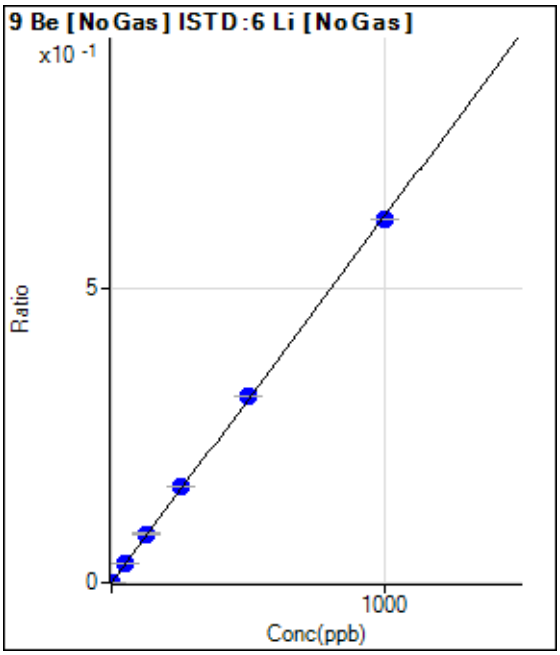
Batch Folder: D:\ICP-MS Data\P7080519-MS.b\
Analysis File: P7080519-MS.batch.bin
DA Date-Time: 2019-08-06 00:32:12
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

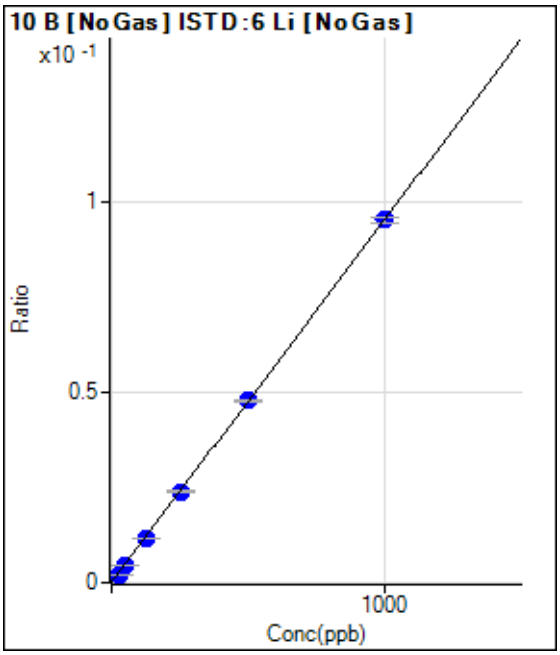
Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-05 12:57:11
2	003CALS.d	S02	2019-08-05 13:00:48
3	004CALS.d	S03	2019-08-05 13:05:31
4	005CALS.d	S04	2019-08-05 13:09:28
5	006CALS.d	S05	2019-08-05 13:13:20
6	007CALS.d	S06	2019-08-05 13:17:10
7	008CALS.d	S07	2019-08-05 13:20:58
8	009CALS.d	S08	2019-08-05 13:24:45



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	35.1
2	☐	1.000	1.050	2186.86	0.0007	P	2.8
3	☐	50.000	54.952	102066.34	0.0342	P	0.0
4	☐	125.000	133.633	217444.32	0.0832	P	1.1
5	☐	250.000	262.641	370157.46	0.1635	P	0.2
6	☐	500.000	510.111	719312.95	0.3175	P	0.3
7	☐	1000.000	990.458	1423819.58	0.6165	P	0.1
8	☐			324.45	0.0001	P	14.1

y = 6.2245E-004 * x + 1.7951E-005
R = 0.9998
DL = 0.03036
BEC = 0.02884

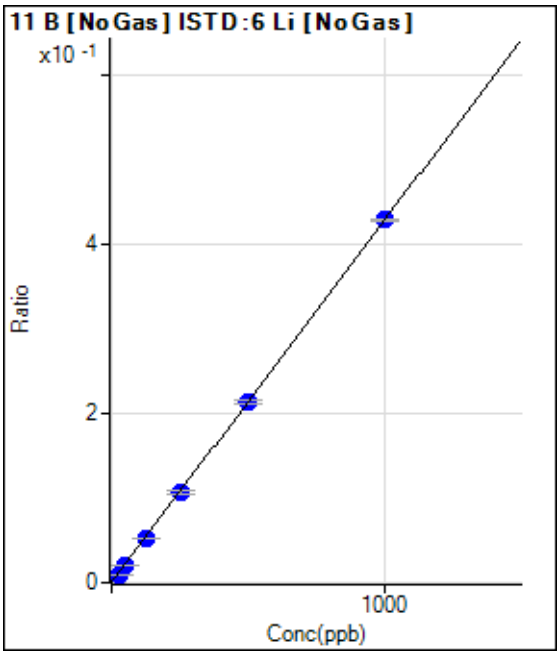
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0001	P	10.2
2	☐	25.000	20.666	6698.96	0.0021	P	7.7
3	☐	50.000	47.641	13801.29	0.0046	P	3.3
4	☐	125.000	119.612	30013.98	0.0115	P	0.9
5	☐	250.000	250.615	54248.19	0.0240	P	2.5
6	☐	500.000	501.138	108342.37	0.0478	P	1.3
7	☐	1000.000	1000.177	220242.39	0.0954	P	1.4
8	☐			12338.84	0.0054	P	4.7

y = 9.5257E-005 * x + 8.9742E-005
R = 1.0000
DL = 0.2879
BEC = 0.9421

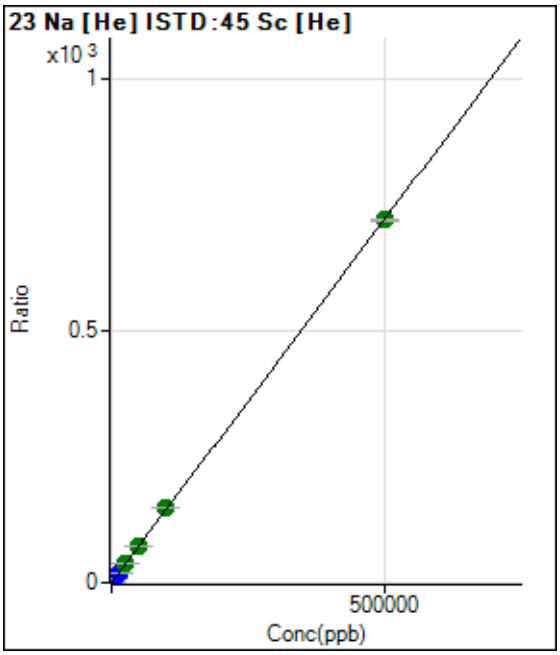
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1377.90	0.0004	P	0.9
2	☐	25.000	20.885	30481.69	0.0094	P	0.2
3	☐	50.000	45.649	59562.79	0.0200	P	3.8
4	☐	125.000	119.900	135352.45	0.0518	P	0.6
5	☐	250.000	248.991	242424.77	0.1071	P	3.8
6	☐	500.000	499.367	485623.31	0.2144	P	1.4
7	☐	1000.000	1001.527	991973.91	0.4295	P	0.8
8	☐			56261.29	0.0245	P	4.6

