41.58	40.93	41.55	41.35	0.88	ppb
Beryllium	9-1	-0.02	-0.03	0.03	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Boron	10-1	113.80	117.14	124.13	118.35	4.46	ppb
Boron	11-1	119.03	114.93	122.93	118.96	3.36	ppb
Cadmium	111-1	-0.04	0.08	-0.01	0.01	528.79	ppb
Cadmium	106-1	-0.83	0.68	-0.44	-0.19		ppb
Cadmium	108-1	-0.06	0.00	-0.06	-0.04		ppb
Calcium	43-1	105090.09	105211.34	105564.06	105288.50	0.23	ppb
Calcium	44-1	103762.33	103827.41	103397.57	103662.44	0.22	ppb
Chromium	52-2	6.00	5.62	6.30	5.97	5.68	ppb
Cobalt	59-2	1.16	1.19	1.21	1.19	2.08	ppb
Copper	63-2	4.04	4.15	4.05	4.08	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	2718.66	2704.05	2742.51	2721.74	0.71	ppb
Iron	57-2	2600.28	2717.25	2731.68	2683.07	2.69	ppb
Lead	206-1	0.88	0.93	0.92	0.91	3.08	ppb
Lead	207-1	0.84	0.83	0.83	0.83	0.62	ppb
Lead	208-1	0.84	0.87	0.87	0.86	2.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	32247.61	32244.91	32616.12	32369.55	0.66	ppb
Manganese	55-2	623.23	627.92	630.96	627.37	0.62	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.33	1.30	1.41	1.35	3.94	ppb
Molybdenum	95-1	1.42	1.29	1.40	1.37	5.17	ppb
Molybdenum	96-1	1.39	1.36	1.41	1.38	1.80	ppb
Molybdenum	97-1	1.38	1.40	1.34	1.37	2.12	ppb
Molybdenum	98-1	1.39	1.37	1.36	1.37	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.83	5.97	5.83	2.42	ppb
Phosphorus	31-2	0.12	45.26	23.77	23.05	97.96	ppb
Potassium	39-2	1812.75	1809.49	1880.89	1834.38	2.20	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	-3.85	1.74	-3.85	-1.99		ppb
Selenium	78-2	-0.30	0.56	-0.30	-0.01		ppb
Selenium	82-1	-1.03	-0.84	-0.53	-0.80		ppb
Silicon	28-1	7556.89	7508.09	7481.08	7515.36	0.51	ppb
Silver	109-1	1.27	1.31	1.33	1.30	2.21	ppb
Silver	107-1	1.27	1.22	1.32	1.27	3.87	ppb
Sodium	23-2	39733.07	39673.86	40700.34	40035.76	1.44	ppb
Strontium	86-1	326.12	318.20	324.88	323.07	1.32	ppb
Strontium	88-1	333.55	328.30	331.25	331.03	0.79	ppb
Sulfur	34-1	13431.82	13585.25	13365.12	13460.73	0.84	ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.08	-0.07	-0.05	-0.07		ppb
Titanium	47-1	9.80	7.22	6.83	7.95	20.29	ppb
Uranium	238-1	1.40	1.44	1.40	1.41	1.90	ppb
Vanadium	51-2	0.97	0.90	0.88	0.92	4.98	ppb
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	9.90	9.63	10.89	10.14	6.55	ppb
Zirconium	90-1	0.24	0.22	0.37	0.28	29.58	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.24	0.18	0.22	18.14	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.64	90.14	83.35	83.71	7.48	ppb
Antimony	121-1	0.28	0.28	0.25	0.27	6.68	ppb
Arsenic	75-2	0.29	0.19	0.05	0.18	67.29	ppb
Barium	135-1	34.49	33.76	34.47	34.24	1.22	ppb
Barium	137-1	34.36	34.22	34.46	34.35	0.36	ppb
Beryllium	9-1	-0.05	-0.02	-0.01	-0.03		ppb
Bismuth	209-1				120		%
Bismuth	209-2				112		%
Boron	10-1	208.82	210.34	208.11	209.09	0.54	ppb
Boron	11-1	202.64	210.66	216.11	209.81	3.23	ppb
Cadmium	111-1	0.02	0.15	0.09	0.09	72.79	ppb
Cadmium	106-1	-0.23	0.98	0.34	0.37	165.01	ppb
Cadmium	108-1	0.18	0.00	0.00	0.06	172.19	ppb
Calcium	43-1	95630.21	96036.93	94400.38	95355.84	0.89	ppb
Calcium	44-1	94578.00	95957.91	94326.16	94954.03	0.93	ppb
Chromium	52-2	5.99	5.45	5.69	5.71	4.77	ppb
Cobalt	59-2	26.11	25.25	26.16	25.84	1.98	ppb
Copper	63-2	5.28	5.02	5.02	5.11	2.88	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				122		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				104		%
Iron	56-2	473.37	475.11	479.06	475.85	0.61	ppb
Iron	57-2	493.62	473.80	473.29	480.24	2.41	ppb
Lead	206-1	0.21	0.18	0.17	0.19	10.25	ppb
Lead	207-1	0.16	0.16	0.18	0.16	6.43	ppb
Lead	208-1	0.18	0.18	0.18	0.18	1.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	33039.92	31803.54	32036.86	32293.44	2.03	ppb
Manganese	55-2	36.94	35.24	34.62	35.60	3.37	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.64	4.47	4.59	4.57	1.87	ppb
Molybdenum	95-1	6.27	6.29	6.18	6.25	0.95	ppb
Molybdenum	96-1	6.29	6.16	6.32	6.26	1.32	ppb
Molybdenum	97-1	6.35	6.32	6.32	6.33	0.30	ppb
Molybdenum	98-1	6.20	6.18	6.16	6.18	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.85	8.57	8.39	8.27	4.50	ppb
Phosphorus	31-2	0.05	21.38	21.99	14.47	86.32	ppb
Potassium	39-2	3168.15	3086.66	3057.69	3104.17	1.85	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	-0.30	0.55	0.57	0.27	180.79	ppb
Selenium	82-1	-0.60	-0.86	-1.18	-0.88		ppb
Silicon	28-1	7319.52	7401.06	7209.35	7309.98	1.32	ppb
Silver	109-1	1.61	1.51	1.55	1.56	3.31	ppb
Silver	107-1	1.61	1.53	1.54	1.56	2.69	ppb
Sodium	23-2	43015.91	41942.33	41720.84	42226.36	1.64	ppb
Strontium	86-1	275.22	272.83	276.71	274.92	0.71	ppb
Strontium	88-1	284.97	282.25	282.97	283.40	0.50	ppb
Sulfur	34-1	6521.77	6686.09	6507.36	6571.74	1.51	ppb
Terbium	159-1				120		%
Terbium	159-2				111		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.12	-0.14	-0.12	-0.13		ppb
Titanium	47-1	1.27	1.74	3.47	2.16	53.68	ppb
Uranium	238-1	2.80	2.76	2.79	2.78	0.74	ppb
Vanadium	51-2	0.86	0.72	0.75	0.78	9.53	ppb
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	9.84	8.66	9.18	9.22	6.44	ppb
Zirconium	90-1	0.09	0.07	0.06	0.07	23.56	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.11	0.08	35.87	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	287.84	224.40	262.34	258.19	12.36	ppb
Antimony	121-1	0.15	0.15	0.14	0.14	3.92	ppb
Arsenic	75-2	0.41	0.51	0.61	0.51	19.12	ppb
Barium	135-1	42.53	42.19	42.55	42.43	0.47	ppb
Barium	137-1	42.17	42.07	42.22	42.15	0.18	ppb
Beryllium	9-1	-0.02	0.00	-0.05	-0.02		ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	644.78	661.93	682.91	663.20	2.88	ppb
Boron	11-1	655.39	651.93	684.71	664.01	2.71	ppb
Cadmium	111-1	0.10	0.09	0.03	0.07	52.11	ppb
Cadmium	106-1	0.79	0.37	-0.50	0.22	296.30	ppb
Cadmium	108-1	0.00	-0.03	0.03	0.00		ppb
Calcium	43-1	85097.23	87083.75	84205.35	85462.11	1.72	ppb
Calcium	44-1	83851.75	85533.18	84341.18	84575.37	1.02	ppb
Chromium	52-2	2.32	2.15	2.47	2.31	6.87	ppb
Cobalt	59-2	1.13	1.07	1.06	1.09	3.76	ppb
Copper	63-2	2.60	2.69	2.95	2.74	6.63	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				123		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	56-2	447.46	454.28	452.76	451.50	0.79	ppb
Iron	57-2	450.58	460.02	455.94	455.51	1.04	ppb
Lead	206-1	0.49	0.48	0.46	0.48	2.72	ppb
Lead	207-1	0.45	0.41	0.39	0.42	7.69	ppb
Lead	208-1	0.47	0.43	0.44	0.45	4.58	ppb
Lithium	6-1				109		%
Magnesium	24-2	35433.37	35682.12	35590.09	35568.53	0.35	ppb
Manganese	55-2	587.37	578.38	583.69	583.15	0.77	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.96	1.00	0.96	0.97	2.21	ppb
Molybdenum	95-1	1.21	1.10	1.10	1.14	5.52	ppb
Molybdenum	96-1	1.13	1.05	1.05	1.08	4.13	ppb
Molybdenum	97-1	1.11	0.99	1.16	1.09	7.69	ppb
Molybdenum	98-1	1.06	1.15	1.19	1.13	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.30	5.79	5.73	5.61	4.79	ppb
Phosphorus	31-2	66.63	91.18	113.80	90.54	26.06	ppb
Potassium	39-2	2379.82	2413.12	2367.90	2386.95	0.98	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	7.30	-3.85	-3.85	-0.13		ppb
Selenium	78-2	1.42	1.46	0.58	1.15	43.08	ppb
Selenium	82-1	-1.11	-0.73	-1.71	-1.19		ppb
Silicon	28-1	14458.64	14703.83	14497.42	14553.30	0.91	ppb
Silver	109-1	1.50	1.26	1.39	1.38	8.64	ppb
Silver	107-1	1.37	1.39	1.30	1.35	3.39	ppb
Sodium	23-2	151886.48	152560.39	154522.26	152989.71	0.90	ppb
Strontium	86-1	178.96	176.90	175.29	177.05	1.04	ppb
Strontium	88-1	184.64	183.23	183.25	183.70	0.44	ppb
Sulfur	34-1	6026.73	6456.31	6461.79	6314.94	3.95	ppb
Terbium	159-1				122		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	0.00	0.01	0.00	383.41	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.11	-0.09	-0.09	-0.10		ppb
Titanium	47-1	6.49	6.21	6.48	6.39	2.54	ppb
Uranium	238-1	1.48	1.50	1.51	1.50	0.93	ppb
Vanadium	51-2	6.84	6.56	6.59	6.66	2.28	ppb
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	6.18	7.49	6.99	6.88	9.54	ppb
Zirconium	90-1	0.10	0.11	0.14	0.12	14.88	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.16	0.12	26.62	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	1.19	4.50	2.30	83.10	ppb
Antimony	121-1	0.06	0.09	0.09	0.08	20.71	ppb
Arsenic	75-2	0.04	-0.01	-0.01	0.01	346.16	ppb
Barium	135-1	0.06	0.04	0.03	0.04	38.91	ppb
Barium	137-1	0.06	0.09	0.07	0.07	25.07	ppb
Beryllium	9-1	-0.01	-0.04	-0.06	-0.04		ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	27.92	23.88	26.71	26.17	7.93	ppb
Boron	11-1	28.51	27.56	25.08	27.05	6.54	ppb
Cadmium	111-1	-0.01	0.07	0.03	0.03	126.09	ppb
Cadmium	106-1	-0.45	0.77	0.21	0.18	342.72	ppb
Cadmium	108-1	0.00	-0.09	-0.13	-0.07		ppb
Calcium	43-1	23.61	36.96	33.04	31.20	21.99	ppb
Calcium	44-1	19.25	15.30	18.30	17.62	11.69	ppb
Chromium	52-2	0.17	0.11	-0.01	0.09	100.48	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.28	0.26	0.27	0.27	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	8.49	7.57	8.03	8.03	5.74	ppb
Iron	57-2	6.19	7.11	9.60	7.63	23.13	ppb
Lead	206-1	0.01	0.02	0.02	0.02	30.91	ppb
Lead	207-1	0.00	0.01	0.00	0.00	162.62	ppb
Lead	208-1	0.01	0.01	0.01	0.01	11.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	-25.82	-18.37	-23.75	-22.65		ppb
Manganese	55-2	0.82	1.08	0.75	0.88	19.67	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	-0.04	-0.01	-0.03		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	97-1	-0.03	-0.01	-0.01	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-22.27	-22.27	-22.27	-22.27		ppb
Potassium	39-2	-24.52	-19.56	-22.29	-22.12		ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.60	-0.30	0.60	0.30	171.86	ppb
Selenium	82-1	-1.00	-1.46	-1.93	-1.46		ppb
Silicon	28-1	-39.04	-37.20	-38.95	-38.39		ppb
Silver	109-1	1.02	1.09	1.08	1.06	3.36	ppb
Silver	107-1	1.05	1.08	1.15	1.09	4.57	ppb
Sodium	23-2	-134.99	-163.92	-150.38	-149.76		ppb
Strontium	86-1	0.15	0.20	0.17	0.17	16.55	ppb
Strontium	88-1	0.22	0.22	0.23	0.22	2.94	ppb
Sulfur	34-1	-1398.58	-1444.39	-1404.39	-1415.79		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.06	-0.07	-0.04	-0.06		ppb
Titanium	47-1	0.13	0.06	0.15	0.12	39.90	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.09	0.11	0.16	0.12	32.03	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	0.64	0.61	1.11	0.79	35.62	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.37	1.33	30.34	15.01	97.09	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	13.01	ppb
Arsenic	75-2	0.12	0.25	0.21	0.19	34.06	ppb
Barium	135-1	24.19	23.31	23.79	23.76	1.84	ppb
Barium	137-1	23.67	23.34	23.77	23.59	0.96	ppb
Beryllium	9-1	-0.07	-0.03	-0.01	-0.04		ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	424.48	439.02	433.15	432.22	1.69	ppb
Boron	11-1	424.97	427.47	427.06	426.50	0.31	ppb
Cadmium	111-1	0.11	0.03	0.06	0.07	55.92	ppb
Cadmium	106-1	0.20	-0.95	-0.38	-0.38		ppb
Cadmium	108-1	0.00	0.07	0.06	0.04	86.12	ppb
Calcium	43-1	89333.59	89491.03	88903.18	89242.60	0.34	ppb
Calcium	44-1	87594.30	86889.58	88325.00	87602.96	0.82	ppb
Chromium	52-2	4.29	4.07	4.65	4.34	6.73	ppb
Cobalt	59-2	0.79	0.73	0.76	0.76	4.32	ppb
Copper	63-2	1.68	1.71	1.70	1.70	1.00	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				120		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	56-2	345.87	339.45	334.19	339.84	1.72	ppb
Iron	57-2	335.19	357.42	339.14	343.92	3.45	ppb
Lead	206-1	0.17	0.15	0.18	0.17	7.08	ppb
Lead	207-1	0.15	0.14	0.14	0.14	4.94	ppb
Lead	208-1	0.16	0.15	0.16	0.15	3.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	23203.47	22802.56	22873.23	22959.75	0.93	ppb
Manganese	55-2	1902.77	1881.11	1868.37	1884.08	0.92	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.42	0.26	0.34	23.81	ppb
Molybdenum	95-1	0.42	0.48	0.46	0.46	7.23	ppb
Molybdenum	96-1	0.45	0.43	0.41	0.43	5.27	ppb
Molybdenum	97-1	0.46	0.51	0.38	0.45	14.60	ppb
Molybdenum	98-1	0.45	0.41	0.45	0.44	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.18	6.08	5.69	5.99	4.36	ppb
Phosphorus	31-2	1.32	-22.27	24.57	1.21	1940.83	ppb
Potassium	39-2	1571.62	1597.50	1562.93	1577.35	1.14	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	77-2	-3.85	7.85	-3.85	0.05	13069.73	ppb
Selenium	78-2	-0.30	2.41	2.44	1.52	103.62	ppb
Selenium	82-1	-1.70	-1.47	-1.48	-1.55		ppb
Silicon	28-1	13156.43	13251.85	13197.50	13201.92	0.36	ppb
Silver	109-1	1.08	1.02	1.05	1.05	2.53	ppb
Silver	107-1	1.01	1.07	1.00	1.03	3.82	ppb
Sodium	23-2	17120.77	16933.10	16739.42	16931.10	1.13	ppb
Strontium	86-1	190.40	190.58	188.14	189.71	0.72	ppb
Strontium	88-1	197.28	195.78	197.79	196.95	0.53	ppb
Sulfur	34-1	4762.91	5010.58	5231.02	5001.50	4.68	ppb
Terbium	159-1				119		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.95	0.78	0.50	0.74	30.10	ppb
Uranium	238-1	0.43	0.44	0.46	0.44	3.46	ppb
Vanadium	51-2	2.03	1.93	1.90	1.95	3.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	2.80	3.10	2.75	2.88	6.47	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	20.28	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	78.47	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	275.14	317.52	274.32	288.99	8.55	ppb
Antimony	121-1	0.14	0.14	0.12	0.14	8.19	ppb
Arsenic	75-2	0.30	0.52	0.45	0.43	26.64	ppb
Barium	135-1	33.08	33.54	32.80	33.14	1.12	ppb
Barium	137-1	33.18	33.78	33.12	33.36	1.08	ppb
Beryllium	9-1	0.01	-0.05	-0.07	-0.04		ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	1719.36	1791.79	1766.90	1759.35	2.09	ppb
Boron	11-1	1711.41	1783.27	1771.07	1755.25	2.19	ppb
Cadmium	111-1	0.35	0.36	0.27	0.33	16.60	ppb
Cadmium	106-1	0.37	0.13	-0.64	-0.04		ppb
Cadmium	108-1	0.33	0.53	0.20	0.35	46.89	ppb
Calcium	43-1	110179.81	110652.53	109865.66	110232.67	0.36	ppb
Calcium	44-1	108427.10	109640.28	108336.97	108801.45	0.67	ppb
Chromium	52-2	1.86	1.92	1.72	1.83	5.55	ppb
Cobalt	59-2	1.52	1.53	1.66	1.57	4.95	ppb
Copper	63-2	5.68	6.02	5.83	5.84	2.90	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				116		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	56-2	587.38	594.92	607.47	596.59	1.70	ppb
Iron	57-2	560.25	565.81	589.56	571.87	2.72	ppb
Lead	206-1	0.82	0.80	0.83	0.82	1.73	ppb
Lead	207-1	0.70	0.73	0.74	0.72	2.56	ppb
Lead	208-1	0.76	0.78	0.79	0.78	1.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	43734.37	44226.33	44928.63	44296.45	1.35	ppb
Manganese	55-2	5988.47	6061.61	6162.37	6070.82	1.44	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.45	1.32	1.34	1.37	5.27	ppb
Molybdenum	95-1	1.41	1.51	1.50	1.47	3.87	ppb
Molybdenum	96-1	1.40	1.36	1.34	1.36	2.28	ppb
Molybdenum	97-1	1.28	1.38	1.28	1.32	4.44	ppb
Molybdenum	98-1	1.44	1.39	1.45	1.43	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.05	2.78	3.16	3.00	6.56	ppb
Phosphorus	31-2	72.83	1.82	27.00	33.88	106.25	ppb
Potassium	39-2	1725.46	1768.09	1787.07	1760.21	1.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	-3.85	8.35	-3.85	0.22	3246.48	ppb
Selenium	78-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	82-1	-1.00	-1.06	-1.40	-1.15		ppb
Silicon	28-1	15538.48	15578.00	15375.20	15497.23	0.69	ppb
Silver	109-1	1.14	1.08	1.09	1.11	2.90	ppb
Silver	107-1	1.22	1.18	1.12	1.17	4.56	ppb
Sodium	23-2	43850.88	43825.90	44582.00	44086.26	0.97	ppb
Strontium	86-1	193.27	199.94	195.91	196.37	1.71	ppb
Strontium	88-1	201.39	204.62	203.49	203.17	0.81	ppb
Sulfur	34-1	10718.02	10837.22	10796.37	10783.87	0.56	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.00	0.00	2471.56	ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.12	-0.04	-0.09	-0.08		ppb
Titanium	47-1	10.22	11.16	9.91	10.43	6.22	ppb
Uranium	238-1	1.41	1.46	1.42	1.43	1.85	ppb
Vanadium	51-2	6.24	6.33	7.17	6.58	7.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	4.27	4.76	4.24	4.42	6.67	ppb
Zirconium	90-1	0.29	0.29	0.26	0.28	7.32	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.26	0.30	0.25	22.41	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	169.50	148.40	126.02	147.97	14.70	ppb
Antimony	121-1	0.09	0.09	0.10	0.10	6.01	ppb
Arsenic	75-2	0.17	0.10	0.30	0.19	52.54	ppb
Barium	135-1	16.31	16.12	16.41	16.28	0.92	ppb
Barium	137-1	16.16	16.55	16.56	16.42	1.40	ppb
Beryllium	9-1	-0.05	-0.03	-0.01	-0.03		ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	532.49	537.59	530.64	533.57	0.68	ppb
Boron	11-1	514.10	527.83	525.02	522.32	1.39	ppb
Cadmium	111-1	0.05	0.00	0.06	0.04	81.67	ppb
Cadmium	106-1	0.51	-0.31	0.35	0.18	239.85	ppb
Cadmium	108-1	0.00	-0.03	0.04	0.01	561.14	ppb
Calcium	43-1	105540.54	102865.97	104488.39	104298.30	1.29	ppb
Calcium	44-1	102988.52	101757.83	103332.43	102692.93	0.81	ppb
Chromium	52-2	1.94	1.91	1.49	1.78	14.17	ppb
Cobalt	59-2	1.61	1.55	1.61	1.59	2.39	ppb
Copper	63-2	2.27	2.34	2.35	2.32	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	317.52	320.14	320.68	319.45	0.53	ppb
Iron	57-2	310.22	302.85	321.12	311.40	2.95	ppb
Lead	206-1	0.20	0.19	0.19	0.19	0.73	ppb
Lead	207-1	0.19	0.19	0.17	0.19	7.96	ppb
Lead	208-1	0.20	0.20	0.18	0.19	3.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	38960.71	39587.61	38755.07	39101.13	1.11	ppb
Manganese	55-2	21.04	20.88	21.49	21.14	1.48	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.31	0.31	0.32	6.30	ppb
Molybdenum	95-1	0.26	0.25	0.24	0.25	4.88	ppb
Molybdenum	96-1	0.33	0.24	0.24	0.27	19.50	ppb
Molybdenum	97-1	0.23	0.21	0.23	0.22	6.34	ppb
Molybdenum	98-1	0.31	0.29	0.27	0.29	6.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.65	1.43	1.26	1.44	13.66	ppb
Phosphorus	31-2	25.31	2.02	-22.27	1.69	1410.35	ppb
Potassium	39-2	1449.92	1440.05	1345.33	1411.77	4.09	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	-3.85	2.23	2.22	0.20	1753.70	ppb
Selenium	78-2	1.56	1.58	1.57	1.57	0.74	ppb
Selenium	82-1	-1.24	-0.43	-1.41	-1.03		ppb
Silicon	28-1	11728.87	11556.08	11709.52	11664.82	0.81	ppb
Silver	109-1	1.11	1.10	1.09	1.10	1.22	ppb
Silver	107-1	1.13	1.09	1.06	1.10	3.38	ppb
Sodium	23-2	40331.55	40866.31	40190.72	40462.86	0.88	ppb
Strontium	86-1	192.89	193.99	196.05	194.31	0.83	ppb
Strontium	88-1	201.10	200.28	201.53	200.97	0.32	ppb
Sulfur	34-1	16322.78	16143.64	17011.63	16492.68	2.78	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.13	-0.18	-0.16	-0.16		ppb
Titanium	47-1	5.52	5.33	5.73	5.53	3.63	ppb
Uranium	238-1	0.99	0.97	0.97	0.98	1.48	ppb
Vanadium	51-2	3.22	2.83	2.88	2.97	7.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	3.44	4.34	3.74	3.84	11.83	ppb
Zirconium	90-1	0.08	0.09	0.07	0.08	9.08	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.05	0.07	24.77	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.73	134.46	146.39	148.19	9.93	ppb
Antimony	121-1	0.16	0.16	0.15	0.16	3.85	ppb
Arsenic	75-2	0.32	0.17	0.24	0.24	31.07	ppb
Barium	135-1	16.27	16.14	15.74	16.05	1.74	ppb
Barium	137-1	15.92	15.78	15.78	15.83	0.49	ppb
Beryllium	9-1	-0.01	-0.05	-0.02	-0.02		ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	504.76	509.20	518.09	510.68	1.33	ppb
Boron	11-1	493.98	503.90	507.11	501.67	1.36	ppb
Cadmium	111-1	0.00	-0.04	0.04	0.00	1546.22	ppb
Cadmium	106-1	-0.39	-0.91	0.23	-0.36		ppb
Cadmium	108-1	0.00	-0.06	0.04	-0.01		ppb
Calcium	43-1	104970.17	103859.74	104622.09	104484.00	0.54	ppb
Calcium	44-1	103039.38	102483.00	102373.53	102631.97	0.35	ppb
Chromium	52-2	1.97	1.88	2.10	1.98	5.58	ppb
Cobalt	59-2	1.68	1.74	1.73	1.72	1.73	ppb
Copper	63-2	2.24	2.30	2.25	2.26	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	330.47	339.57	328.13	332.72	1.82	ppb
Iron	57-2	300.46	328.53	331.82	320.27	5.38	ppb
Lead	206-1	0.21	0.21	0.19	0.20	6.33	ppb
Lead	207-1	0.20	0.18	0.20	0.19	6.21	ppb
Lead	208-1	0.21	0.21	0.21	0.21	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	38970.74	40096.38	39292.48	39453.20	1.47	ppb
Manganese	55-2	23.29	24.12	23.06	23.49	2.36	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.41	0.33	0.35	13.99	ppb
Molybdenum	95-1	0.27	0.25	0.25	0.26	4.49	ppb
Molybdenum	96-1	0.31	0.29	0.29	0.30	4.68	ppb
Molybdenum	97-1	0.24	0.32	0.24	0.27	18.22	ppb
Molybdenum	98-1	0.32	0.27	0.28	0.29	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	2.03	1.58	1.75	14.01	ppb
Phosphorus	31-2	1.43	2.06	-22.27	-6.26		ppb
Potassium	39-2	1355.56	1391.46	1429.47	1392.16	2.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	-3.85	-3.85	14.55	2.28	465.02	ppb
Selenium	78-2	2.49	1.57	1.59	1.89	27.92	ppb
Selenium	82-1	-0.22	-0.07	-0.58	-0.29		ppb
Silicon	28-1	11789.24	11728.52	11786.29	11768.02	0.29	ppb
Silver	109-1	1.06	1.12	1.06	1.08	3.17	ppb
Silver	107-1	1.07	1.06	1.12	1.08	3.12	ppb
Sodium	23-2	40495.08	41156.67	40467.25	40706.33	0.96	ppb
Strontium	86-1	195.19	193.44	194.74	194.46	0.47	ppb
Strontium	88-1	203.39	199.27	200.08	200.92	1.09	ppb
Sulfur	34-1	16823.42	16476.64	16969.63	16756.56	1.51	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.13	-0.16	-0.13	-0.14		ppb
Titanium	47-1	5.23	5.86	14.21	8.44	59.44	ppb
Uranium	238-1	1.01	0.97	0.99	0.99	1.73	ppb
Vanadium	51-2	3.04	3.06	2.87	2.99	3.51	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	4.41	4.00	3.90	4.10	6.53	ppb
Zirconium	90-1	0.15	0.11	0.10	0.12	21.41	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.11	0.23	0.16	44.33	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.87	40.48	32.30	38.22	13.53	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	13.98	ppb
Arsenic	75-2	0.02	0.00	0.00	0.00	312.02	ppb
Barium	135-1	3.08	3.14	3.32	3.18	3.92	ppb
Barium	137-1	3.48	3.18	3.16	3.27	5.57	ppb
Beryllium	9-1	-0.08	-0.03	0.00	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	144.01	141.86	135.77	140.55	3.04	ppb
Boron	11-1	145.46	137.76	139.08	140.77	2.92	ppb
Cadmium	111-1	0.00	0.05	-0.08	-0.01		ppb
Cadmium	106-1	0.08	0.61	-1.13	-0.15		ppb
Cadmium	108-1	-0.09	-0.02	0.05	-0.02		ppb
Calcium	43-1	20394.78	20015.03	20537.03	20315.62	1.33	ppb
Calcium	44-1	20428.03	20140.90	20440.75	20336.56	0.83	ppb
Chromium	52-2	0.25	0.31	0.31	0.29	11.72	ppb
Cobalt	59-2	0.38	0.34	0.36	0.36	5.76	ppb
Copper	63-2	0.65	0.50	0.51	0.55	15.22	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				106		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	67.64	71.76	67.12	68.84	3.69	ppb
Iron	57-2	65.34	60.60	75.23	67.05	11.14	ppb
Lead	206-1	0.02	0.01	0.01	0.01	35.12	ppb
Lead	207-1	0.02	0.02	0.04	0.02	42.64	ppb
Lead	208-1	0.03	0.02	0.03	0.03	32.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	7785.74	7943.30	7753.97	7827.67	1.30	ppb
Manganese	55-2	4.95	4.83	5.07	4.95	2.42	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.08	0.06	0.08	31.40	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	8.83	ppb
Molybdenum	96-1	0.01	0.05	0.08	0.04	80.65	ppb
Molybdenum	97-1	0.04	0.05	0.02	0.04	30.69	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	28.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.13	-0.02	0.11	111.48	ppb
Phosphorus	31-2	28.03	3.13	2.57	11.24	129.33	ppb
Potassium	39-2	268.92	251.21	257.50	259.21	3.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	4.58	0.68	-0.30	1.65	156.18	ppb
Selenium	82-1	-0.72	-1.41	-1.41	-1.18		ppb
Silicon	28-1	2324.50	2283.72	2303.59	2303.94	0.89	ppb
Silver	109-1	0.09	0.10	0.08	0.09	11.29	ppb
Silver	107-1	0.09	0.10	0.11	0.10	10.20	ppb
Sodium	23-2	7675.75	7715.40	7653.89	7681.68	0.41	ppb
Strontium	86-1	39.16	37.35	37.39	37.96	2.72	ppb
Strontium	88-1	39.31	39.52	39.10	39.31	0.53	ppb
Sulfur	34-1	4143.80	3492.51	3900.80	3845.70	8.56	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	-0.05	-0.06	-0.09	-0.07		ppb
Titanium	47-1	5.04	0.99	1.61	2.54	85.63	ppb
Uranium	238-1	0.19	0.17	0.16	0.18	9.12	ppb
Vanadium	51-2	0.69	0.60	0.61	0.63	7.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.86	0.74	0.72	0.78	9.78	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	44.22	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	37.53	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2095.38	2223.05	2237.51	2185.31	3.58	ppb
Antimony	121-1	101.40	101.55	102.15	101.70	0.39	ppb
Arsenic	75-2	40.83	40.34	41.53	40.90	1.46	ppb
Barium	135-1	2119.38	2122.48	2115.23	2119.03	0.17	ppb
Barium	137-1	2078.54	2057.48	2104.13	2080.05	1.12	ppb
Beryllium	9-1	54.03	55.95	55.74	55.24	1.90	ppb
Bismuth	209-1				120		%
Bismuth	209-2				106		%
Boron	10-1	474.87	500.21	501.08	492.05	3.02	ppb
Boron	11-1	470.79	488.36	489.73	482.96	2.19	ppb
Cadmium	111-1	49.42	50.01	51.38	50.27	2.00	ppb
Cadmium	106-1	46.39	44.49	44.64	45.17	2.34	ppb
Cadmium	108-1	47.26	48.10	46.65	47.34	1.53	ppb
Calcium	43-1	103575.63	103452.51	101527.12	102851.76	1.12	ppb
Calcium	44-1	102059.47	101802.20	101039.08	101633.58	0.52	ppb
Chromium	52-2	215.60	210.88	217.55	214.68	1.60	ppb
Cobalt	59-2	547.63	532.07	544.47	541.39	1.52	ppb
Copper	63-2	275.30	269.08	274.00	272.79	1.20	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				120		%
Holmium	165-2				104		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	1400.63	1345.96	1393.10	1379.90	2.15	ppb
Iron	57-2	1316.15	1299.71	1313.72	1309.86	0.68	ppb
Lead	206-1	20.62	20.18	21.03	20.61	2.06	ppb
Lead	207-1	20.49	20.25	20.69	20.48	1.07	ppb
Lead	208-1	20.53	20.17	20.68	20.46	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	39145.42	38006.82	38755.76	38636.00	1.50	ppb
Manganese	55-2	545.22	529.97	550.51	541.90	1.97	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.37	0.29	0.32	12.11	ppb
Molybdenum	95-1	0.31	0.26	0.32	0.30	11.59	ppb
Molybdenum	96-1	0.33	0.31	0.26	0.30	11.19	ppb
Molybdenum	97-1	0.30	0.34	0.26	0.30	13.58	ppb
Molybdenum	98-1	0.30	0.28	0.27	0.28	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.57	533.04	544.52	542.04	1.49	ppb
Phosphorus	31-2	3.27	47.68	1.24	17.40	150.83	ppb
Potassium	39-2	1387.88	1335.02	1422.31	1381.74	3.18	ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				91		%
Selenium	77-2	122.74	119.60	141.56	127.97	9.28	ppb
Selenium	78-2	113.06	99.54	106.57	106.39	6.35	ppb
Selenium	82-1	108.38	105.77	106.07	106.74	1.34	ppb
Silicon	28-1	11554.10	11416.98	11420.04	11463.71	0.68	ppb
Silver	109-1	43.30	43.89	45.69	44.30	2.81	ppb
Silver	107-1	43.33	44.19	45.88	44.47	2.91	ppb
Sodium	23-2	39997.58	38965.87	39467.71	39477.05	1.31	ppb
Strontium	86-1	189.15	188.49	188.95	188.86	0.18	ppb
Strontium	88-1	195.85	195.91	195.51	195.76	0.11	ppb
Sulfur	34-1	16334.85	15646.65	16359.59	16113.70	2.51	ppb
Terbium	159-1				119		%
Terbium	159-2				103		%
Thallium	203-1	51.61	51.64	51.44	51.56	0.21	ppb
Thallium	205-1	52.33	51.87	52.75	52.32	0.84	ppb
Tin	118-1	-0.19	-0.19	-0.16	-0.18		ppb
Titanium	47-1	3.89	3.73	3.85	3.82	2.10	ppb
Uranium	238-1	0.96	0.93	0.96	0.95	1.73	ppb
Vanadium	51-2	541.57	523.34	535.85	533.59	1.75	ppb
Yttrium	89-1				112		%
Yttrium	89-2				97		%
Zinc	66-2	551.99	534.53	550.66	545.72	1.78	ppb
Zirconium	90-1	0.09	0.08	0.09	0.09	8.19	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.10	0.04	0.07	46.82	ppb

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : I6803-13 Instrumnet Name : P8
 Client Sample ID : MBDYT9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 16:25:37 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1651.81	1558.87	1545.72	1585.47	3.65	ppb
Antimony	121-1	0.17	0.14	0.10	0.13	23.60	ppb
Arsenic	75-2	1.31	0.98	1.36	1.22	17.06	ppb
Barium	135-1	73.65	66.26	63.76	67.89	7.58	ppb
Barium	137-1	73.73	66.19	64.75	68.23	7.07	ppb
Beryllium	9-1	0.00	0.07	0.17	0.08	106.46	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	1110.01	1032.22	1025.61	1055.95	4.45	ppb
Boron	11-1	1117.92	1041.38	1040.06	1066.45	4.18	ppb
Cadmium	111-1	0.28	0.17	0.27	0.24	23.90	ppb
Cadmium	106-1	0.13	-0.41	0.37	0.03	1332.58	ppb
Cadmium	108-1	0.12	0.13	0.03	0.09	58.40	ppb
Calcium	43-1	154849.79	143490.70	140550.91	146297.13	5.16	ppb
Calcium	44-1	153900.99	142666.78	138189.72	144919.16	5.59	ppb
Chromium	52-2	8.04	7.93	8.06	8.01	0.87	ppb
Cobalt	59-2	5.14	5.14	5.28	5.18	1.52	ppb
Copper	63-2	10.60	10.55	10.50	10.55	0.46	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				117		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	3494.71	3509.93	3506.83	3503.82	0.23	ppb
Iron	57-2	3412.10	3277.64	3413.85	3367.86	2.32	ppb
Lead	206-1	2.30	1.97	2.04	2.11	8.32	ppb
Lead	207-1	2.01	1.78	1.78	1.85	7.09	ppb
Lead	208-1	2.15	1.89	1.88	1.97	7.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	47673.99	46270.93	47785.14	47243.36	1.79	ppb
Manganese	55-2	3317.03	3281.60	3315.83	3304.82	0.61	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:25:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.09	3.95	4.22	8.55	ppb
Molybdenum	95-1	4.78	4.15	3.97	4.30	9.82	ppb
Molybdenum	96-1	4.89	4.02	3.95	4.28	12.33	ppb
Molybdenum	97-1	4.62	4.16	4.02	4.26	7.31	ppb
Molybdenum	98-1	4.63	4.13	4.05	4.27	7.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.95	9.43	10.06	9.81	3.42	ppb
Phosphorus	31-2	116.36	70.13	165.45	117.31	40.63	ppb
Potassium	39-2	2401.68	2415.20	2354.28	2390.39	1.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	1.84	-3.85	1.91	-0.03		ppb
Selenium	78-2	0.58	3.22	5.04	2.95	76.06	ppb
Selenium	82-1	-0.63	-1.30	-1.87	-1.27		ppb
Silicon	28-1	15562.31	14376.70	13906.87	14615.29	5.84	ppb
Silver	109-1	2.73	2.13	1.94	2.27	18.20	ppb
Silver	107-1	2.70	2.02	1.98	2.23	18.26	ppb
Sodium	23-2	53072.48	53024.12	53683.07	53259.89	0.69	ppb
Strontium	86-1	364.14	327.88	323.32	338.45	6.61	ppb
Strontium	88-1	372.03	338.73	329.59	346.78	6.44	ppb
Sulfur	34-1	28312.80	25193.11	23789.34	25765.09	8.99	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.03	9.16	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	34.68	ppb
Tin	118-1	-0.16	-0.13	-0.13	-0.14		ppb
Titanium	47-1	52.48	39.32	39.03	43.61	17.62	ppb
Uranium	238-1	1.90	1.76	1.68	1.78	6.43	ppb
Vanadium	51-2	8.29	8.46	8.63	8.46	2.04	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	10.76	12.03	11.20	11.33	5.73	ppb
Zirconium	90-1	0.85	0.71	0.77	0.78	9.34	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:25:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	0.79	0.78	0.86	15.42	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	390.06	423.79	378.82	397.56	5.89	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	11.61	ppb
Arsenic	75-2	0.34	0.37	0.40	0.37	8.78	ppb
Barium	135-1	25.90	25.37	26.30	25.86	1.81	ppb
Barium	137-1	25.93	26.09	25.93	25.98	0.35	ppb
Beryllium	9-1	0.01	0.03	-0.01	0.01	188.46	ppb
Bismuth	209-1				124		%
Bismuth	209-2				114		%
Boron	10-1	106.84	107.28	106.59	106.90	0.33	ppb
Boron	11-1	107.54	109.97	105.09	107.53	2.27	ppb
Cadmium	111-1	0.07	0.02	0.04	0.04	59.70	ppb
Cadmium	106-1	0.27	-0.30	-0.07	-0.03		ppb
Cadmium	108-1	-0.03	0.06	0.09	0.04	172.42	ppb
Calcium	43-1	59835.76	60256.38	60282.04	60124.73	0.42	ppb
Calcium	44-1	59697.48	60058.18	59695.24	59816.97	0.35	ppb
Chromium	52-2	11.27	11.10	11.62	11.33	2.34	ppb
Cobalt	59-2	0.85	0.83	0.80	0.83	2.87	ppb
Copper	63-2	3.82	3.87	4.07	3.92	3.44	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				125		%
Holmium	165-2				110		%
Indium	115-1				118		%
Indium	115-2				102		%
Iron	56-2	772.67	768.61	785.32	775.53	1.12	ppb
Iron	57-2	732.55	744.02	809.15	761.90	5.42	ppb
Lead	206-1	1.81	1.87	1.82	1.83	1.90	ppb
Lead	207-1	1.76	1.74	1.79	1.77	1.46	ppb
Lead	208-1	1.79	1.82	1.81	1.80	0.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	15541.35	15785.85	15997.01	15774.73	1.45	ppb
Manganese	55-2	250.23	255.84	259.23	255.10	1.78	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.82	0.74	0.82	0.79	6.35	ppb
Molybdenum	95-1	0.70	0.72	0.74	0.72	2.67	ppb
Molybdenum	96-1	0.80	0.69	0.86	0.78	10.71	ppb
Molybdenum	97-1	0.76	0.69	0.65	0.70	7.91	ppb
Molybdenum	98-1	0.68	0.76	0.69	0.71	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.08	9.05	8.98	9.03	0.52	ppb
Phosphorus	31-2	-22.27	23.04	24.00	8.26	320.26	ppb
Potassium	39-2	1376.14	1336.89	1408.33	1373.79	2.60	ppb
Rhodium	103-1				115		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	77-2	1.81	7.63	-3.85	1.86	307.86	ppb
Selenium	78-2	0.58	-0.30	0.58	0.29	176.94	ppb
Selenium	82-1	-1.11	-0.57	-1.45	-1.04		ppb
Silicon	28-1	7711.11	7583.62	7441.66	7578.79	1.78	ppb
Silver	109-1	1.63	1.56	1.59	1.60	2.37	ppb
Silver	107-1	1.57	1.52	1.52	1.54	1.71	ppb
Sodium	23-2	17688.74	17573.91	17932.42	17731.69	1.03	ppb
Strontium	86-1	166.16	163.48	163.61	164.41	0.92	ppb
Strontium	88-1	170.99	168.82	173.30	171.04	1.31	ppb
Sulfur	34-1	2487.33	2576.38	2353.41	2472.37	4.54	ppb
Terbium	159-1				123		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.14	-0.16	-0.13	-0.14		ppb
Titanium	47-1	17.74	16.36	22.95	19.02	18.30	ppb
Uranium	238-1	0.24	0.25	0.24	0.24	2.96	ppb
Vanadium	51-2	1.90	1.90	2.20	2.00	8.65	ppb
Yttrium	89-1				116		%
Yttrium	89-2				102		%
Zinc	66-2	23.56	21.61	23.71	22.96	5.10	ppb
Zirconium	90-1	0.23	0.23	0.20	0.22	7.84	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.19	0.23	0.20	11.21	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.48	45.62	23.20	39.43	35.99	ppb
Antimony	121-1	1.96	1.98	1.91	1.95	1.69	ppb
Arsenic	75-2	0.43	0.23	0.41	0.35	31.73	ppb
Barium	135-1	39.59	39.78	39.81	39.73	0.30	ppb
Barium	137-1	40.02	40.36	39.28	39.89	1.38	ppb
Beryllium	9-1	-0.04	-0.04	-0.01	-0.03		ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	10-1	155.26	153.76	159.43	156.15	1.88	ppb
Boron	11-1	153.27	156.84	152.89	154.33	1.41	ppb
Cadmium	111-1	0.11	0.01	0.09	0.07	79.24	ppb
Cadmium	106-1	0.63	-0.92	0.28	0.00		ppb
Cadmium	108-1	0.00	-0.06	0.03	-0.01		ppb
Calcium	43-1	64839.77	64676.96	64129.11	64548.61	0.58	ppb
Calcium	44-1	64659.76	64370.39	63918.21	64316.12	0.58	ppb
Chromium	52-2	5.79	6.03	5.82	5.88	2.19	ppb
Cobalt	59-2	0.47	0.52	0.48	0.49	5.07	ppb
Copper	63-2	5.94	6.19	6.14	6.09	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	56-2	212.07	210.75	206.96	209.93	1.26	ppb
Iron	57-2	201.64	200.10	217.93	206.56	4.78	ppb
Lead	206-1	0.40	0.36	0.34	0.37	8.06	ppb
Lead	207-1	0.33	0.30	0.33	0.32	6.37	ppb
Lead	208-1	0.35	0.35	0.35	0.35	0.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	9173.92	9486.91	9317.53	9326.12	1.68	ppb
Manganese	55-2	996.92	1000.39	988.55	995.29	0.61	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.88	1.74	1.78	1.80	3.94	ppb
Molybdenum	95-1	2.61	2.45	2.49	2.51	3.26	ppb
Molybdenum	96-1	2.37	2.52	2.41	2.44	3.10	ppb
Molybdenum	97-1	2.43	2.57	2.45	2.48	3.07	ppb
Molybdenum	98-1	2.41	2.46	2.49	2.45	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.73	6.71	7.30	7.24	7.06	ppb
Phosphorus	31-2	-22.27	1.11	0.87	-6.76		ppb
Potassium	39-2	2143.48	2127.20	2151.79	2140.82	0.58	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	1.47	1.50	1.49	1.49	1.01	ppb
Selenium	82-1	-0.47	-0.87	-1.51	-0.95		ppb
Silicon	28-1	6049.90	6086.32	6248.33	6128.18	1.72	ppb
Silver	109-1	1.61	1.55	1.54	1.57	2.57	ppb
Silver	107-1	1.55	1.69	1.57	1.60	4.68	ppb
Sodium	23-2	191676.89	195677.24	193814.10	193722.75	1.03	ppb
Strontium	86-1	189.18	191.87	190.75	190.60	0.71	ppb
Strontium	88-1	197.20	197.21	196.80	197.07	0.12	ppb
Sulfur	34-1	6671.96	6539.71	6264.64	6492.10	3.20	ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.15	-0.17	-0.15	-0.16		ppb
Titanium	47-1	1.29	1.25	1.10	1.21	8.41	ppb
Uranium	238-1	3.01	3.05	3.03	3.03	0.72	ppb
Vanadium	51-2	0.90	1.00	0.96	0.95	5.35	ppb
Yttrium	89-1				113		%
Yttrium	89-2				100		%
Zinc	66-2	44.87	48.98	48.00	47.28	4.54	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	4.26	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.10	0.06	0.08	27.17	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.54	6.57	3.02	5.37	37.93	ppb
Antimony	121-1	0.08	0.10	0.08	0.09	12.01	ppb
Arsenic	75-2	0.16	0.25	0.06	0.16	61.22	ppb
Barium	135-1	22.81	22.45	22.63	22.63	0.78	ppb
Barium	137-1	22.75	22.13	22.66	22.51	1.50	ppb
Beryllium	9-1	-0.10	-0.05	-0.04	-0.06		ppb
Bismuth	209-1				122		%
Bismuth	209-2				110		%
Boron	10-1	410.39	415.71	423.21	416.44	1.55	ppb
Boron	11-1	401.11	405.55	413.15	406.60	1.50	ppb
Cadmium	111-1	0.00	0.11	0.05	0.05	101.87	ppb
Cadmium	106-1	-1.25	0.56	-0.61	-0.43		ppb
Cadmium	108-1	0.03	0.09	0.03	0.05	68.42	ppb
Calcium	43-1	85311.95	83564.71	83124.28	84000.32	1.38	ppb
Calcium	44-1	82286.63	81887.00	82385.00	82186.21	0.32	ppb
Chromium	52-2	2.96	2.82	2.86	2.88	2.52	ppb
Cobalt	59-2	0.70	0.66	0.71	0.69	3.39	ppb
Copper	63-2	1.59	1.67	1.59	1.61	2.77	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				122		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	305.15	305.24	301.65	304.02	0.67	ppb
Iron	57-2	289.27	288.72	304.05	294.01	2.96	ppb
Lead	206-1	0.02	0.03	0.03	0.02	19.46	ppb
Lead	207-1	0.03	0.04	0.04	0.03	6.01	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.22	ppb
Lithium	6-1				103		%
Magnesium	24-2	21605.45	21295.04	21262.92	21387.80	0.88	ppb
Manganese	55-2	1827.25	1794.89	1778.49	1800.21	1.38	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDY20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.31	0.28	0.33	16.77	ppb
Molybdenum	95-1	0.39	0.36	0.42	0.39	7.40	ppb
Molybdenum	96-1	0.41	0.32	0.36	0.36	13.11	ppb
Molybdenum	97-1	0.40	0.39	0.33	0.37	10.48	ppb
Molybdenum	98-1	0.37	0.34	0.44	0.38	12.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.90	2.73	2.48	2.70	7.82	ppb
Phosphorus	31-2	-22.27	1.51	48.03	9.09	393.35	ppb
Potassium	39-2	1470.13	1511.47	1463.67	1481.76	1.75	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				93		%
Selenium	77-2	-3.85	7.85	-3.85	0.05	12978.85	ppb
Selenium	78-2	0.60	-0.30	-0.30	0.00	20055.92	ppb
Selenium	82-1	-1.78	-1.15	-1.13	-1.35		ppb
Silicon	28-1	12077.96	11937.51	12044.78	12020.08	0.61	ppb
Silver	109-1	1.12	1.14	1.08	1.12	2.72	ppb
Silver	107-1	1.09	1.12	1.02	1.08	4.65	ppb
Sodium	23-2	15835.39	15709.78	15459.29	15668.15	1.22	ppb
Strontium	86-1	178.57	178.82	180.30	179.23	0.52	ppb
Strontium	88-1	187.93	184.93	185.71	186.19	0.84	ppb
Sulfur	34-1	3948.47	3843.73	4215.65	4002.62	4.79	ppb
Terbium	159-1				121		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.18	-0.21	-0.20	-0.20		ppb
Titanium	47-1	0.62	0.39	0.51	0.51	22.00	ppb
Uranium	238-1	0.40	0.40	0.39	0.40	1.24	ppb
Vanadium	51-2	1.87	1.83	1.73	1.81	3.98	ppb
Yttrium	89-1				113		%
Yttrium	89-2				99		%
Zinc	66-2	2.57	3.29	2.60	2.82	14.34	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	20.65	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	756.34	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.41	1.33	-2.10	-0.39		ppb
Antimony	121-1	0.08	0.09	0.09	0.09	9.77	ppb
Arsenic	75-2	0.04	0.10	-0.03	0.04	177.64	ppb
Barium	135-1	-0.04	-0.01	-0.01	-0.02		ppb
Barium	137-1	0.02	-0.01	0.01	0.01	165.63	ppb
Beryllium	9-1	-0.06	0.00	-0.03	-0.03		ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Boron	10-1	29.72	24.05	23.27	25.68	13.69	ppb
Boron	11-1	26.54	27.13	24.13	25.93	6.13	ppb
Cadmium	111-1	0.00	0.06	-0.05	0.00	8519.64	ppb
Cadmium	106-1	-0.14	0.65	-0.87	-0.12		ppb
Cadmium	108-1	-0.03	-0.03	-0.09	-0.05		ppb
Calcium	43-1	7.59	-8.19	-4.16	-1.59		ppb
Calcium	44-1	-25.24	-29.15	-23.87	-26.08		ppb
Chromium	52-2	-0.12	-0.12	-0.14	-0.13		ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.29	0.28	0.26	0.28	5.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				106		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	0.21	0.21	0.14	0.19	21.17	ppb
Iron	57-2	-1.06	-1.52	-1.05	-1.21		ppb
Lead	206-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	-8.65	-11.39	-18.92	-12.99		ppb
Manganese	55-2	0.26	0.19	0.05	0.17	62.16	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.03	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	0.02	-0.01	0.00	531.69	ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	0.00	-0.01	-0.04	-0.02		ppb
Molybdenum	98-1	-0.01	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.14	-0.08	-0.13		ppb
Phosphorus	31-2	24.20	-22.27	-22.27	-6.78		ppb
Potassium	39-2	-52.58	-50.25	-38.02	-46.95		ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	77-2	2.02	2.04	-3.85	0.07	4739.34	ppb
Selenium	78-2	0.61	-0.30	-0.30	0.00	14347.04	ppb
Selenium	82-1	-0.76	-1.70	-1.22	-1.23		ppb
Silicon	28-1	-51.83	-50.36	-49.43	-50.54		ppb
Silver	109-1	1.10	1.13	1.12	1.12	1.38	ppb
Silver	107-1	1.09	1.15	1.06	1.10	3.95	ppb
Sodium	23-2	-180.45	-187.50	-177.11	-181.69		ppb
Strontium	86-1	-0.04	-0.03	-0.10	-0.06		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	29.52	ppb
Sulfur	34-1	-2546.95	-2600.93	-2393.24	-2513.71		ppb
Terbium	159-1				119		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.04	-0.03		ppb
Tin	118-1	-0.20	-0.21	-0.20	-0.20		ppb
Titanium	47-1	0.03	0.15	0.13	0.10	63.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.06	0.08	0.07	17.68	ppb
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	0.54	0.31	0.33	0.39	32.31	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

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

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	242.10	245.71	250.91	246.24	1.80	ppb
Antimony	121-1	0.15	0.15	0.14	0.14	4.88	ppb
Arsenic	75-2	0.65	0.63	0.52	0.60	11.06	ppb
Barium	135-1	45.32	45.81	46.52	45.88	1.32	ppb
Barium	137-1	45.66	45.67	46.46	45.93	1.00	ppb
Beryllium	9-1	0.00	-0.05	-0.03	-0.02		ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	1482.41	1549.89	1588.35	1540.22	3.48	ppb
Boron	11-1	1489.09	1524.99	1583.37	1532.48	3.11	ppb
Cadmium	111-1	0.11	0.25	0.17	0.18	39.62	ppb
Cadmium	106-1	-1.32	0.22	-0.19	-0.43		ppb
Cadmium	108-1	0.19	0.07	0.33	0.20	66.37	ppb
Calcium	43-1	124837.61	123081.87	124988.79	124302.76	0.85	ppb
Calcium	44-1	122595.63	122342.91	122578.58	122505.71	0.12	ppb
Chromium	52-2	3.89	4.13	3.88	3.97	3.59	ppb
Cobalt	59-2	2.15	2.09	2.02	2.09	3.18	ppb
Copper	63-2	5.72	5.62	5.48	5.61	2.10	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				118		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	56-2	1086.53	1090.22	1085.59	1087.45	0.23	ppb
Iron	57-2	1035.18	1099.35	996.59	1043.71	4.97	ppb
Lead	206-1	1.56	1.55	1.61	1.57	2.04	ppb
Lead	207-1	1.38	1.43	1.40	1.40	1.50	ppb
Lead	208-1	1.47	1.49	1.48	1.48	0.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	46264.14	46516.12	45217.12	45999.13	1.50	ppb
Manganese	55-2	7816.82	7847.11	7651.57	7771.83	1.35	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.21	2.44	2.40	2.35	5.27	ppb
Molybdenum	95-1	2.80	2.73	2.85	2.79	2.13	ppb
Molybdenum	96-1	2.53	2.59	2.52	2.55	1.57	ppb
Molybdenum	97-1	3.04	2.63	2.78	2.82	7.28	ppb
Molybdenum	98-1	2.73	2.81	2.66	2.73	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.28	7.55	7.12	7.32	3.00	ppb
Phosphorus	31-2	2.00	-22.27	122.39	34.04	227.57	ppb
Potassium	39-2	1710.29	1741.91	1703.64	1718.61	1.19	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	-3.85	2.19	2.24	0.20	1781.28	ppb
Selenium	78-2	0.63	0.63	-0.30	0.32	166.85	ppb
Selenium	82-1	-1.27	-0.31	-1.02	-0.87		ppb
Silicon	28-1	15012.03	15128.86	15148.67	15096.52	0.49	ppb
Silver	109-1	1.13	1.16	1.17	1.15	1.85	ppb
Silver	107-1	1.16	1.22	1.20	1.19	2.49	ppb
Sodium	23-2	59877.95	59942.67	58245.93	59355.52	1.62	ppb
Strontium	86-1	271.55	272.45	273.97	272.66	0.45	ppb
Strontium	88-1	277.29	281.59	279.10	279.33	0.77	ppb
Sulfur	34-1	7510.02	7230.59	7714.09	7484.90	3.24	ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.11	-0.15	-0.11	-0.12		ppb
Titanium	47-1	10.65	9.66	10.02	10.11	4.96	ppb
Uranium	238-1	2.09	2.13	2.10	2.11	0.88	ppb
Vanadium	51-2	2.34	2.61	2.38	2.44	5.95	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	7.43	7.02	8.09	7.51	7.23	ppb
Zirconium	90-1	0.19	0.23	0.23	0.22	9.58	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.27	0.20	0.26	19.07	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.25	11.32	9.29	12.62	32.78	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	39.31	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.80	0.77	0.67	0.75	9.46	ppb
Barium	137-1	0.67	0.80	0.80	0.76	9.90	ppb
Beryllium	9-1	-0.02	-0.06	-0.04	-0.04		ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	89.94	88.27	79.16	85.79	6.77	ppb
Boron	11-1	90.60	90.16	83.33	88.03	4.63	ppb
Cadmium	111-1	-0.04	-0.03	-0.02	-0.03		ppb
Cadmium	106-1	-0.52	-0.58	-0.29	-0.46		ppb
Cadmium	108-1	-0.05	-0.09	-0.01	-0.05		ppb
Calcium	43-1	4226.19	4514.84	4363.84	4368.29	3.31	ppb
Calcium	44-1	4135.18	4504.90	4367.37	4335.82	4.31	ppb
Chromium	52-2	0.11	0.07	0.06	0.08	33.08	ppb
Cobalt	59-2	0.15	0.20	0.12	0.16	26.31	ppb
Copper	63-2	0.21	0.25	0.21	0.22	11.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	16.53	15.44	15.87	15.95	3.45	ppb
Iron	57-2	18.90	14.15	8.34	13.80	38.31	ppb
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				86		%
Magnesium	24-2	1758.46	1795.91	1790.70	1781.69	1.14	ppb
Manganese	55-2	148.76	145.94	145.79	146.83	1.14	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.10	0.07	53.23	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	14.76	ppb
Molybdenum	96-1	0.05	0.08	0.07	0.07	18.74	ppb
Molybdenum	97-1	0.03	0.06	0.09	0.06	50.94	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	16.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.09	-0.17	-0.04		ppb
Phosphorus	31-2	-22.27	-22.27	-22.27	-22.27		ppb
Potassium	39-2	55.97	28.01	29.06	37.68	42.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				83		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	1.75	1.76	0.72	1.41	42.18	ppb
Selenium	82-1	-0.97	-1.77	-1.44	-1.39		ppb
Silicon	28-1	645.73	726.75	702.00	691.49	6.00	ppb
Silver	109-1	0.02	0.30	0.09	0.13	109.13	ppb
Silver	107-1	0.00	0.26	0.15	0.14	94.12	ppb
Sodium	23-2	883.71	843.58	794.78	840.69	5.30	ppb
Strontium	86-1	5.93	6.89	6.84	6.55	8.25	ppb
Strontium	88-1	6.67	7.27	6.85	6.93	4.42	ppb
Sulfur	34-1	848.64	2250.21	1687.79	1595.54	44.21	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb
Titanium	47-1	0.45	0.37	0.19	0.34	39.34	ppb
Uranium	238-1	0.05	0.07	0.07	0.06	19.29	ppb
Vanadium	51-2	0.31	0.27	0.24	0.28	13.03	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	0.55	0.34	0.80	0.56	41.52	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.29	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	2103.94	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.30	17.98	16.09	19.12	19.54	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	101.50	ppb
Arsenic	75-2	0.00	0.04	0.07	0.03	99.66	ppb
Barium	135-1	1.60	1.60	1.75	1.65	5.05	ppb
Barium	137-1	1.73	1.66	1.62	1.67	3.38	ppb
Beryllium	9-1	0.00	-0.04	-0.09	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	122.46	121.26	117.94	120.55	1.94	ppb
Boron	11-1	126.20	123.66	121.34	123.73	1.96	ppb
Cadmium	111-1	-0.03	-0.01	0.04	0.00		ppb
Cadmium	106-1	-0.54	-0.33	0.22	-0.22		ppb
Cadmium	108-1	-0.05	-0.02	-0.05	-0.04		ppb
Calcium	43-1	5331.06	5478.64	5379.05	5396.25	1.40	ppb
Calcium	44-1	5382.13	5525.95	5352.34	5420.14	1.71	ppb
Chromium	52-2	0.15	0.02	-0.05	0.04	280.24	ppb
Cobalt	59-2	0.04	0.05	0.10	0.06	49.54	ppb
Copper	63-2	0.39	0.38	0.41	0.39	4.44	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				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	28.88	31.92	30.71	30.50	5.03	ppb
Iron	57-2	31.38	25.67	30.41	29.15	10.49	ppb
Lead	206-1	0.03	0.04	0.04	0.04	24.37	ppb
Lead	207-1	0.04	0.04	0.03	0.04	8.43	ppb
Lead	208-1	0.04	0.04	0.05	0.04	9.22	ppb
Lithium	6-1				91		%
Magnesium	24-2	2192.39	2227.11	2232.78	2217.43	0.99	ppb
Manganese	55-2	299.77	306.36	300.06	302.06	1.23	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.05	0.06	13.51	ppb
Molybdenum	95-1	0.07	0.06	0.04	0.06	24.05	ppb
Molybdenum	96-1	0.03	0.06	0.05	0.04	28.83	ppb
Molybdenum	97-1	0.02	0.05	0.06	0.04	46.88	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	15.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.02	-0.08	-0.08		ppb
Phosphorus	31-2	27.53	-22.27	-22.27	-5.67		ppb
Potassium	39-2	72.36	85.30	52.78	70.14	23.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	-3.85	2.44	-3.85	-1.75		ppb
Selenium	78-2	0.69	0.67	-0.30	0.35	159.58	ppb
Selenium	82-1	0.29	-0.80	-1.27	-0.59		ppb
Silicon	28-1	752.70	769.15	771.16	764.34	1.32	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.01	0.00	166.57	ppb
Sodium	23-2	1983.08	1988.50	1973.30	1981.62	0.39	ppb
Strontium	86-1	9.78	10.06	10.04	9.96	1.56	ppb
Strontium	88-1	9.95	10.12	10.12	10.06	0.96	ppb
Sulfur	34-1	809.28	1030.75	796.51	878.85	14.99	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.01	-0.06	-0.06	-0.04		ppb
Titanium	47-1	0.57	0.59	0.31	0.49	31.66	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.09	ppb
Vanadium	51-2	0.40	0.31	0.34	0.35	14.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	0.40	0.12	0.31	0.28	53.11	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	64.84	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	-0.01	0.00	245.93	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.35	82.47	78.53	74.45	14.32	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	42.82	ppb
Arsenic	75-2	0.02	0.09	0.02	0.04	94.83	ppb
Barium	135-1	3.10	3.19	3.33	3.21	3.57	ppb
Barium	137-1	3.29	3.27	3.27	3.28	0.42	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	76.39	76.74	76.97	76.70	0.38	ppb
Boron	11-1	74.77	75.88	75.13	75.26	0.75	ppb
Cadmium	111-1	0.03	0.04	-0.05	0.00	1053.50	ppb
Cadmium	106-1	0.30	0.22	-0.88	-0.12		ppb
Cadmium	108-1	-0.06	-0.06	-0.05	-0.06		ppb
Calcium	43-1	6744.07	6727.82	6722.73	6731.54	0.17	ppb
Calcium	44-1	6926.34	6931.72	6967.57	6941.88	0.32	ppb
Chromium	52-2	0.40	0.36	0.37	0.38	6.42	ppb
Cobalt	59-2	0.28	0.25	0.31	0.28	9.83	ppb
Copper	63-2	0.55	0.52	0.57	0.55	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	174.17	175.56	173.41	174.38	0.63	ppb
Iron	57-2	175.47	171.60	161.31	169.46	4.32	ppb
Lead	206-1	0.12	0.10	0.08	0.10	21.98	ppb
Lead	207-1	0.08	0.10	0.09	0.09	14.28	ppb
Lead	208-1	0.10	0.10	0.09	0.10	2.66	ppb
Lithium	6-1				94		%
Magnesium	24-2	2292.56	2276.31	2268.53	2279.13	0.54	ppb
Manganese	55-2	161.07	161.55	165.23	162.62	1.40	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.25	0.19	0.20	22.60	ppb
Molybdenum	95-1	0.20	0.25	0.22	0.22	10.63	ppb
Molybdenum	96-1	0.22	0.15	0.17	0.18	19.68	ppb
Molybdenum	97-1	0.25	0.18	0.20	0.21	16.04	ppb
Molybdenum	98-1	0.21	0.19	0.15	0.18	17.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.29	0.12	0.18	53.60	ppb
Phosphorus	31-2	2.29	2.41	76.07	26.93	158.08	ppb
Potassium	39-2	73.22	83.74	109.67	88.88	21.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	-3.85	2.41	2.40	0.32	1121.05	ppb
Selenium	78-2	0.66	-0.30	-0.30	0.02	2488.09	ppb
Selenium	82-1	-1.42	-1.06	-0.38	-0.95		ppb
Silicon	28-1	691.24	707.52	700.94	699.90	1.17	ppb
Silver	109-1	0.01	-0.02	-0.01	-0.01		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	2415.86	2370.58	2363.07	2383.17	1.20	ppb
Strontium	86-1	15.74	15.78	16.05	15.86	1.08	ppb
Strontium	88-1	16.31	16.38	16.37	16.36	0.23	ppb
Sulfur	34-1	1583.19	1531.96	1311.80	1475.65	9.77	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	-0.05	-0.05	-0.03		ppb
Titanium	47-1	1.87	1.86	2.37	2.04	14.40	ppb
Uranium	238-1	0.08	0.08	0.07	0.08	8.07	ppb
Vanadium	51-2	0.34	0.41	0.39	0.38	9.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	0.74	0.62	0.65	0.67	9.56	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	10.57	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.00	0.03	89.39	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	778.42	748.99	781.53	769.65	2.33	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	11.31	ppb
Arsenic	75-2	0.32	0.28	0.13	0.24	42.02	ppb
Barium	135-1	16.45	18.21	15.53	16.73	8.13	ppb
Barium	137-1	15.20	16.64	15.56	15.80	4.73	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	29.38	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	55.69	63.33	55.03	58.02	7.95	ppb
Boron	11-1	55.27	62.22	56.66	58.05	6.33	ppb
Cadmium	111-1	-0.04	-0.06	0.04	-0.02		ppb
Cadmium	106-1	-0.61	-0.95	0.39	-0.39		ppb
Cadmium	108-1	0.07	0.24	0.04	0.12	92.86	ppb
Calcium	43-1	29803.72	34246.46	29914.86	31321.68	8.09	ppb
Calcium	44-1	29803.63	34096.08	30110.98	31336.90	7.64	ppb
Chromium	52-2	6.58	6.41	6.45	6.48	1.43	ppb
Cobalt	59-2	0.52	0.46	0.47	0.48	6.06	ppb
Copper	63-2	2.07	2.09	2.10	2.09	0.88	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	772.81	715.52	703.20	730.51	5.08	ppb
Iron	57-2	708.31	697.63	714.97	706.97	1.24	ppb
Lead	206-1	1.05	1.16	1.18	1.13	6.29	ppb
Lead	207-1	0.92	1.07	1.01	1.00	7.63	ppb
Lead	208-1	1.00	1.12	1.05	1.06	5.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	8035.69	8119.91	7755.17	7970.26	2.40	ppb
Manganese	55-2	146.06	147.53	141.71	145.10	2.08	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.58	2.07	1.51	1.72	17.65	ppb
Molybdenum	95-1	0.59	0.64	0.63	0.62	3.93	ppb
Molybdenum	96-1	0.76	0.73	0.71	0.73	3.83	ppb
Molybdenum	97-1	0.57	0.70	0.52	0.60	14.88	ppb
Molybdenum	98-1	0.62	0.66	0.54	0.61	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.92	4.34	4.75	4.67	6.36	ppb
Phosphorus	31-2	25.86	-22.27	1.51	1.70	1415.28	ppb
Potassium	39-2	745.59	795.76	737.82	759.72	4.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	2.10	2.17	2.19	2.15	2.30	ppb
Selenium	78-2	1.54	0.63	2.50	1.56	60.19	ppb
Selenium	82-1	-0.20	-0.77	-1.01	-0.66		ppb
Silicon	28-1	4886.87	7326.93	4773.78	5662.53	25.47	ppb
Silver	109-1	0.39	0.77	0.39	0.51	43.24	ppb
Silver	107-1	0.41	0.82	0.39	0.54	45.15	ppb
Sodium	23-2	8581.17	8928.15	8500.50	8669.94	2.62	ppb
Strontium	86-1	84.86	94.14	83.44	87.48	6.64	ppb
Strontium	88-1	88.49	98.82	87.18	91.50	6.96	ppb
Sulfur	34-1	1561.12	3976.47	1571.15	2369.58	58.73	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.09	0.00	-0.08	-0.06		ppb
Titanium	47-1	44.25	25.69	59.17	43.03	38.97	ppb
Uranium	238-1	0.16	0.16	0.14	0.15	8.54	ppb
Vanadium	51-2	1.51	1.73	1.76	1.67	8.37	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	11.27	10.94	11.02	11.08	1.57	ppb
Zirconium	90-1	0.47	0.81	0.51	0.60	31.23	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.46	0.35	0.45	20.49	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51406.12	51089.73	50896.42	51130.76	0.50	ppb
Antimony	121-1	510.99	503.50	504.68	506.39	0.80	ppb
Arsenic	75-2	496.58	498.65	505.28	500.17	0.91	ppb
Barium	135-1	2565.76	2541.34	2538.01	2548.37	0.59	ppb
Barium	137-1	2545.15	2509.00	2519.52	2524.56	0.74	ppb
Beryllium	9-1	533.97	528.10	525.46	529.18	0.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	534.95	536.36	552.80	541.37	1.83	ppb
Boron	11-1	527.28	538.07	543.94	536.43	1.58	ppb
Cadmium	111-1	482.87	482.24	483.07	482.73	0.09	ppb
Cadmium	106-1	492.14	492.35	498.40	494.30	0.72	ppb
Cadmium	108-1	499.69	477.75	490.31	489.25	2.25	ppb
Calcium	43-1	245994.05	245881.10	245140.05	245671.73	0.19	ppb
Calcium	44-1	245582.46	242791.11	244634.35	244335.97	0.58	ppb
Chromium	52-2	507.52	501.39	502.40	503.77	0.65	ppb
Cobalt	59-2	497.88	492.84	492.39	494.37	0.62	ppb
Copper	63-2	974.68	968.75	966.94	970.12	0.42	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				106		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				88		%
Iron	56-2	129427.40	128180.27	128013.40	128540.36	0.60	ppb
Iron	57-2	126629.21	126464.79	126600.39	126564.80	0.07	ppb
Lead	206-1	518.12	520.91	512.94	517.32	0.78	ppb
Lead	207-1	523.72	521.30	519.83	521.62	0.38	ppb
Lead	208-1	518.58	521.51	518.77	519.62	0.31	ppb
Lithium	6-1				89		%
Magnesium	24-2	256825.22	252998.13	253026.48	254283.28	0.87	ppb
Manganese	55-2	998.89	993.97	989.90	994.25	0.45	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2525.21	2555.98	2517.94	2533.04	0.80	ppb
Molybdenum	95-1	2543.10	2604.14	2545.77	2564.34	1.35	ppb
Molybdenum	96-1	2554.32	2603.54	2543.42	2567.09	1.25	ppb
Molybdenum	97-1	2547.03	2580.71	2530.98	2552.91	0.99	ppb
Molybdenum	98-1	2569.50	2609.85	2544.55	2574.63	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.33	494.88	495.00	495.74	0.28	ppb
Phosphorus	31-2	10634.89	10381.10	9524.43	10180.14	5.72	ppb
Potassium	39-2	126990.11	127049.29	128032.47	127357.29	0.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	568.30	336.46	427.19	443.98	26.31	ppb
Selenium	78-2	490.47	454.74	482.46	475.89	3.94	ppb
Selenium	82-1	495.87	503.53	498.66	499.35	0.78	ppb
Silicon	28-1	492.50	482.71	488.26	487.82	1.01	ppb
Silver	109-1	497.14	492.85	494.35	494.78	0.44	ppb
Silver	107-1	494.88	485.52	483.21	487.87	1.27	ppb
Sodium	23-2	258413.50	254799.65	255886.94	256366.69	0.72	ppb
Strontium	86-1	504.01	516.17	509.85	510.01	1.19	ppb
Strontium	88-1	519.73	523.71	515.78	519.74	0.76	ppb
Sulfur	34-1	10969.03	10773.10	10479.47	10740.54	2.29	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	512.37	523.31	520.78	518.82	1.10	ppb
Thallium	205-1	511.74	519.86	518.19	516.60	0.83	ppb
Tin	118-1	511.27	504.04	506.53	507.28	0.72	ppb
Titanium	47-1	2539.03	2555.38	2562.38	2552.26	0.47	ppb
Uranium	238-1	522.73	522.87	521.59	522.40	0.13	ppb
Vanadium	51-2	506.36	499.48	499.13	501.65	0.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	979.73	964.61	976.15	973.50	0.81	ppb