y = 4.2846E-004 * x + 4.1595E-004
R = 1.0000
DL = 0.02644
BEC = 0.9708

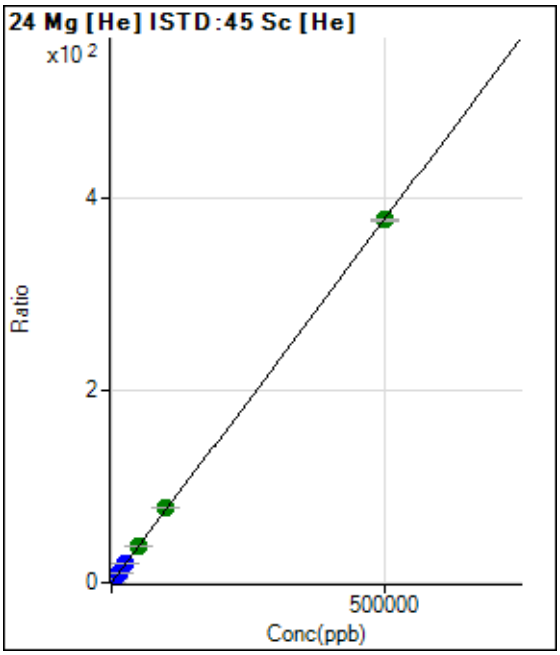
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4773.19	0.0207	P	8.3
2	☐	500.000	447.254	145342.06	0.6649	P	14.1
3	☐	5000.000	5001.233	1450323.01	7.2239	P	0.1
4	☐	12500.000	12466.353	3178227.61	17.9759	P	1.4
5	☐	25000.000	25381.449	5721772.92	36.5774	A	0.9
6	☐	50000.000	50216.588	11626627.87	72.3473	A	0.3
7	☐	100000.00	103147.51	23858946.89	148.5833	A	1.9
8	☐	500000.00	499330.64	123111986.0	719.2027	A	0.2

y = 0.0014 * x + 0.0207
R = 1.0000
DL = 3.579
BEC = 14.38

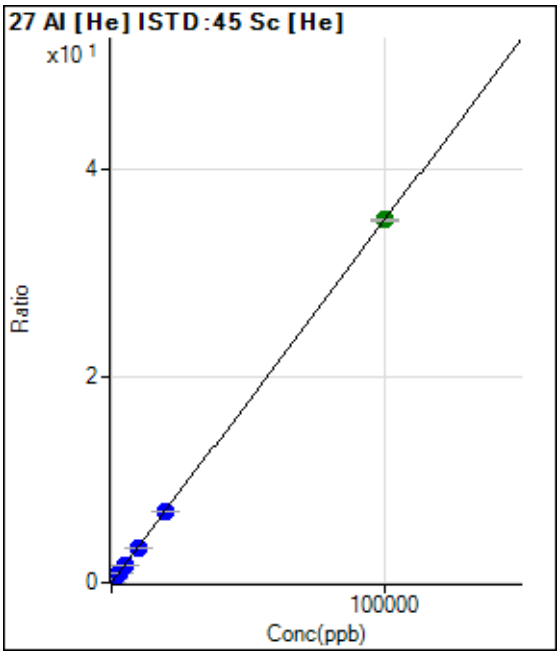
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0009	P	39.0
2	☐	500.000	451.869	75027.18	0.3429	P	18.1
3	☐	5000.000	5060.024	769000.60	3.8303	P	0.4
4	☐	12500.000	12633.998	1690653.63	9.5621	P	1.2
5	☐	25000.000	25462.350	3014471.12	19.2704	P	0.6
6	☐	50000.000	50587.167	6152507.26	38.2844	A	0.4
7	☐	100000.00	103026.15	12520272.85	77.9694	A	1.7
8	☐	500000.00	499309.03	64682473.67	377.8694	A	0.2

y = 7.5678E-004 * x + 9.3617E-004
R = 1.0000
DL = 1.446
BEC = 1.237

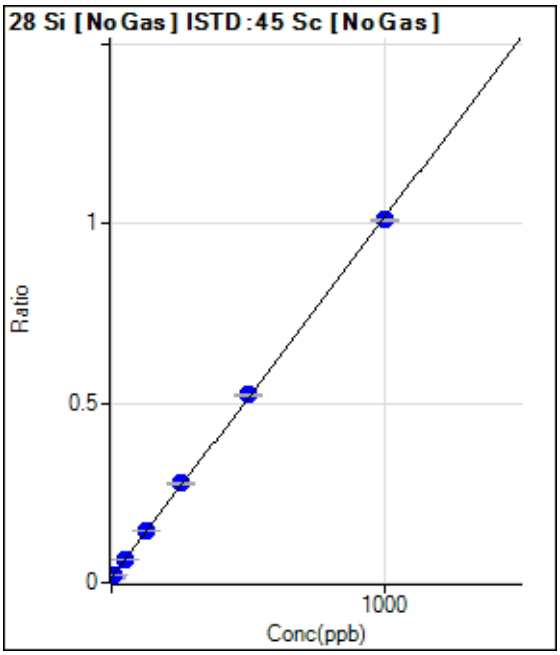
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0002	P	41.4
2	☐	20.000	16.295	1286.22	0.0059	P	21.4
3	☐	1000.000	974.312	68646.71	0.3419	P	0.6
4	☐	2500.000	2446.243	151766.33	0.8583	P	0.5
5	☐	5000.000	4919.302	269964.43	1.7258	P	0.8
6	☐	10000.000	9655.992	544363.54	3.3873	P	0.1
7	☐	20000.000	19658.175	1107369.24	6.8960	P	1.6
8	☐	100000.00	100108.40	6011070.79	35.1168	A	0.5

y = 3.5079E-004 * x + 1.5860E-004
R = 1.0000
DL = 0.5619
BEC = 0.4521

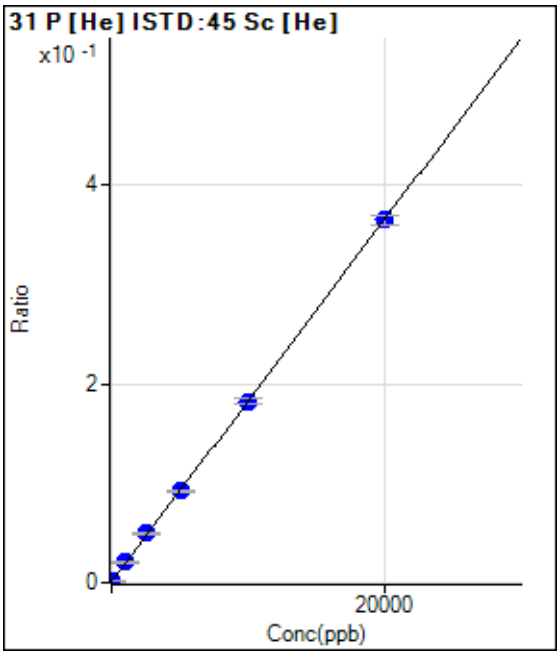
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	79899.99	0.0135	P	2.9
2	☐	10.000	9.489	133693.37	0.0230	P	0.9
3	☐	50.000	51.713	346137.40	0.0654	P	0.1
4	☐	125.000	130.227	670882.16	0.1442	P	2.1
5	☐	250.000	261.510	1100139.52	0.2759	P	0.9
6	☐	500.000	506.767	2083264.33	0.5219	P	0.2
7	☐	1000.000	993.005	4099525.52	1.0097	P	0.6
8	☐			342047.26	0.0847	P	0.8

y = 0.0010 * x + 0.0135
R = 0.9999
DL = 1.183
BEC = 13.48

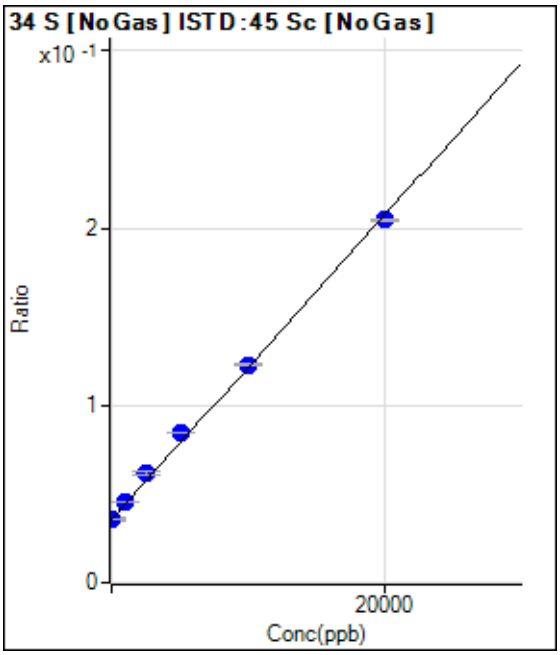
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-26.926	58.34	0.0003	P	15.4
2	☐	0.000	26.926	269.46	0.0012	P	30.4
3	☐	1000.000	1089.194	4134.08	0.0206	P	2.8
4	☐	2500.000	2676.803	8755.68	0.0495	P	3.3
5	☐	5000.000	5016.451	14415.89	0.0921	P	2.7
6	☐	10000.000	9977.805	29335.30	0.1825	P	3.2
7	☐	20000.000	19980.425	58571.40	0.3648	P	2.5
8	☐			97.23	0.0006	P	17.1