Zirconium	90-1	510.83	519.29	501.54	510.55	1.74	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.36	510.42	496.65	503.14	1.37	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	-2.10	-2.10	-0.88		ppb
Antimony	121-1	0.18	0.19	0.24	0.21	15.11	ppb
Arsenic	75-2	0.02	-0.03	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.00	0.01	82.45	ppb
Barium	137-1	0.00	0.01	0.00	0.00	194.54	ppb
Beryllium	9-1	0.34	0.28	0.28	0.30	12.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	27.91	28.41	25.91	27.41	4.84	ppb
Boron	11-1	26.75	25.01	25.37	25.71	3.57	ppb
Cadmium	111-1	0.01	0.10	-0.05	0.02	411.00	ppb
Cadmium	106-1	-0.13	1.19	-0.78	0.09	1105.99	ppb
Cadmium	108-1	-0.09	-0.05	0.10	-0.01		ppb
Calcium	43-1	-1.10	-3.93	-0.18	-1.74		ppb
Calcium	44-1	-43.03	-43.64	-39.71	-42.12		ppb
Chromium	52-2	-0.03	0.00	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.02	-0.01	0.00		ppb
Copper	63-2	-0.05	-0.04	-0.04	-0.04		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				102		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	2.85	2.98	2.58	2.80	7.19	ppb
Iron	57-2	0.32	4.32	1.47	2.04	101.19	ppb
Lead	206-1	0.05	0.02	0.03	0.04	37.08	ppb
Lead	207-1	0.04	0.03	0.03	0.03	18.18	ppb
Lead	208-1	0.04	0.04	0.03	0.04	19.07	ppb
Lithium	6-1				90		%
Magnesium	24-2	-29.35	-37.14	-35.95	-34.15		ppb
Manganese	55-2	0.20	-0.01	0.07	0.09	123.29	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.13	0.10	0.11	13.79	ppb
Molybdenum	95-1	0.18	0.15	0.15	0.16	11.10	ppb
Molybdenum	96-1	0.16	0.17	0.12	0.15	16.67	ppb
Molybdenum	97-1	0.11	0.18	0.16	0.15	23.28	ppb
Molybdenum	98-1	0.14	0.13	0.16	0.14	12.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.38	-0.35	-0.38	-0.37		ppb
Phosphorus	31-2	-22.27	-22.27	3.21	-13.78		ppb
Potassium	39-2	9.25	-13.29	-0.82	-1.62		ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	-3.85	2.50	-3.85	-1.73		ppb
Selenium	78-2	0.68	1.66	-0.30	0.68	143.96	ppb
Selenium	82-1	-0.26	-1.35	-0.91	-0.84		ppb
Silicon	28-1	-20.14	-19.47	-20.96	-20.19		ppb
Silver	109-1	0.58	0.54	0.50	0.54	7.48	ppb
Silver	107-1	0.62	0.55	0.49	0.55	11.49	ppb
Sodium	23-2	-144.28	-167.21	-175.49	-162.33		ppb
Strontium	86-1	-0.04	0.02	0.02	0.00	1382.17	ppb
Strontium	88-1	-0.02	-0.01	0.02	0.00		ppb
Sulfur	34-1	-447.54	-240.24	-698.65	-462.14		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.05	0.07	0.06	15.77	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	13.08	ppb
Tin	118-1	0.01	-0.01	0.02	0.01	152.63	ppb
Titanium	47-1	0.01	0.00	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	15.59	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	278.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	0.12	0.04	-0.08	0.03	347.84	ppb
Zirconium	90-1	0.05	0.02	0.04	0.03	42.50	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	24.07	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.29	22.77	20.36	18.47	29.70	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	12.58	ppb
Arsenic	75-2	0.11	-0.05	0.09	0.05	174.14	ppb
Barium	135-1	2.29	2.15	2.14	2.20	3.86	ppb
Barium	137-1	2.46	2.33	2.23	2.34	4.98	ppb
Beryllium	9-1	0.20	0.16	0.15	0.17	17.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	90.94	93.03	97.45	93.81	3.54	ppb
Boron	11-1	90.96	93.59	96.12	93.56	2.76	ppb
Cadmium	111-1	-0.08	-0.03	-0.01	-0.04		ppb
Cadmium	106-1	-1.38	-0.56	-0.42	-0.79		ppb
Cadmium	108-1	0.06	0.06	-0.09	0.01	954.34	ppb
Calcium	43-1	5919.40	5855.36	5874.86	5883.21	0.56	ppb
Calcium	44-1	5988.40	5900.26	5943.20	5943.95	0.74	ppb
Chromium	52-2	0.14	0.16	0.12	0.14	17.56	ppb
Cobalt	59-2	0.08	0.10	0.09	0.09	13.13	ppb
Copper	63-2	0.26	0.21	0.22	0.23	10.39	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				104		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	55.44	52.96	51.94	53.44	3.37	ppb
Iron	57-2	56.10	52.18	46.02	51.43	9.87	ppb
Lead	206-1	0.14	0.12	0.12	0.12	7.89	ppb
Lead	207-1	0.11	0.10	0.11	0.11	6.80	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.89	ppb
Lithium	6-1				92		%
Magnesium	24-2	2201.01	2149.22	2071.56	2140.60	3.04	ppb
Manganese	55-2	362.34	353.88	350.01	355.41	1.77	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.17	0.14	0.14	19.89	ppb
Molybdenum	95-1	0.23	0.22	0.21	0.22	4.24	ppb
Molybdenum	96-1	0.16	0.16	0.13	0.15	10.94	ppb
Molybdenum	97-1	0.16	0.12	0.15	0.14	12.04	ppb
Molybdenum	98-1	0.13	0.16	0.20	0.16	22.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	0.13	0.04	198.61	ppb
Phosphorus	31-2	27.12	-22.27	1.43	2.10	1178.99	ppb
Potassium	39-2	62.93	46.06	59.11	56.03	15.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	-3.85	-3.85	2.41	-1.76		ppb
Selenium	78-2	-0.30	-0.30	0.67	0.02	2366.42	ppb
Selenium	82-1	0.11	-0.22	-1.08	-0.40		ppb
Silicon	28-1	726.39	732.07	734.36	730.94	0.56	ppb
Silver	109-1	0.04	0.04	0.08	0.06	43.15	ppb
Silver	107-1	0.04	0.05	0.06	0.05	14.44	ppb
Sodium	23-2	2598.07	2543.70	2403.11	2514.96	4.00	ppb
Strontium	86-1	12.67	13.36	12.58	12.87	3.32	ppb
Strontium	88-1	13.19	13.36	13.23	13.26	0.66	ppb
Sulfur	34-1	-90.30	-119.29	39.25	-56.78		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.03	0.02	71.17	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	55.10	ppb
Tin	118-1	-0.02	-0.02	0.03	0.00		ppb
Titanium	47-1	0.43	0.49	0.43	0.45	7.12	ppb
Uranium	238-1	0.10	0.09	0.09	0.10	0.89	ppb
Vanadium	51-2	0.09	0.12	0.06	0.09	32.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	2.75	3.19	3.19	3.04	8.22	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	43.45	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	35.79	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51276.57	51583.72	50824.57	51228.29	0.75	ppb
Antimony	121-1	502.41	510.74	506.96	506.70	0.82	ppb
Arsenic	75-2	498.54	506.85	503.45	502.94	0.83	ppb
Barium	135-1	2525.80	2565.99	2559.53	2550.44	0.85	ppb
Barium	137-1	2478.21	2561.37	2525.97	2521.85	1.65	ppb
Beryllium	9-1	532.82	544.17	544.50	540.50	1.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	525.93	546.91	567.00	546.61	3.76	ppb
Boron	11-1	525.68	546.22	551.63	541.18	2.53	ppb
Cadmium	111-1	484.07	490.40	487.37	487.28	0.65	ppb
Cadmium	106-1	497.90	504.44	494.97	499.11	0.97	ppb
Cadmium	108-1	486.51	493.64	488.82	489.66	0.74	ppb
Calcium	43-1	245427.77	246850.39	245192.33	245823.50	0.36	ppb
Calcium	44-1	242112.93	244499.25	244322.31	243644.83	0.55	ppb
Chromium	52-2	504.87	503.57	498.29	502.25	0.69	ppb
Cobalt	59-2	491.88	496.21	488.23	492.11	0.81	ppb
Copper	63-2	962.29	964.89	955.61	960.93	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	128152.20	129534.52	127095.85	128260.86	0.95	ppb
Iron	57-2	127532.66	128952.16	127017.69	127834.17	0.78	ppb
Lead	206-1	515.46	518.70	521.06	518.41	0.54	ppb
Lead	207-1	518.99	521.16	527.80	522.65	0.88	ppb
Lead	208-1	517.09	518.18	524.64	519.97	0.79	ppb
Lithium	6-1				90		%
Magnesium	24-2	254263.83	255121.58	250892.69	253426.03	0.88	ppb
Manganese	55-2	982.52	990.73	985.86	986.37	0.42	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2508.56	2498.00	2519.71	2508.76	0.43	ppb
Molybdenum	95-1	2533.51	2508.85	2531.19	2524.51	0.54	ppb
Molybdenum	96-1	2526.33	2514.82	2548.97	2530.04	0.69	ppb
Molybdenum	97-1	2550.91	2527.09	2561.74	2546.58	0.70	ppb
Molybdenum	98-1	2544.36	2534.16	2524.25	2534.26	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.90	495.27	491.72	493.30	0.37	ppb
Phosphorus	31-2	9564.27	9592.80	10675.40	9944.16	6.37	ppb
Potassium	39-2	128925.17	129863.76	128132.62	128973.85	0.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	462.11	505.25	518.61	495.32	5.96	ppb
Selenium	78-2	483.43	500.69	507.43	497.19	2.49	ppb
Selenium	82-1	502.43	495.58	503.48	500.50	0.86	ppb
Silicon	28-1	496.83	500.08	501.01	499.31	0.44	ppb
Silver	109-1	498.02	499.32	496.67	498.00	0.27	ppb
Silver	107-1	494.38	496.02	494.68	495.03	0.18	ppb
Sodium	23-2	256493.32	258541.24	256557.45	257197.33	0.45	ppb
Strontium	86-1	502.41	506.01	507.20	505.20	0.49	ppb
Strontium	88-1	519.16	516.31	518.30	517.93	0.28	ppb
Sulfur	34-1	10470.75	10808.32	11011.29	10763.45	2.54	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	522.75	515.19	531.43	523.12	1.55	ppb
Thallium	205-1	510.34	515.32	523.64	516.43	1.30	ppb
Tin	118-1	505.15	514.68	509.59	509.81	0.93	ppb
Titanium	47-1	2542.21	2573.30	2597.96	2571.16	1.09	ppb
Uranium	238-1	519.82	521.28	515.75	518.95	0.55	ppb
Vanadium	51-2	497.99	502.70	498.07	499.59	0.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	969.29	970.21	965.83	968.44	0.24	ppb
Zirconium	90-1	506.31	510.10	506.25	507.55	0.43	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.79	500.24	497.07	498.03	0.38	ppb

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : CCB075 Instrumnet Name : P8
 Client Sample ID : CCB075 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 17:13:50 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.36	4.86	2.54	79.04	ppb
Antimony	121-1	0.20	0.21	0.22	0.21	4.41	ppb
Arsenic	75-2	0.02	-0.03	0.02	0.00	941.49	ppb
Barium	135-1	0.04	0.01	0.01	0.02	92.91	ppb
Barium	137-1	0.04	0.05	0.03	0.04	28.36	ppb
Beryllium	9-1	0.37	0.57	0.38	0.44	24.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	29.05	28.18	27.73	28.32	2.37	ppb
Boron	11-1	28.83	27.38	25.96	27.39	5.24	ppb
Cadmium	111-1	0.03	0.08	0.02	0.04	81.49	ppb
Cadmium	106-1	-0.04	0.91	0.12	0.33	156.36	ppb
Cadmium	108-1	-0.05	-0.05	-0.09	-0.06		ppb
Calcium	43-1	3.16	-0.12	6.48	3.17	103.81	ppb
Calcium	44-1	-42.15	-42.09	-47.31	-43.85		ppb
Chromium	52-2	-0.06	-0.10	-0.10	-0.08		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	279.59	ppb
Copper	63-2	-0.06	-0.06	-0.07	-0.07		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				103		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	3.89	3.63	3.64	3.72	3.97	ppb
Iron	57-2	5.80	2.60	7.78	5.39	48.49	ppb
Lead	206-1	0.07	0.06	0.04	0.06	27.53	ppb
Lead	207-1	0.08	0.07	0.07	0.07	8.95	ppb
Lead	208-1	0.08	0.06	0.06	0.06	21.15	ppb
Lithium	6-1				91		%
Magnesium	24-2	-41.49	-41.08	-38.36	-40.31		ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:13:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.19	0.16	0.17	12.46	ppb
Molybdenum	95-1	0.20	0.17	0.14	0.17	16.56	ppb
Molybdenum	96-1	0.17	0.17	0.18	0.17	5.00	ppb
Molybdenum	97-1	0.24	0.17	0.16	0.19	24.43	ppb
Molybdenum	98-1	0.22	0.16	0.16	0.18	18.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.17	-0.27	-0.24		ppb
Phosphorus	31-2	1.77	49.00	-22.27	9.50	381.70	ppb
Potassium	39-2	-14.93	6.50	-22.53	-10.32		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	-0.30	-0.30	0.65	0.02	3198.12	ppb
Selenium	82-1	-0.53	-0.12	0.09	-0.19		ppb
Silicon	28-1	-19.50	-18.99	-20.67	-19.72		ppb
Silver	109-1	0.60	0.55	0.52	0.56	7.18	ppb
Silver	107-1	0.66	0.52	0.54	0.57	13.92	ppb
Sodium	23-2	-129.60	-191.63	-158.52	-159.92		ppb
Strontium	86-1	0.05	0.02	-0.01	0.02	138.80	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	1002.28	ppb
Sulfur	34-1	-793.79	-784.03	-781.72	-786.52		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.06	0.07	11.52	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.77	ppb
Tin	118-1	0.03	0.06	0.04	0.04	37.59	ppb
Titanium	47-1	0.04	0.05	0.18	0.09	86.64	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	41.81	ppb
Vanadium	51-2	0.00	-0.01	0.05	0.01	223.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.13	0.04	-0.08	0.03	376.05	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	19.31	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:13:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.00	0.02	145.91	ppb

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	142	108	133	128	13.57	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	33	83	100	72	48.05	cps
Barium	137-1	100	67	83	83	20.00	cps
Beryllium	9-1	117	106	128	117	9.52	cps
Bismuth	209-1	6099445	6142286	6206261	6149330	0.87	cps
Bismuth	209-2	1624531	1639450	1638322	1634101	0.51	cps
Boron	10-1	367	275	233	292	23.39	cps
Boron	11-1	1267	1200	1342	1270	5.58	cps
Cadmium	111-1	860	901	1035	932	9.82	cps
Cadmium	106-1	1225	1250	1484	1320	10.80	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	900	800	900	867	6.66	cps
Calcium	44-1	26860	26768	27453	27027	1.38	cps
Chromium	52-2	380	373	307	353	11.48	cps
Cobalt	59-2	43	77	60	60	27.78	cps
Copper	63-2	450	473	397	440	8.93	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	75	75	50	67	21.65	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	9415377	9449316	9392362	9419018	0.30	cps
Holmium	165-2	2065866	2092516	2073782	2077388	0.66	cps
Indium	115-1	7620193	7648679	7599432	7622768	0.32	cps
Indium	115-2	340130	342971	337860	340321	0.75	cps
Iron	56-2	1678	1628	1689	1665	1.96	cps
Iron	57-2	50	67	44	54	21.53	cps
Lead	206-1	328	317	356	333	6.01	cps
Lead	207-1	250	400	239	296	30.37	cps
Lead	208-1	1228	1361	1189	1259	7.17	cps
Lithium	6-1	1183917	1164566	1184432	1177638	0.96	cps
Magnesium	24-2	1825	1433	1775	1678	12.71	cps
Manganese	55-2	27	10	37	24	55.11	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	300	233	244	20.83	cps
Molybdenum	95-1	50	108	75	78	37.63	cps
Molybdenum	96-1	183	167	117	156	22.30	cps
Molybdenum	97-1	100	100	108	103	4.68	cps
Molybdenum	98-1	217	125	258	200	34.10	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	387	327	349	9.43	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	2867	2942	3125	2978	4.46	cps
Rhodium	103-1	7056586	7076081	7089978	7074215	0.24	cps
Rhodium	103-2	1904322	1923694	1919105	1915707	0.53	cps
Scandium	45-1	4225489	4188705	4174710	4196301	0.63	cps
Scandium	45-2	35973	36835	37260	36689	1.79	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-52	73	66	29	241.97	cps
Silicon	28-1	394427	388468	391127	391341	0.76	cps
Silver	109-1	458	383	458	433	9.99	cps
Silver	107-1	483	383	558	475	18.48	cps
Sodium	23-2	45123	43885	43543	44184	1.88	cps
Strontium	86-1	550	742	742	678	16.33	cps
Strontium	88-1	950	850	767	856	10.73	cps
Sulfur	34-1	353233	351747	352686	352555	0.21	cps
Terbium	159-1	9933381	9893848	9769635	9865621	0.87	cps
Terbium	159-2	1998774	1993615	2002017	1998136	0.21	cps
Thallium	203-1	167	325	192	228	37.37	cps
Thallium	205-1	483	692	700	625	19.64	cps
Tin	118-1	1800	1734	1600	1711	5.95	cps
Titanium	47-1	167	142	92	133	28.64	cps
Uranium	238-1	100	125	192	139	34.12	cps
Vanadium	51-2	10	10	13	11	17.30	cps
Yttrium	89-1	8036634	7987673	7939305	7987871	0.61	cps
Yttrium	89-2	253928	257025	255516	255489	0.61	cps
Zinc	66-2	27	20	27	24	15.75	cps
Zirconium	90-1	458	467	542	489	9.39	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:27:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	108	192	133	38.02	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	67	100	94	26.96	cps
Antimony	121-1	13874	13766	13599	13747	1.01	cps
Arsenic	75-2	80	74	89	81	9.25	cps
Barium	135-1	14817	14867	15184	14956	1.33	cps
Barium	137-1	25843	25242	26202	25762	1.88	cps
Beryllium	9-1	1011	961	978	983	2.59	cps
Bismuth	209-1	5970020	5903855	5879999	5917958	0.79	cps
Bismuth	209-2	1584648	1584106	1568246	1579000	0.59	cps
Boron	10-1	2484	2667	2525	2559	3.76	cps
Boron	11-1	10938	12056	11864	11619	5.14	cps
Cadmium	111-1	2335	2563	2165	2354	8.49	cps
Cadmium	106-1	1559	1709	1150	1472	19.63	cps
Cadmium	108-1	133	113	88	111	20.66	cps
Calcium	43-1	8061	7502	7411	7658	4.60	cps
Calcium	44-1	136912	140439	140893	139415	1.56	cps
Chromium	52-2	1523	1693	1727	1648	6.62	cps
Cobalt	59-2	1353	1440	1457	1417	3.92	cps
Copper	63-2	2704	2777	2804	2761	1.88	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	9234450	9204480	9150541	9196490	0.46	cps
Holmium	165-2	1975106	1978384	1964288	1972593	0.37	cps
Indium	115-1	7458490	7438190	7354132	7416937	0.75	cps
Indium	115-2	327915	326422	324896	326411	0.46	cps
Iron	56-2	23086	23198	23103	23129	0.26	cps
Iron	57-2	556	561	706	607	14.00	cps
Lead	206-1	4662	4773	4484	4640	3.14	cps
Lead	207-1	4507	4312	4362	4393	2.30	cps
Lead	208-1	19167	19117	18845	19043	0.91	cps
Lithium	6-1	1135086	1136608	1125411	1132368	0.54	cps
Magnesium	24-2	13440	13215	13107	13254	1.28	cps
Manganese	55-2	203	203	270	226	17.06	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12164	11472	12565	12067	4.58	cps
Molybdenum	95-1	14266	13774	13791	13944	2.00	cps
Molybdenum	96-1	15776	15526	15710	15671	0.83	cps
Molybdenum	97-1	8561	9329	9037	8976	4.31	cps
Molybdenum	98-1	22511	21760	22219	22163	1.71	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	680	620	713	671	7.05	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	9287	9270	9470	9342	1.19	cps
Rhodium	103-1	6865418	6838771	6800280	6834823	0.48	cps
Rhodium	103-2	1837228	1834676	1832141	1834682	0.14	cps
Scandium	45-1	4033117	4035328	4011599	4026681	0.33	cps
Scandium	45-2	35532	35558	35552	35547	0.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	11	20	12	60.60	cps
Selenium	82-1	470	395	432	432	8.72	cps
Silicon	28-1	427781	427545	429674	428333	0.27	cps
Silver	109-1	5827	5585	5960	5790	3.28	cps
Silver	107-1	5718	5968	6411	6032	5.81	cps
Sodium	23-2	68858	69604	69311	69258	0.54	cps
Strontium	86-1	2717	2392	2534	2548	6.40	cps
Strontium	88-1	17111	16769	16310	16730	2.40	cps
Sulfur	34-1	346888	345668	343902	345486	0.43	cps
Terbium	159-1	9647043	9525765	9616525	9596444	0.66	cps
Terbium	159-2	1909250	1915380	1872049	1898893	1.23	cps
Thallium	203-1	5760	5526	5835	5707	2.82	cps
Thallium	205-1	13449	13349	13608	13469	0.97	cps
Tin	118-1	25149	25175	24615	24980	1.27	cps
Titanium	47-1	4151	3817	3617	3862	6.98	cps
Uranium	238-1	16487	17313	16503	16767	2.82	cps
Vanadium	51-2	2467	2267	2244	2326	5.28	cps
Yttrium	89-1	7794696	7757522	7698277	7750165	0.63	cps
Yttrium	89-2	245334	245634	243266	244745	0.53	cps
Zinc	66-2	250	233	280	254	9.29	cps
Zirconium	90-1	10446	10021	10571	10346	2.79	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:34:25	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2525	2234	2517	2425	6.85	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4818	5126	5210	5051	4.09	cps
Antimony	121-1	370204	375552	360900	368885	2.01	cps
Arsenic	75-2	4153	4121	4065	4113	1.07	cps
Barium	135-1	397167	398880	386729	394259	1.67	cps
Barium	137-1	688514	698152	666293	684320	2.39	cps
Beryllium	9-1	42725	43043	40992	42253	2.61	cps
Bismuth	209-1	5943728	5873017	5732048	5849598	1.84	cps
Bismuth	209-2	1561902	1588448	1573367	1574572	0.85	cps
Boron	10-1	4543	4709	4751	4668	2.36	cps
Boron	11-1	22986	23420	23712	23372	1.56	cps
Cadmium	111-1	79431	80466	76300	78732	2.76	cps
Cadmium	106-1	9604	9579	9245	9476	2.11	cps
Cadmium	108-1	5601	6097	5335	5678	6.82	cps
Calcium	43-1	73953	76492	73527	74657	2.15	cps
Calcium	44-1	1284262	1262265	1220821	1255783	2.57	cps
Chromium	52-2	33193	33116	34299	33536	1.97	cps
Cobalt	59-2	70886	72826	72397	72036	1.41	cps
Copper	63-2	123458	126613	124478	124850	1.29	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	67	33	42	52.91	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	42	42	56	43.30	cps
Gadolinium	160-2	0	13	0	4	173.21	cps
Holmium	165-1	9177188	9234035	8853102	9088108	2.26	cps
Holmium	165-2	1963489	1985783	1947045	1965439	0.99	cps
Indium	115-1	7435225	7375807	7112296	7307776	2.35	cps
Indium	115-2	321293	326659	323815	323922	0.83	cps
Iron	56-2	1126731	1137360	1119264	1127785	0.81	cps
Iron	57-2	28596	28001	28124	28240	1.11	cps
Lead	206-1	237087	233249	227616	232651	2.05	cps
Lead	207-1	211920	213045	205687	210217	1.89	cps
Lead	208-1	961226	948790	920501	943506	2.21	cps
Lithium	6-1	1117495	1126765	1098694	1114318	1.28	cps
Magnesium	24-2	121851	123230	118935	121339	1.81	cps
Manganese	55-2	19243	19804	18626	19225	3.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	621287	623072	588649	611003	3.17	cps
Molybdenum	95-1	753493	754498	728733	745575	1.96	cps
Molybdenum	96-1	846408	840707	808781	831965	2.44	cps
Molybdenum	97-1	472948	475719	457363	468677	2.11	cps
Molybdenum	98-1	1203607	1214078	1172570	1196752	1.80	cps
Neodymium	150-1	60	27	33	40	44.09	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21280	21363	21403	21349	0.30	cps
Phosphorus	31-2	308	408	342	353	14.43	cps
Potassium	39-2	36557	38495	37685	37579	2.59	cps
Rhodium	103-1	6734533	6811373	6590980	6712295	1.67	cps
Rhodium	103-2	1786179	1829423	1804124	1806575	1.20	cps
Scandium	45-1	4041340	4051052	3897260	3996551	2.15	cps
Scandium	45-2	34025	34579	34469	34358	0.85	cps
Selenium	77-2	63	37	13	38	66.23	cps
Selenium	78-2	83	128	109	107	20.91	cps
Selenium	82-1	4892	4875	4563	4776	3.88	cps
Silicon	28-1	549377	552827	544016	548740	0.81	cps
Silver	109-1	362192	369216	351237	360881	2.51	cps
Silver	107-1	384692	384967	366663	378774	2.77	cps
Sodium	23-2	317871	321464	315060	318132	1.01	cps
Strontium	86-1	97731	98075	96096	97301	1.09	cps
Strontium	88-1	853840	847255	823388	841494	1.90	cps
Sulfur	34-1	364683	368394	363084	365387	0.75	cps
Terbium	159-1	9547058	9566321	9290643	9468007	1.63	cps
Terbium	159-2	1879677	1937545	1890811	1902677	1.61	cps
Thallium	203-1	288894	288297	279907	285699	1.76	cps
Thallium	205-1	696452	698387	666825	687221	2.57	cps
Tin	118-1	253896	252035	246783	250904	1.47	cps
Titanium	47-1	189904	193750	183158	188937	2.84	cps
Uranium	238-1	913188	911105	877238	900510	2.24	cps
Vanadium	51-2	24846	25604	24789	25079	1.81	cps
Yttrium	89-1	7724927	7708566	7446855	7626782	2.05	cps
Yttrium	89-2	240133	243216	241804	241717	0.64	cps
Zinc	66-2	11115	11068	10908	11030	0.98	cps
Zirconium	90-1	522940	518930	496279	512716	2.80	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:37:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	114234	113994	109967	112731	2.13	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13374	12940	12381	12898	3.86	cps
Antimony	121-1	954193	963231	953292	956905	0.57	cps
Arsenic	75-2	10767	10530	10293	10530	2.25	cps
Barium	135-1	1030209	1029174	1030935	1030106	0.09	cps
Barium	137-1	1810195	1844224	1814563	1822994	1.02	cps
Beryllium	9-1	108724	109446	109996	109389	0.58	cps
Bismuth	209-1	6130555	6137027	6202878	6156820	0.65	cps
Bismuth	209-2	1608290	1609429	1592754	1603491	0.58	cps
Boron	10-1	11739	12247	12656	12214	3.76	cps
Boron	11-1	56177	58637	58587	57801	2.43	cps
Cadmium	111-1	204020	204846	204720	204529	0.22	cps
Cadmium	106-1	21869	21827	21944	21880	0.27	cps
Cadmium	108-1	14541	14721	14541	14601	0.71	cps
Calcium	43-1	193256	192679	192654	192863	0.18	cps
Calcium	44-1	3160976	3143081	3171337	3158465	0.45	cps
Chromium	52-2	83450	83406	83071	83309	0.25	cps
Cobalt	59-2	180366	181241	180637	180748	0.25	cps
Copper	63-2	314728	315232	312995	314318	0.37	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	92	33	33	53	63.81	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9592354	9612672	9477599	9560875	0.76	cps
Holmium	165-2	2031799	1992225	2022114	2015379	1.02	cps
Indium	115-1	7594475	7577969	7594695	7589046	0.13	cps
Indium	115-2	325049	326354	324285	325229	0.32	cps
Iron	56-2	2851552	2839620	2815061	2835411	0.66	cps
Iron	57-2	69378	69646	70813	69945	1.09	cps
Lead	206-1	614338	610557	610088	611661	0.38	cps
Lead	207-1	551929	553677	547408	551005	0.59	cps
Lead	208-1	2483413	2491275	2486210	2486966	0.16	cps
Lithium	6-1	1145623	1142392	1150926	1146313	0.38	cps
Magnesium	24-2	302811	300945	298988	300915	0.64	cps
Manganese	55-2	48223	47056	47471	47583	1.24	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1583143	1607731	1571532	1587469	1.16	cps
Molybdenum	95-1	1961365	1974683	1959447	1965165	0.42	cps
Molybdenum	96-1	2196770	2201212	2179941	2192641	0.51	cps
Molybdenum	97-1	1212089	1211969	1201097	1208385	0.52	cps
Molybdenum	98-1	3193623	3161810	3153135	3169523	0.67	cps
Neodymium	150-1	40	60	53	51	19.92	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53576	52780	51933	52763	1.56	cps
Phosphorus	31-2	925	908	867	900	3.34	cps
Potassium	39-2	88662	90096	87387	88715	1.53	cps
Rhodium	103-1	6943586	6938662	6887378	6923209	0.45	cps
Rhodium	103-2	1827751	1830282	1828174	1828736	0.07	cps
Scandium	45-1	4083408	4102891	4168275	4118191	1.08	cps
Scandium	45-2	34813	34335	34199	34449	0.94	cps
Selenium	77-2	87	90	83	87	3.84	cps
Selenium	78-2	230	259	259	249	6.86	cps
Selenium	82-1	12196	12213	11983	12131	1.06	cps
Silicon	28-1	805804	804827	801035	803889	0.31	cps
Silver	109-1	948837	944126	948324	947095	0.27	cps
Silver	107-1	991683	991105	994917	992568	0.21	cps
Sodium	23-2	727657	735979	721820	728485	0.98	cps
Strontium	86-1	254733	251174	250392	252100	0.92	cps
Strontium	88-1	2216612	2206139	2176582	2199778	0.94	cps
Sulfur	34-1	395644	395757	396905	396102	0.18	cps
Terbium	159-1	9931424	9957633	9880970	9923343	0.39	cps
Terbium	159-2	1971379	1916262	1931332	1939657	1.47	cps
Thallium	203-1	749979	756256	748647	751627	0.54	cps
Thallium	205-1	1818712	1832609	1814927	1822083	0.51	cps
Tin	118-1	644965	656259	651450	650892	0.87	cps
Titanium	47-1	475304	480413	482868	479528	0.80	cps
Uranium	238-1	2441878	2412645	2439614	2431379	0.67	cps
Vanadium	51-2	63141	62201	62334	62559	0.81	cps
Yttrium	89-1	7942503	7946184	7878523	7922403	0.48	cps
Yttrium	89-2	245884	245327	244645	245285	0.25	cps
Zinc	66-2	27841	27942	26933	27572	2.02	cps
Zirconium	90-1	1330109	1330710	1335393	1332071	0.22	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:41:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	294230	299515	296368	296704	0.90	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 13:44:46 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24272	24555	23579	24135	2.08	cps
Antimony	121-1	1981238	1958624	1946059	1961974	0.91	cps
Arsenic	75-2	20823	21452	20938	21071	1.59	cps
Barium	135-1	2132202	2119204	2069384	2106930	1.57	cps
Barium	137-1	3681478	3688131	3587926	3652512	1.53	cps
Beryllium	9-1	212625	211633	211217	211825	0.34	cps
Bismuth	209-1	6240014	6260855	6297411	6266093	0.46	cps
Bismuth	209-2	1576536	1360051	1590193	1508927	8.56	cps
Boron	10-1	23720	24063	24296	24026	1.21	cps
Boron	11-1	112731	114277	118033	115014	2.37	cps
Cadmium	111-1	406668	402139	404340	404382	0.56	cps
Cadmium	106-1	42610	41683	42184	42159	1.10	cps
Cadmium	108-1	28455	29224	28184	28621	1.88	cps
Calcium	43-1	386011	383212	380560	383261	0.71	cps
Calcium	44-1	6268125	6192175	6170086	6210129	0.83	cps
Chromium	52-2	162730	164794	163697	163740	0.63	cps
Cobalt	59-2	351329	356127	350265	352574	0.89	cps
Copper	63-2	610988	617601	611186	613258	0.61	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	58	83	50	64	27.15	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	9788176	9671727	9706758	9722220	0.61	cps
Holmium	165-2	2008332	1712483	2003820	1908212	8.88	cps
Indium	115-1	7615235	7640194	7592891	7616107	0.31	cps
Indium	115-2	319203	272025	320635	303954	9.10	cps
Iron	56-2	5443141	5570578	5495681	5503133	1.16	cps
Iron	57-2	138565	139771	137840	138725	0.70	cps
Lead	206-1	1235195	1228032	1233684	1232304	0.31	cps
Lead	207-1	1110133	1119738	1119711	1116527	0.50	cps
Lead	208-1	5087255	5137517	5145392	5123388	0.62	cps
Lithium	6-1	1129820	1139234	1148912	1139322	0.84	cps
Magnesium	24-2	589132	591982	578223	586446	1.24	cps
Manganese	55-2	93460	94839	93363	93887	0.88	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:44:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3182165	3196836	3168215	3182405	0.45	cps
Molybdenum	95-1	3931364	3917241	3882579	3910395	0.64	cps
Molybdenum	96-1	4387075	4387182	4314002	4362753	0.97	cps
Molybdenum	97-1	2512850	2479701	2492994	2495182	0.67	cps
Molybdenum	98-1	6234145	6176688	6278424	6229752	0.82	cps
Neodymium	150-1	127	147	100	124	18.81	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	102376	104381	102500	103086	1.09	cps
Phosphorus	31-2	1483	1533	1800	1606	10.60	cps
Potassium	39-2	171070	173818	170918	171935	0.95	cps
Rhodium	103-1	6941608	6880868	6905640	6909372	0.44	cps
Rhodium	103-2	1799916	1519030	1811223	1710056	9.68	cps
Scandium	45-1	4117521	4070316	4054668	4080835	0.80	cps
Scandium	45-2	33470	28971	33173	31871	7.89	cps
Selenium	77-2	127	213	120	153	33.96	cps
Selenium	78-2	504	532	467	501	6.50	cps
Selenium	82-1	24864	24688	24677	24743	0.42	cps
Silicon	28-1	1101252	1082689	1087257	1090399	0.89	cps
Silver	109-1	1937434	1895482	1914912	1915942	1.10	cps
Silver	107-1	2021796	2023993	1986683	2010824	1.04	cps
Sodium	23-2	1414277	1407362	1412348	1411329	0.25	cps
Strontium	86-1	502698	502226	500700	501875	0.21	cps
Strontium	88-1	4369542	4376666	4319595	4355268	0.71	cps
Sulfur	34-1	440551	431381	427255	433063	1.57	cps