y = 1.8220E-005 * x + 7.4359E-004
R = 1.0000
DL = 34.1
BEC = 40.81

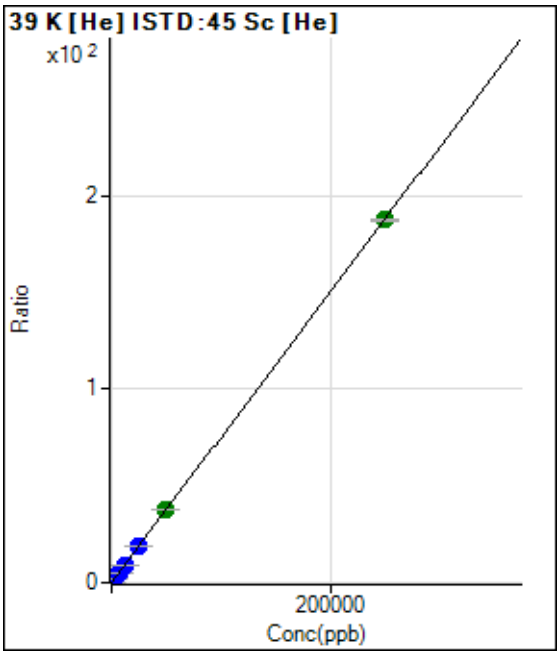
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.087	209888.76	0.0356	P	5.2
2	☐	0.000	11.087	207375.99	0.0357	P	1.3
3	☐	1000.000	1121.159	239600.09	0.0453	P	1.1
4	☐	2500.000	3027.700	286870.63	0.0616	P	2.4
5	☐	5000.000	5690.172	336987.43	0.0845	P	0.4
6	☐	10000.000	10155.233	490288.12	0.1228	P	0.7
7	☐	20000.000	19677.820	830615.77	0.2046	P	0.3
8	☐			156539.92	0.0388	P	1.9

y = 8.5849E-006 * x + 0.0357
R = 0.9991
DL = 405.7
BEC = 4153

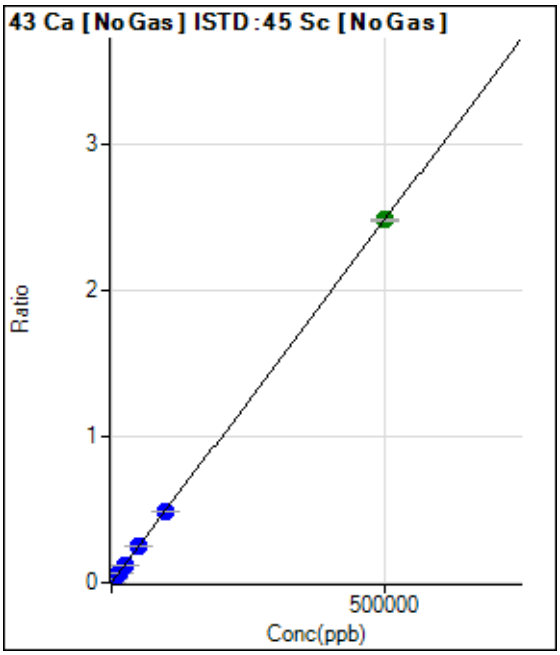
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10812.70	0.0468	P	0.9
2	☐	500.000	471.038	87443.75	0.4004	P	10.1
3	☐	2500.000	2508.910	387546.58	1.9304	P	0.7
4	☐	6250.000	6230.512	835376.07	4.7245	P	0.9
5	☐	12500.000	12453.663	1469915.05	9.3967	P	0.9
6	☐	25000.000	24511.339	2964929.08	18.4494	P	0.4
7	☐	50000.000	50481.376	6093676.83	37.9472	A	1.6
8	☐	250000.00	249955.36	32131491.69	187.7084	A	0.3

y = 7.5078E-004 * x + 0.0468
R = 1.0000
DL = 1.594
BEC = 62.28

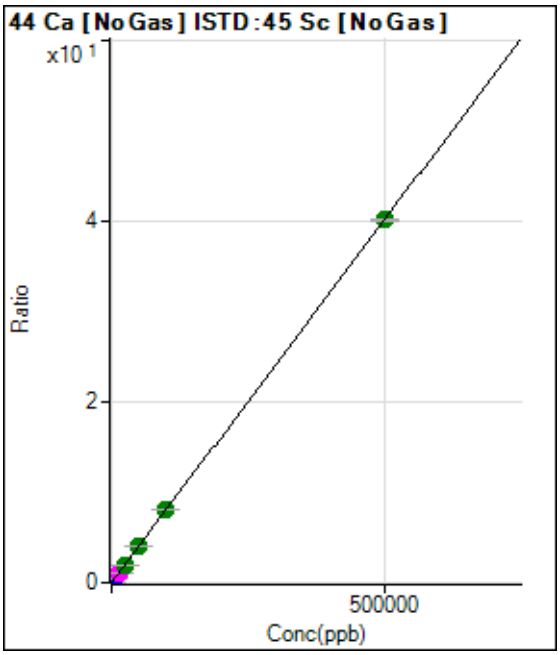
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	44.8
2	☐	500.000	470.505	13679.07	0.0024	P	0.3
3	☐	5000.000	4786.962	125985.27	0.0238	P	1.2
4	☐	12500.000	12069.713	279167.00	0.0600	P	1.3
5	☐	25000.000	24860.746	492649.47	0.1235	P	0.5
6	☐	50000.000	49627.356	984233.85	0.2466	P	0.5
7	☐	100000.00	98965.768	1996356.12	0.4917	P	0.1
8	☐	500000.00	500263.99	10032867.15	2.4855	A	0.6

y = 4.9683E-006 * x + 2.0246E-005
R = 1.0000
DL = 5.479
BEC = 4.075

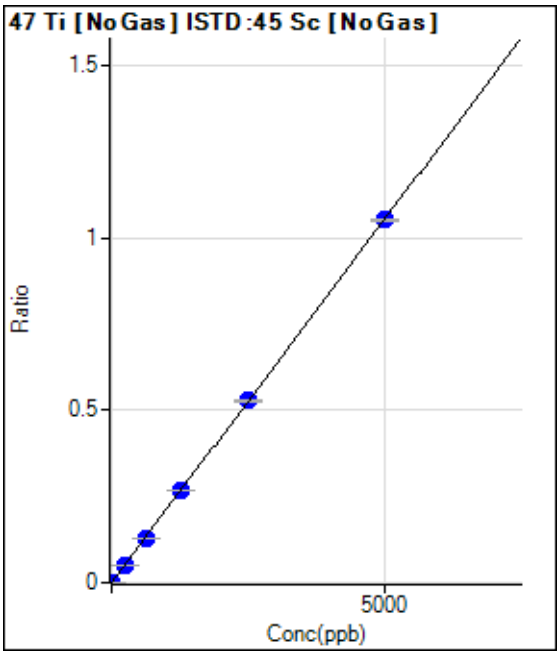
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8904.97	0.0015	P	3.3
2	☐	500.000	465.794	225504.87	0.0389	P	1.0
3	☐	5000.000	4788.460	2040786.16	0.3856	P	0.4
4	☐	12500.000	12009.774	4490125.40	0.9648	M	1.3
5	☐	25000.000	25021.978	8009948.88	2.0086	A	0.4
6	☐	50000.000	49902.290	15982906.43	4.0043	A	0.7
7	☐	100000.00	100377.61	32695929.20	8.0530	A	0.3
8	☐	500000.00	499947.55	161879873.0	40.1033	A	0.3

y = 8.0212E-005 * x + 0.0015
R = 1.0000
DL = 1.874
BEC = 18.79

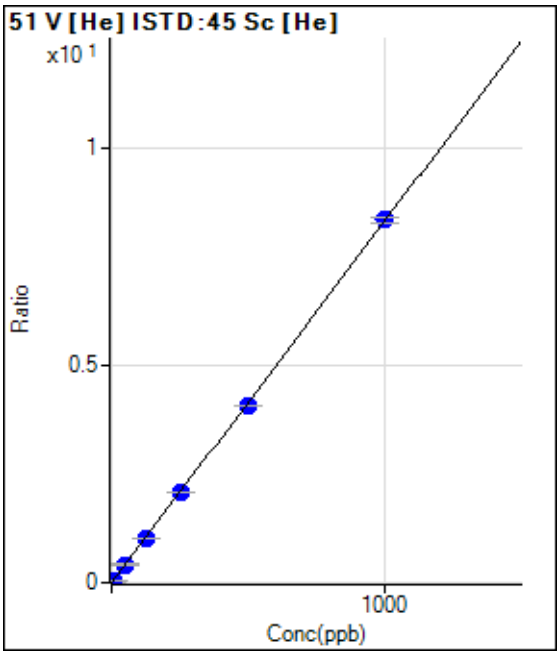
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	51.1
2	☐	5.000	4.995	6159.91	0.0011	P	2.1
3	☐	250.000	246.551	274756.03	0.0519	P	0.8
4	☐	625.000	614.615	602224.72	0.1294	P	0.7
5	☐	1250.000	1266.645	1063488.88	0.2667	P	0.1
6	☐	2500.000	2504.467	2104611.77	0.5273	P	0.7
7	☐	5000.000	4995.076	4269693.11	1.0516	P	0.2
8	☐			1780.74	0.0004	P	4.3

y = 2.1053E-004 * x + 1.0216E-005
R = 1.0000
DL = 0.07441
BEC = 0.04852

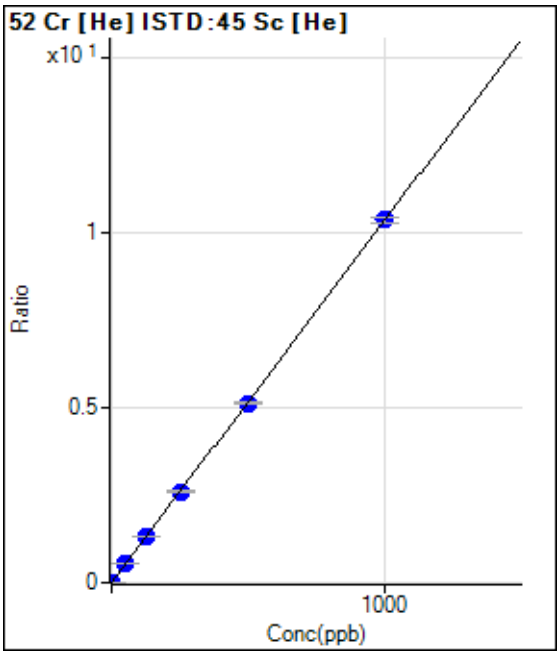
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	6.1
2	☐	5.000	4.383	7970.14	0.0364	P	19.9
3	☐	50.000	50.450	84110.38	0.4189	P	1.1
4	☐	125.000	123.637	181507.45	1.0266	P	1.5
5	☐	250.000	249.977	324694.19	2.0757	P	0.9
6	☐	500.000	490.934	655113.50	4.0764	P	0.6
7	☐	1000.000	1004.690	1339639.44	8.3424	P	1.6
8	☐			247.78	0.0014	P	8.8

y = 0.0083 * x + 1.4437E-005
R = 0.9999
DL = 0.0003164
BEC = 0.001739

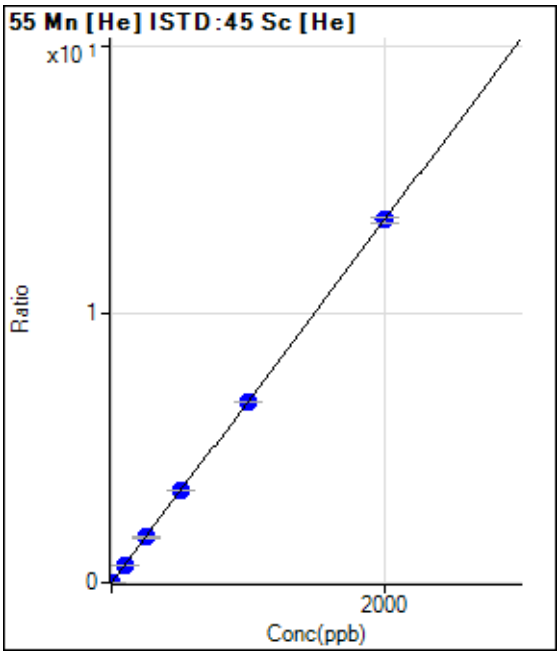
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0003	P	40.8
2	☐	2.000	1.729	3989.51	0.0182	P	17.4
3	☐	50.000	50.612	105227.40	0.5241	P	0.4
4	☐	125.000	125.531	229760.97	1.2994	P	1.0
5	☐	250.000	251.662	407453.26	2.6048	P	1.1
6	☐	500.000	495.412	823986.76	5.1273	P	0.6
7	☐	1000.000	1001.782	1664875.62	10.3676	P	1.5
8	☐			26066.58	0.1523	P	2.3

y = 0.0103 * x + 3.4671E-004
R = 1.0000
DL = 0.04105
BEC = 0.0335

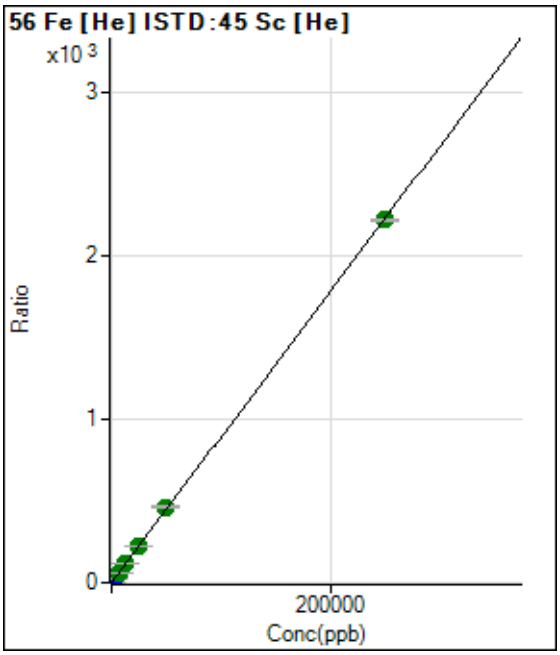
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	38.7
2	☐	1.000	0.873	1321.20	0.0060	P	13.3
3	☐	100.000	99.803	135417.22	0.6745	P	0.7
4	☐	250.000	250.941	299812.99	1.6957	P	1.5
5	☐	500.000	506.004	534870.73	3.4192	P	0.5
6	☐	1000.000	995.911	1081467.66	6.7294	P	0.5
7	☐	2000.000	2000.436	2170611.89	13.5170	P	1.5
8	☐			8405.85	0.0491	P	1.4