Terbium	159-1	10073289	10004017	10014425	10030577	0.37	cps
Terbium	159-2	1944327	1648518	1955423	1849423	9.41	cps
Thallium	203-1	1527019	1530243	1533114	1530125	0.20	cps
Thallium	205-1	3698811	3635111	3702383	3678768	1.03	cps
Tin	118-1	1294471	1311588	1299649	1301903	0.67	cps
Titanium	47-1	957656	953021	952077	954251	0.31	cps
Uranium	238-1	4931422	4938592	4962374	4944130	0.33	cps
Vanadium	51-2	123640	123545	123091	123425	0.24	cps
Yttrium	89-1	8039636	7985515	7961110	7995420	0.50	cps
Yttrium	89-2	237214	204349	242199	227921	9.02	cps
Zinc	66-2	53670	54155	53884	53903	0.45	cps
Zirconium	90-1	2707855	2699583	2692778	2700072	0.28	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:44:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	593669	584985	583470	587375	0.94	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 13:48:02 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48459	48567	48108	48378	0.50	cps
Antimony	121-1	3932677	3908481	3877104	3906087	0.71	cps
Arsenic	75-2	41588	41351	40983	41307	0.74	cps
Barium	135-1	4177217	4212449	4208382	4199349	0.46	cps
Barium	137-1	7259805	7172620	7248875	7227100	0.66	cps
Beryllium	9-1	421679	414385	419288	418451	0.89	cps
Bismuth	209-1	6282299	6313972	6303059	6299777	0.26	cps
Bismuth	209-2	1347163	1554909	1605713	1502595	9.12	cps
Boron	10-1	46719	46243	49720	47561	3.96	cps
Boron	11-1	224573	225250	231954	227259	1.80	cps
Cadmium	111-1	809206	807872	810209	809095	0.14	cps
Cadmium	106-1	84004	84112	83526	83880	0.37	cps
Cadmium	108-1	57351	58083	58531	57988	1.03	cps
Calcium	43-1	755985	773077	764928	764664	1.12	cps
Calcium	44-1	12376648	12380432	12559951	12439010	0.84	cps
Chromium	52-2	324065	322776	321478	322773	0.40	cps
Cobalt	59-2	695510	693333	694883	694576	0.16	cps
Copper	63-2	1216048	1210112	1209970	1212043	0.29	cps
Dysprosium	156-1	58	42	50	50	16.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9836213	9808222	9812790	9819075	0.15	cps
Holmium	165-2	1718651	2003060	2018560	1913424	8.82	cps
Indium	115-1	7596158	7580855	7609085	7595366	0.19	cps
Indium	115-2	268852	307954	321524	299444	9.13	cps
Iron	56-2	10805706	10867108	10818391	10830401	0.30	cps
Iron	57-2	272952	274550	272925	273476	0.34	cps
Lead	206-1	2513290	2519686	2517601	2516859	0.13	cps
Lead	207-1	2329052	2312316	2352297	2331222	0.86	cps
Lead	208-1	10418103	10396662	10455395	10423387	0.29	cps
Lithium	6-1	1126715	1148544	1135363	1136874	0.97	cps
Magnesium	24-2	1176353	1164097	1149964	1163471	1.14	cps
Manganese	55-2	186423	187949	185926	186766	0.56	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:48:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6362033	6288594	6334666	6328431	0.59	cps
Molybdenum	95-1	7782185	7821842	7889704	7831243	0.69	cps
Molybdenum	96-1	8756044	8734599	8726858	8739167	0.17	cps
Molybdenum	97-1	5019333	4959940	4982628	4987300	0.60	cps
Molybdenum	98-1	12686060	12552510	12620894	12619821	0.53	cps
Neodymium	150-1	187	167	200	184	9.10	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	201998	203074	202932	202668	0.29	cps
Phosphorus	31-2	3259	3376	3751	3462	7.42	cps
Potassium	39-2	335498	335607	328239	333115	1.27	cps
Rhodium	103-1	6895638	6859856	6813701	6856398	0.60	cps
Rhodium	103-2	1513896	1715594	1817098	1682196	9.17	cps
Scandium	45-1	4072612	4078867	4092338	4081272	0.25	cps
Scandium	45-2	28524	32932	34098	31851	9.23	cps
Selenium	77-2	283	220	310	271	17.05	cps
Selenium	78-2	1000	913	982	965	4.75	cps
Selenium	82-1	49300	49050	49464	49271	0.42	cps
Silicon	28-1	1757009	1755463	1771990	1761487	0.52	cps
Silver	109-1	3838440	3807972	3835032	3827148	0.44	cps
Silver	107-1	3983918	4020191	3969248	3991119	0.66	cps
Sodium	23-2	2746288	2720326	2690177	2718930	1.03	cps
Strontium	86-1	1019876	1009712	1006540	1012043	0.69	cps
Strontium	88-1	8730400	8686674	8613921	8676999	0.68	cps
Sulfur	34-1	533126	525191	529694	529337	0.75	cps
Terbium	159-1	10284047	10109548	10236979	10210191	0.88	cps
Terbium	159-2	1642936	1910238	1976538	1843238	9.58	cps
Thallium	203-1	3172216	3158974	3148267	3159819	0.38	cps
Thallium	205-1	7382505	7325079	7300183	7335922	0.58	cps
Tin	118-1	2674699	2681565	2666931	2674398	0.27	cps
Titanium	47-1	1933671	1913816	1934764	1927417	0.61	cps
Uranium	238-1	9879993	10076900	9987378	9981424	0.99	cps
Vanadium	51-2	245181	246354	243906	245147	0.50	cps
Yttrium	89-1	8068219	7937349	7997776	8001115	0.82	cps
Yttrium	89-2	203587	233260	243023	226623	9.06	cps
Zinc	66-2	107744	108194	107176	107705	0.47	cps
Zirconium	90-1	5415996	5375882	5395229	5395702	0.37	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:48:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1195122	1192478	1185923	1191174	0.40	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 13:51:15 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98373	97643	98383	98133	0.43	cps
Antimony	121-1	7989560	7897687	7913086	7933444	0.62	cps
Arsenic	75-2	83614	84555	83716	83962	0.61	cps
Barium	135-1	8491506	8480134	8464935	8478858	0.16	cps
Barium	137-1	14859033	14788227	14863394	14836885	0.28	cps
Beryllium	9-1	837534	838849	842938	839774	0.34	cps
Bismuth	209-1	6458456	6468906	6478764	6468709	0.16	cps
Bismuth	209-2	1619143	1637101	1629685	1628643	0.55	cps
Boron	10-1	97312	97145	100719	98392	2.05	cps
Boron	11-1	460490	472151	476679	469773	1.78	cps
Cadmium	111-1	1675112	1661606	1677147	1671288	0.51	cps
Cadmium	106-1	169825	169537	169283	169548	0.16	cps
Cadmium	108-1	118561	118351	116872	117928	0.78	cps
Calcium	43-1	1558946	1588540	1581185	1576224	0.98	cps
Calcium	44-1	25455565	25351938	25579074	25462192	0.45	cps
Chromium	52-2	647647	653330	656983	652653	0.72	cps
Cobalt	59-2	1395527	1400156	1408102	1401262	0.45	cps
Copper	63-2	2462491	2414865	2463209	2446855	1.13	cps
Dysprosium	156-1	108	117	83	103	16.88	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	25	50	44	39.04	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	67	75	75	72	6.66	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	10239476	10152243	10095440	10162387	0.71	cps
Holmium	165-2	2093488	2117232	2100963	2103894	0.58	cps
Indium	115-1	7749026	7703370	7705766	7719387	0.33	cps
Indium	115-2	318775	323853	318743	320457	0.92	cps
Iron	56-2	21830966	21985249	21919644	21911953	0.35	cps
Iron	57-2	550122	551685	551743	551183	0.17	cps
Lead	206-1	5128167	5208773	5183658	5173533	0.80	cps
Lead	207-1	4683746	4702250	4750780	4712259	0.73	cps
Lead	208-1	20986918	21068165	21060657	21038580	0.21	cps
Lithium	6-1	1131128	1161057	1151686	1147957	1.33	cps
Magnesium	24-2	2327462	2321525	2310679	2319889	0.37	cps
Manganese	55-2	376223	377299	376486	376669	0.15	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:51:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13114762	13123236	13056809	13098269	0.28	cps
Molybdenum	95-1	16012953	16202903	16183680	16133179	0.65	cps
Molybdenum	96-1	17850985	17925055	17858195	17878078	0.23	cps
Molybdenum	97-1	10134431	10212265	10148535	10165077	0.41	cps
Molybdenum	98-1	25882847	25852028	26022362	25919079	0.35	cps
Neodymium	150-1	413	387	393	398	3.49	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	404172	405133	406926	405410	0.34	cps
Phosphorus	31-2	6902	6969	7119	6996	1.59	cps
Potassium	39-2	672453	674083	671042	672526	0.23	cps
Rhodium	103-1	7044373	7021836	6890334	6985515	1.19	cps
Rhodium	103-2	1838540	1835548	1831408	1835165	0.20	cps
Scandium	45-1	4198453	4143411	4197108	4179657	0.75	cps
Scandium	45-2	34088	33604	34516	34069	1.34	cps
Selenium	77-2	530	563	527	540	3.76	cps
Selenium	78-2	1995	1972	1915	1961	2.10	cps
Selenium	82-1	99885	100990	100648	100508	0.56	cps
Silicon	28-1	2896851	2876471	2886874	2886732	0.35	cps
Silver	109-1	7645874	7662721	7673020	7660538	0.18	cps
Silver	107-1	8054441	8038744	8075712	8056299	0.23	cps
Sodium	23-2	5340847	5382432	5367216	5363499	0.39	cps
Strontium	86-1	2133357	2123936	2127439	2128244	0.22	cps
Strontium	88-1	17861646	18045471	17894451	17933856	0.55	cps
Sulfur	34-1	750734	752847	744413	749332	0.59	cps
Terbium	159-1	10585956	10490713	10458720	10511796	0.63	cps
Terbium	159-2	2000497	2028786	2009005	2012762	0.72	cps
Thallium	203-1	6317914	6294855	6289696	6300822	0.24	cps
Thallium	205-1	15032899	14996468	14994402	15007923	0.14	cps
Tin	118-1	5467552	5402129	5428330	5432670	0.61	cps
Titanium	47-1	3948286	3961850	3898391	3936175	0.85	cps
Uranium	238-1	20621733	20457221	20657697	20578884	0.52	cps
Vanadium	51-2	497899	496182	500075	498052	0.39	cps
Yttrium	89-1	8177096	8223045	8256754	8218965	0.49	cps
Yttrium	89-2	246861	247275	248396	247511	0.32	cps
Zinc	66-2	214183	214552	216726	215154	0.64	cps
Zirconium	90-1	11087646	11068765	11092297	11082903	0.11	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:51:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2485290	2511293	2486434	2494339	0.59	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	501535	506832	501149	503172	0.63	cps
Antimony	121-1	8720	8495	8937	8717	2.54	cps
Arsenic	75-2	31	37	24	31	21.08	cps
Barium	135-1	2167	2184	2225	2192	1.37	cps
Barium	137-1	3751	3926	3901	3859	2.45	cps
Beryllium	9-1	889	822	872	861	4.03	cps
Bismuth	209-1	6081080	6016017	6049986	6049027	0.54	cps
Bismuth	209-2	1524659	1533455	1526300	1528138	0.31	cps
Boron	10-1	4209	4009	3984	4067	3.03	cps
Boron	11-1	19973	17653	17028	18218	8.52	cps
Cadmium	111-1	1048	1187	1276	1170	9.85	cps
Cadmium	106-1	1283	1475	1533	1431	9.14	cps
Cadmium	108-1	25	42	38	35	24.98	cps
Calcium	43-1	7984786	7976979	8025116	7995627	0.32	cps
Calcium	44-1	130795857	130866470	131648574	131103633	0.36	cps
Chromium	52-2	6121	5935	6071	6043	1.60	cps
Cobalt	59-2	1653	1467	1627	1582	6.38	cps
Copper	63-2	3020	3030	2930	2994	1.84	cps
Dysprosium	156-1	58	83	67	69	18.33	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	67	58	83	69	18.33	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	20	20	33	24	31.49	cps
Holmium	165-1	10079515	9938147	9918024	9978562	0.88	cps
Holmium	165-2	2071366	2087929	2067162	2075486	0.53	cps
Indium	115-1	7510232	7558367	7544648	7537749	0.33	cps
Indium	115-2	321628	322204	321836	321889	0.09	cps
Iron	56-2	110839466	111336036	110980505	111052002	0.23	cps
Iron	57-2	2854992	2815823	2836711	2835842	0.69	cps
Lead	206-1	7319	7402	7169	7297	1.62	cps
Lead	207-1	6480	6141	6296	6305	2.69	cps
Lead	208-1	29247	29203	28647	29032	1.15	cps
Lithium	6-1	1106725	1121390	1138318	1122144	1.41	cps
Magnesium	24-2	11845071	11861793	11869751	11858871	0.11	cps
Manganese	55-2	963	887	880	910	5.09	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4134	4684	4493	4437	6.29	cps
Molybdenum	95-1	8603	8094	7969	8222	4.08	cps
Molybdenum	96-1	9012	9120	9529	9220	2.96	cps
Molybdenum	97-1	4693	4251	4001	4315	8.12	cps
Molybdenum	98-1	9646	9420	9429	9498	1.34	cps
Neodymium	150-1	93	87	127	102	20.96	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	2814	2584	2787	2728	4.61	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3491913	3499557	3481550	3491007	0.26	cps
Rhodium	103-1	6689501	6639010	6729527	6686013	0.68	cps
Rhodium	103-2	1773530	1776999	1776018	1775516	0.10	cps
Scandium	45-1	4184058	4189515	4202574	4192049	0.23	cps
Scandium	45-2	35398	35271	35632	35434	0.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	7	3	94	35	147.48	cps
Silicon	28-1	816532	842810	854155	837833	2.30	cps
Silver	109-1	9445	9162	9504	9370	1.95	cps
Silver	107-1	10104	10446	9362	9971	5.56	cps
Sodium	23-2	27545581	27423231	27587318	27518710	0.31	cps
Strontium	86-1	71680	71236	69929	70948	1.28	cps
Strontium	88-1	613188	609593	604072	608951	0.75	cps
Sulfur	34-1	315381	317084	320026	317497	0.74	cps
Terbium	159-1	10414322	10335184	10366603	10372036	0.38	cps
Terbium	159-2	2015964	1994034	1999282	2003093	0.57	cps
Thallium	203-1	1742	1975	2059	1925	8.53	cps
Thallium	205-1	5093	4168	4318	4526	10.97	cps
Tin	118-1	5093	4893	4693	4893	4.09	cps
Titanium	47-1	675	683	708	689	2.52	cps
Uranium	238-1	558	567	608	578	4.64	cps
Vanadium	51-2	67	73	80	73	9.09	cps
Yttrium	89-1	8190128	8114081	8108546	8137585	0.56	cps
Yttrium	89-2	253134	250873	251117	251708	0.49	cps
Zinc	66-2	473	493	553	507	8.22	cps
Zirconium	90-1	1400	1333	1292	1342	4.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 13:54:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	300	275	289	4.41	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 15:00:20 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2984	2742	2767	2831	4.70	cps
Antimony	121-1	1549107	1513275	1548568	1536983	1.34	cps
Arsenic	75-2	18006	18077	17939	18007	0.38	cps
Barium	135-1	166661	166282	167243	166729	0.29	cps
Barium	137-1	288245	286331	290586	288388	0.74	cps
Beryllium	9-1	88186	88135	89052	88458	0.58	cps
Bismuth	209-1	6047017	6088166	6043573	6059585	0.41	cps
Bismuth	209-2	1732163	1660368	1662110	1684880	2.43	cps
Boron	10-1	55467	57692	57047	56735	2.02	cps
Boron	11-1	266424	269130	275719	270424	1.77	cps
Cadmium	111-1	166538	166658	169407	167534	0.97	cps
Cadmium	106-1	28531	28498	28406	28478	0.23	cps
Cadmium	108-1	15422	15638	15509	15523	0.70	cps
Calcium	43-1	34527	36256	34894	35226	2.59	cps
Calcium	44-1	556504	566314	569334	564051	1.19	cps
Chromium	52-2	72439	70221	70121	70927	1.85	cps
Cobalt	59-2	155257	154721	154738	154905	0.20	cps
Copper	63-2	133857	134729	132363	133650	0.90	cps
Dysprosium	156-1	25	25	67	39	61.86	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	92	67	67	75	19.24	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Holmium	165-1	9434360	9512040	9418807	9455069	0.53	cps
Holmium	165-2	2096400	2113730	2079442	2096524	0.82	cps
Indium	115-1	7649552	7651871	7644756	7648726	0.05	cps
Indium	115-2	347995	342222	343191	344469	0.90	cps
Iron	56-2	490724	487148	485189	487687	0.58	cps
Iron	57-2	11961	11839	11700	11833	1.10	cps
Lead	206-1	968390	968534	972961	969962	0.27	cps
Lead	207-1	843165	846564	846364	845364	0.23	cps
Lead	208-1	3954006	3968406	3962140	3961517	0.18	cps
Lithium	6-1	1152118	1150019	1152701	1151613	0.12	cps
Magnesium	24-2	32864	32087	32647	32533	1.23	cps
Manganese	55-2	20892	20652	21009	20851	0.87	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:00:20	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3078188	3136625	3127192	3114001	1.01	cps
Molybdenum	95-1	1697135	1706583	1709430	1704383	0.38	cps
Molybdenum	96-1	2212008	2206021	2216318	2211449	0.23	cps
Molybdenum	97-1	1033757	1045477	1039101	1039445	0.56	cps
Molybdenum	98-1	2723939	2746191	2727107	2732412	0.44	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	46163	45407	45983	45851	0.86	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	34218	33875	33474	33856	1.10	cps
Rhodium	103-1	7175134	7177575	7086079	7146262	0.73	cps
Rhodium	103-2	1939567	1936913	1934882	1937121	0.12	cps
Scandium	45-1	4220584	4236384	4262080	4239683	0.49	cps
Scandium	45-2	38750	38703	38396	38616	0.50	cps
Selenium	77-2	137	180	157	158	13.74	cps
Selenium	78-2	435	446	406	429	4.91	cps
Selenium	82-1	19904	20465	20491	20287	1.64	cps
Silicon	28-1	1835589	1858171	1866673	1853478	0.87	cps
Silver	109-1	748266	766942	754704	756637	1.25	cps
Silver	107-1	791176	796281	800639	796032	0.60	cps
Sodium	23-2	159583	159703	157723	159003	0.70	cps
Strontium	86-1	1078043	1097239	1090928	1088736	0.90	cps
Strontium	88-1	9303982	9410049	9364272	9359435	0.57	cps
Sulfur	34-1	338005	339345	340889	339413	0.43	cps
Terbium	159-1	9811622	9894927	9826805	9844451	0.45	cps
Terbium	159-2	2022272	2073734	1997546	2031184	1.91	cps
Thallium	203-1	1213661	1214960	1215265	1214629	0.07	cps
Thallium	205-1	2909003	2928149	2939342	2925498	0.52	cps
Tin	118-1	2852440	2842370	2883258	2859356	0.75	cps
Titanium	47-1	427117	430390	434887	430798	0.91	cps
Uranium	238-1	10043253	10035557	10024382	10034397	0.09	cps
Vanadium	51-2	53930	53944	54499	54124	0.60	cps
Yttrium	89-1	7973615	8142313	8066482	8060803	1.05	cps
Yttrium	89-2	261783	261246	262417	261816	0.22	cps
Zinc	66-2	24542	24241	23307	24030	2.68	cps
Zirconium	90-1	5969170	6086179	6001165	6018838	1.00	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:00:20	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1316559	1333180	1331575	1327105	0.69	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 15:03:24 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	8	14	124.91	cps
Antimony	121-1	833	758	1108	900	20.47	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	33	17	58	36	58.08	cps
Beryllium	9-1	256	189	189	211	18.23	cps
Bismuth	209-1	6089209	6050647	5972270	6037376	0.99	cps
Bismuth	209-2	1651070	1651664	1650521	1651085	0.03	cps
Boron	10-1	2392	2000	2259	2217	8.98	cps
Boron	11-1	11021	10062	9487	10190	7.61	cps
Cadmium	111-1	942	873	1028	947	8.18	cps
Cadmium	106-1	1350	1233	1450	1345	8.07	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Calcium	43-1	958	792	858	870	9.65	cps
Calcium	44-1	17971	17136	17528	17545	2.38	cps
Chromium	52-2	330	357	273	320	13.30	cps
Cobalt	59-2	47	47	43	46	4.23	cps
Copper	63-2	367	370	450	396	11.93	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	50	33	49.99	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	9477108	9390881	9486202	9451397	0.56	cps
Holmium	165-2	2069518	2088787	2048185	2068830	0.98	cps
Indium	115-1	7621657	7632565	7662966	7639063	0.28	cps
Indium	115-2	347193	346030	346472	346565	0.17	cps
Iron	56-2	1239	1283	1239	1254	2.05	cps
Iron	57-2	50	28	39	39	28.57	cps
Lead	206-1	344	267	433	348	23.95	cps
Lead	207-1	350	294	283	309	11.55	cps
Lead	208-1	1578	1456	1467	1500	4.51	cps
Lithium	6-1	1139696	1160770	1165965	1155477	1.20	cps
Magnesium	24-2	958	1050	1075	1028	5.98	cps
Manganese	55-2	37	13	33	28	45.44	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:03:24	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	317	292	275	18.92	cps
Molybdenum	95-1	250	133	125	169	41.24	cps
Molybdenum	96-1	192	283	325	267	25.58	cps
Molybdenum	97-1	133	192	117	147	26.75	cps
Molybdenum	98-1	250	275	250	258	5.59	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	347	297	267	303	13.32	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3025	2992	2809	2942	3.97	cps
Rhodium	103-1	7099685	7095194	7090271	7095050	0.07	cps
Rhodium	103-2	1925790	1942564	1941974	1936776	0.49	cps
Scandium	45-1	4183906	4160556	4207661	4184041	0.56	cps
Scandium	45-2	37577	38750	37457	37928	1.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-71	-17	-69	-52	-57.95	cps
Silicon	28-1	387170	384755	383410	385112	0.49	cps
Silver	109-1	2759	2334	2242	2445	11.28	cps
Silver	107-1	2675	2542	1992	2403	15.08	cps
Sodium	23-2	38444	38771	39188	38801	0.96	cps
Strontium	86-1	550	567	617	578	6.00	cps
Strontium	88-1	200	142	200	181	18.65	cps
Sulfur	34-1	340650	337417	337494	338520	0.54	cps
Terbium	159-1	9933269	9733950	9815290	9827503	1.02	cps
Terbium	159-2	2013236	2018672	2017582	2016497	0.14	cps
Thallium	203-1	633	633	492	586	13.96	cps
Thallium	205-1	1042	1025	1183	1083	8.03	cps
Tin	118-1	2159	1984	1825	1989	8.38	cps
Titanium	47-1	217	150	133	167	26.46	cps
Uranium	238-1	92	92	192	125	46.19	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	8020248	7974660	7986989	7993966	0.29	cps
Yttrium	89-2	258536	257177	258826	258180	0.34	cps
Zinc	66-2	17	17	33	22	43.28	cps
Zirconium	90-1	558	750	550	619	18.27	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:03:24	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	125	117	131	13.29	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	438199	432491	434078	434923	0.68	cps
Antimony	121-1	8837	9003	9012	8951	1.10	cps
Arsenic	75-2	33	28	24	28	16.41	cps
Barium	135-1	2525	2475	2575	2525	1.98	cps
Barium	137-1	4551	4626	4351	4509	3.15	cps
Beryllium	9-1	394	344	378	372	6.84	cps
Bismuth	209-1	6281313	6345878	6340276	6322489	0.57	cps
Bismuth	209-2	1576046	1568459	1575445	1573317	0.27	cps
Boron	10-1	1625	1433	1400	1486	8.17	cps
Boron	11-1	7302	6685	6735	6908	4.96	cps
Cadmium	111-1	1559	1580	1189	1442	15.25	cps
Cadmium	106-1	1509	1433	1175	1372	12.74	cps
Cadmium	108-1	788	879	846	838	5.54	cps
Calcium	43-1	1522081	1506188	1524271	1517513	0.65	cps
Calcium	44-1	24317706	24407415	24337622	24354248	0.19	cps
Chromium	52-2	12299	12619	12436	12451	1.29	cps
Cobalt	59-2	1553	1650	1603	1602	3.02	cps
Copper	63-2	9340	9460	9283	9361	0.96	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	100	67	100	89	21.65	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	10019466	10176071	10130143	10108560	0.80	cps
Holmium	165-2	2024978	2050472	2060588	2045346	0.90	cps
Indium	115-1	7577702	7665478	7696837	7646673	0.81	cps
Indium	115-2	319879	318415	318221	318839	0.28	cps
Iron	56-2	41288669	41306936	41154837	41250147	0.20	cps
Iron	57-2	1044044	1042440	1039525	1042003	0.22	cps
Lead	206-1	24302	24246	25304	24617	2.42	cps
Lead	207-1	20161	19059	19154	19458	3.14	cps
Lead	208-1	93513	92295	92443	92750	0.72	cps
Lithium	6-1	1143848	1142988	1138357	1141731	0.26	cps
Magnesium	24-2	2208343	2185076	2188103	2193841	0.58	cps
Manganese	55-2	1457	1383	1353	1398	3.80	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3492759	3456281	3454886	3467975	0.62	cps
Molybdenum	95-1	6162185	6072824	6058131	6097713	0.92	cps
Molybdenum	96-1	6580990	6529749	6512776	6541172	0.54	cps
Molybdenum	97-1	3896223	3866277	3897229	3886576	0.45	cps
Molybdenum	98-1	9841954	9774682	9778210	9798282	0.39	cps
Neodymium	150-1	53	47	20	40	44.10	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	2210	2447	2230	2296	5.72	cps
Phosphorus	31-2	31745	31904	31010	31553	1.51	cps
Potassium	39-2	1282290	1275831	1272688	1276936	0.38	cps
Rhodium	103-1	6951424	6878046	6870526	6899999	0.65	cps
Rhodium	103-2	1777964	1802824	1799994	1793594	0.76	cps
Scandium	45-1	4094743	4131454	4105329	4110509	0.46	cps
Scandium	45-2	32648	32655	32558	32620	0.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	33	111	-10	45	137.62	cps
Silicon	28-1	443673	439538	437615	440275	0.70	cps
Silver	109-1	10038	12239	14292	12190	17.45	cps
Silver	107-1	10963	12857	14725	12848	14.64	cps
Sodium	23-2	5099224	5057639	5071918	5076260	0.42	cps
Strontium	86-1	69661	68782	69176	69206	0.64	cps
Strontium	88-1	590693	596650	600517	595953	0.83	cps
Sulfur	34-1	2155827	2125992	2093491	2125103	1.47	cps
Terbium	159-1	10434877	10537716	10496454	10489682	0.49	cps
Terbium	159-2	1980051	1963197	1979675	1974308	0.49	cps
Thallium	203-1	825	792	967	861	10.79	cps
Thallium	205-1	1875	2034	2000	1970	4.24	cps
Tin	118-1	2609	2500	2575	2561	2.17	cps
Titanium	47-1	1528564	1503369	1540517	1524150	1.24	cps
Uranium	238-1	533	475	400	469	14.24	cps
Vanadium	51-2	90	77	60	76	19.89	cps
Yttrium	89-1	8180043	8117254	8185178	8160825	0.46	cps
Yttrium	89-2	240102	239656	238591	239449	0.32	cps
Zinc	66-2	1080	1207	1143	1143	5.54	cps
Zirconium	90-1	867	1058	942	956	10.11	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:06:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	142	200	181	18.65	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	440890	438028	442768	440562	0.54	cps
Antimony	121-1	159273	159668	158816	159252	0.27	cps
Arsenic	75-2	1572	1604	1565	1580	1.31	cps
Barium	135-1	35733	36618	35448	35933	1.70	cps
Barium	137-1	60899	61586	61887	61457	0.82	cps
Beryllium	9-1	17216	16838	16838	16964	1.29	cps
Bismuth	209-1	6210208	6211878	6123945	6182010	0.81	cps
Bismuth	209-2	1556355	1549245	1549996	1551865	0.25	cps
Boron	10-1	6752	6919	6585	6752	2.47	cps
Boron	11-1	33389	32421	32371	32727	1.75	cps
Cadmium	111-1	33099	32802	33244	33049	0.68	cps
Cadmium	106-1	5702	5218	5443	5454	4.44	cps
Cadmium	108-1	3405	3488	3392	3428	1.52	cps
Calcium	43-1	1517293	1500842	1496368	1504834	0.73	cps
Calcium	44-1	24249659	24322329	24330173	24300720	0.18	cps
Chromium	52-2	25757	25600	24772	25377	2.09	cps
Cobalt	59-2	29037	29288	29368	29231	0.59	cps
Copper	63-2	33514	33313	33233	33353	0.43	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	100	58	72	33.30	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	100	25	100	75	57.74	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	9951754	9975210	9726705	9884557	1.39	cps
Holmium	165-2	2039483	2015897	2051800	2035727	0.90	cps
Indium	115-1	7525645	7623057	7523086	7557263	0.75	cps
Indium	115-2	320025	316368	319532	318642	0.62	cps
Iron	56-2	41972823	41791429	41481195	41748482	0.60	cps
Iron	57-2	1058672	1054945	1056525	1056714	0.18	cps
Lead	206-1	124723	122922	121419	123022	1.34	cps
Lead	207-1	100551	103990	103306	102616	1.77	cps
Lead	208-1	477131	478586	475016	476911	0.38	cps
Lithium	6-1	1093887	1092390	1088896	1091724	0.23	cps
Magnesium	24-2	2228152	2209810	2215755	2217906	0.42	cps
Manganese	55-2	5168	4981	5081	5077	1.84	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3747487	3746358	3746870	3746905	0.02	cps
Molybdenum	95-1	6265726	6250278	6293690	6269898	0.35	cps
Molybdenum	96-1	6695094	6734636	6753216	6727649	0.44	cps
Molybdenum	97-1	3952129	3895002	4011835	3952989	1.48	cps
Molybdenum	98-1	9945425	9995133	9921857	9954138	0.38	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	10721	10527	10341	10530	1.81	cps
Phosphorus	31-2	31937	31736	32430	32034	1.11	cps
Potassium	39-2	1300799	1296545	1286683	1294675	0.56	cps
Rhodium	103-1	6894382	6765558	6864254	6841398	0.98	cps
Rhodium	103-2	1779663	1792229	1779246	1783713	0.41	cps
Scandium	45-1	4099292	4062799	4067567	4076552	0.49	cps
Scandium	45-2	33420	32815	33590	33275	1.22	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	46	48	20	38	40.58	cps
Selenium	82-1	1913	1772	1902	1862	4.21	cps
Silicon	28-1	627919	625562	633659	629047	0.66	cps
Silver	109-1	133625	139165	142032	138274	3.09	cps
Silver	107-1	140964	144871	148603	144813	2.64	cps
Sodium	23-2	5165521	5100366	5126538	5130808	0.64	cps
Strontium	86-1	186204	184035	185630	185290	0.61	cps
Strontium	88-1	1639056	1623551	1620157	1627588	0.62	cps
Sulfur	34-1	2120219	2124424	2104832	2116492	0.49	cps
Terbium	159-1	10229274	10184822	10216533	10210209	0.22	cps
Terbium	159-2	1945384	1956258	1958914	1953519	0.37	cps
Thallium	203-1	122958	123226	122455	122879	0.32	cps
Thallium	205-1	294441	295870	292155	294155	0.64	cps
Tin	118-1	304240	304691	306553	305161	0.40	cps
Titanium	47-1	1572021	1525792	1566813	1554876	1.63	cps
Uranium	238-1	1144040	1147572	1141677	1144430	0.26	cps
Vanadium	51-2	9600	9537	9260	9466	1.91	cps
Yttrium	89-1	8049632	8013103	7986452	8016396	0.40	cps
Yttrium	89-2	240902	239837	242220	240986	0.50	cps
Zinc	66-2	3457	3250	3437	3382	3.37	cps
Zirconium	90-1	655378	649854	654738	653323	0.46	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:09:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	144536	147112	143297	144981	1.34	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243835	242393	242131	242787	0.38	cps
Antimony	121-1	3895747	3835451	3831399	3854199	0.94	cps
Arsenic	75-2	40617	40981	41572	41056	1.17	cps
Barium	135-1	4152096	4152895	4143561	4149517	0.12	cps
Barium	137-1	7102501	7189379	7151701	7147861	0.61	cps
Beryllium	9-1	410812	412269	409710	410930	0.31	cps
Bismuth	209-1	5953377	5966007	5940678	5953354	0.21	cps
Bismuth	209-2	1502519	1515251	1506060	1507944	0.44	cps
Boron	10-1	46100	47296	48867	47421	2.93	cps
Boron	11-1	220250	224956	228059	224421	1.75	cps
Cadmium	111-1	775682	781380	785700	780921	0.64	cps
Cadmium	106-1	79107	81337	83097	81181	2.46	cps
Cadmium	108-1	55422	55284	56497	55734	1.19	cps
Calcium	43-1	3756704	3781030	3729834	3755856	0.68	cps
Calcium	44-1	61109312	61221337	61101837	61144162	0.11	cps
Chromium	52-2	325886	324835	324856	325192	0.18	cps
Cobalt	59-2	687590	680075	681605	683090	0.58	cps
Copper	63-2	1170188	1165008	1172642	1169280	0.33	cps
Dysprosium	156-1	108	67	125	100	30.05	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	75	100	17	64	66.93	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	75	83	83	81	5.97	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	9710223	9600649	9712474	9674449	0.66	cps
Holmium	165-2	2002660	2010029	1993158	2001949	0.42	cps
Indium	115-1	7375611	7331394	7315004	7340670	0.43	cps
Indium	115-2	307252	305910	307103	306755	0.24	cps
Iron	56-2	53184437	52864464	53274772	53107891	0.41	cps
Iron	57-2	1337084	1333916	1344270	1338423	0.40	cps
Lead	206-1	2444810	2473856	2466347	2461671	0.61	cps
Lead	207-1	2256096	2268014	2283100	2269070	0.60	cps