y = 0.0068 * x + 1.4435E-004
R = 1.0000
DL = 0.02482
BEC = 0.02136

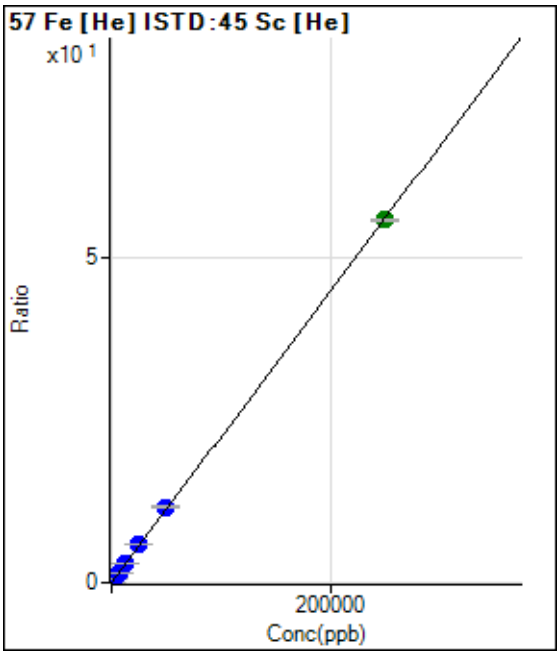
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2341.00	0.0101	P	2.4
2	☐	50.000	46.442	92621.63	0.4234	P	17.2
3	☐	2500.000	2588.278	4626010.17	23.0419	P	0.5
4	☐	6250.000	6437.591	10130276.27	57.2951	A	1.0
5	☐	12500.000	13028.800	18137717.53	115.9470	A	0.6
6	☐	25000.000	25683.055	36729517.95	228.5510	A	0.3
7	☐	50000.000	51798.614	74016459.99	460.9404	A	1.8
8	☐	250000.00	249539.96	380107497.3	2,220.543	A	0.2

y = 0.0089 * x + 0.0101
R = 1.0000
DL = 0.08224
BEC = 1.139

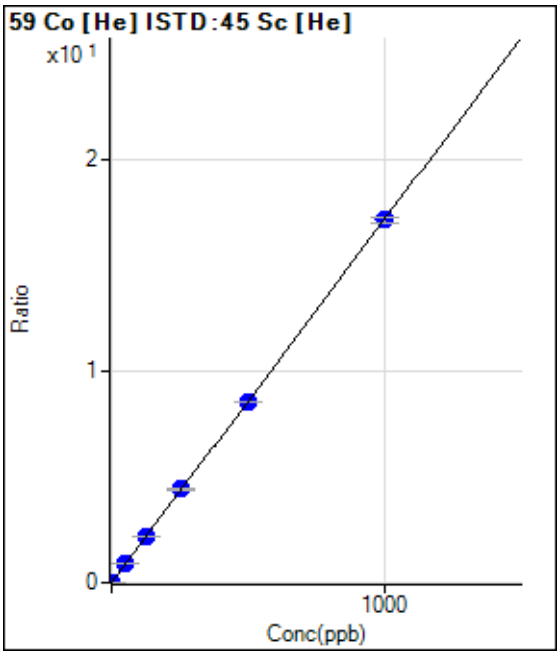
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.52	0.0005	P	8.0
2	☐	50.000	48.581	2491.02	0.0114	P	15.4
3	☐	2500.000	2590.103	116573.65	0.5806	P	0.3
4	☐	6250.000	6557.005	259774.65	1.4692	P	1.0
5	☐	12500.000	13253.072	464430.95	2.9690	P	1.1
6	☐	25000.000	25957.545	934433.95	5.8146	P	0.2
7	☐	50000.000	52022.817	1871225.04	11.6527	P	1.6
8	☐	250000.00	249453.45	9564243.62	55.8738	A	0.3

y = 2.2398E-004 * x + 5.1101E-004
R = 1.0000
DL = 0.5482
BEC = 2.281

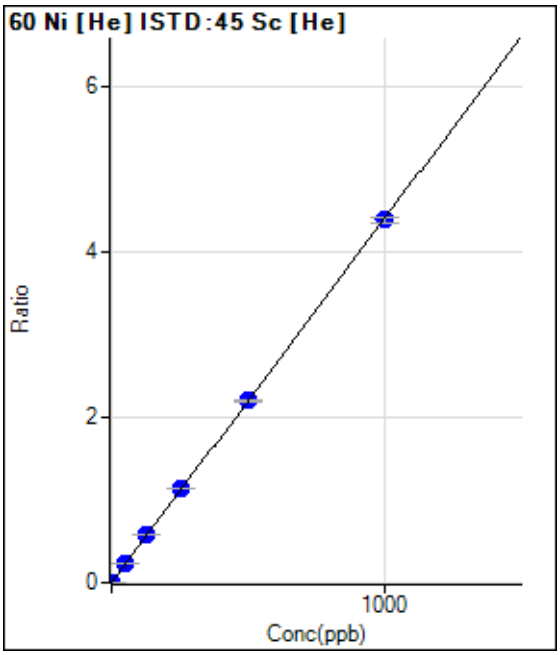
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.66	0.0002	P	34.5
2	☐	1.000	0.916	3472.70	0.0159	P	19.9
3	☐	50.000	52.066	179331.49	0.8932	P	0.2
4	☐	125.000	128.422	389528.90	2.2029	P	0.8
5	☐	250.000	256.759	688949.96	4.4042	P	0.8
6	☐	500.000	498.199	1373324.53	8.5456	P	0.5
7	☐	1000.000	998.680	2750783.43	17.1301	P	1.6
8	☐			34099.65	0.1992	P	0.7

y = 0.0172 * x + 1.6008E-004
R = 1.0000
DL = 0.009668
BEC = 0.009332

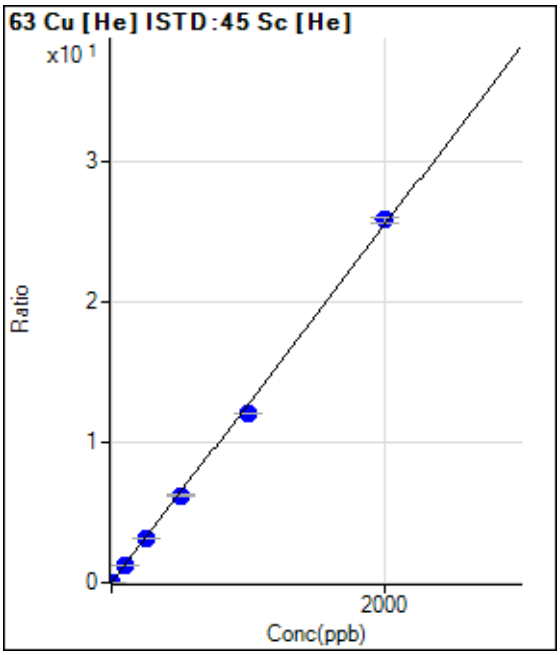
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0001	P	39.8
2	☐	1.000	0.967	960.05	0.0044	P	17.0
3	☐	50.000	53.022	46960.72	0.2339	P	0.4
4	☐	125.000	130.828	102007.13	0.5770	P	1.3
5	☐	250.000	258.972	178637.58	1.1420	P	1.0
6	☐	500.000	500.549	354693.26	2.2071	P	0.6
7	☐	1000.000	996.603	705642.27	4.3942	P	1.5
8	☐			12684.56	0.0741	P	4.1

y = 0.0044 * x + 1.2377E-004
R = 0.9999
DL = 0.03348
BEC = 0.02807

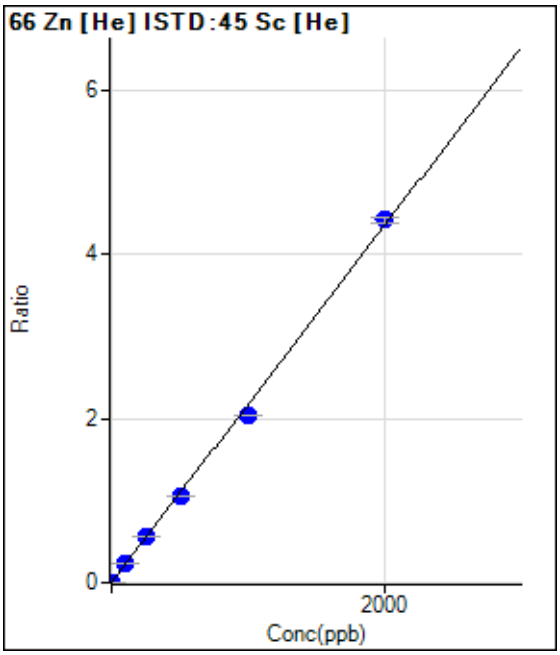
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	437.79	0.0019	P	8.5
2	☐	2.000	1.712	5186.57	0.0237	P	18.5
3	☐	100.000	100.222	256592.13	1.2781	P	0.2
4	☐	250.000	246.251	554728.58	3.1375	P	1.2
5	☐	500.000	488.304	972924.09	6.2196	P	0.9
6	☐	1000.000	947.743	1939697.56	12.0698	P	0.5
7	☐	2000.000	2029.510	4150284.45	25.8443	P	1.3
8	☐			5182.11	0.0303	P	3.0