Lead	208-1	10108174	10131706	10104069	10114650	0.15	cps
Lithium	6-1	1073998	1069717	1075538	1073084	0.28	cps
Magnesium	24-2	5566740	5657693	5595982	5606805	0.83	cps
Manganese	55-2	186246	184400	186362	185669	0.59	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6367889	6365564	6325081	6352844	0.38	cps
Molybdenum	95-1	7858081	7905424	7841868	7868458	0.42	cps
Molybdenum	96-1	8770870	8775215	8734174	8760086	0.26	cps
Molybdenum	97-1	5014654	4979200	4964237	4986031	0.52	cps
Molybdenum	98-1	12523592	12549899	12673097	12582196	0.63	cps
Neodymium	150-1	220	207	273	233	15.12	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	198547	197310	197414	197757	0.35	cps
Phosphorus	31-2	3559	3459	3259	3426	4.46	cps
Potassium	39-2	1691819	1667529	1662648	1673999	0.93	cps
Rhodium	103-1	6622210	6604504	6591598	6606104	0.23	cps
Rhodium	103-2	1760145	1747968	1735664	1747926	0.70	cps
Scandium	45-1	4073267	4015055	4015055	4034459	0.83	cps
Scandium	45-2	32832	33019	33149	33000	0.48	cps
Selenium	77-2	270	333	313	306	10.59	cps
Selenium	78-2	1011	957	944	971	3.64	cps
Selenium	82-1	48345	48180	48634	48386	0.47	cps
Silicon	28-1	1631447	1636832	1651640	1639973	0.64	cps
Silver	109-1	3674218	3667380	3692118	3677906	0.35	cps
Silver	107-1	3876865	3847590	3856268	3860241	0.39	cps
Sodium	23-2	13136588	13098972	13055192	13096917	0.31	cps
Strontium	86-1	1033986	1019346	1030956	1028096	0.75	cps
Strontium	88-1	8844455	8882873	8888544	8871957	0.27	cps
Sulfur	34-1	519158	521530	522596	521095	0.34	cps
Terbium	159-1	10031984	10031333	10035338	10032885	0.02	cps
Terbium	159-2	1938674	1899409	1882890	1906991	1.50	cps
Thallium	203-1	3080495	3034937	3083965	3066466	0.89	cps
Thallium	205-1	7138883	7141553	7138084	7139506	0.03	cps
Tin	118-1	2661158	2647521	2649729	2652803	0.28	cps
Titanium	47-1	1936557	1947961	1929625	1938048	0.48	cps
Uranium	238-1	9921448	9826769	9826199	9858139	0.56	cps
Vanadium	51-2	247046	246527	244594	246056	0.53	cps
Yttrium	89-1	7894855	7893137	7880192	7889395	0.10	cps
Yttrium	89-2	238245	235902	238398	237515	0.59	cps
Zinc	66-2	103643	102992	104688	103774	0.82	cps
Zirconium	90-1	5421200	5393923	5427853	5414325	0.33	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:12:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1181284	1183787	1179899	1181657	0.17	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : CCB073 Instrumnet Name : P8
 Client Sample ID : CCB073 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 15:15:41 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	17	11	86.60	cps
Antimony	121-1	1525	1500	1534	1520	1.14	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	50	17	58	42	52.91	cps
Barium	137-1	33	58	25	39	44.62	cps
Beryllium	9-1	339	444	350	378	15.35	cps
Bismuth	209-1	6133501	6184972	6175148	6164540	0.44	cps
Bismuth	209-2	1604768	1614982	1605582	1608444	0.35	cps
Boron	10-1	1942	1817	1675	1811	7.37	cps
Boron	11-1	8536	7786	7386	7903	7.39	cps
Cadmium	111-1	996	958	904	953	4.82	cps
Cadmium	106-1	1342	1325	1258	1308	3.37	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	808	800	725	778	5.90	cps
Calcium	44-1	17937	17411	18288	17879	2.47	cps
Chromium	52-2	283	330	247	287	14.57	cps
Cobalt	59-2	63	63	43	57	20.38	cps
Copper	63-2	377	350	367	364	3.70	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	58	42	92	64	39.85	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	9433103	9453444	9625210	9503919	1.11	cps
Holmium	165-2	2031544	2018169	2003727	2017813	0.69	cps
Indium	115-1	7577811	7586472	7638888	7601057	0.43	cps
Indium	115-2	331010	329945	327173	329376	0.60	cps
Iron	56-2	3912	3751	3584	3749	4.37	cps
Iron	57-2	89	67	78	78	14.28	cps
Lead	206-1	883	1067	811	920	14.31	cps
Lead	207-1	933	833	867	878	5.80	cps
Lead	208-1	3878	3684	3617	3726	3.64	cps
Lithium	6-1	1106780	1092764	1090993	1096846	0.79	cps
Magnesium	24-2	600	467	567	544	12.74	cps
Manganese	55-2	17	23	13	18	28.64	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:15:41	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	542	542	544	0.88	cps
Molybdenum	95-1	650	592	908	717	23.52	cps
Molybdenum	96-1	817	800	700	772	8.17	cps
Molybdenum	97-1	425	333	408	389	12.56	cps
Molybdenum	98-1	925	1167	800	964	19.34	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	367	317	317	333	8.66	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2625	2825	2700	2717	3.72	cps
Rhodium	103-1	7006118	7015265	7033558	7018314	0.20	cps
Rhodium	103-2	1899562	1862763	1898250	1886858	1.11	cps
Scandium	45-1	4022749	4088386	4107170	4072768	1.09	cps
Scandium	45-2	34770	34402	34770	34647	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-13	-38	-86	-46	-80.30	cps
Silicon	28-1	344846	345330	341845	344007	0.55	cps
Silver	109-1	5718	5435	4734	5296	9.56	cps
Silver	107-1	6402	5576	5868	5949	7.04	cps
Sodium	23-2	35287	34844	35094	35075	0.63	cps
Strontium	86-1	358	425	625	469	29.56	cps
Strontium	88-1	150	183	108	147	25.52	cps
Sulfur	34-1	316014	315865	316382	316087	0.08	cps
Terbium	159-1	9997419	9861588	9944089	9934365	0.69	cps
Terbium	159-2	1983392	1944349	1965653	1964464	1.00	cps
Thallium	203-1	842	883	750	825	8.27	cps
Thallium	205-1	2309	2009	2084	2134	7.32	cps
Tin	118-1	1959	2125	2059	2047	4.10	cps
Titanium	47-1	192	150	175	172	12.18	cps
Uranium	238-1	158	150	125	144	12.01	cps
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	7813049	7951280	7863958	7876095	0.89	cps
Yttrium	89-2	245780	244167	245106	245018	0.33	cps
Zinc	66-2	23	20	30	24	20.83	cps
Zirconium	90-1	675	700	592	656	8.65	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:15:41	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	100	108	7.69	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	58	81	31.60	cps
Antimony	121-1	14492	14166	14342	14333	1.14	cps
Arsenic	75-2	94	94	81	90	8.31	cps
Barium	135-1	15026	14559	15059	14881	1.88	cps
Barium	137-1	25233	25041	25384	25219	0.68	cps
Beryllium	9-1	1022	1072	1095	1063	3.48	cps
Bismuth	209-1	6209385	6201336	6270041	6226920	0.60	cps
Bismuth	209-2	1635912	1636816	1625384	1632704	0.39	cps
Boron	10-1	2784	3059	3326	3056	8.87	cps
Boron	11-1	14541	13824	14633	14333	3.09	cps
Cadmium	111-1	2391	2301	2349	2347	1.93	cps
Cadmium	106-1	1575	1367	1425	1456	7.38	cps
Cadmium	108-1	142	104	129	125	15.27	cps
Calcium	43-1	7694	7277	7577	7516	2.86	cps
Calcium	44-1	129671	130511	130241	130141	0.33	cps
Chromium	52-2	1510	1610	1637	1586	4.21	cps
Cobalt	59-2	1380	1437	1480	1432	3.50	cps
Copper	63-2	2647	2420	2890	2653	8.86	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	50	67	67	25.00	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	25	42	0	22	94.38	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	9666470	9798865	9620586	9695307	0.95	cps
Holmium	165-2	2056161	2048041	2033868	2046023	0.55	cps
Indium	115-1	7689042	7738570	7725139	7717584	0.33	cps
Indium	115-2	336199	335332	335198	335576	0.16	cps
Iron	56-2	24194	23587	24049	23943	1.32	cps
Iron	57-2	633	578	561	591	6.40	cps
Lead	206-1	5640	4984	5362	5329	6.18	cps
Lead	207-1	4590	4456	4479	4508	1.59	cps
Lead	208-1	21207	20507	20585	20767	1.85	cps
Lithium	6-1	1095660	1098203	1115123	1102996	0.96	cps
Magnesium	24-2	11146	11238	12222	11536	5.17	cps
Manganese	55-2	190	190	190	190	0.00	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12381	11972	11739	12031	2.70	cps
Molybdenum	95-1	14475	14083	14091	14216	1.58	cps
Molybdenum	96-1	16511	15826	16110	16149	2.13	cps
Molybdenum	97-1	8762	8169	8753	8561	3.97	cps
Molybdenum	98-1	22686	22353	23079	22706	1.60	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	750	797	797	781	3.45	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	9203	9278	9470	9317	1.48	cps
Rhodium	103-1	7152576	7168583	7084091	7135083	0.63	cps
Rhodium	103-2	1885763	1887432	1899704	1890966	0.40	cps
Scandium	45-1	4153493	4144630	4110719	4136281	0.55	cps
Scandium	45-2	35612	35355	35685	35551	0.49	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	388	418	422	409	4.58	cps
Silicon	28-1	388446	388322	385162	387310	0.48	cps
Silver	109-1	8086	8044	8044	8058	0.30	cps
Silver	107-1	8636	8145	8728	8503	3.69	cps
Sodium	23-2	60111	58220	58437	58923	1.76	cps
Strontium	86-1	2467	2342	2275	2361	4.12	cps
Strontium	88-1	17337	16085	16394	16605	3.93	cps
Sulfur	34-1	321698	323592	322574	322622	0.29	cps
Terbium	159-1	10055068	9913615	10136017	10034900	1.12	cps
Terbium	159-2	1956995	1976176	1970441	1967871	0.50	cps
Thallium	203-1	6052	6460	5777	6096	5.64	cps
Thallium	205-1	14985	14175	14526	14562	2.79	cps
Tin	118-1	24306	24498	24682	24495	0.77	cps
Titanium	47-1	3417	3451	3384	3417	0.98	cps
Uranium	238-1	17238	16036	17371	16882	4.36	cps
Vanadium	51-2	2074	2217	2194	2161	3.56	cps
Yttrium	89-1	8022747	7996790	7965581	7995039	0.36	cps
Yttrium	89-2	249769	248463	246697	248310	0.62	cps
Zinc	66-2	293	273	320	296	7.92	cps
Zirconium	90-1	10888	10371	11172	10810	3.76	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:18:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2350	2209	2242	2267	3.27	cps

LB Number : LB92212 Operator : Jaswal
 Lab Sample ID : PB105026BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-15 15:38:51 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	217	258	208	228	11.76	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	25	42	17	28	45.82	cps
Barium	137-1	17	42	50	36	48.03	cps
Beryllium	9-1	133	150	144	143	5.95	cps
Bismuth	209-1	6189297	6308893	6247970	6248720	0.96	cps
Bismuth	209-2	1734534	1714491	1659007	1702677	2.30	cps
Boron	10-1	517	525	600	547	8.39	cps
Boron	11-1	2125	2459	2384	2323	7.53	cps
Cadmium	111-1	918	825	923	889	6.20	cps
Cadmium	106-1	1308	1175	1308	1264	6.09	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	758	942	800	833	11.53	cps
Calcium	44-1	16035	15651	15768	15818	1.24	cps
Chromium	52-2	357	337	377	357	5.61	cps
Cobalt	59-2	50	37	43	43	15.38	cps
Copper	63-2	340	383	357	360	6.07	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	75	75	61	39.37	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	9685466	9633844	9756140	9691817	0.63	cps
Holmium	165-2	2101053	2095484	2084504	2093680	0.40	cps
Indium	115-1	7814160	7800444	7723424	7779343	0.63	cps
Indium	115-2	342179	348946	340823	343982	1.27	cps
Iron	56-2	1795	1589	1578	1654	7.38	cps
Iron	57-2	44	39	39	41	7.88	cps
Lead	206-1	372	267	250	296	22.37	cps
Lead	207-1	250	250	261	254	2.53	cps
Lead	208-1	1383	1111	1183	1226	11.50	cps
Lithium	6-1	1155916	1195954	1176697	1176189	1.70	cps
Magnesium	24-2	1108	1050	1117	1092	3.33	cps
Manganese	55-2	17	17	27	20	28.86	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:38:51	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	242	283	239	19.21	cps
Molybdenum	95-1	58	108	33	67	57.29	cps
Molybdenum	96-1	83	83	125	97	24.74	cps
Molybdenum	97-1	58	108	50	72	43.68	cps
Molybdenum	98-1	100	167	183	150	29.39	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	283	297	283	4.71	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2634	2859	3100	2864	8.15	cps
Rhodium	103-1	7265580	7231414	7196527	7231174	0.48	cps
Rhodium	103-2	1948245	1951889	1940059	1946731	0.31	cps
Scandium	45-1	4241051	4222291	4200421	4221254	0.48	cps
Scandium	45-2	36869	37209	36608	36895	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	71	-13	-38	6	880.48	cps
Silicon	28-1	358512	355167	358628	357435	0.55	cps
Silver	109-1	9595	592	633	3607	143.79	cps
Silver	107-1	742	900	667	770	15.48	cps
Sodium	23-2	36113	35612	35587	35771	0.83	cps
Strontium	86-1	633	442	475	517	19.82	cps
Strontium	88-1	83	100	100	94	10.19	cps
Sulfur	34-1	341698	346248	345198	344382	0.69	cps
Terbium	159-1	10117861	10138948	10082514	10113108	0.28	cps
Terbium	159-2	2053143	2053201	2034952	2047099	0.51	cps
Thallium	203-1	217	317	358	297	24.50	cps
Thallium	205-1	725	567	658	650	12.23	cps
Tin	118-1	1809	1825	1817	1817	0.46	cps
Titanium	47-1	125	175	150	150	16.67	cps
Uranium	238-1	42	25	67	44	47.19	cps
Vanadium	51-2	3	20	7	10	88.20	cps
Yttrium	89-1	8133342	8153081	8099350	8128591	0.33	cps
Yttrium	89-2	258103	257173	254237	256504	0.79	cps
Zinc	66-2	10	13	27	17	52.93	cps
Zirconium	90-1	350	525	550	475	22.94	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:38:51	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	92	117	103	12.38	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	242	283	267	8.27	cps
Antimony	121-1	27855	28406	28248	28169	1.01	cps
Arsenic	75-2	196	161	170	176	10.37	cps
Barium	135-1	31288	30352	31288	30976	1.74	cps
Barium	137-1	53333	52630	52564	52843	0.81	cps
Beryllium	9-1	1645	1828	1839	1771	6.17	cps
Bismuth	209-1	6193739	6185088	6144658	6174495	0.42	cps
Bismuth	209-2	1640649	1588705	1589234	1606196	1.86	cps
Boron	10-1	4343	4859	5185	4795	8.85	cps
Boron	11-1	22535	24129	23036	23234	3.51	cps
Cadmium	111-1	3876	3920	3936	3911	0.79	cps
Cadmium	106-1	1600	1559	1709	1622	4.77	cps
Cadmium	108-1	242	179	175	199	18.80	cps
Calcium	43-1	15367	15401	15284	15351	0.39	cps
Calcium	44-1	254212	251331	249895	251813	0.87	cps
Chromium	52-2	3044	3117	2957	3039	2.64	cps
Cobalt	59-2	2974	2740	2774	2829	4.46	cps
Copper	63-2	5118	5164	4984	5089	1.84	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	108	42	25	58	75.59	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	9541463	9550885	9546732	9546360	0.05	cps
Holmium	165-2	2101058	2009261	2011756	2040691	2.56	cps
Indium	115-1	7652021	7697121	7640671	7663271	0.39	cps
Indium	115-2	337398	327042	329356	331265	1.64	cps
Iron	56-2	203829	197241	196716	199262	1.99	cps
Iron	57-2	5190	5540	4968	5233	5.52	cps
Lead	206-1	9682	9348	9298	9443	2.21	cps
Lead	207-1	9042	8559	8575	8725	3.15	cps
Lead	208-1	39058	38674	38552	38761	0.68	cps
Lithium	6-1	1146633	1145751	1132574	1141653	0.69	cps
Magnesium	24-2	24789	24054	23103	23982	3.53	cps
Manganese	55-2	400	443	400	414	6.04	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24039	24030	24415	24161	0.91	cps
Molybdenum	95-1	29040	30318	28431	29263	3.29	cps
Molybdenum	96-1	32833	33092	33735	33220	1.40	cps
Molybdenum	97-1	18355	18780	17854	18330	2.53	cps
Molybdenum	98-1	46564	45871	47618	46684	1.88	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1240	1307	1193	1247	4.57	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	16494	15559	16252	16102	3.01	cps
Rhodium	103-1	7142771	6926931	7107184	7058962	1.64	cps
Rhodium	103-2	1920030	1860436	1852400	1877622	1.97	cps
Scandium	45-1	4129487	4184747	4139232	4151155	0.71	cps
Scandium	45-2	36023	35665	34696	35462	1.94	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	22	19	28	23	20.41	cps
Selenium	82-1	902	963	920	928	3.36	cps
Silicon	28-1	447332	446245	449226	447601	0.34	cps
Silver	109-1	12356	11881	12640	12292	3.12	cps
Silver	107-1	12348	13057	13282	12896	3.78	cps
Sodium	23-2	88449	88844	87468	88254	0.80	cps
Strontium	86-1	4459	4059	4117	4212	5.13	cps
Strontium	88-1	34812	32832	34319	33988	3.03	cps
Sulfur	34-1	349687	347921	347481	348363	0.34	cps
Terbium	159-1	9928570	9958490	9990017	9959026	0.31	cps
Terbium	159-2	2019449	1932730	1902999	1951726	3.10	cps
Thallium	203-1	11356	12248	11247	11617	4.73	cps
Thallium	205-1	28750	27347	27456	27851	2.80	cps
Tin	118-1	49518	50781	50404	50234	1.29	cps
Titanium	47-1	7302	7811	7144	7419	4.70	cps
Uranium	238-1	35126	35719	34917	35254	1.18	cps
Vanadium	51-2	4988	4567	4584	4713	5.05	cps
Yttrium	89-1	7936715	8020307	8006650	7987891	0.56	cps
Yttrium	89-2	253542	245960	246511	248671	1.70	cps
Zinc	66-2	453	437	437	442	2.18	cps
Zirconium	90-1	21434	22269	20733	21479	3.58	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:41:58	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4918	4743	4801	4820	1.85	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	150	117	142	15.56	cps
Antimony	121-1	1859	1959	1842	1886	3.35	cps
Arsenic	75-2	44	61	46	51	18.05	cps
Barium	135-1	75122	76965	76537	76208	1.27	cps
Barium	137-1	132684	137197	135487	135123	1.69	cps
Beryllium	9-1	117	89	100	102	13.73	cps
Bismuth	209-1	6813902	6755183	6667783	6745623	1.09	cps
Bismuth	209-2	1780882	1774335	1780278	1778498	0.20	cps
Boron	10-1	53593	54797	55307	54566	1.61	cps
Boron	11-1	257434	262757	267602	262598	1.94	cps
Cadmium	111-1	1063	1173	1080	1106	5.34	cps
Cadmium	106-1	1459	1575	1475	1503	4.20	cps
Cadmium	108-1	17	13	33	21	52.90	cps
Calcium	43-1	2016985	1998013	1989458	2001485	0.70	cps
Calcium	44-1	32570441	32582178	32101980	32418200	0.84	cps
Chromium	52-2	4164	3884	4274	4107	4.90	cps
Cobalt	59-2	490	470	383	448	12.66	cps
Copper	63-2	2084	1980	1833	1966	6.39	cps
Dysprosium	156-1	242	217	283	247	13.62	cps
Dysprosium	156-2	60	37	73	57	32.75	cps
Erbium	164-1	308	242	308	286	13.45	cps
Erbium	164-2	67	57	70	64	10.76	cps
Gadolinium	160-1	233	250	233	239	4.03	cps
Gadolinium	160-2	67	57	97	73	28.39	cps
Holmium	165-1	10733709	10724342	10692252	10716768	0.20	cps
Holmium	165-2	2246174	2210955	2190585	2215905	1.27	cps
Indium	115-1	8490436	8421848	8337989	8416758	0.91	cps
Indium	115-2	351454	352035	347094	350194	0.77	cps
Iron	56-2	20551	20986	20121	20553	2.11	cps
Iron	57-2	656	467	622	582	17.34	cps
Lead	206-1	1672	1572	1361	1535	10.35	cps
Lead	207-1	1250	1417	1156	1274	10.38	cps
Lead	208-1	6495	6062	5273	5943	10.43	cps
Lithium	6-1	1252492	1239189	1225149	1238943	1.10	cps
Magnesium	24-2	1009130	995291	992172	998864	0.90	cps
Manganese	55-2	67512	66886	66139	66846	1.03	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5793	5818	6218	5943	4.01	cps
Molybdenum	95-1	10163	9987	10037	10062	0.90	cps
Molybdenum	96-1	10605	11614	11589	11269	5.11	cps
Molybdenum	97-1	6444	6452	6085	6327	3.31	cps
Molybdenum	98-1	15835	16294	15993	16041	1.45	cps
Neodymium	150-1	433	387	547	456	18.06	cps
Neodymium	150-2	60	60	40	53	21.65	cps
Nickel	60-2	2234	2024	2127	2128	4.94	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	34268	32263	32973	33168	3.06	cps
Rhodium	103-1	7591374	7542366	7525196	7552979	0.45	cps
Rhodium	103-2	1960172	1968049	1953250	1960490	0.38	cps
Scandium	45-1	4532204	4564097	4393648	4496650	2.02	cps
Scandium	45-2	36030	35812	35471	35771	0.79	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-50	51	-7	-2	-2798.08	cps
Silicon	28-1	39414678	39086348	38802562	39101196	0.78	cps
Silver	109-1	12114	12556	13090	12587	3.88	cps
Silver	107-1	13149	13107	12898	13051	1.03	cps
Sodium	23-2	2196200	2185076	2139064	2173447	1.39	cps
Strontium	86-1	440431	442948	438725	440701	0.48	cps
Strontium	88-1	3843151	3876671	3840746	3853523	0.52	cps
Sulfur	34-1	606201	600715	600344	602420	0.54	cps
Terbium	159-1	11181329	11202319	11032724	11138791	0.83	cps
Terbium	159-2	2151157	2121575	2146812	2139848	0.75	cps
Thallium	203-1	1150	908	1050	1036	11.72	cps
Thallium	205-1	2850	2584	2350	2595	9.64	cps
Tin	118-1	1450	1433	1358	1414	3.45	cps
Titanium	47-1	1075	1410	692	1059	33.94	cps
Uranium	238-1	26538	27030	26103	26557	1.75	cps
Vanadium	51-2	2864	2624	2794	2760	4.47	cps
Yttrium	89-1	8820629	8862577	8742357	8808521	0.69	cps
Yttrium	89-2	260622	259598	260094	260105	0.20	cps
Zinc	66-2	4367	4014	3974	4118	5.26	cps
Zirconium	90-1	833	733	850	806	7.83	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:45:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	183	108	178	37.60	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	817	767	772	5.43	cps
Antimony	121-1	1317	958	1142	1139	15.73	cps
Arsenic	75-2	33	44	30	36	21.53	cps
Barium	135-1	29943	28348	28273	28855	3.27	cps
Barium	137-1	50356	50941	49251	50182	1.71	cps
Beryllium	9-1	144	94	61	100	41.95	cps
Bismuth	209-1	6321302	7113807	7248827	6894645	7.27	cps
Bismuth	209-2	1833471	1826297	1845949	1835239	0.54	cps
Boron	10-1	28270	27803	29055	28376	2.23	cps
Boron	11-1	132844	134856	136106	134602	1.22	cps
Cadmium	111-1	1021	1233	1198	1151	9.87	cps
Cadmium	106-1	1183	1533	1534	1417	14.27	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1535623	1519781	1494572	1516658	1.37	cps
Calcium	44-1	24889122	24279659	24081709	24416830	1.72	cps
Chromium	52-2	2100	2170	2010	2094	3.83	cps
Cobalt	59-2	3914	4171	4074	4053	3.20	cps
Copper	63-2	2544	2727	2790	2687	4.77	cps
Dysprosium	156-1	458	308	375	381	19.75	cps
Dysprosium	156-2	70	97	80	82	16.39	cps
Erbium	164-1	492	483	375	450	14.46	cps
Erbium	164-2	83	73	70	76	9.19	cps
Gadolinium	160-1	575	500	492	522	8.79	cps
Gadolinium	160-2	83	97	127	102	21.71	cps
Holmium	165-1	9887508	11129867	11167926	10728434	6.79	cps
Holmium	165-2	2266882	2278117	2263422	2269473	0.34	cps
Indium	115-1	7693485	8631600	8734367	8353151	6.87	cps
Indium	115-2	349560	353547	351754	351621	0.57	cps
Iron	56-2	130857	135100	133052	133003	1.60	cps
Iron	57-2	3495	3395	3178	3356	4.82	cps
Lead	206-1	1128	1195	1245	1189	4.92	cps
Lead	207-1	1083	1133	872	1030	13.46	cps
Lead	208-1	4956	5084	4673	4904	4.29	cps
Lithium	6-1	1147772	1267678	1277520	1230990	5.87	cps
Magnesium	24-2	861061	862255	853422	858913	0.56	cps
Manganese	55-2	603221	606718	599619	603186	0.59	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3534	3067	3326	3309	7.07	cps
Molybdenum	95-1	5076	4868	4826	4923	2.72	cps
Molybdenum	96-1	5001	4768	4793	4854	2.64	cps
Molybdenum	97-1	2792	3142	2900	2945	6.09	cps
Molybdenum	98-1	8044	7636	6544	7408	10.47	cps
Neodymium	150-1	720	713	647	693	5.85	cps
Neodymium	150-2	60	80	107	82	28.48	cps
Nickel	60-2	1737	1730	1557	1675	6.10	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	19781	20532	19990	20101	1.93	cps
Rhodium	103-1	6859567	7755981	7819606	7478385	7.18	cps
Rhodium	103-2	2021662	2040928	2004851	2022481	0.89	cps
Scandium	45-1	3956112	4471326	4518893	4315444	7.23	cps
Scandium	45-2	35719	35916	35197	35611	1.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	2	0	4	137.79	cps
Selenium	82-1	8	1	-56	-16	-221.96	cps
Silicon	28-1	39739485	38604828	38576070	38973461	1.70	cps
Silver	109-1	18046	13075	11922	14348	22.68	cps
Silver	107-1	17390	12657	12123	14057	20.63	cps
Sodium	23-2	1208001	1199487	1185822	1197770	0.93	cps
Strontium	86-1	314660	306823	306222	309235	1.52	cps
Strontium	88-1	2764932	2706664	2673143	2714913	1.71	cps
Sulfur	34-1	479991	471303	474993	475429	0.92	cps
Terbium	159-1	10421007	11690621	11679388	11263672	6.48	cps
Terbium	159-2	2143991	2174536	2183976	2167501	0.96	cps
Thallium	203-1	650	675	658	661	1.93	cps
Thallium	205-1	1717	1534	1417	1556	9.72	cps
Tin	118-1	1675	1725	1659	1686	2.06	cps
Titanium	47-1	5527	4843	4776	5049	8.23	cps
Uranium	238-1	26788	26805	26011	26535	1.71	cps
Vanadium	51-2	2484	2527	2440	2484	1.75	cps
Yttrium	89-1	8002052	8955326	9049198	8668859	6.68	cps
Yttrium	89-2	259628	264986	261251	261955	1.05	cps
Zinc	66-2	430	440	420	430	2.33	cps
Zirconium	90-1	1700	1592	1784	1692	5.68	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:48:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	350	367	358	2.33	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	17	28	69.27	cps
Antimony	121-1	592	725	750	689	12.36	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	83	125	108	106	19.87	cps
Barium	137-1	92	83	67	81	15.80	cps
Beryllium	9-1	100	133	106	113	15.81	cps
Bismuth	209-1	7106825	7121832	7022382	7083680	0.76	cps
Bismuth	209-2	1812544	1703723	1524100	1680122	8.67	cps
Boron	10-1	2192	2042	2034	2089	4.27	cps
Boron	11-1	10379	9845	9695	9973	3.60	cps
Cadmium	111-1	1206	1241	1069	1172	7.75	cps
Cadmium	106-1	1692	1709	1492	1631	7.39	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	983	958	825	922	9.23	cps
Calcium	44-1	21667	22193	22836	22232	2.63	cps
Chromium	52-2	507	450	483	480	5.93	cps
Cobalt	59-2	67	53	40	53	25.00	cps
Copper	63-2	680	623	707	670	6.35	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	10838965	10948123	10984990	10924026	0.70	cps
Holmium	165-2	2239932	2130991	1868479	2079801	9.18	cps
Indium	115-1	8678225	8588443	8578178	8614949	0.64	cps
Indium	115-2	354523	336435	302390	331116	7.99	cps
Iron	56-2	2228	2172	2300	2234	2.87	cps
Iron	57-2	39	72	78	63	33.40	cps
Lead	206-1	148497	148780	146400	147892	0.88	cps
Lead	207-1	118033	118499	118571	118368	0.25	cps
Lead	208-1	561898	564189	556421	560836	0.71	cps
Lithium	6-1	1278111	1263199	1248455	1263255	1.17	cps
Magnesium	24-2	1342	1017	975	1111	18.07	cps
Manganese	55-2	80	50	77	69	23.87	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	142	158	200	43.50	cps
Molybdenum	95-1	75	75	67	72	6.66	cps
Molybdenum	96-1	133	75	67	92	39.63	cps
Molybdenum	97-1	117	58	83	86	33.98	cps
Molybdenum	98-1	133	142	75	117	31.14	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	593	537	550	560	5.29	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2334	2925	2817	2692	11.70	cps
Rhodium	103-1	7933453	7903336	7888267	7908352	0.29	cps
Rhodium	103-2	2060972	1981044	1732765	1924927	8.89	cps
Scandium	45-1	4485545	4438483	4448724	4457584	0.56	cps
Scandium	45-2	36080	34794	30561	33812	8.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-62	-120	-84	-89	-32.85	cps
Silicon	28-1	296028	298428	292504	295653	1.01	cps
Silver	109-1	10379	11063	10062	10502	4.87	cps
Silver	107-1	11405	12465	10621	11497	8.05	cps
Sodium	23-2	34902	33532	34902	34445	2.30	cps
Strontium	86-1	600	475	508	528	12.26	cps
Strontium	88-1	525	633	492	550	13.47	cps
Sulfur	34-1	327013	326023	329416	327484	0.53	cps
Terbium	159-1	11452937	11249668	11256983	11319863	1.02	cps
Terbium	159-2	2150086	2022581	1820088	1997585	8.33	cps
Thallium	203-1	242	200	300	247	20.32	cps
Thallium	205-1	700	575	725	667	12.06	cps
Tin	118-1	4251	4643	4209	4368	5.48	cps
Titanium	47-1	192	333	125	217	49.10	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	43	67	63	58	21.85	cps
Yttrium	89-1	8963321	8857686	8751241	8857416	1.20	cps
Yttrium	89-2	264845	253817	221976	246880	9.02	cps
Zinc	66-2	130	157	180	156	16.08	cps
Zirconium	90-1	342	467	500	436	19.14	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:51:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	108	108	131	29.48	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1083	1183	1189	9.12	cps
Antimony	121-1	1634	1792	1709	1711	4.63	cps
Arsenic	75-2	202	204	150	185	16.46	cps
Barium	135-1	79933	78734	76370	78346	2.31	cps
Barium	137-1	136809	136096	136902	136602	0.32	cps
Beryllium	9-1	111	100	156	122	24.05	cps
Bismuth	209-1	7176202	7134044	7051260	7120502	0.89	cps
Bismuth	209-2	1799926	1804481	1771673	1792027	0.99	cps
Boron	10-1	12531	13007	13524	13020	3.81	cps
Boron	11-1	62412	60855	63860	62376	2.41	cps
Cadmium	111-1	1028	1253	1089	1124	10.36	cps
Cadmium	106-1	1400	1700	1475	1525	10.24	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	1820962	1812569	1806338	1813289	0.40	cps
Calcium	44-1	29471765	29320503	29001677	29264648	0.82	cps
Chromium	52-2	4534	4251	4618	4467	4.30	cps
Cobalt	59-2	1803	1833	1827	1821	0.87	cps
Copper	63-2	5728	5831	5585	5715	2.17	cps
Dysprosium	156-1	1158	1217	1150	1175	3.09	cps
Dysprosium	156-2	260	190	187	212	19.51	cps
Erbium	164-1	825	867	867	853	2.82	cps
Erbium	164-2	167	210	137	171	21.55	cps
Gadolinium	160-1	1125	1133	850	1036	15.56	cps
Gadolinium	160-2	237	227	247	237	4.23	cps
Holmium	165-1	11326728	11357103	11188256	11290695	0.80	cps
Holmium	165-2	2228303	2259479	2179508	2222430	1.81	cps
Indium	115-1	8681841	8553457	8613868	8616389	0.75	cps
Indium	115-2	347063	350640	346580	348094	0.64	cps
Iron	56-2	1228017	1215170	1205340	1216175	0.94	cps
Iron	57-2	29983	31169	30645	30599	1.94	cps
Lead	206-1	5418	5690	5557	5555	2.45	cps
Lead	207-1	4745	4679	4612	4679	1.43	cps
Lead	208-1	21046	21691	21469	21402	1.53	cps
Lithium	6-1	1264593	1276063	1253754	1264803	0.88	cps
Magnesium	24-2	778010	773961	765642	772538	0.82	cps
Manganese	55-2	125702	125998	123825	125175	0.94	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4101	4051	4309	4154	3.30	cps
Molybdenum	95-1	5101	4684	5043	4943	4.57	cps
Molybdenum	96-1	5618	5543	5685	5615	1.26	cps
Molybdenum	97-1	3192	3267	3109	3189	2.48	cps
Molybdenum	98-1	8103	8069	7969	8047	0.86	cps
Neodymium	150-1	1674	1894	1707	1758	6.75	cps
Neodymium	150-2	287	243	203	244	17.05	cps
Nickel	60-2	2817	2860	2860	2846	0.88	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	28563	28371	28730	28555	0.63	cps
Rhodium	103-1	7847972	7758309	7767559	7791280	0.63	cps
Rhodium	103-2	2002647	2008307	1983654	1998202	0.65	cps
Scandium	45-1	4543623	4517472	4486907	4516001	0.63	cps