y = 0.0127 * x + 0.0019
R = 0.9995
DL = 0.03823
BEC = 0.1492

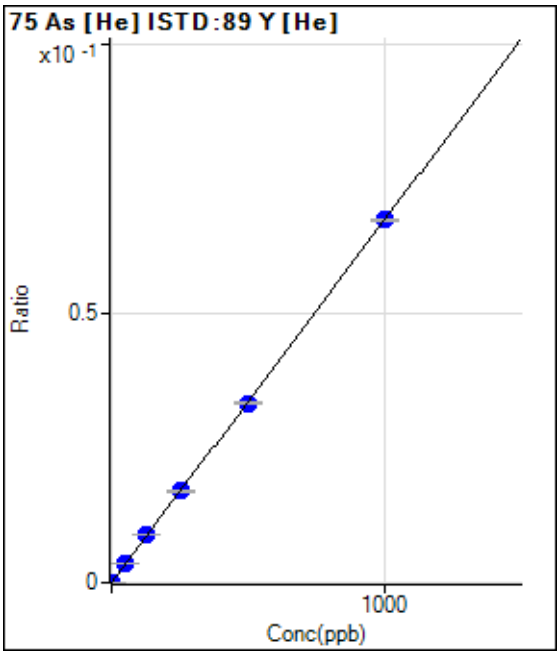
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0013	P	14.5
2	☐	2.000	2.180	1318.97	0.0060	P	6.8
3	☐	100.000	107.453	47173.78	0.2350	P	0.3
4	☐	250.000	256.328	98778.82	0.5587	P	1.9
5	☐	500.000	488.224	166284.31	1.0630	P	0.5
6	☐	1000.000	938.865	328312.18	2.0429	P	0.5
7	☐	2000.000	2032.347	709900.16	4.4208	P	1.6
8	☐			6424.85	0.0375	P	1.7

y = 0.0022 * x + 0.0013
R = 0.9993
DL = 0.2621
BEC = 0.6008

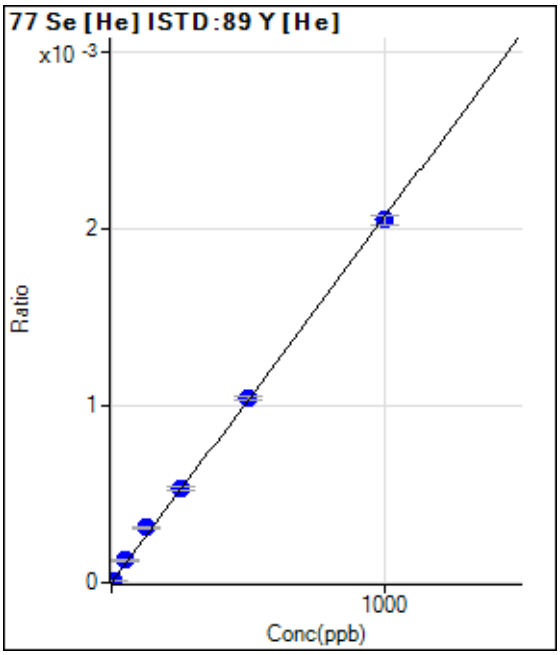
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.26	0.0000	P	50.4
2	☐	1.000	0.963	260.50	0.0001	P	14.9
3	☐	50.000	54.851	13350.03	0.0037	P	0.2
4	☐	125.000	132.574	29017.84	0.0089	P	0.4
5	☐	250.000	252.275	49845.49	0.0170	P	0.4
6	☐	500.000	495.525	100175.66	0.0334	P	0.3
7	☐	1000.000	1000.479	199377.21	0.0674	P	0.6
8	☐			282.72	0.0001	P	15.4

y = 6.7371E-005 * x + 2.2390E-006
R = 1.0000
DL = 0.05027
BEC = 0.03323

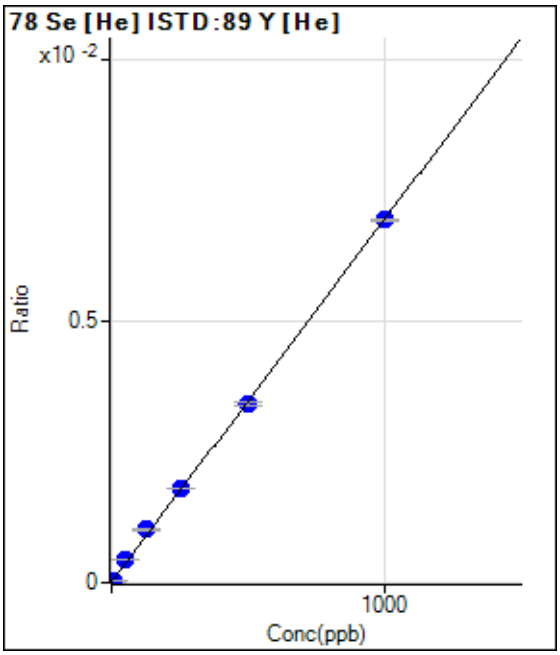
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.959	47.78	0.0000	P	16.7
3	☐	50.000	61.114	455.57	0.0001	P	3.2
4	☐	125.000	150.977	1012.27	0.0003	P	3.6
5	☐	250.000	258.410	1564.55	0.0005	P	5.4
6	☐	500.000	504.110	3122.61	0.0010	P	1.8
7	☐	1000.000	992.035	6059.14	0.0020	P	2.7
8	☐			2.22	0.0000	P	86.6

y = 2.0646E-006 * x + 0.0000E+000
R = 0.9997
DL = 0
BEC = 0

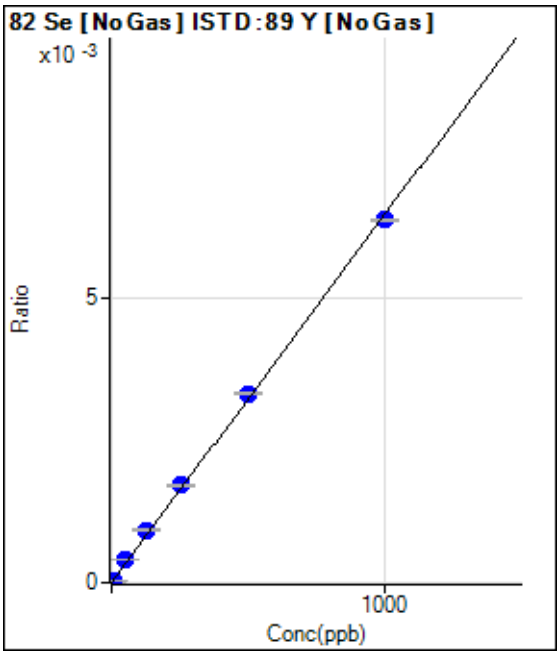
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0000	P	24.5
2	☐	5.000	5.850	200.00	0.0001	P	2.6
3	☐	50.000	60.578	1555.03	0.0004	P	2.7
4	☐	125.000	145.352	3305.97	0.0010	P	1.9
5	☐	250.000	257.443	5260.87	0.0018	P	1.3
6	☐	500.000	492.597	10270.38	0.0034	P	2.5
7	☐	1000.000	998.764	20492.31	0.0069	P	0.7
8	☐			34.57	0.0000	P	24.8

y = 6.9255E-006 * x + 1.1190E-005
R = 0.9997
DL = 1.187
BEC = 1.616

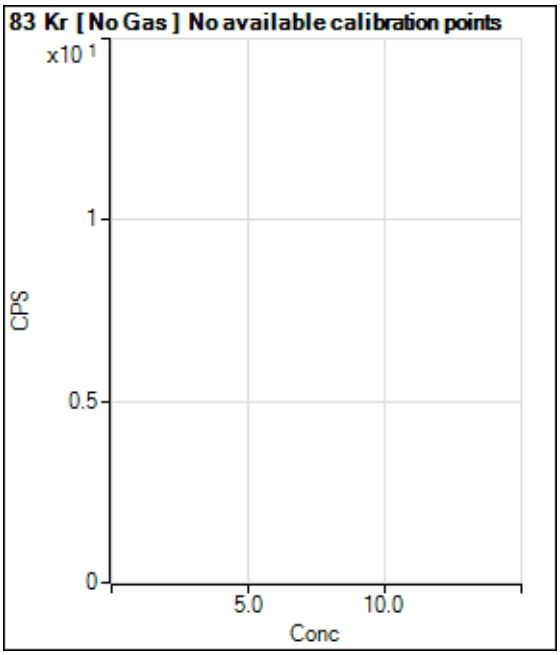
Weight: <None>
Min Conc: 0



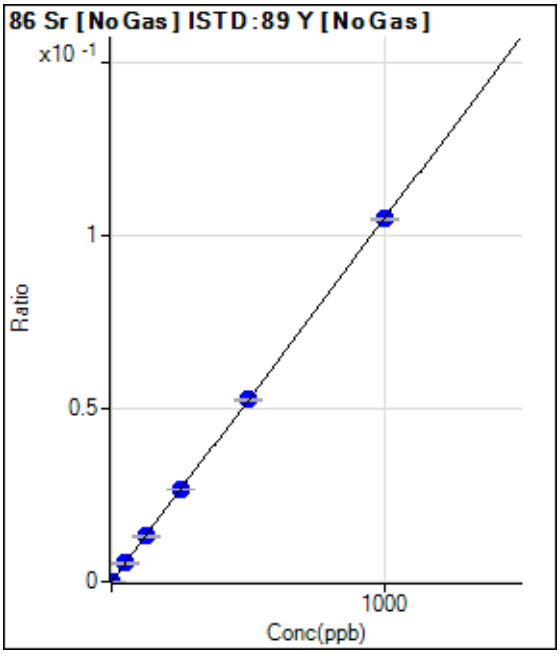
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.29	0.0000	P	88.5
2	☐	5.000	6.681	1273.66	0.0000	P	5.5
3	☐	50.000	63.498	10795.68	0.0004	P	0.6
4	☐	125.000	143.337	21965.97	0.0009	P	1.2
5	☐	250.000	264.194	36197.12	0.0017	P	1.0
6	☐	500.000	514.071	71244.06	0.0033	P	0.4
7	☐	1000.000	986.441	138235.08	0.0064	P	0.9
8	☐			47.12	0.0000	P	105.

y = 6.4414E-006 * x + 1.3456E-006
R = 0.9996
DL = 0.5547
BEC = 0.2089

Weight: <None>
Min Conc: 0



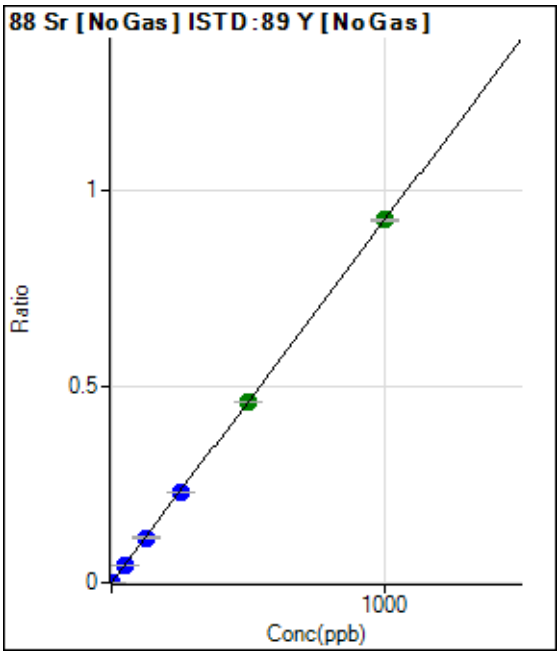
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			214.45		P	7.3
2	☐			206.67		P	19.0
3	☐			190.01		P	9.3
4	☐			207.79		P	10.2
5	☐			183.34		P	11.1
6	☐			186.67		P	20.3
7	☐			226.67		P	15.9
8	☐			261.12		P	23.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.25	0.0000	P	8.8
2	☐	1.000	1.015	3414.44	0.0001	P	4.8
3	☐	50.000	50.271	138804.05	0.0053	P	1.3
4	☐	125.000	125.104	311515.19	0.0131	P	1.8
5	☐	250.000	252.972	563318.44	0.0265	P	0.1
6	☐	500.000	500.588	1127662.80	0.0524	P	1.0
7	☐	1000.000	998.936	2275619.76	0.1046	P	0.8
8	☐			9497.98	0.0005	P	0.1

y = 1.0472E-004 * x + 1.2705E-005
R = 1.0000
DL = 0.03213
BEC = 0.1213

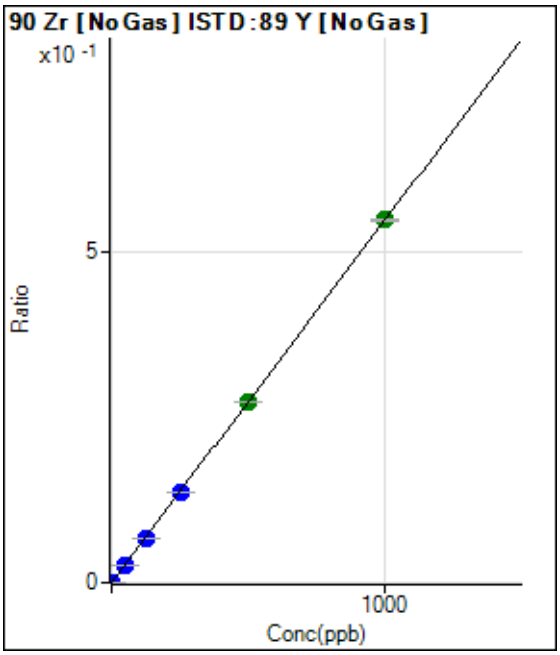
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	22.1
2	☐	1.000	0.972	25938.22	0.0009	P	0.6
3	☐	50.000	49.827	1212147.93	0.0461	P	0.1
4	☐	125.000	124.172	2727716.25	0.1148	P	1.1
5	☐	250.000	248.590	4885681.45	0.2299	P	0.3
6	☐	500.000	498.353	9910634.94	0.4608	A	0.7
7	☐	1000.000	1001.288	20139313.82	0.9259	A	0.3
8	☐			81576.28	0.0039	P	1.9

y = 9.2469E-004 * x + 4.7246E-006
R = 1.0000
DL = 0.003381
BEC = 0.005109

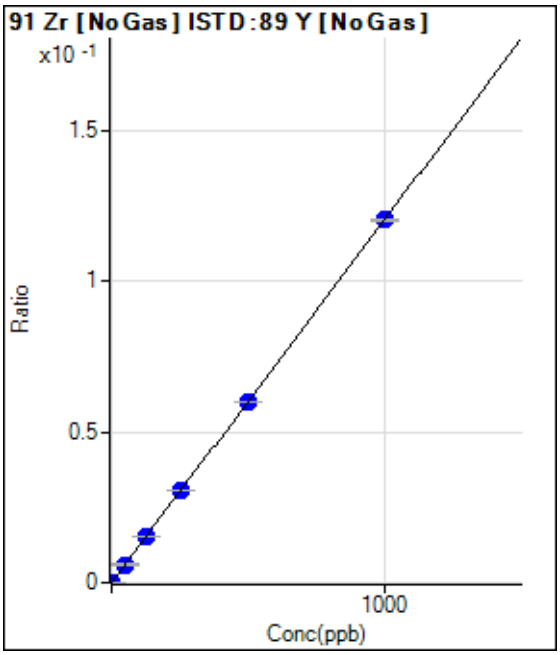
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	838.96	0.0000	P	7.1
2	☐	1.000	0.603	10298.62	0.0004	P	4.4
3	☐	50.000	49.285	711406.86	0.0270	P	0.2
4	☐	125.000	122.884	1600736.94	0.0674	P	1.5
5	☐	250.000	248.284	2893147.77	0.1361	P	0.3
6	☐	500.000	497.106	5860673.96	0.2725	A	0.1
7	☐	1000.000	1002.177	11949297.92	0.5494	A	0.2
8	☐			4039.62	0.0002	P	1.9