Scandium	45-2	35906	35722	34937	35522	1.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-81	-60	-26	-56	-50.14	cps
Silicon	28-1	21714594	21452902	21232619	21466705	1.12	cps
Silver	109-1	11380	11814	11881	11692	2.32	cps
Silver	107-1	11922	11622	12398	11981	3.26	cps
Sodium	23-2	2259028	2244175	2250537	2251247	0.33	cps
Strontium	86-1	756188	744510	753103	751267	0.81	cps
Strontium	88-1	6547096	6502457	6500181	6516578	0.41	cps
Sulfur	34-1	669736	669106	659984	666275	0.82	cps
Terbium	159-1	11618374	11739121	11632092	11663196	0.57	cps
Terbium	159-2	2152146	2158198	2133246	2147863	0.61	cps
Thallium	203-1	242	225	233	233	3.57	cps
Thallium	205-1	583	375	608	522	24.53	cps
Tin	118-1	1517	1583	1717	1606	6.34	cps
Titanium	47-1	8532	6285	5918	6912	20.47	cps
Uranium	238-1	32009	32886	31474	32123	2.22	cps
Vanadium	51-2	527	490	467	494	6.12	cps
Yttrium	89-1	9003502	9084986	9001022	9029837	0.53	cps
Yttrium	89-2	259713	265187	259434	261445	1.24	cps
Zinc	66-2	1167	1130	1247	1181	5.05	cps
Zirconium	90-1	3442	3259	5043	3915	25.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:54:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	808	633	761	14.70	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	483	442	445	8.46	cps
Antimony	121-1	2734	2650	2350	2578	7.82	cps
Arsenic	75-2	31	22	9	21	53.18	cps
Barium	135-1	67456	65404	65337	66065	1.82	cps
Barium	137-1	117124	115535	113846	115502	1.42	cps
Beryllium	9-1	83	106	117	102	16.66	cps
Bismuth	209-1	7404305	7353658	7302153	7353372	0.69	cps
Bismuth	209-2	1837548	1826161	1838652	1834120	0.38	cps
Boron	10-1	23228	23203	22961	23131	0.64	cps
Boron	11-1	107585	110877	113707	110723	2.77	cps
Cadmium	111-1	1180	1403	1263	1282	8.80	cps
Cadmium	106-1	1567	1784	1625	1659	6.76	cps
Cadmium	108-1	42	17	17	25	57.73	cps
Calcium	43-1	1686677	1673233	1663693	1674534	0.69	cps
Calcium	44-1	27344752	27405668	27250647	27333689	0.29	cps
Chromium	52-2	4544	4261	4371	4392	3.25	cps
Cobalt	59-2	39382	38974	39820	39392	1.07	cps
Copper	63-2	7365	7199	7092	7219	1.91	cps
Dysprosium	156-1	258	258	200	239	14.10	cps
Dysprosium	156-2	43	57	53	51	13.58	cps
Erbium	164-1	300	275	267	281	6.18	cps
Erbium	164-2	57	50	77	61	22.71	cps
Gadolinium	160-1	383	250	317	317	21.05	cps
Gadolinium	160-2	73	90	67	77	15.67	cps
Holmium	165-1	11587496	11396527	11393510	11459178	0.97	cps
Holmium	165-2	2305761	2293798	2266539	2288699	0.88	cps
Indium	115-1	8948931	8807418	8745528	8833959	1.18	cps
Indium	115-2	356710	356718	352999	355476	0.60	cps
Iron	56-2	215808	221642	220407	219285	1.40	cps
Iron	57-2	5751	5651	5568	5657	1.62	cps
Lead	206-1	1639	1467	1400	1502	8.21	cps
Lead	207-1	1200	1211	1289	1233	3.93	cps
Lead	208-1	5934	5806	5751	5830	1.61	cps
Lithium	6-1	1292084	1281555	1281562	1285067	0.47	cps
Magnesium	24-2	799455	787532	782429	789805	1.11	cps
Manganese	55-2	7495	7319	7092	7302	2.77	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13941	13491	13582	13671	1.74	cps
Molybdenum	95-1	22845	22962	22160	22656	1.91	cps
Molybdenum	96-1	25508	25074	25241	25274	0.87	cps
Molybdenum	97-1	14667	14633	14375	14558	1.10	cps
Molybdenum	98-1	36400	36350	35623	36124	1.20	cps
Neodymium	150-1	240	287	280	269	9.39	cps
Neodymium	150-2	37	40	67	48	34.42	cps
Nickel	60-2	3767	4174	4037	3993	5.19	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	47883	47815	46745	47481	1.34	cps
Rhodium	103-1	7958606	7941457	7893273	7931112	0.43	cps
Rhodium	103-2	2070115	2031816	2043942	2048624	0.96	cps
Scandium	45-1	4624639	4568360	4621015	4604671	0.68	cps
Scandium	45-2	36013	36852	36347	36404	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-34	-64	-99	-66	-49.59	cps
Silicon	28-1	21421064	21391377	21088617	21300353	0.86	cps
Silver	109-1	14767	13724	13833	14108	4.06	cps
Silver	107-1	15501	14625	14450	14859	3.79	cps
Sodium	23-2	2449361	2444984	2398986	2431110	1.15	cps
Strontium	86-1	655413	651721	649114	652083	0.49	cps
Strontium	88-1	5743972	5706467	5618416	5689618	1.13	cps
Sulfur	34-1	532997	530003	532269	531756	0.29	cps
Terbium	159-1	12033335	11919371	11661634	11871447	1.60	cps
Terbium	159-2	2219725	2217507	2219659	2218963	0.06	cps
Thallium	203-1	250	233	208	231	9.10	cps
Thallium	205-1	450	400	400	417	6.93	cps
Tin	118-1	1333	1225	1308	1289	4.40	cps
Titanium	47-1	1250	1642	3164	2019	50.09	cps
Uranium	238-1	65976	64636	64954	65188	1.07	cps
Vanadium	51-2	470	403	417	430	8.20	cps
Yttrium	89-1	9245210	9273530	9107194	9208645	0.97	cps
Yttrium	89-2	267942	268454	264001	266799	0.91	cps
Zinc	66-2	1163	1050	1097	1103	5.16	cps
Zirconium	90-1	1750	1383	1342	1492	15.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 15:57:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	392	458	383	20.74	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492	1142	1333	1322	13.26	cps
Antimony	121-1	1508	1517	1400	1475	4.41	cps
Arsenic	75-2	43	50	59	51	16.50	cps
Barium	135-1	83681	83019	82382	83027	0.78	cps
Barium	137-1	144624	144272	142476	143791	0.80	cps
Beryllium	9-1	106	128	83	106	21.05	cps
Bismuth	209-1	7350817	7425088	7295925	7357276	0.88	cps
Bismuth	209-2	1809716	1822376	1806291	1812794	0.47	cps
Boron	10-1	70314	73112	74586	72671	2.99	cps
Boron	11-1	341260	343866	357094	347407	2.44	cps
Cadmium	111-1	1335	1309	1181	1275	6.45	cps
Cadmium	106-1	1775	1692	1500	1656	8.52	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	1509156	1510313	1468460	1495976	1.59	cps
Calcium	44-1	24378555	24318545	24112013	24269704	0.58	cps
Chromium	52-2	1980	1827	2047	1951	5.78	cps
Cobalt	59-2	1773	1640	1627	1680	4.83	cps
Copper	63-2	3861	3901	4237	4000	5.17	cps
Dysprosium	156-1	2309	2259	2342	2303	1.82	cps
Dysprosium	156-2	463	460	497	473	4.28	cps
Erbium	164-1	1959	2009	1825	1931	4.91	cps
Erbium	164-2	370	313	423	369	14.91	cps
Gadolinium	160-1	2109	2600	2284	2331	10.69	cps
Gadolinium	160-2	560	603	553	572	4.74	cps
Holmium	165-1	11718940	11591617	11455057	11588538	1.14	cps
Holmium	165-2	2302032	2274414	2273095	2283181	0.72	cps
Indium	115-1	8829655	8858381	8829211	8839082	0.19	cps
Indium	115-2	353371	348205	349662	350413	0.76	cps
Iron	56-2	205030	203900	203303	204078	0.43	cps
Iron	57-2	5279	5279	5234	5264	0.49	cps
Lead	206-1	3273	3262	3100	3212	3.00	cps
Lead	207-1	2778	2561	2428	2589	6.82	cps
Lead	208-1	12770	12003	11875	12216	3.96	cps
Lithium	6-1	1278672	1295251	1280940	1284954	0.70	cps
Magnesium	24-2	861230	849640	847769	852880	0.86	cps
Manganese	55-2	119375	115160	116258	116931	1.87	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3092	3201	3117	3137	1.81	cps
Molybdenum	95-1	4468	4076	4067	4204	5.44	cps
Molybdenum	96-1	4718	4401	4409	4509	4.00	cps
Molybdenum	97-1	2650	2384	2767	2600	7.56	cps
Molybdenum	98-1	6418	6902	7177	6833	5.62	cps
Neodymium	150-1	3161	3387	3080	3209	4.96	cps
Neodymium	150-2	377	370	320	356	8.71	cps
Nickel	60-2	2667	2824	2800	2764	3.06	cps
Phosphorus	31-2	33	42	50	42	20.00	cps
Potassium	39-2	36866	36582	35964	36471	1.27	cps
Rhodium	103-1	7931558	7911679	7891728	7911655	0.25	cps
Rhodium	103-2	2010332	2002186	2011315	2007944	0.25	cps
Scandium	45-1	4649746	4547230	4572254	4589743	1.16	cps
Scandium	45-2	36180	35445	35458	35694	1.18	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-92	-49	-160	-100	-55.62	cps
Silicon	28-1	42120997	41883652	41528951	41844533	0.71	cps
Silver	109-1	13883	11756	12657	12765	8.36	cps
Silver	107-1	13366	13541	12523	13143	4.14	cps
Sodium	23-2	8578385	8441154	8552337	8523959	0.86	cps
Strontium	86-1	425845	419693	417743	421094	1.00	cps
Strontium	88-1	3716614	3677274	3694084	3695990	0.53	cps
Sulfur	34-1	525181	522690	525683	524518	0.31	cps
Terbium	159-1	12110095	12109358	11915324	12044926	0.93	cps
Terbium	159-2	2201903	2196234	2208482	2202206	0.28	cps
Thallium	203-1	208	300	375	294	28.35	cps
Thallium	205-1	700	725	692	706	2.46	cps
Tin	118-1	1400	1559	1517	1492	5.50	cps
Titanium	47-1	5835	5460	5726	5674	3.40	cps
Uranium	238-1	34783	35610	35143	35179	1.18	cps
Vanadium	51-2	3677	3457	3474	3536	3.47	cps
Yttrium	89-1	9231963	9204629	9245689	9227427	0.23	cps
Yttrium	89-2	266049	260814	260609	262491	1.17	cps
Zinc	66-2	743	877	820	813	8.23	cps
Zirconium	90-1	1842	1959	2267	2022	10.86	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:00:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	450	592	489	18.39	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	667	925	875	822	16.66	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	192	150	133	158	18.98	cps
Barium	137-1	275	392	325	331	17.71	cps
Beryllium	9-1	117	83	72	91	25.49	cps
Bismuth	209-1	7172549	7126135	7001402	7100028	1.25	cps
Bismuth	209-2	1803712	1769361	1786252	1786442	0.96	cps
Boron	10-1	3301	2859	3117	3092	7.18	cps
Boron	11-1	15934	15401	13941	15092	6.84	cps
Cadmium	111-1	1066	1206	1127	1133	6.18	cps
Cadmium	106-1	1450	1667	1550	1556	6.97	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Calcium	43-1	1308	1525	1475	1436	7.90	cps
Calcium	44-1	33725	32472	33649	33282	2.11	cps
Chromium	52-2	457	417	337	403	15.15	cps
Cobalt	59-2	30	27	43	33	26.45	cps
Copper	63-2	787	770	770	776	1.24	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	3	3	23	10	115.51	cps
Holmium	165-1	10981832	10939281	11001932	10974348	0.29	cps
Holmium	165-2	2200382	2161406	2178872	2180220	0.90	cps
Indium	115-1	8733510	8545713	8634607	8637943	1.09	cps
Indium	115-2	345193	348408	343761	345787	0.69	cps
Iron	56-2	5390	5007	5190	5196	3.69	cps
Iron	57-2	122	133	161	139	14.42	cps
Lead	206-1	444	489	478	470	4.92	cps
Lead	207-1	361	394	328	361	9.23	cps
Lead	208-1	1722	1722	1639	1695	2.84	cps
Lithium	6-1	1260677	1256640	1239100	1252139	0.92	cps
Magnesium	24-2	1008	1192	1058	1086	8.73	cps
Manganese	55-2	187	240	173	200	17.64	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	150	233	192	21.74	cps
Molybdenum	95-1	67	42	50	53	24.12	cps
Molybdenum	96-1	150	50	100	100	50.00	cps
Molybdenum	97-1	58	92	83	78	22.30	cps
Molybdenum	98-1	108	150	100	119	22.43	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	327	333	323	328	1.55	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2534	2617	2567	2573	1.63	cps
Rhodium	103-1	7961851	7793392	7770927	7842057	1.33	cps
Rhodium	103-2	2024811	2034506	2006635	2021984	0.70	cps
Scandium	45-1	4412551	4390092	4436944	4413195	0.53	cps
Scandium	45-2	35442	35632	35472	35515	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-75	-124	-174	-125	-39.67	cps
Silicon	28-1	304696	308158	306628	306494	0.57	cps
Silver	109-1	9103	9637	9429	9390	2.86	cps
Silver	107-1	9804	10063	10530	10132	3.63	cps
Sodium	23-2	35270	33858	34451	34526	2.05	cps
Strontium	86-1	1083	1200	1125	1136	5.20	cps
Strontium	88-1	5110	5068	5276	5151	2.14	cps
Sulfur	34-1	345949	343253	347742	345648	0.65	cps
Terbium	159-1	11447316	11405490	11295369	11382725	0.69	cps
Terbium	159-2	2122645	2101526	2115154	2113109	0.51	cps
Thallium	203-1	158	192	100	150	30.93	cps
Thallium	205-1	242	242	242	242	0.00	cps
Tin	118-1	1609	1592	1725	1642	4.42	cps
Titanium	47-1	250	192	267	236	16.68	cps
Uranium	238-1	42	17	50	36	48.03	cps
Vanadium	51-2	57	70	97	74	27.36	cps
Yttrium	89-1	8821596	8722257	8726806	8756886	0.64	cps
Yttrium	89-2	253870	256892	253176	254646	0.78	cps
Zinc	66-2	97	93	150	113	28.05	cps
Zirconium	90-1	467	400	517	461	12.69	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:03:48	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	142	142	136	7.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	158	83	85.47	cps
Antimony	121-1	942	1008	1158	1036	10.71	cps
Arsenic	75-2	15	26	22	21	26.98	cps
Barium	135-1	46416	44234	45195	45281	2.42	cps
Barium	137-1	79145	77167	78726	78346	1.33	cps
Beryllium	9-1	61	94	111	89	28.64	cps
Bismuth	209-1	7433763	7315536	7308613	7352637	0.96	cps
Bismuth	209-2	1845026	1826733	1785149	1818970	1.69	cps
Boron	10-1	44972	46049	45983	45668	1.32	cps
Boron	11-1	214943	214099	216462	215168	0.56	cps
Cadmium	111-1	1316	1163	1218	1233	6.27	cps
Cadmium	106-1	1617	1383	1492	1497	7.80	cps
Cadmium	108-1	17	25	25	22	21.64	cps
Calcium	43-1	1542716	1523361	1496955	1521011	1.51	cps
Calcium	44-1	24797887	24247285	24380191	24475121	1.17	cps
Chromium	52-2	3174	3037	3437	3216	6.32	cps
Cobalt	59-2	1183	1093	1147	1141	3.97	cps
Copper	63-2	2494	2540	2547	2527	1.15	cps
Dysprosium	156-1	192	167	183	181	7.05	cps
Dysprosium	156-2	53	40	43	46	15.23	cps
Erbium	164-1	433	300	208	314	36.04	cps
Erbium	164-2	40	30	53	41	28.47	cps
Gadolinium	160-1	267	258	300	275	8.03	cps
Gadolinium	160-2	43	97	37	59	55.85	cps
Holmium	165-1	11301436	11297009	11275707	11291384	0.12	cps
Holmium	165-2	2196564	2180724	2189402	2188896	0.36	cps
Indium	115-1	8755049	8618239	8590411	8654566	1.02	cps
Indium	115-2	340326	341255	335683	339088	0.88	cps
Iron	56-2	149628	147353	145747	147576	1.32	cps
Iron	57-2	3712	3967	3784	3821	3.45	cps
Lead	206-1	1400	1289	1422	1370	5.21	cps
Lead	207-1	1178	1083	1117	1126	4.25	cps
Lead	208-1	5378	5017	5201	5199	3.47	cps
Lithium	6-1	1239343	1227289	1242028	1236220	0.64	cps
Magnesium	24-2	531749	524279	528263	528097	0.71	cps
Manganese	55-2	364192	361211	360378	361927	0.55	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1233	1450	1000	1228	18.33	cps
Molybdenum	95-1	1567	1767	1692	1675	6.03	cps
Molybdenum	96-1	1942	1809	1742	1831	5.56	cps
Molybdenum	97-1	1150	1233	950	1111	13.11	cps
Molybdenum	98-1	2800	2500	2759	2686	6.05	cps
Neodymium	150-1	220	180	233	211	13.15	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	2877	2844	2694	2805	3.48	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	23871	24297	23938	24035	0.95	cps
Rhodium	103-1	7883013	7713431	7712453	7769633	1.26	cps
Rhodium	103-2	1972898	1967918	1974046	1971620	0.17	cps
Scandium	45-1	4527882	4463212	4414829	4468641	1.27	cps
Scandium	45-2	34078	34188	34342	34203	0.39	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-154	-126	-128	-136	-11.17	cps
Silicon	28-1	37360887	37091356	36540487	36997577	1.13	cps
Silver	109-1	9846	9279	9512	9545	2.99	cps
Silver	107-1	9771	10229	9596	9865	3.32	cps
Sodium	23-2	947216	940315	934211	940581	0.69	cps
Strontium	86-1	440590	433946	429337	434624	1.30	cps
Strontium	88-1	3862158	3771271	3818393	3817274	1.19	cps
Sulfur	34-1	484792	483011	482303	483369	0.27	cps
Terbium	159-1	11800568	11667124	11684999	11717564	0.62	cps
Terbium	159-2	2135021	2107126	2100084	2114077	0.87	cps
Thallium	203-1	192	258	200	217	16.77	cps
Thallium	205-1	483	517	492	497	3.49	cps
Tin	118-1	1792	1734	1700	1742	2.66	cps
Titanium	47-1	950	800	558	770	25.68	cps
Uranium	238-1	10313	10430	10847	10530	2.66	cps
Vanadium	51-2	1033	987	980	1000	2.91	cps
Yttrium	89-1	8978784	8834814	8854201	8889266	0.88	cps
Yttrium	89-2	254181	253618	250624	252808	0.76	cps
Zinc	66-2	330	363	327	340	5.96	cps
Zirconium	90-1	883	1033	1000	972	8.10	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:06:56	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	167	167	183	15.75	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333	1517	1283	1378	8.92	cps
Antimony	121-1	1392	1342	1208	1314	7.21	cps
Arsenic	75-2	30	48	43	40	23.68	cps
Barium	135-1	61259	61795	60733	61262	0.87	cps
Barium	137-1	107098	108475	106880	107485	0.80	cps
Beryllium	9-1	128	78	56	87	42.50	cps
Bismuth	209-1	7091342	7068042	7081634	7080339	0.17	cps
Bismuth	209-2	1692719	1656566	1654145	1667810	1.30	cps
Boron	10-1	176743	179998	181044	179261	1.25	cps
Boron	11-1	840270	855639	866751	854220	1.56	cps
Cadmium	111-1	1715	1729	1557	1667	5.75	cps
Cadmium	106-1	1592	1542	1408	1514	6.26	cps
Cadmium	108-1	58	83	42	61	34.32	cps
Calcium	43-1	1807036	1801948	1785547	1798177	0.62	cps
Calcium	44-1	29148878	29266214	28860566	29091886	0.72	cps
Chromium	52-2	1547	1567	1407	1507	5.79	cps
Cobalt	59-2	2207	2190	2320	2239	3.16	cps
Copper	63-2	7412	7726	7335	7491	2.76	cps
Dysprosium	156-1	1725	1542	1600	1622	5.77	cps
Dysprosium	156-2	280	337	310	309	9.18	cps
Erbium	164-1	1642	1383	1233	1420	14.55	cps
Erbium	164-2	257	220	243	240	7.73	cps
Gadolinium	160-1	1609	1442	1517	1522	5.48	cps
Gadolinium	160-2	417	323	363	368	12.73	cps
Holmium	165-1	11020480	10934078	10923334	10959297	0.49	cps
Holmium	165-2	2148935	2109131	2135914	2131327	0.95	cps
Indium	115-1	8506081	8430097	8322004	8419394	1.10	cps
Indium	115-2	326687	326134	326440	326420	0.08	cps
Iron	56-2	251115	250928	250648	250897	0.09	cps
Iron	57-2	6124	6102	6218	6148	1.01	cps
Lead	206-1	5046	4901	5057	5001	1.74	cps
Lead	207-1	3984	4112	4162	4086	2.24	cps
Lead	208-1	19023	19518	19662	19401	1.73	cps
Lithium	6-1	1208714	1181295	1204871	1198293	1.24	cps
Magnesium	24-2	993312	991073	985012	989799	0.43	cps
Manganese	55-2	1137495	1136032	1129939	1134489	0.35	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4351	3884	3976	4070	6.08	cps
Molybdenum	95-1	4959	5201	5201	5121	2.73	cps
Molybdenum	96-1	5543	5268	5226	5346	3.22	cps
Molybdenum	97-1	2909	3067	2875	2950	3.47	cps
Molybdenum	98-1	8228	7761	8178	8056	3.18	cps
Neodymium	150-1	2134	2067	1814	2005	8.42	cps
Neodymium	150-2	263	243	227	244	7.51	cps
Nickel	60-2	1570	1440	1560	1523	4.75	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	25741	25958	25641	25780	0.63	cps
Rhodium	103-1	7456864	7405322	7424409	7428865	0.35	cps
Rhodium	103-2	1910209	1881034	1885404	1892216	0.83	cps
Scandium	45-1	4300692	4270270	4261694	4277552	0.48	cps
Scandium	45-2	33821	33370	32648	33280	1.78	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-76	-81	-117	-91	-24.55	cps
Silicon	28-1	41838674	41647362	41027795	41504610	1.02	cps
Silver	109-1	10063	9504	9662	9743	2.96	cps
Silver	107-1	11297	10897	10363	10852	4.32	cps
Sodium	23-2	2344133	2311577	2299923	2318544	0.99	cps
Strontium	86-1	439377	444612	438469	440819	0.75	cps
Strontium	88-1	3873384	3849814	3853052	3858750	0.33	cps
Sulfur	34-1	579626	577894	575924	577815	0.32	cps
Terbium	159-1	11392944	11337140	11390774	11373619	0.28	cps
Terbium	159-2	2060085	2065163	2051582	2058944	0.33	cps
Thallium	203-1	217	292	283	264	15.58	cps
Thallium	205-1	675	675	525	625	13.86	cps
Tin	118-1	1275	1742	1458	1492	15.76	cps
Titanium	47-1	8420	9114	8094	8543	6.10	cps
Uranium	238-1	31933	32978	32209	32374	1.67	cps
Vanadium	51-2	3140	3140	3480	3254	6.03	cps
Yttrium	89-1	8821322	8629108	8684478	8711636	1.14	cps
Yttrium	89-2	244550	243312	244862	244241	0.34	cps
Zinc	66-2	487	533	467	496	6.90	cps
Zirconium	90-1	3951	3951	3526	3809	6.44	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:10:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	817	942	806	17.63	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	708	617	717	14.57	cps
Antimony	121-1	958	925	1017	967	4.80	cps
Arsenic	75-2	19	13	30	20	41.67	cps
Barium	135-1	30219	29534	30001	29918	1.17	cps
Barium	137-1	52171	52848	52723	52581	0.69	cps
Beryllium	9-1	78	94	106	93	15.10	cps
Bismuth	209-1	7081855	7023832	6945327	7017004	0.98	cps
Bismuth	209-2	1658193	1648826	1654779	1653933	0.29	cps
Boron	10-1	54605	53844	54145	54198	0.71	cps
Boron	11-1	251763	252443	255800	253335	0.85	cps
Cadmium	111-1	1170	1069	1170	1136	5.13	cps
Cadmium	106-1	1617	1450	1567	1545	5.54	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	1736123	1699268	1689553	1708315	1.44	cps
Calcium	44-1	27770367	27554280	27388511	27571053	0.69	cps
Chromium	52-2	1603	1547	1307	1486	10.60	cps
Cobalt	59-2	2337	2197	2340	2291	3.57	cps
Copper	63-2	3210	3224	3304	3246	1.56	cps
Dysprosium	156-1	450	500	542	497	9.23	cps
Dysprosium	156-2	130	90	90	103	22.35	cps
Erbium	164-1	475	500	442	472	6.20	cps
Erbium	164-2	103	80	73	86	18.42	cps
Gadolinium	160-1	508	558	517	528	5.08	cps
Gadolinium	160-2	130	117	127	124	5.57	cps
Holmium	165-1	10951414	10788775	10875045	10871745	0.75	cps
Holmium	165-2	2127628	2107406	2105162	2113399	0.59	cps
Indium	115-1	8453176	8381654	8285126	8373318	1.01	cps
Indium	115-2	331090	327761	329565	329472	0.51	cps
Iron	56-2	136396	134614	137902	136304	1.21	cps
Iron	57-2	3412	3262	3534	3402	4.01	cps
Lead	206-1	1489	1461	1456	1469	1.22	cps
Lead	207-1	1345	1333	1189	1289	6.73	cps
Lead	208-1	5990	5929	5601	5840	3.58	cps
Lithium	6-1	1201251	1173321	1195264	1189945	1.24	cps
Magnesium	24-2	884713	880000	881096	881936	0.28	cps
Manganese	55-2	4017	3904	4107	4010	2.54	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1208	1108	1100	1139	5.29	cps
Molybdenum	95-1	975	917	883	925	5.02	cps
Molybdenum	96-1	1425	1083	1058	1189	17.23	cps
Molybdenum	97-1	608	558	608	592	4.88	cps
Molybdenum	98-1	1892	1775	1675	1781	6.09	cps
Neodymium	150-1	587	533	520	547	6.45	cps
Neodymium	150-2	63	67	43	58	21.85	cps
Nickel	60-2	997	887	837	907	9.03	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	22060	21467	20691	21406	3.21	cps
Rhodium	103-1	7519201	7501289	7442907	7487799	0.53	cps
Rhodium	103-2	1916638	1881211	1900978	1899609	0.93	cps
Scandium	45-1	4313456	4331602	4240000	4295019	1.13	cps
Scandium	45-2	33808	33096	33848	33584	1.26	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-100	-14	-116	-77	-71.78	cps
Silicon	28-1	31773330	31442886	31181361	31465859	0.94	cps
Silver	109-1	9821	9562	9470	9618	1.89	cps
Silver	107-1	10505	10037	9721	10088	3.91	cps
Sodium	23-2	2158424	2140474	2153582	2150827	0.43	cps
Strontium	86-1	431303	432755	432803	432287	0.20	cps
Strontium	88-1	3804105	3779975	3763902	3782661	0.53	cps
Sulfur	34-1	693828	693136	695601	694188	0.18	cps
Terbium	159-1	11387127	11258860	11230959	11292315	0.74	cps
Terbium	159-2	2064496	2086307	2022780	2057861	1.57	cps
Thallium	203-1	225	117	133	158	36.84	cps
Thallium	205-1	475	333	350	386	20.05	cps
Tin	118-1	1192	917	1000	1036	13.61	cps
Titanium	47-1	4626	4484	4710	4607	2.48	cps
Uranium	238-1	22521	21845	21486	21951	2.39	cps
Vanadium	51-2	1623	1397	1453	1491	7.91	cps
Yttrium	89-1	8676102	8656256	8566113	8632824	0.68	cps
Yttrium	89-2	246603	243759	244173	244845	0.63	cps
Zinc	66-2	397	483	430	437	10.01	cps
Zirconium	90-1	1458	1559	1375	1464	6.27	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:13:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	358	275	331	14.56	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	642	708	717	11.09	cps
Antimony	121-1	1492	1575	1450	1506	4.23	cps
Arsenic	75-2	31	19	24	25	26.34	cps
Barium	135-1	30277	30127	28874	29759	2.59	cps
Barium	137-1	51593	51301	50447	51114	1.17	cps
Beryllium	9-1	111	78	100	96	17.62	cps
Bismuth	209-1	7028505	6996136	6958131	6994257	0.50	cps
Bismuth	209-2	1697488	1661052	1660274	1672938	1.27	cps
Boron	10-1	50624	51226	52171	51340	1.52	cps
Boron	11-1	236570	242050	243845	240822	1.57	cps
Cadmium	111-1	1080	1018	1146	1081	5.92	cps
Cadmium	106-1	1459	1367	1550	1458	6.29	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	1722360	1714370	1704305	1713678	0.53	cps
Calcium	44-1	27713496	27729327	27336563	27593129	0.81	cps
Chromium	52-2	1627	1527	1693	1616	5.19	cps
Cobalt	59-2	2444	2457	2480	2460	0.75	cps
Copper	63-2	3180	3174	3150	3168	0.50	cps
Dysprosium	156-1	467	467	475	469	1.02	cps
Dysprosium	156-2	60	120	90	90	33.33	cps
Erbium	164-1	467	467	642	525	19.25	cps
Erbium	164-2	113	83	100	99	15.20	cps
Gadolinium	160-1	392	492	675	519	27.66	cps
Gadolinium	160-2	130	87	167	128	31.34	cps
Holmium	165-1	10957621	10884707	10932723	10925017	0.34	cps
Holmium	165-2	2152373	2142245	2114496	2136371	0.92	cps
Indium	115-1	8430567	8425169	8344837	8400191	0.57	cps
Indium	115-2	331765	329343	329256	330121	0.43	cps
Iron	56-2	142387	142463	139802	141551	1.07	cps
Iron	57-2	3317	3528	3617	3488	4.42	cps
Lead	206-1	1572	1556	1428	1519	5.20	cps
Lead	207-1	1339	1250	1361	1317	4.47	cps
Lead	208-1	6256	6179	6218	6217	0.63	cps
Lithium	6-1	1174500	1178169	1179423	1177364	0.22	cps
Magnesium	24-2	887998	889850	885263	887704	0.26	cps
Manganese	55-2	4461	4497	4367	4442	1.51	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1142	1392	1158	1231	11.36	cps
Molybdenum	95-1	1008	950	933	964	4.09	cps
Molybdenum	96-1	1342	1250	1258	1283	3.95	cps
Molybdenum	97-1	617	800	617	678	15.62	cps
Molybdenum	98-1	1942	1692	1717	1784	7.72	cps
Neodymium	150-1	640	540	613	598	8.66	cps
Neodymium	150-2	50	80	93	74	29.82	cps
Nickel	60-2	997	1127	960	1028	8.52	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	20875	20799	21617	21097	2.14	cps
Rhodium	103-1	7575718	7470193	7448521	7498144	0.91	cps
Rhodium	103-2	1937667	1884172	1910429	1910756	1.40	cps
Scandium	45-1	4302500	4328306	4271557	4300788	0.66	cps
Scandium	45-2	33924	33042	33543	33503	1.32	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	9	24	-29	1	2249.55	cps
Silicon	28-1	31853682	31881778	31616774	31784078	0.46	cps
Silver	109-1	9379	9913	9262	9518	3.64	cps
Silver	107-1	9962	9913	10288	10054	2.03	cps
Sodium	23-2	2174498	2151917	2148631	2158349	0.65	cps
Strontium	86-1	433374	431647	431342	432121	0.25	cps
Strontium	88-1	3820552	3761861	3749291	3777234	1.01	cps
Sulfur	34-1	702087	699315	699943	700448	0.21	cps
Terbium	159-1	11432513	11466894	11271753	11390387	0.91	cps
Terbium	159-2	2083617	2045496	2084958	2071357	1.08	cps
Thallium	203-1	192	158	183	178	9.76	cps
Thallium	205-1	408	383	417	403	4.31	cps
Tin	118-1	1200	1067	1175	1147	6.18	cps
Titanium	47-1	4376	4918	11573	6956	57.62	cps
Uranium	238-1	22638	21778	22129	22182	1.95	cps
Vanadium	51-2	1537	1510	1437	1495	3.47	cps
Yttrium	89-1	8615275	8658384	8594521	8622726	0.38	cps
Yttrium	89-2	246120	244619	241817	244186	0.89	cps
Zinc	66-2	503	447	443	464	7.26	cps
Zirconium	90-1	2284	1867	1692	1948	15.61	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:16:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	425	750	547	32.33	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	158	183	12.03	cps
Antimony	121-1	217	208	233	219	5.80	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	5235	5368	5710	5438	4.51	cps
Barium	137-1	10246	9437	9420	9701	4.86	cps
Beryllium	9-1	44	83	111	80	42.05	cps
Bismuth	209-1	6497784	6500823	6539536	6512714	0.36	cps
Bismuth	209-2	1578028	1582680	1591227	1583979	0.42	cps
Boron	10-1	13440	13440	12890	13257	2.40	cps
Boron	11-1	64722	62269	62930	63307	2.00	cps
Cadmium	111-1	980	1065	852	966	11.08	cps
Cadmium	106-1	1392	1492	1208	1364	10.54	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	310139	310151	314146	311479	0.74	cps
Calcium	44-1	5101742	5125770	5135141	5120884	0.34	cps
Chromium	52-2	463	493	507	488	4.55	cps
Cobalt	59-2	560	500	533	531	5.66	cps
Copper	63-2	1140	953	990	1028	9.62	cps
Dysprosium	156-1	108	100	133	114	15.23	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	100	167	158	142	25.64	cps
Erbium	164-2	27	37	17	27	37.50	cps
Gadolinium	160-1	200	167	117	161	26.04	cps
Gadolinium	160-2	27	30	23	27	12.51	cps
Holmium	165-1	9926058	9944081	9998371	9956170	0.38	cps
Holmium	165-2	1998699	1998113	2005090	2000634	0.19	cps
Indium	115-1	7732639	7780340	7778926	7763968	0.35	cps
Indium	115-2	316694	316818	314987	316166	0.32	cps
Iron	56-2	28631	29970	28758	29120	2.54	cps
Iron	57-2	717	661	828	735	11.54	cps
Lead	206-1	444	417	400	420	5.34	cps
Lead	207-1	417	389	489	432	11.96	cps
Lead	208-1	2050	1695	1928	1891	9.55	cps
Lithium	6-1	1077419	1093430	1094712	1088520	0.89	cps
Magnesium	24-2	168427	170013	169727	169389	0.50	cps
Manganese	55-2	910	880	943	911	3.48	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	433	383	439	13.34	cps
Molybdenum	95-1	267	283	250	267	6.25	cps
Molybdenum	96-1	175	325	425	308	40.81	cps
Molybdenum	97-1	183	192	150	175	12.60	cps
Molybdenum	98-1	392	308	358	353	11.89	cps
Neodymium	150-1	153	113	73	113	35.29	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	393	350	300	348	13.43	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	5985	5701	5910	5865	2.50	cps
Rhodium	103-1	6978709	7026945	7022568	7009407	0.38	cps
Rhodium	103-2	1830589	1819890	1829910	1826796	0.33	cps
Scandium	45-1	3978983	4054424	4002552	4011986	0.96	cps
Scandium	45-2	31983	31649	32361	31998	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	2	0	4	132.32	cps
Selenium	82-1	-41	-109	-108	-86	-45.44	cps
Silicon	28-1	6106291	6119547	6090556	6105464	0.24	cps
Silver	109-1	1142	1225	1075	1147	6.55	cps
Silver	107-1	1192	1308	1367	1289	6.91	cps
Sodium	23-2	419815	417381	423673	420290	0.75	cps
Strontium	86-1	79682	77059	77160	77967	1.91	cps
Strontium	88-1	672929	685641	678501	679024	0.94	cps
Sulfur	34-1	414561	410136	412492	412396	0.54	cps
Terbium	159-1	10305253	10387700	10447270	10380074	0.69	cps
Terbium	159-2	1921763	1942127	1958861	1940917	0.96	cps
Thallium	203-1	67	92	75	78	16.36	cps
Thallium	205-1	200	333	225	253	28.04	cps
Tin	118-1	1517	1458	1333	1436	6.52	cps
Titanium	47-1	3900	883	1342	2042	79.62	cps
Uranium	238-1	4134	3726	3501	3787	8.48	cps
Vanadium	51-2	337	290	303	310	7.75	cps
Yttrium	89-1	7843526	7949796	7950645	7914656	0.78	cps
Yttrium	89-2	234739	234522	234397	234553	0.07	cps
Zinc	66-2	110	97	97	101	7.61	cps
Zirconium	90-1	608	758	625	664	12.38	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-15 16:19:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	225	192	197	12.91	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9387	10913	10888	10396	8.41	cps
Antimony	121-1	912978	921508	892357	908948	1.65	cps
Arsenic	75-2	3313	3525	3667	3502	5.08	cps
Barium	135-1	4084133	4122434	3955091	4053886	2.16	cps
Barium	137-1	6984577	6968420	6860590	6937862	0.97	cps
Beryllium	9-1	48499	49580	48778	48952	1.15	cps
Bismuth	209-1	7385169	7503199	7216921	7368430	1.95	cps
Bismuth	209-2	1602756	1770389	1809523	1727556	6.36	cps
Boron	10-1	49528	51493	50941	50654	2.00	cps
Boron	11-1	234445	240060	237739	237415	1.19	cps
Cadmium	111-1	94391	96248	95175	95271	0.98	cps
Cadmium	106-1	10430	10146	9796	10124	3.14	cps
Cadmium	108-1	6335	6498	6068	6300	3.44	cps
Calcium	43-1	1736410	1767525	1689583	1731173	2.27	cps
Calcium	44-1	28046541	28511085	27562468	28040032	1.69	cps
Chromium	52-2	132261	141776	144975	139671	4.73	cps
Cobalt	59-2	720660	767304	778338	755434	4.05	cps
Copper	63-2	316469	338989	342161	332539	4.21	cps
Dysprosium	156-1	342	508	483	444	20.22	cps
Dysprosium	156-2	103	97	103	101	3.81	cps
Erbium	164-1	475	583	608	556	12.76	cps
Erbium	164-2	97	120	97	104	12.90	cps
Gadolinium	160-1	392	500	467	453	12.26	cps
Gadolinium	160-2	133	93	140	122	20.65	cps
Holmium	165-1	11345746	11395325	11166199	11302423	1.07	cps
Holmium	165-2	2039984	2194758	2222893	2152545	4.58	cps
Indium	115-1	8651949	8740762	8528010	8640240	1.24	cps
Indium	115-2	313142	335543	341625	330103	4.54	cps
Iron	56-2	555172	584714	599858	579915	3.92	cps
Iron	57-2	13323	14419	14447	14063	4.56	cps
Lead	206-1	122053	121392	121650	121698	0.27	cps
Lead	207-1	110762	111228	109294	110428	0.91	cps
Lead	208-1	496348	495317	488605	493423	0.85	cps
Lithium	6-1	1220950	1205470	1190498	1205639	1.26	cps
Magnesium	24-2	827409	880408	889895	865904	3.89	cps
Manganese	55-2	96380	102667	105716	101587	4.69	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1167	1333	1100	1200	10.02	cps
Molybdenum	95-1	1200	1008	1217	1142	10.14	cps
Molybdenum	96-1	1467	1408	1192	1356	10.69	cps
Molybdenum	97-1	783	867	675	775	12.40	cps
Molybdenum	98-1	1959	1834	1709	1834	6.82	cps
Neodymium	150-1	773	787	673	744	8.32	cps
Neodymium	150-2	67	87	73	76	13.48	cps
Nickel	60-2	209399	222991	225796	219396	4.00	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	19765	20941	21934	20880	5.20	cps
Rhodium	103-1	7803414	7854049	7685940	7781134	1.11	cps
Rhodium	103-2	1835038	1963616	1972789	1923814	4.00	cps
Scandium	45-1	4395969	4480063	4363680	4413237	1.36	cps
Scandium	45-2	31469	34486	34185	33380	4.98	cps
Selenium	77-2	67	70	83	73	12.02	cps
Selenium	78-2	215	204	220	213	3.98	cps
Selenium	82-1	12024	11729	11559	11771	2.00	cps
Silicon	28-1	31904734	32134130	31307643	31782169	1.34	cps
Silver	109-1	378297	386472	387297	384022	1.30	cps
Silver	107-1	397402	408527	408241	404723	1.57	cps
Sodium	23-2	1992789	2128587	2136665	2086014	3.88	cps
Strontium	86-1	440360	438565	432068	436998	1.00	cps
Strontium	88-1	3857242	3856319	3782164	3831908	1.12	cps
Sulfur	34-1	707347	706533	702653	705511	0.36	cps
Terbium	159-1	11872727	11966537	11520137	11786467	2.00	cps
Terbium	159-2	1965284	2092861	2121330	2059825	4.03	cps
Thallium	203-1	373624	379859	363937	372473	2.15	cps
Thallium	205-1	898647	905083	885278	896336	1.13	cps
Tin	118-1	908	925	1042	958	7.58	cps
Titanium	47-1	3359	3292	3301	3317	1.10	cps
Uranium	238-1	22805	22421	22129	22452	1.51	cps
Vanadium	51-2	252670	267574	271582	263942	3.78	cps
Yttrium	89-1	9033032	9027868	8872642	8977847	1.02	cps
Yttrium	89-2	234247	252197	254895	247113	4.54	cps
Zinc	66-2	55869	59289	60545	58568	4.13	cps
Zirconium	90-1	1608	1509	1650	1589	4.58	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:22:32	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	425	267	328	25.97	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:25:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8186	7728	7544	7819	4.23	cps
Antimony	121-1	1483	1358	1075	1306	16.03	cps
Arsenic	75-2	122	93	126	114	16.09	cps
Barium	135-1	128376	126180	123412	125989	1.97	cps
Barium	137-1	224056	219766	218510	220777	1.32	cps
Beryllium	9-1	111	178	272	187	43.28	cps
Bismuth	209-1	6583479	7242053	7323504	7049679	5.76	cps
Bismuth	209-2	1796666	1795687	1782885	1791746	0.43	cps
Boron	10-1	104471	105377	105939	105262	0.70	cps
Boron	11-1	502487	507708	513053	507749	1.04	cps
Cadmium	111-1	1484	1433	1644	1520	7.23	cps
Cadmium	106-1	1458	1492	1667	1539	7.27	cps
Cadmium	108-1	29	33	21	28	22.92	cps
Calcium	43-1	2446345	2393003	2419117	2419488	1.10	cps
Calcium	44-1	39848064	38995282	38983008	39275452	1.26	cps
Chromium	52-2	5775	5705	5705	5728	0.71	cps
Cobalt	59-2	7532	7539	7616	7562	0.61	cps
Copper	63-2	13874	13814	13540	13743	1.29	cps
Dysprosium	156-1	5360	5085	5243	5229	2.64	cps
Dysprosium	156-2	1117	1253	1183	1185	5.77	cps
Erbium	164-1	5335	5802	5885	5674	5.23	cps
Erbium	164-2	1043	967	1000	1003	3.83	cps
Gadolinium	160-1	5777	5827	5510	5704	2.99	cps
Gadolinium	160-2	1497	1507	1407	1470	3.75	cps
Holmium	165-1	10384966	11259421	11514866	11053084	5.36	cps
Holmium	165-2	2257229	2223272	2233197	2237899	0.78	cps
Indium	115-1	7818077	8532761	8680078	8343639	5.53	cps
Indium	115-2	345222	341284	340347	342285	0.76	cps
Iron	56-2	1529622	1536578	1511494	1525898	0.85	cps
Iron	57-2	38120	36626	37557	37434	2.01	cps
Lead	206-1	12479	11817	12323	12206	2.83	cps
Lead	207-1	9954	9737	9865	9852	1.11	cps
Lead	208-1	47620	46084	46495	46733	1.70	cps
Lithium	6-1	1105640	1199032	1213188	1172620	4.98	cps
Magnesium	24-2	1114100	1081569	1099648	1098439	1.48	cps
Manganese	55-2	648375	641573	638247	642732	0.80	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:25:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12390	11981	11722	12031	2.80	cps
Molybdenum	95-1	15509	14734	14283	14842	4.18	cps
Molybdenum	96-1	17704	15893	15826	16475	6.47	cps
Molybdenum	97-1	9520	9379	9187	9362	1.79	cps
Molybdenum	98-1	24256	23638	23488	23794	1.71	cps
Neodymium	150-1	6515	6268	7122	6635	6.62	cps
Neodymium	150-2	807	813	800	807	0.83	cps
Nickel	60-2	4527	4307	4501	4445	2.70	cps
Phosphorus	31-2	50	33	67	50	33.34	cps
Potassium	39-2	35763	35955	34577	35432	2.11	cps
Rhodium	103-1	7040613	7695859	7695911	7477461	5.06	cps
Rhodium	103-2	1993672	1993452	1986827	1991317	0.20	cps
Scandium	45-1	4143260	4373636	4513806	4343567	4.31	cps
Scandium	45-2	34803	34810	34272	34628	0.89	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	7	11	7	68.65	cps
Selenium	82-1	-33	-111	-175	-106	-66.88	cps
Silicon	28-1	40368330	39397545	39345167	39703680	1.45	cps
Silver	109-1	21997	18899	17487	19461	11.85	cps
Silver	107-1	22896	18806	18764	20155	11.78	cps
Sodium	23-2	2910687	2908637	2898757	2906027	0.22	cps
Strontium	86-1	771902	758967	758311	763060	1.00	cps
Strontium	88-1	6676410	6637561	6543819	6619263	1.03	cps
Sulfur	34-1	897583	884009	882859	888150	0.92	cps
Terbium	159-1	10732444	11725262	11917765	11458490	5.55	cps
Terbium	159-2	2191729	2179622	2137050	2169467	1.32	cps
Thallium	203-1	425	442	442	436	2.21	cps
Thallium	205-1	1025	942	1175	1047	11.29	cps
Tin	118-1	975	1233	1233	1147	13.00	cps
Titanium	47-1	41093	32531	33333	35652	13.26	cps
Uranium	238-1	39966	40768	39171	39968	2.00	cps
Vanadium	51-2	4287	4374	4397	4353	1.33	cps
Yttrium	89-1	8231802	8988195	9106999	8775665	5.41	cps
Yttrium	89-2	260461	260123	257459	259348	0.63	cps
Zinc	66-2	1227	1370	1257	1285	5.89	cps
Zirconium	90-1	9946	9104	10046	9698	5.34	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:25:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2651	2292	2284	2409	8.70	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2000	2150	1884	2011	6.65	cps
Antimony	121-1	1325	1183	1433	1314	9.54	cps
Arsenic	75-2	35	37	41	38	7.50	cps
Barium	135-1	51786	50113	51292	51064	1.68	cps
Barium	137-1	90368	89804	88129	89433	1.30	cps
Beryllium	9-1	133	156	117	135	14.43	cps
Bismuth	209-1	7677871	7592361	7541088	7603773	0.91	cps
Bismuth	209-2	1864012	1861170	1867351	1864178	0.17	cps
Boron	10-1	11922	11714	11605	11747	1.37	cps
Boron	11-1	57182	57190	54547	56306	2.71	cps
Cadmium	111-1	1302	1183	1219	1235	4.94	cps
Cadmium	106-1	1700	1567	1592	1620	4.38	cps
Cadmium	108-1	13	25	29	22	39.04	cps
Calcium	43-1	1061607	1046111	1046567	1051428	0.84	cps
Calcium	44-1	17367415	17097055	16994099	17152856	1.12	cps
Chromium	52-2	8209	8006	8193	8136	1.39	cps
Cobalt	59-2	1327	1297	1220	1281	4.29	cps
Copper	63-2	5428	5438	5585	5483	1.60	cps
Dysprosium	156-1	2834	2775	2800	2803	1.04	cps
Dysprosium	156-2	480	463	577	507	12.08	cps
Erbium	164-1	2425	2225	2542	2398	6.68	cps
Erbium	164-2	443	483	513	480	7.32	cps
Gadolinium	160-1	2567	2475	2484	2509	2.02	cps
Gadolinium	160-2	660	553	760	658	15.71	cps
Holmium	165-1	11984737	11746593	11709300	11813543	1.26	cps
Holmium	165-2	2321515	2271273	2292090	2294959	1.10	cps
Indium	115-1	9181025	8942568	8927408	9017000	1.58	cps
Indium	115-2	350423	347617	345463	347834	0.72	cps
Iron	56-2	349788	344427	344628	346281	0.88	cps
Iron	57-2	8475	8520	9070	8688	3.81	cps
Lead	206-1	11494	11761	11355	11537	1.79	cps
Lead	207-1	10232	10026	10238	10165	1.18	cps
Lead	208-1	46362	46613	45995	46323	0.67	cps
Lithium	6-1	1279402	1252019	1248221	1259880	1.35	cps
Magnesium	24-2	375383	377391	374535	375770	0.39	cps
Manganese	55-2	50427	51033	50645	50702	0.61	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2742	2459	2692	2631	5.75	cps
Molybdenum	95-1	2659	2725	2742	2709	1.63	cps
Molybdenum	96-1	3434	2984	3620	3346	9.77	cps
Molybdenum	97-1	1892	1700	1609	1734	8.34	cps
Molybdenum	98-1	4251	4701	4209	4387	6.22	cps
Neodymium	150-1	4081	3787	3967	3945	3.75	cps
Neodymium	150-2	487	473	513	491	4.15	cps
Nickel	60-2	4284	4227	4114	4208	2.06	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	22360	21584	22118	22021	1.80	cps
Rhodium	103-1	8180606	8092354	8038526	8103829	0.89	cps
Rhodium	103-2	2068706	2044531	2053902	2055713	0.59	cps
Scandium	45-1	4650470	4550627	4550677	4583925	1.26	cps
Scandium	45-2	35866	35502	34770	35379	1.58	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-93	-31	-130	-85	-58.82	cps
Silicon	28-1	22669927	21823480	21423131	21972179	2.90	cps
Silver	109-1	15309	14450	14558	14773	3.17	cps
Silver	107-1	15443	14859	14617	14973	2.84	cps
Sodium	23-2	1028543	1011767	1010272	1016861	1.00	cps
Strontium	86-1	401293	390907	387404	393201	1.84	cps
Strontium	88-1	3492851	3414417	3470733	3459333	1.17	cps
Sulfur	34-1	448681	440934	436218	441944	1.42	cps
Terbium	159-1	12297986	12149566	11995253	12147602	1.25	cps
Terbium	159-2	2189768	2179418	2190239	2186475	0.28	cps
Thallium	203-1	233	208	208	217	6.66	cps
Thallium	205-1	500	517	458	492	6.11	cps
Tin	118-1	1233	1125	1300	1220	7.24	cps
Titanium	47-1	15685	14166	19821	16557	17.68	cps
Uranium	238-1	6143	6202	5818	6055	3.41	cps
Vanadium	51-2	1020	1010	1143	1058	7.02	cps
Yttrium	89-1	9368505	9275570	9185281	9276452	0.99	cps
Yttrium	89-2	261816	258467	259985	260089	0.64	cps
Zinc	66-2	2740	2490	2674	2635	4.91	cps
Zirconium	90-1	3426	3384	2992	3267	7.32	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:28:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	675	792	728	8.12	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	233	125	206	34.48	cps
Antimony	121-1	17813	17771	17287	17623	1.66	cps
Arsenic	75-2	43	24	41	36	28.49	cps
Barium	135-1	76320	75976	76371	76222	0.28	cps
Barium	137-1	134495	134377	131355	133409	1.33	cps
Beryllium	9-1	83	83	111	93	17.31	cps
Bismuth	209-1	7401162	7336656	7350353	7362723	0.46	cps
Bismuth	209-2	1820012	1775736	1801845	1799198	1.24	cps
Boron	10-1	16202	15993	16468	16221	1.47	cps
Boron	11-1	76295	77777	75373	76482	1.59	cps
Cadmium	111-1	1334	1124	1291	1250	8.88	cps
Cadmium	106-1	1709	1400	1634	1581	10.17	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	1115780	1110269	1102425	1109491	0.60	cps
Calcium	44-1	18244008	18118241	18016551	18126267	0.63	cps
Chromium	52-2	4304	4361	4267	4311	1.09	cps
Cobalt	59-2	757	807	760	774	3.61	cps
Copper	63-2	8059	8183	8199	8147	0.94	cps
Dysprosium	156-1	325	308	317	317	2.63	cps
Dysprosium	156-2	60	47	63	57	15.56	cps
Erbium	164-1	450	425	492	456	7.39	cps
Erbium	164-2	77	80	73	77	4.35	cps
Gadolinium	160-1	400	333	275	336	18.61	cps
Gadolinium	160-2	117	123	107	116	7.26	cps
Holmium	165-1	11625729	11427273	11435066	11496023	0.98	cps
Holmium	165-2	2231017	2203288	2227512	2220606	0.68	cps
Indium	115-1	8754169	8661193	8704034	8706465	0.53	cps
Indium	115-2	343513	339367	341081	341320	0.61	cps
Iron	56-2	95431	92595	91914	93313	2.00	cps
Iron	57-2	2328	2256	2478	2354	4.82	cps
Lead	206-1	2767	2517	2406	2563	7.22	cps
Lead	207-1	2161	1945	2128	2078	5.62	cps
Lead	208-1	9969	9863	9963	9931	0.60	cps
Lithium	6-1	1206413	1202318	1194799	1201177	0.49	cps
Magnesium	24-2	218241	220279	218645	219055	0.49	cps
Manganese	55-2	197204	193195	192912	194437	1.23	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5768	5251	5376	5465	4.93	cps
Molybdenum	95-1	9454	8695	8870	9006	4.41	cps
Molybdenum	96-1	9654	10013	9629	9765	2.20	cps
Molybdenum	97-1	5643	5827	5568	5679	2.34	cps
Molybdenum	98-1	14150	14125	14325	14200	0.77	cps
Neodymium	150-1	393	247	400	347	25.00	cps
Neodymium	150-2	47	37	13	32	53.10	cps
Nickel	60-2	3631	3120	3400	3384	7.55	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	32605	31611	32280	32165	1.58	cps
Rhodium	103-1	7847828	7775634	7802858	7808773	0.47	cps
Rhodium	103-2	1990930	1982193	1970597	1981240	0.51	cps
Scandium	45-1	4510880	4499890	4506238	4505669	0.12	cps
Scandium	45-2	35218	34382	34743	34781	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-20	-62	-133	-72	-79.76	cps
Silicon	28-1	17342897	17402258	17879505	17541553	1.68	cps
Silver	109-1	14592	13891	13883	14122	2.88	cps
Silver	107-1	14792	15893	14851	15179	4.08	cps
Sodium	23-2	10526622	10490519	10500057	10505733	0.18	cps
Strontium	86-1	446658	443198	442206	444021	0.53	cps
Strontium	88-1	3938767	3853856	3859744	3884123	1.22	cps
Sulfur	34-1	523038	518995	513960	518664	0.88	cps
Terbium	159-1	11864284	11754607	11805256	11808049	0.46	cps
Terbium	159-2	2156289	2174605	2144311	2158402	0.71	cps
Thallium	203-1	175	142	142	153	12.60	cps
Thallium	205-1	417	458	308	394	19.63	cps
Tin	118-1	1142	1017	1108	1089	5.94	cps
Titanium	47-1	1242	1200	1075	1172	7.40	cps
Uranium	238-1	70937	71330	70978	71081	0.30	cps
Vanadium	51-2	480	520	507	502	4.06	cps
Yttrium	89-1	9160788	8962609	8995116	9039504	1.18	cps
Yttrium	89-2	257965	253639	255765	255789	0.85	cps
Zinc	66-2	5104	5438	5384	5309	3.37	cps
Zirconium	90-1	1717	1709	1784	1736	2.37	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:31:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	417	308	358	15.25	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	25	36	26.65	cps
Antimony	121-1	883	1042	858	928	10.72	cps
Arsenic	75-2	19	26	9	18	46.65	cps
Barium	135-1	44041	43899	43740	43893	0.34	cps
Barium	137-1	76563	75382	76321	76088	0.82	cps
Beryllium	9-1	28	78	83	63	48.60	cps
Bismuth	209-1	7519667	7516478	7453166	7496437	0.50	cps
Bismuth	209-2	1836817	1780947	1795180	1804315	1.61	cps
Boron	10-1	42765	43651	43467	43294	1.08	cps
Boron	11-1	199568	203331	202614	201838	0.99	cps
Cadmium	111-1	1126	1348	1214	1229	9.08	cps
Cadmium	106-1	1350	1717	1475	1514	12.31	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	1468323	1431884	1418570	1439592	1.79	cps
Calcium	44-1	23218230	23003014	23048955	23090066	0.49	cps
Chromium	52-2	2277	2177	2237	2230	2.26	cps
Cobalt	59-2	1050	993	1070	1038	3.83	cps
Copper	63-2	2377	2460	2397	2411	1.80	cps
Dysprosium	156-1	242	142	133	172	35.01	cps
Dysprosium	156-2	53	27	27	36	43.29	cps
Erbium	164-1	258	367	308	311	17.43	cps
Erbium	164-2	50	43	63	52	19.50	cps
Gadolinium	160-1	217	258	258	244	9.84	cps
Gadolinium	160-2	33	43	47	41	16.89	cps
Holmium	165-1	11473114	11566577	11467135	11502275	0.48	cps
Holmium	165-2	2216728	2214720	2233555	2221668	0.47	cps
Indium	115-1	8805236	8806133	8778507	8796625	0.18	cps
Indium	115-2	343086	338034	339448	340189	0.77	cps
Iron	56-2	131570	131170	131604	131448	0.18	cps
Iron	57-2	3195	3178	3395	3256	3.70	cps
Lead	206-1	522	572	567	554	4.95	cps
Lead	207-1	539	556	556	550	1.75	cps
Lead	208-1	2211	2345	2245	2267	3.06	cps
Lithium	6-1	1218701	1228153	1201446	1216100	1.11	cps
Magnesium	24-2	492901	484217	490801	489306	0.93	cps
Manganese	55-2	348090	340782	342776	343883	1.10	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDY20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1392	1183	1075	1217	13.23	cps
Molybdenum	95-1	1467	1367	1559	1464	6.55	cps
Molybdenum	96-1	1809	1433	1592	1611	11.69	cps
Molybdenum	97-1	1017	1000	850	956	9.61	cps
Molybdenum	98-1	2317	2192	2702	2404	11.06	cps
Neodymium	150-1	187	180	160	176	7.91	cps
Neodymium	150-2	27	7	20	18	57.27	cps
Nickel	60-2	1513	1440	1357	1437	5.46	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	22402	22878	22577	22619	1.06	cps
Rhodium	103-1	7953838	7837620	7839753	7877070	0.84	cps
Rhodium	103-2	2016085	1979071	1993882	1996346	0.93	cps
Scandium	45-1	4512562	4492524	4474320	4493135	0.43	cps
Scandium	45-2	33918	33804	34315	34012	0.79	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-164	-94	-91	-117	-35.39	cps
Silicon	28-1	34216772	33673561	33834734	33908356	0.82	cps
Silver	109-1	10313	10621	9979	10304	3.12	cps
Silver	107-1	10521	10997	9962	10493	4.93	cps
Sodium	23-2	875041	865520	865259	868607	0.64	cps
Strontium	86-1	416894	417899	417996	417597	0.15	cps
Strontium	88-1	3711482	3655744	3641928	3669718	1.00	cps
Sulfur	34-1	466053	461794	467665	465171	0.65	cps
Terbium	159-1	11873313	12021516	11885240	11926690	0.69	cps
Terbium	159-2	2180347	2134256	2125577	2146727	1.37	cps
Thallium	203-1	242	183	275	233	19.89	cps
Thallium	205-1	408	517	367	431	17.98	cps
Tin	118-1	950	792	833	858	9.56	cps
Titanium	47-1	667	475	575	572	16.76	cps
Uranium	238-1	9788	9796	9504	9696	1.71	cps
Vanadium	51-2	950	927	890	922	3.28	cps
Yttrium	89-1	9057672	9066584	8994482	9039579	0.43	cps
Yttrium	89-2	253309	253595	252809	253238	0.16	cps
Zinc	66-2	303	380	310	331	12.83	cps
Zirconium	90-1	1117	1042	917	1025	9.86	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:34:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	150	153	8.33	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	850	917	992	920	7.71	cps
Arsenic	75-2	7	13	2	7	75.00	cps
Barium	135-1	8	58	67	44	70.99	cps
Barium	137-1	167	75	142	128	37.08	cps
Beryllium	9-1	67	122	94	94	29.41	cps
Bismuth	209-1	7443830	7366775	7151766	7320790	2.07	cps
Bismuth	209-2	1804237	1808606	1755656	1789500	1.64	cps
Boron	10-1	3434	2809	2725	2989	12.95	cps
Boron	11-1	14675	14817	13315	14269	5.81	cps
Cadmium	111-1	1106	1227	1002	1112	10.13	cps
Cadmium	106-1	1550	1700	1400	1550	9.68	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	1058	783	842	895	16.20	cps
Calcium	44-1	21868	20649	21851	21456	3.26	cps
Chromium	52-2	253	247	240	247	2.70	cps
Cobalt	59-2	30	50	33	38	28.37	cps
Copper	63-2	783	760	743	762	2.64	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	25	50	44	39.04	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	11431831	11171128	11128971	11243977	1.46	cps
Holmium	165-2	2201526	2194635	2179615	2191925	0.51	cps
Indium	115-1	8828128	8727953	8707727	8754603	0.74	cps
Indium	115-2	345024	340703	338339	341355	0.99	cps
Iron	56-2	1661	1639	1628	1643	1.03	cps
Iron	57-2	39	33	39	37	8.67	cps
Lead	206-1	283	306	256	281	8.90	cps
Lead	207-1	278	256	267	267	4.17	cps
Lead	208-1	1217	1145	1061	1141	6.82	cps
Lithium	6-1	1239362	1226607	1225664	1230544	0.62	cps
Magnesium	24-2	1383	1300	1142	1275	9.63	cps
Manganese	55-2	73	60	33	56	36.66	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	183	192	206	15.35	cps
Molybdenum	95-1	67	158	67	97	54.44	cps
Molybdenum	96-1	92	92	108	97	9.90	cps
Molybdenum	97-1	108	92	33	78	50.64	cps
Molybdenum	98-1	158	92	100	117	31.13	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	250	267	297	271	8.72	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2092	2092	2284	2156	5.13	cps
Rhodium	103-1	8006997	7934247	7918240	7953161	0.59	cps
Rhodium	103-2	2030563	2002813	2018939	2017439	0.69	cps
Scandium	45-1	4495047	4468644	4413913	4459201	0.93	cps
Scandium	45-2	34616	34098	34512	34409	0.80	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-51	-154	-100	-101	-50.80	cps
Silicon	28-1	274736	277186	276356	276092	0.45	cps
Silver	109-1	10046	10304	10154	10168	1.28	cps
Silver	107-1	10446	10980	10121	10516	4.12	cps
Sodium	23-2	32004	31152	32087	31748	1.63	cps
Strontium	86-1	675	700	517	631	15.77	cps
Strontium	88-1	1525	1250	1392	1389	9.90	cps
Sulfur	34-1	328400	325349	325629	326460	0.52	cps
Terbium	159-1	11774500	11777789	11676382	11742890	0.49	cps
Terbium	159-2	2106075	2104405	2137794	2116091	0.89	cps
Thallium	203-1	92	125	67	94	30.99	cps
Thallium	205-1	342	333	142	272	41.56	cps
Tin	118-1	833	783	825	814	3.29	cps
Titanium	47-1	167	267	250	228	23.52	cps
Uranium	238-1	142	108	100	117	18.89	cps
Vanadium	51-2	47	40	53	47	14.28	cps
Yttrium	89-1	9087612	8940664	8850452	8959576	1.34	cps
Yttrium	89-2	252431	251470	252994	252298	0.31	cps
Zinc	66-2	83	57	60	67	21.80	cps
Zirconium	90-1	667	508	367	514	29.20	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:38:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	133	117	14.28	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1158	1200	1170	2.29	cps
Antimony	121-1	1450	1433	1317	1400	5.19	cps
Arsenic	75-2	59	57	48	55	10.83	cps
Barium	135-1	86625	84913	86155	85897	1.03	cps
Barium	137-1	152126	147565	149985	149892	1.52	cps
Beryllium	9-1	122	78	94	98	22.88	cps
Bismuth	209-1	7223787	7081402	7060654	7121948	1.25	cps
Bismuth	209-2	1722437	1654794	1663614	1680282	2.19	cps
Boron	10-1	151955	157302	158398	155885	2.21	cps
Boron	11-1	729024	739255	754173	740817	1.71	cps
Cadmium	111-1	1323	1538	1383	1415	7.82	cps
Cadmium	106-1	1325	1567	1492	1461	8.47	cps
Cadmium	108-1	42	25	58	42	40.00	cps
Calcium	43-1	2076346	2031177	2037737	2048420	1.19	cps
Calcium	44-1	33421488	33092309	32755815	33089871	1.01	cps
Chromium	52-2	2827	2960	2840	2876	2.55	cps
Cobalt	59-2	3034	2927	2870	2944	2.82	cps
Copper	63-2	7305	7132	7072	7170	1.69	cps
Dysprosium	156-1	1142	1383	1200	1242	10.16	cps
Dysprosium	156-2	213	250	240	234	8.09	cps
Erbium	164-1	1167	1133	1075	1125	4.13	cps
Erbium	164-2	193	230	227	217	9.36	cps
Gadolinium	160-1	975	1017	958	983	3.06	cps
Gadolinium	160-2	240	307	327	291	15.59	cps
Holmium	165-1	11156056	11139661	11048658	11114791	0.52	cps
Holmium	165-2	2157670	2158470	2145945	2154029	0.33	cps
Indium	115-1	8533884	8455381	8379910	8456391	0.91	cps
Indium	115-2	324484	327166	323153	324934	0.63	cps
Iron	56-2	453550	451734	456404	453896	0.52	cps
Iron	57-2	11038	11633	10704	11125	4.23	cps
Lead	206-1	9376	9131	9443	9317	1.76	cps
Lead	207-1	7641	7708	7564	7638	0.95	cps
Lead	208-1	36143	35871	35581	35865	0.78	cps
Lithium	6-1	1204978	1193171	1172446	1190199	1.38	cps
Magnesium	24-2	1028781	1026757	1012733	1022757	0.85	cps
Manganese	55-2	1453834	1448716	1433289	1445279	0.74	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6485	7036	6894	6805	4.20	cps
Molybdenum	95-1	9796	9412	9762	9657	2.20	cps
Molybdenum	96-1	9904	10004	9671	9860	1.74	cps
Molybdenum	97-1	6761	5793	6077	6210	8.01	cps
Molybdenum	98-1	15418	15643	14742	15268	3.07	cps
Neodymium	150-1	1794	1894	1854	1847	2.73	cps
Neodymium	150-2	203	197	183	194	5.24	cps
Nickel	60-2	3234	3320	3194	3249	1.99	cps
Phosphorus	31-2	8	0	50	19	137.78	cps
Potassium	39-2	25006	25232	25098	25112	0.45	cps
Rhodium	103-1	7506779	7590344	7439951	7512358	1.00	cps
Rhodium	103-2	1898234	1916332	1881693	1898753	0.91	cps
Scandium	45-1	4361671	4327625	4275391	4321562	1.01	cps
Scandium	45-2	33116	32872	33353	33114	0.73	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-105	-1	-77	-61	-88.38	cps
Silicon	28-1	41008071	41001463	40559100	40856211	0.63	cps
Silver	109-1	10296	10213	10330	10279	0.59	cps
Silver	107-1	11088	11255	11122	11155	0.79	cps
Sodium	23-2	3119595	3099922	3057391	3092302	1.03	cps
Strontium	86-1	617690	611114	611248	613351	0.61	cps
Strontium	88-1	5338583	5345815	5270423	5318273	0.78	cps
Sulfur	34-1	522744	513037	516463	517415	0.95	cps
Terbium	159-1	11764917	11410081	11399619	11524872	1.80	cps
Terbium	159-2	2085987	2082391	2066762	2078380	0.49	cps
Thallium	203-1	183	233	192	203	13.21	cps
Thallium	205-1	433	550	433	472	14.26	cps
Tin	118-1	1392	1100	1350	1281	12.32	cps
Titanium	47-1	8888	8011	8203	8367	5.51	cps
Uranium	238-1	48203	48061	47325	47863	0.98	cps
Vanadium	51-2	1157	1280	1187	1208	5.33	cps
Yttrium	89-1	8830655	8707799	8661478	8733311	1.00	cps
Yttrium	89-2	246403	245172	243160	244912	0.67	cps
Zinc	66-2	813	763	890	822	7.76	cps
Zirconium	90-1	2850	3276	3159	3095	7.10	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 16:41:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	858	675	825	16.54	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	50	64	27.15	cps
Antimony	121-1	258	183	192	211	19.47	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	1375	1233	1117	1242	10.42	cps
Barium	137-1	1992	2184	2284	2153	6.89	cps
Beryllium	9-1	89	56	72	72	23.07	cps
Bismuth	209-1	6396606	5824539	6081520	6100888	4.70	cps
Bismuth	209-2	1532399	1541984	1554080	1542821	0.70	cps
Boron	10-1	8186	7527	7077	7597	7.34	cps
Boron	11-1	39271	36598	35420	37096	5.32	cps
Cadmium	111-1	879	837	883	866	2.94	cps
Cadmium	106-1	1258	1158	1250	1222	4.54	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	62582	61469	61838	61963	0.92	cps
Calcium	44-1	1015274	1015708	1025184	1018722	0.55	cps
Chromium	52-2	357	337	333	342	3.69	cps
Cobalt	59-2	233	307	207	249	20.81	cps
Copper	63-2	593	650	607	617	4.80	cps
Dysprosium	156-1	17	50	33	33	49.99	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	17	13	3	11	62.48	cps
Holmium	165-1	9863221	8949549	9299265	9370679	4.92	cps
Holmium	165-2	1923435	1927043	1938290	1929589	0.40	cps
Indium	115-1	7606167	6913377	7159485	7226343	4.86	cps
Indium	115-2	301014	302503	305301	302939	0.72	cps
Iron	56-2	7664	7313	7558	7512	2.39	cps
Iron	57-2	228	183	128	180	27.89	cps
Lead	206-1	317	300	300	306	3.15	cps
Lead	207-1	278	206	217	233	16.67	cps
Lead	208-1	1233	1072	1178	1161	7.05	cps
Lithium	6-1	1038328	972229	1015604	1008720	3.33	cps
Magnesium	24-2	37091	38194	38478	37921	1.93	cps
Manganese	55-2	25320	25066	25296	25227	0.56	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	342	467	378	20.50	cps
Molybdenum	95-1	375	317	283	325	14.28	cps
Molybdenum	96-1	333	383	358	358	6.98	cps
Molybdenum	97-1	158	200	267	208	26.23	cps
Molybdenum	98-1	408	442	467	439	6.67	cps
Neodymium	150-1	47	27	53	42	32.87	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	273	323	230	276	16.95	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3126	2817	2859	2934	5.70	cps
Rhodium	103-1	6926302	6197802	6546277	6556794	5.56	cps
Rhodium	103-2	1777780	1772911	1800041	1783577	0.81	cps
Scandium	45-1	3835811	3529556	3672081	3679149	4.17	cps
Scandium	45-2	30283	30557	30871	30570	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-63	-127	-103	-98	-32.97	cps
Silicon	28-1	1893597	1919722	1940893	1918071	1.24	cps
Silver	109-1	575	2451	1034	1353	72.28	cps
Silver	107-1	500	2335	1601	1479	62.47	cps
Sodium	23-2	78048	76850	75299	76732	1.80	cps
Strontium	86-1	12414	13132	13532	13026	4.35	cps
Strontium	88-1	112915	112772	110470	112052	1.22	cps
Sulfur	34-1	340837	336641	340625	339368	0.70	cps
Terbium	159-1	10025994	9298120	9672958	9665691	3.77	cps
Terbium	159-2	1859589	1887480	1877229	1874766	0.75	cps
Thallium	203-1	100	83	167	117	37.80	cps
Thallium	205-1	350	250	283	294	17.29	cps
Tin	118-1	1600	1475	1467	1514	4.93	cps
Titanium	47-1	450	358	250	353	28.38	cps
Uranium	238-1	1133	1425	1475	1345	13.73	cps
Vanadium	51-2	150	133	120	134	11.18	cps
Yttrium	89-1	7712666	7072851	7340683	7375400	4.36	cps
Yttrium	89-2	223712	222404	223976	223364	0.38	cps
Zinc	66-2	73	53	100	76	30.99	cps
Zirconium	90-1	550	542	533	542	1.54	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:44:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	92	150	125	24.04	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	92	83	97	17.84	cps
Antimony	121-1	133	150	167	150	11.11	cps
Arsenic	75-2	4	7	9	7	41.70	cps
Barium	135-1	2759	2742	2967	2823	4.44	cps
Barium	137-1	5135	4910	4751	4932	3.91	cps
Beryllium	9-1	106	78	39	74	45.21	cps
Bismuth	209-1	6534769	6613946	6454954	6534556	1.22	cps
Bismuth	209-2	1618138	1615348	1611751	1615079	0.20	cps
Boron	10-1	11347	11272	11146	11255	0.90	cps
Boron	11-1	55710	54773	54630	55037	1.07	cps
Cadmium	111-1	919	951	1037	969	6.28	cps
Cadmium	106-1	1292	1317	1400	1336	4.25	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	81235	82300	82031	81855	0.68	cps
Calcium	44-1	1355667	1371863	1349499	1359010	0.85	cps
Chromium	52-2	403	320	277	333	19.31	cps
Cobalt	59-2	113	117	190	140	30.95	cps
Copper	63-2	847	827	870	848	2.56	cps
Dysprosium	156-1	83	58	67	69	18.33	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	92	125	108	108	15.39	cps
Erbium	164-2	23	13	7	14	58.06	cps
Gadolinium	160-1	125	142	158	142	11.76	cps
Gadolinium	160-2	23	23	33	27	21.65	cps
Holmium	165-1	9877813	9880775	9892973	9883854	0.08	cps
Holmium	165-2	2031300	2045262	2019415	2031993	0.64	cps
Indium	115-1	7747354	7630090	7661120	7679521	0.79	cps
Indium	115-2	314020	317062	316900	315994	0.54	cps
Iron	56-2	13184	14331	13891	13802	4.19	cps
Iron	57-2	372	311	361	348	9.35	cps
Lead	206-1	489	567	567	541	8.30	cps
Lead	207-1	506	489	472	489	3.41	cps
Lead	208-1	2139	2272	2272	2228	3.46	cps
Lithium	6-1	1065969	1069155	1086276	1073800	1.02	cps
Magnesium	24-2	48960	49404	49696	49353	0.75	cps
Manganese	55-2	54402	55252	54302	54652	0.96	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	392	367	389	5.39	cps
Molybdenum	95-1	292	275	208	258	17.07	cps
Molybdenum	96-1	258	342	317	306	14.00	cps
Molybdenum	97-1	142	200	217	186	21.16	cps
Molybdenum	98-1	442	483	408	444	8.46	cps
Neodymium	150-1	107	53	133	98	41.66	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	250	297	277	274	8.53	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3542	3684	3284	3503	5.79	cps
Rhodium	103-1	6939373	6979410	6989658	6969480	0.38	cps
Rhodium	103-2	1850729	1841600	1859264	1850531	0.48	cps
Scandium	45-1	3957516	3902474	3961022	3940337	0.83	cps
Scandium	45-2	32301	32100	32210	32204	0.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	57	-48	-93	-28	-272.17	cps
Silicon	28-1	2216189	2225168	2263492	2234950	1.12	cps
Silver	109-1	467	450	433	450	3.70	cps
Silver	107-1	525	475	567	522	8.79	cps
Sodium	23-2	138400	137811	137524	137912	0.32	cps
Strontium	86-1	20491	20858	20900	20750	1.08	cps
Strontium	88-1	171794	173020	173720	172844	0.56	cps
Sulfur	34-1	350927	350067	351002	350666	0.15	cps
Terbium	159-1	10316594	10242612	10196890	10252032	0.59	cps
Terbium	159-2	1950606	1944722	1909487	1934939	1.15	cps
Thallium	203-1	133	100	67	100	33.33	cps
Thallium	205-1	292	292	283	289	1.66	cps
Tin	118-1	1825	1475	1475	1592	12.70	cps
Titanium	47-1	550	558	358	489	23.14	cps
Uranium	238-1	1425	1450	1367	1414	3.02	cps
Vanadium	51-2	203	157	170	177	13.61	cps
Yttrium	89-1	7880797	7806498	7837415	7841570	0.48	cps
Yttrium	89-2	231838	235549	233719	233702	0.79	cps
Zinc	66-2	63	33	53	50	30.55	cps
Zirconium	90-1	542	575	692	603	13.07	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:47:30	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	150	117	139	13.86	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	392	375	356	13.73	cps
Antimony	121-1	158	167	183	169	7.51	cps
Arsenic	75-2	6	11	6	7	43.24	cps
Barium	135-1	5401	5576	5718	5565	2.85	cps
Barium	137-1	9954	9912	9771	9879	0.97	cps
Beryllium	9-1	111	94	94	100	9.62	cps
Bismuth	209-1	6712399	6729900	6668862	6703720	0.47	cps
Bismuth	209-2	1630305	1672074	1635454	1645945	1.38	cps
Boron	10-1	7444	7552	7552	7516	0.83	cps
Boron	11-1	34718	35570	35128	35139	1.21	cps
Cadmium	111-1	1054	1065	898	1006	9.27	cps
Cadmium	106-1	1467	1458	1250	1392	8.82	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	105277	105192	105184	105217	0.05	cps
Calcium	44-1	1783519	1787717	1798041	1789759	0.42	cps
Chromium	52-2	573	540	553	556	3.02	cps
Cobalt	59-2	433	397	473	434	8.83	cps
Copper	63-2	1050	1010	1070	1043	2.93	cps
Dysprosium	156-1	283	367	275	308	16.44	cps
Dysprosium	156-2	53	53	70	59	16.34	cps
Erbium	164-1	275	350	275	300	14.43	cps
Erbium	164-2	67	53	67	62	12.38	cps
Gadolinium	160-1	233	225	217	225	3.70	cps
Gadolinium	160-2	63	77	50	63	21.06	cps
Holmium	165-1	10146582	10108250	10151599	10135477	0.23	cps
Holmium	165-2	2028930	2045122	2064452	2046168	0.87	cps
Indium	115-1	7987796	7955105	7935076	7959326	0.33	cps
Indium	115-2	322582	316141	320767	319830	1.04	cps
Iron	56-2	73108	73304	72734	73049	0.40	cps
Iron	57-2	1889	1839	1739	1822	4.19	cps
Lead	206-1	995	895	761	883	13.25	cps
Lead	207-1	694	817	783	765	8.26	cps
Lead	208-1	3550	3523	3417	3497	2.01	cps
Lithium	6-1	1105589	1116687	1113481	1111919	0.51	cps
Magnesium	24-2	51812	51193	51243	51416	0.67	cps
Manganese	55-2	29632	29568	30370	29857	1.49	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	900	750	772	15.31	cps
Molybdenum	95-1	717	867	783	789	9.53	cps
Molybdenum	96-1	925	683	750	786	15.88	cps
Molybdenum	97-1	600	467	508	525	12.99	cps
Molybdenum	98-1	1300	1167	967	1145	14.66	cps
Neodymium	150-1	360	300	273	311	14.27	cps
Neodymium	150-2	50	53	33	46	23.52	cps
Nickel	60-2	363	423	357	381	9.63	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	3601	3717	4067	3795	6.40	cps
Rhodium	103-1	7180119	7146880	7144686	7157229	0.28	cps
Rhodium	103-2	1873506	1876548	1853392	1867816	0.67	cps
Scandium	45-1	4062765	4069214	4071964	4067981	0.12	cps
Scandium	45-2	32732	32565	32705	32667	0.27	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-112	-75	-8	-65	-81.32	cps
Silicon	28-1	2120282	2164725	2149582	2144863	1.05	cps
Silver	109-1	508	342	367	406	22.16	cps
Silver	107-1	433	492	542	489	11.09	cps
Sodium	23-2	162248	159130	159433	160271	1.07	cps
Strontium	86-1	33701	33734	34161	33865	0.76	cps
Strontium	88-1	290740	291576	290125	290814	0.25	cps
Sulfur	34-1	374888	374514	370596	373333	0.64	cps
Terbium	159-1	10581940	10622876	10447455	10550757	0.87	cps
Terbium	159-2	1964514	1989375	1988995	1980961	0.72	cps
Thallium	203-1	100	183	125	136	31.41	cps
Thallium	205-1	375	325	333	344	7.78	cps
Tin	118-1	1975	1584	1517	1692	14.64	cps
Titanium	47-1	1558	1559	1950	1689	13.39	cps
Uranium	238-1	1959	1925	1692	1859	7.82	cps
Vanadium	51-2	173	207	197	192	8.90	cps
Yttrium	89-1	8151607	8140185	8104427	8132073	0.30	cps
Yttrium	89-2	237728	236718	236909	237118	0.23	cps
Zinc	66-2	100	87	90	92	7.52	cps
Zirconium	90-1	983	1008	908	967	5.38	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 16:50:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	267	142	206	30.43	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3710	3468	3768	3648	4.36	cps
Antimony	121-1	583	583	683	617	9.36	cps
Arsenic	75-2	31	28	15	25	35.46	cps
Barium	135-1	30395	29761	28266	29474	3.71	cps
Barium	137-1	48939	47396	49341	48558	2.11	cps
Beryllium	9-1	144	128	161	144	11.54	cps
Bismuth	209-1	7148727	6336658	7104389	6863258	6.65	cps
Bismuth	209-2	1764792	1777100	1739193	1760362	1.10	cps
Boron	10-1	5818	5860	5751	5810	0.94	cps
Boron	11-1	27469	27410	28120	27666	1.42	cps
Cadmium	111-1	1002	859	1136	999	13.87	cps
Cadmium	106-1	1408	1192	1567	1389	13.56	cps
Cadmium	108-1	25	42	21	29	37.81	cps
Calcium	43-1	497396	499157	489667	495407	1.02	cps
Calcium	44-1	8162674	8153999	8088301	8134991	0.50	cps
Chromium	52-2	4601	4357	4564	4507	2.91	cps
Cobalt	59-2	777	683	717	726	6.52	cps
Copper	63-2	2920	2870	2997	2929	2.18	cps
Dysprosium	156-1	1584	1450	1308	1447	9.50	cps
Dysprosium	156-2	197	423	237	286	42.39	cps
Erbium	164-1	1175	1183	1333	1231	7.24	cps
Erbium	164-2	203	347	203	251	32.97	cps
Gadolinium	160-1	1300	1367	1392	1353	3.50	cps
Gadolinium	160-2	313	303	303	307	1.88	cps
Holmium	165-1	10922831	9625067	10887932	10478610	7.06	cps
Holmium	165-2	2141918	2166044	2127437	2145133	0.91	cps
Indium	115-1	8440697	7555597	8445121	8147138	6.29	cps
Indium	115-2	338246	329152	331225	332874	1.43	cps
Iron	56-2	325993	293305	300207	306502	5.62	cps
Iron	57-2	7637	7308	7798	7581	3.30	cps
Lead	206-1	6369	6207	7078	6551	7.07	cps
Lead	207-1	5151	5268	5596	5338	4.32	cps
Lead	208-1	24705	24499	25737	24980	2.65	cps
Lithium	6-1	1169202	1041764	1168941	1126636	6.52	cps
Magnesium	24-2	181595	178236	177341	179057	1.25	cps
Manganese	55-2	27437	26919	26929	27095	1.09	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4594	5347	4380	4774	10.64	cps
Molybdenum	95-1	2084	2025	2209	2106	4.45	cps
Molybdenum	96-1	3018	2626	2809	2818	6.97	cps
Molybdenum	97-1	1333	1442	1225	1333	8.13	cps
Molybdenum	98-1	3567	3442	3117	3376	6.88	cps
Neodymium	150-1	1827	2027	1860	1905	5.63	cps
Neodymium	150-2	263	250	247	253	3.48	cps
Nickel	60-2	2310	2017	2267	2198	7.21	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	12531	12815	12573	12640	1.21	cps
Rhodium	103-1	7662394	6822136	7563687	7349406	6.25	cps
Rhodium	103-2	1947471	1912358	1924916	1928248	0.92	cps
Scandium	45-1	4370491	3817876	4286617	4158328	7.16	cps
Scandium	45-2	33420	32464	33807	33231	2.08	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	10	-45	-75	-37	-117.72	cps
Silicon	28-1	13651275	17701726	13088697	14813899	16.99	cps
Silver	109-1	3717	6131	3659	4502	31.33	cps
Silver	107-1	4134	6871	3917	4974	33.10	cps
Sodium	23-2	485672	489278	487064	487338	0.37	cps
Strontium	86-1	188289	188891	185163	187448	1.07	cps
Strontium	88-1	1658050	1674891	1633634	1655525	1.25	cps
Sulfur	34-1	402835	394804	395304	397648	1.13	cps
Terbium	159-1	11350153	10046690	11183771	10860204	6.53	cps
Terbium	159-2	2080406	2060293	2091253	2077317	0.76	cps
Thallium	203-1	200	200	183	194	4.95	cps
Thallium	205-1	517	492	425	478	9.92	cps
Tin	118-1	1450	1717	1492	1553	9.24	cps
Titanium	47-1	36567	18598	47910	34358	43.02	cps
Uranium	238-1	3701	3409	3259	3456	6.50	cps
Vanadium	51-2	757	843	893	831	8.32	cps
Yttrium	89-1	8590762	7771921	8591514	8318066	5.69	cps
Yttrium	89-2	249211	246315	245256	246927	0.83	cps
Zinc	66-2	1233	1163	1220	1206	3.08	cps
Zirconium	90-1	5978	9012	6481	7157	22.72	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-15 16:53:45	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1534	1208	1058	1267	19.18	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236148	237050	237218	236805	0.24	cps
Antimony	121-1	3960033	3930599	3938913	3943182	0.38	cps
Arsenic	75-2	40073	39841	40292	40068	0.56	cps
Barium	135-1	4256374	4246746	4240282	4247801	0.19	cps
Barium	137-1	7362544	7311127	7340231	7337967	0.35	cps
Beryllium	9-1	406804	405884	406660	406449	0.12	cps
Bismuth	209-1	6290847	6207564	6229310	6242573	0.69	cps
Bismuth	209-2	1509919	1500686	1503454	1504687	0.31	cps
Boron	10-1	47430	47973	49779	48394	2.54	cps
Boron	11-1	223228	229785	233893	228969	2.35	cps
Cadmium	111-1	785450	790179	791360	788996	0.40	cps
Cadmium	106-1	82100	82736	83717	82851	0.98	cps
Cadmium	108-1	57522	55401	56845	56589	1.91	cps
Calcium	43-1	3719259	3748174	3744566	3737333	0.42	cps
Calcium	44-1	60846503	60650718	61236664	60911295	0.49	cps
Chromium	52-2	319149	318465	320540	319385	0.33	cps
Cobalt	59-2	672510	672384	674798	673231	0.20	cps
Copper	63-2	1149063	1153537	1156571	1153057	0.33	cps
Dysprosium	156-1	75	42	125	81	52.07	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	25	100	33	53	77.89	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	83	25	58	56	52.68	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	9994349	9918516	10016482	9976449	0.51	cps
Holmium	165-2	1987596	1988664	1971673	1982644	0.48	cps
Indium	115-1	7452477	7517417	7491969	7487288	0.44	cps
Indium	115-2	299769	302440	299369	300526	0.56	cps
Iron	56-2	52523522	52539382	52707522	52590142	0.19	cps
Iron	57-2	1311249	1322686	1330074	1321336	0.72	cps
Lead	206-1	2604199	2583572	2552949	2580240	1.00	cps
Lead	207-1	2404318	2361544	2363131	2376331	1.02	cps
Lead	208-1	10647256	10565454	10546877	10586529	0.50	cps
Lithium	6-1	1038628	1047794	1055065	1047162	0.79	cps
Magnesium	24-2	5563721	5535831	5561409	5553654	0.28	cps
Manganese	55-2	181226	182143	182215	181861	0.30	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6398464	6370014	6377008	6381829	0.23	cps
Molybdenum	95-1	7943067	8000098	7947645	7963603	0.40	cps
Molybdenum	96-1	8856387	8878713	8814388	8849830	0.37	cps
Molybdenum	97-1	5024109	5006909	4990080	5007033	0.34	cps
Molybdenum	98-1	12896510	12883782	12765213	12848502	0.56	cps
Neodymium	150-1	187	213	260	220	16.87	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	194886	195877	196806	195856	0.49	cps
Phosphorus	31-2	3567	3517	3242	3442	5.09	cps
Potassium	39-2	1619025	1636031	1656103	1637053	1.13	cps
Rhodium	103-1	6730424	6707063	6678531	6705339	0.39	cps
Rhodium	103-2	1709749	1735306	1691765	1712273	1.28	cps
Scandium	45-1	3965731	3998398	4006622	3990250	0.54	cps
Scandium	45-2	32301	32625	32772	32566	0.74	cps
Selenium	77-2	300	177	223	233	26.69	cps
Selenium	78-2	926	850	900	892	4.33	cps
Selenium	82-1	48374	48314	48623	48437	0.34	cps
Silicon	28-1	1580924	1569684	1586695	1579101	0.55	cps
Silver	109-1	3733962	3728865	3739380	3734069	0.14	cps
Silver	107-1	3902160	3856471	3837265	3865298	0.86	cps
Sodium	23-2	13002657	12950014	13063733	13005468	0.44	cps
Strontium	86-1	1032889	1040405	1044343	1039212	0.56	cps
Strontium	88-1	9019115	8938875	8946274	8968088	0.49	cps
Sulfur	34-1	539113	539909	535546	538189	0.43	cps
Terbium	159-1	10220787	10295659	10293467	10269971	0.41	cps
Terbium	159-2	1903295	1908797	1895136	1902409	0.36	cps
Thallium	203-1	3157821	3182524	3178231	3172859	0.42	cps
Thallium	205-1	7480766	7498953	7501029	7493583	0.15	cps
Tin	118-1	2709294	2690553	2703298	2701049	0.35	cps
Titanium	47-1	1896856	1924795	1934038	1918563	1.01	cps
Uranium	238-1	10448265	10312880	10323653	10361599	0.73	cps
Vanadium	51-2	242486	241593	242512	242197	0.22	cps
Yttrium	89-1	7960261	7829468	7956483	7915404	0.94	cps
Yttrium	89-2	233218	230904	230453	231525	0.64	cps
Zinc	66-2	101766	101202	102874	101948	0.83	cps
Zirconium	90-1	5484008	5483150	5381724	5449627	1.08	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:01:35	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1207319	1206519	1193024	1202287	0.67	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	0	6	173.21	cps
Antimony	121-1	1534	1584	1950	1689	13.47	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	83	92	75	83	10.00	cps
Barium	137-1	83	117	83	94	20.37	cps
Beryllium	9-1	372	322	317	337	9.08	cps
Bismuth	209-1	6376658	6293503	6271687	6313949	0.88	cps
Bismuth	209-2	1574311	1575057	1578129	1575832	0.13	cps
Boron	10-1	2775	2825	2550	2717	5.39	cps
Boron	11-1	12648	11922	11847	12139	3.64	cps
Cadmium	111-1	962	1105	862	976	12.53	cps
Cadmium	106-1	1325	1534	1208	1356	12.15	cps
Cadmium	108-1	4	8	25	13	88.19	cps
Calcium	43-1	800	750	817	789	4.40	cps
Calcium	44-1	14842	14550	15718	15036	4.04	cps
Chromium	52-2	290	317	300	302	4.46	cps
Cobalt	59-2	40	80	33	51	49.39	cps
Copper	63-2	323	347	337	336	3.49	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	9687510	9657180	9571969	9638887	0.62	cps
Holmium	165-2	1974671	1960864	1975384	1970306	0.42	cps
Indium	115-1	7651388	7643089	7527346	7607274	0.91	cps
Indium	115-2	316337	313274	313546	314386	0.54	cps
Iron	56-2	2595	2745	2456	2598	5.56	cps
Iron	57-2	50	94	61	69	33.76	cps
Lead	206-1	594	456	511	520	13.43	cps
Lead	207-1	483	461	422	456	6.79	cps
Lead	208-1	2239	2022	1917	2059	7.98	cps
Lithium	6-1	1060305	1062284	1042202	1054930	1.05	cps
Magnesium	24-2	833	692	683	736	11.45	cps
Manganese	55-2	57	20	33	37	50.62	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	575	500	528	7.79	cps
Molybdenum	95-1	633	550	533	572	9.36	cps
Molybdenum	96-1	683	733	567	661	12.94	cps
Molybdenum	97-1	317	450	417	394	17.59	cps
Molybdenum	98-1	892	833	1000	908	9.31	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	173	153	161	6.65	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2709	2517	2550	2592	3.95	cps
Rhodium	103-1	6916383	6953485	6917506	6929125	0.30	cps
Rhodium	103-2	1827388	1809287	1818692	1818456	0.50	cps
Scandium	45-1	3953631	3915448	3967732	3945604	0.69	cps
Scandium	45-2	31943	33156	31552	32217	2.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	4	-101	-59	-52	-101.24	cps
Silicon	28-1	319341	317873	318466	318560	0.23	cps
Silver	109-1	4726	4451	4092	4423	7.18	cps
Silver	107-1	5260	4709	4243	4737	10.75	cps
Sodium	23-2	31327	31336	29414	30692	3.61	cps
Strontium	86-1	583	717	717	672	11.45	cps
Strontium	88-1	567	683	1108	786	36.27	cps
Sulfur	34-1	327464	328077	323996	326512	0.67	cps
Terbium	159-1	10055448	10031615	9966456	10017840	0.46	cps
Terbium	159-2	1892161	1908792	1899875	1900276	0.44	cps
Thallium	203-1	633	550	667	617	9.75	cps
Thallium	205-1	1567	1483	1333	1461	8.09	cps
Tin	118-1	1817	1709	1809	1778	3.39	cps
Titanium	47-1	133	125	108	122	10.41	cps
Uranium	238-1	225	217	200	214	5.95	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	7827653	7877518	7850301	7851824	0.32	cps
Yttrium	89-2	234004	233383	235436	234274	0.45	cps
Zinc	66-2	33	27	13	24	41.66	cps
Zirconium	90-1	967	675	858	833	17.69	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:04:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	175	169	5.68	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	117	108	97	27.55	cps
Antimony	121-1	583	683	717	661	10.50	cps
Arsenic	75-2	13	0	11	8	87.37	cps
Barium	135-1	3826	3617	3609	3684	3.33	cps
Barium	137-1	7111	6769	6502	6794	4.49	cps
Beryllium	9-1	267	239	222	243	9.26	cps
Bismuth	209-1	6351143	6320038	6358786	6343322	0.32	cps
Bismuth	209-2	1579485	1597295	1595115	1590631	0.61	cps
Boron	10-1	8561	8895	9162	8873	3.39	cps
Boron	11-1	40792	42623	43074	42163	2.87	cps
Cadmium	111-1	823	906	951	893	7.28	cps
Cadmium	106-1	1125	1267	1292	1228	7.32	cps
Cadmium	108-1	21	21	4	15	62.96	cps
Calcium	43-1	90835	89878	90165	90293	0.54	cps
Calcium	44-1	1517632	1495954	1506484	1506690	0.72	cps
Chromium	52-2	400	423	403	409	3.09	cps
Cobalt	59-2	160	193	177	177	9.44	cps
Copper	63-2	697	650	683	677	3.55	cps
Dysprosium	156-1	92	42	67	67	37.50	cps
Dysprosium	156-2	7	27	23	19	56.72	cps
Erbium	164-1	142	117	67	108	35.25	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	92	100	67	86	20.14	cps
Gadolinium	160-2	37	20	23	27	33.08	cps
Holmium	165-1	9707687	9824289	9715928	9749301	0.67	cps
Holmium	165-2	2015038	2015170	2002409	2010872	0.36	cps
Indium	115-1	7684571	7700328	7642169	7675689	0.39	cps
Indium	115-2	314510	317985	321808	318101	1.15	cps
Iron	56-2	24161	23442	23670	23758	1.55	cps
Iron	57-2	633	600	550	594	7.06	cps
Lead	206-1	1033	933	961	976	5.29	cps
Lead	207-1	822	756	811	796	4.49	cps
Lead	208-1	3817	3573	3767	3719	3.47	cps
Lithium	6-1	1074391	1091905	1075183	1080493	0.92	cps
Magnesium	24-2	49554	49044	48659	49086	0.91	cps
Manganese	55-2	66296	65580	66688	66188	0.85	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	658	608	597	11.28	cps
Molybdenum	95-1	800	767	742	770	3.80	cps
Molybdenum	96-1	717	708	617	681	8.15	cps
Molybdenum	97-1	408	342	400	383	9.48	cps
Molybdenum	98-1	850	983	1225	1020	18.65	cps
Neodymium	150-1	93	93	73	87	13.32	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	293	330	377	333	12.53	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3451	3276	3542	3423	3.96	cps
Rhodium	103-1	6958974	6958676	7011351	6976334	0.43	cps
Rhodium	103-2	1811168	1835079	1853620	1833289	1.16	cps
Scandium	45-1	3989393	3990141	3989695	3989743	0.01	cps
Scandium	45-2	32568	32985	33914	33156	2.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	40	8	-76	-10	-624.67	cps
Silicon	28-1	2168944	2183411	2188828	2180394	0.47	cps
Silver	109-1	767	750	1075	864	21.19	cps
Silver	107-1	833	917	958	903	7.05	cps
Sodium	23-2	170653	170056	167439	169383	1.01	cps
Strontium	86-1	26577	27671	26410	26886	2.55	cps
Strontium	88-1	229381	229565	230079	229675	0.16	cps
Sulfur	34-1	337056	336581	339487	337708	0.46	cps
Terbium	159-1	10079291	10150701	10161488	10130493	0.44	cps
Terbium	159-2	1930371	1918401	1922730	1923834	0.32	cps
Thallium	203-1	317	283	433	344	22.87	cps
Thallium	205-1	750	825	975	850	13.48	cps
Tin	118-1	1659	1642	1900	1734	8.34	cps
Titanium	47-1	450	492	450	464	5.19	cps
Uranium	238-1	2084	2042	2059	2061	1.02	cps
Vanadium	51-2	53	67	40	53	25.00	cps
Yttrium	89-1	7948146	7856607	7951163	7918639	0.68	cps
Yttrium	89-2	234495	237194	236814	236167	0.62	cps
Zinc	66-2	310	360	370	347	9.27	cps
Zirconium	90-1	600	758	775	711	13.58	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-15 17:07:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	192	178	9.76	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247786	249760	249441	248995	0.43	cps
Antimony	121-1	3948350	3959057	3967308	3958238	0.24	cps
Arsenic	75-2	41715	42391	42019	42041	0.81	cps
Barium	135-1	4249048	4257762	4287686	4264832	0.48	cps
Barium	137-1	7269763	7411195	7378722	7353227	1.01	cps
Beryllium	9-1	418970	418279	420898	419382	0.32	cps
Bismuth	209-1	6177340	6134858	6086426	6132875	0.74	cps
Bismuth	209-2	1531695	1546536	1533568	1537266	0.53	cps
Boron	10-1	48132	48918	50992	49347	2.99	cps
Boron	11-1	229705	233275	236906	233295	1.54	cps
Cadmium	111-1	798482	797881	800544	798969	0.17	cps
Cadmium	106-1	84214	84137	83374	83908	0.55	cps
Cadmium	108-1	56794	56840	56823	56819	0.04	cps
Calcium	43-1	3832327	3835045	3813654	3827009	0.30	cps
Calcium	44-1	61953481	62247491	62273699	62158224	0.29	cps
Chromium	52-2	333973	333770	334778	334174	0.16	cps
Cobalt	59-2	698911	706440	704573	703308	0.56	cps
Copper	63-2	1193379	1198947	1203618	1198648	0.43	cps
Dysprosium	156-1	42	108	108	86	44.70	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	33	75	25	44	60.28	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	83	58	50	64	27.15	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	9953284	9794668	9983703	9910552	1.02	cps
Holmium	165-2	2033319	2062792	2049266	2048459	0.72	cps
Indium	115-1	7572451	7534500	7520510	7542487	0.36	cps
Indium	115-2	311142	313200	313763	312701	0.44	cps
Iron	56-2	54706748	55405458	55103954	55072054	0.64	cps
Iron	57-2	1389183	1407405	1405202	1400597	0.71	cps
Lead	206-1	2544071	2542488	2533889	2540149	0.22	cps
Lead	207-1	2339633	2333258	2344327	2339073	0.24	cps
Lead	208-1	10425021	10375214	10421631	10407288	0.27	cps
Lithium	6-1	1071994	1047911	1053830	1057912	1.19	cps
Magnesium	24-2	5794294	5825257	5806869	5808807	0.27	cps
Manganese	55-2	187513	189452	191091	189352	0.95	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6474010	6448616	6486641	6469756	0.30	cps
Molybdenum	95-1	8059694	7983556	8032311	8025187	0.48	cps
Molybdenum	96-1	8921573	8883503	8979172	8928083	0.54	cps
Molybdenum	97-1	5124963	5078570	5133949	5112494	0.58	cps
Molybdenum	98-1	13006882	12958451	12872056	12945796	0.53	cps
Neodymium	150-1	273	193	213	227	18.37	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	203185	204562	205867	204538	0.66	cps
Phosphorus	31-2	3376	3392	3826	3531	7.23	cps
Potassium	39-2	1729011	1745000	1745262	1739758	0.53	cps
Rhodium	103-1	6799363	6743237	6704653	6749084	0.71	cps
Rhodium	103-2	1796722	1774741	1775221	1782228	0.70	cps
Scandium	45-1	4095718	4075008	4079675	4083467	0.27	cps
Scandium	45-2	33978	34045	34509	34177	0.85	cps
Selenium	77-2	253	277	283	271	5.81	cps
Selenium	78-2	946	980	991	972	2.38	cps
Selenium	82-1	49922	49256	49902	49693	0.76	cps
Silicon	28-1	1643750	1643659	1647872	1645094	0.15	cps
Silver	109-1	3793178	3751174	3766989	3770447	0.56	cps
Silver	107-1	3953102	3912100	3938892	3934698	0.53	cps
Sodium	23-2	13576562	13711518	13792231	13693437	0.80	cps
Strontium	86-1	1048669	1056482	1056039	1053730	0.42	cps
Strontium	88-1	9176100	9128361	9138096	9147519	0.28	cps
Sulfur	34-1	547289	550921	555405	551205	0.74	cps
Terbium	159-1	10364584	10223185	10321044	10302938	0.70	cps
Terbium	159-2	1954036	1973171	1957713	1961640	0.52	cps
Thallium	203-1	3163643	3096488	3168825	3142985	1.28	cps
Thallium	205-1	7325752	7346301	7406020	7359358	0.57	cps
Tin	118-1	2714568	2727982	2726900	2723150	0.27	cps
Titanium	47-1	1961484	1975432	1996646	1977854	0.90	cps
Uranium	238-1	10202720	10160930	9973799	10112483	1.21	cps
Vanadium	51-2	250867	253737	254827	253143	0.81	cps
Yttrium	89-1	8107707	8110050	8087577	8101778	0.15	cps
Yttrium	89-2	241818	241710	241209	241579	0.13	cps
Zinc	66-2	105911	106220	107183	106438	0.62	cps
Zirconium	90-1	5536112	5579163	5521721	5545665	0.54	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:10:52	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1216035	1224832	1213713	1218193	0.48	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:13:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.30	cps
Antimony	121-1	1650	1725	1800	1725	4.35	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	133	83	92	103	26.06	cps
Barium	137-1	192	217	158	189	15.49	cps
Beryllium	9-1	400	556	411	456	19.05	cps
Bismuth	209-1	6267431	6325454	6285477	6292788	0.47	cps
Bismuth	209-2	1594239	1591880	1589582	1591900	0.15	cps
Boron	10-1	2909	2842	2809	2853	1.79	cps
Boron	11-1	13690	13115	12531	13112	4.42	cps
Cadmium	111-1	990	1084	983	1019	5.55	cps
Cadmium	106-1	1333	1492	1367	1397	5.97	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	883	833	942	886	6.12	cps
Calcium	44-1	15392	15417	14199	15003	4.64	cps
Chromium	52-2	287	263	257	269	5.86	cps
Cobalt	59-2	67	53	53	58	13.33	cps
Copper	63-2	330	327	313	323	2.73	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	9640271	9662918	9680297	9661162	0.21	cps
Holmium	165-2	2010968	2001300	1992112	2001460	0.47	cps
Indium	115-1	7681845	7641670	7723098	7682204	0.53	cps
Indium	115-2	323296	324609	322087	323331	0.39	cps
Iron	56-2	3150	3078	3067	3099	1.46	cps
Iron	57-2	111	78	133	107	26.03	cps
Lead	206-1	689	656	539	628	12.55	cps
Lead	207-1	656	606	617	626	4.19	cps
Lead	208-1	2928	2500	2422	2617	10.40	cps
Lithium	6-1	1071917	1076479	1079596	1075997	0.36	cps
Magnesium	24-2	600	617	675	631	6.25	cps
Manganese	55-2	20	23	20	21	9.11	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:13:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	733	658	672	8.25	cps
Molybdenum	95-1	700	600	525	608	14.43	cps
Molybdenum	96-1	725	750	783	753	3.89	cps
Molybdenum	97-1	575	433	408	472	19.03	cps
Molybdenum	98-1	1275	992	992	1086	15.06	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	253	210	221	12.82	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	2517	2834	2434	2595	8.13	cps
Rhodium	103-1	7067682	6950044	7070865	7029530	0.98	cps
Rhodium	103-2	1865237	1851570	1868929	1861912	0.49	cps
Scandium	45-1	4041206	4043653	4072889	4052582	0.43	cps
Scandium	45-2	33440	33851	33674	33655	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-22	17	38	11	278.20	cps
Silicon	28-1	328008	329496	327619	328374	0.30	cps
Silver	109-1	4851	4468	4301	4540	6.21	cps
Silver	107-1	5618	4501	4651	4923	12.32	cps
Sodium	23-2	33557	30709	32280	32182	4.43	cps
Strontium	86-1	767	717	658	714	7.59	cps
Strontium	88-1	850	967	767	861	11.67	cps
Sulfur	34-1	328207	328589	331009	329268	0.46	cps
Terbium	159-1	10016671	10044085	10071499	10044085	0.27	cps
Terbium	159-2	1915916	1955834	1912108	1927953	1.26	cps
Thallium	203-1	683	650	592	642	7.23	cps
Thallium	205-1	1684	1725	1725	1711	1.41	cps
Tin	118-1	1900	2067	1942	1970	4.40	cps
Titanium	47-1	158	167	267	197	30.57	cps
Uranium	238-1	308	283	208	267	19.52	cps
Vanadium	51-2	10	7	33	17	87.16	cps
Yttrium	89-1	7938364	7979951	7931961	7950092	0.33	cps
Yttrium	89-2	241501	241623	241677	241600	0.04	cps
Zinc	66-2	37	27	13	26	45.82	cps
Zirconium	90-1	758	808	883	817	7.70	cps

LB Number :	LB92212	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2017-12-15 17:13:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	158	125	181	38.43	cps