y = 5.4813E-004 * x + 2.8527E-005
R = 1.0000
DL = 0.01114
BEC = 0.05204

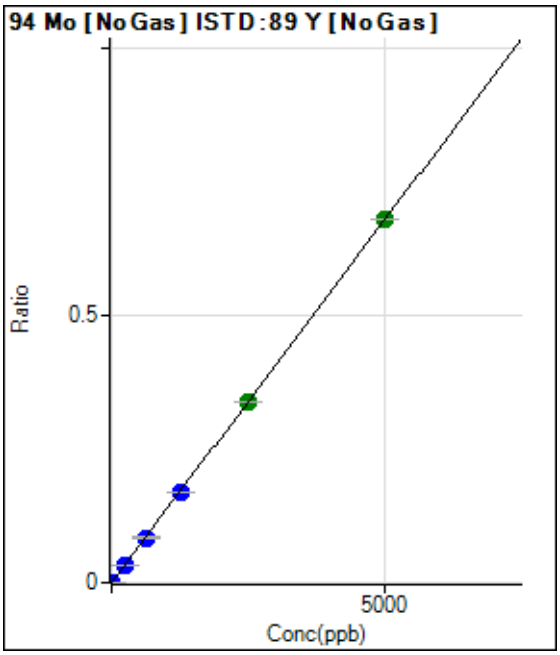
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	21.5
2	☐	1.000	0.605	2225.25	0.0001	P	4.7
3	☐	50.000	50.268	159133.80	0.0060	P	0.5
4	☐	125.000	125.311	358061.73	0.0151	P	0.3
5	☐	250.000	252.537	645487.00	0.0304	P	0.3
6	☐	500.000	498.497	1289208.97	0.0599	P	0.1
7	☐	1000.000	1000.065	2615731.63	0.1203	P	0.3
8	☐			891.73	0.0000	P	12.6

y = 1.2024E-004 * x + 4.8368E-006
R = 1.0000
DL = 0.02596
BEC = 0.04023

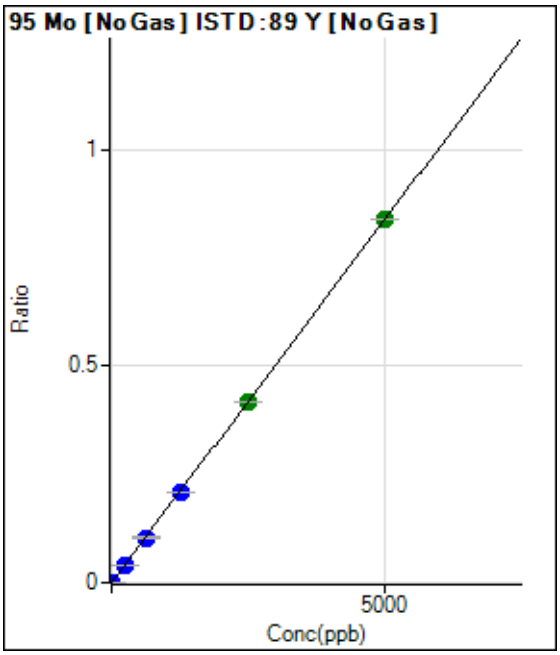
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	10.1
2	☐	5.000	4.122	16245.98	0.0006	P	1.5
3	☐	250.000	249.539	888799.97	0.0338	P	0.9
4	☐	625.000	620.436	1995470.07	0.0840	P	1.2
5	☐	1250.000	1243.044	3576803.64	0.1683	P	0.2
6	☐	2500.000	2495.429	7265624.90	0.3378	A	0.2
7	☐	5000.000	5004.619	14737334.70	0.6775	A	0.1
8	☐			7574.56	0.0004	P	7.5

y = 1.3538E-004 * x + 8.0716E-006
R = 1.0000
DL = 0.01811
BEC = 0.05962

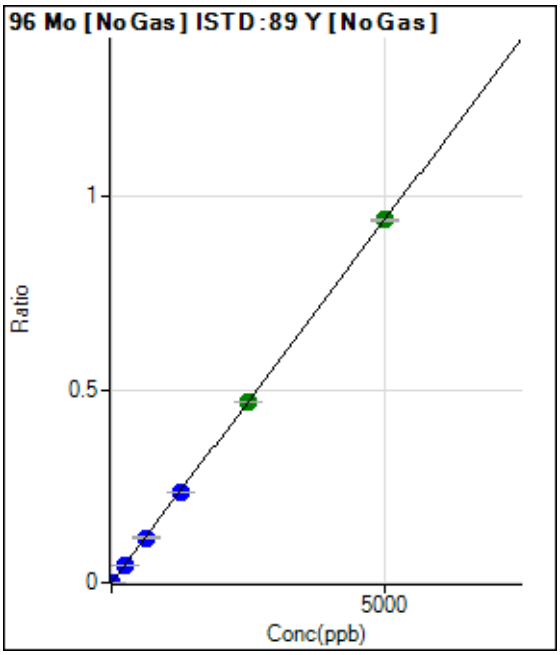
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	20.9
2	☐	5.000	4.723	22752.35	0.0008	P	0.5
3	☐	250.000	249.653	1099464.94	0.0418	P	0.8
4	☐	625.000	621.884	2473252.53	0.1041	P	1.5
5	☐	1250.000	1249.230	4445142.76	0.2091	P	0.1
6	☐	2500.000	2499.047	8997939.53	0.4184	A	0.1
7	☐	5000.000	5001.076	18211933.39	0.8373	A	0.1
8	☐			11332.71	0.0005	P	3.0

y = 1.6742E-004 * x + 2.2720E-006
R = 1.0000
DL = 0.008517
BEC = 0.01357

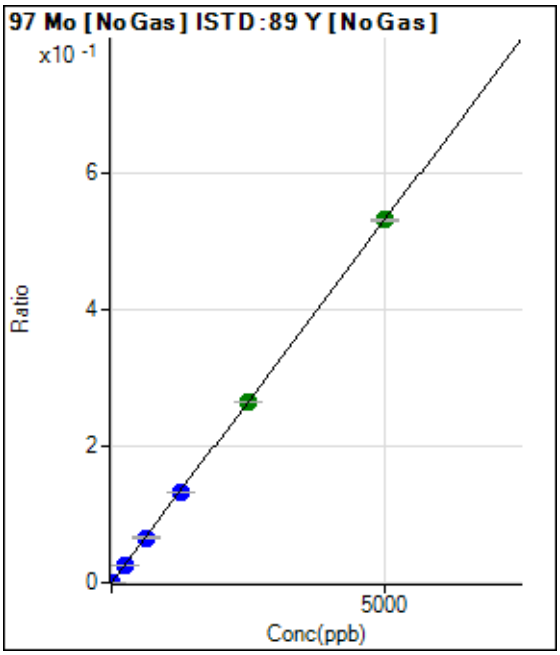
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	29.4
2	☐	5.000	4.483	24249.11	0.0008	P	3.1
3	☐	250.000	249.399	1230821.87	0.0468	P	0.2
4	☐	625.000	618.166	2754795.76	0.1160	P	1.7
5	☐	1250.000	1241.470	4949868.38	0.2329	P	0.7
6	☐	2500.000	2498.021	10078295.45	0.4686	A	0.5
7	☐	5000.000	5004.007	20418732.57	0.9387	A	0.4
8	☐			17747.80	0.0009	P	2.4

y = 1.8759E-004 * x + 4.0514E-006
R = 1.0000
DL = 0.01905
BEC = 0.0216

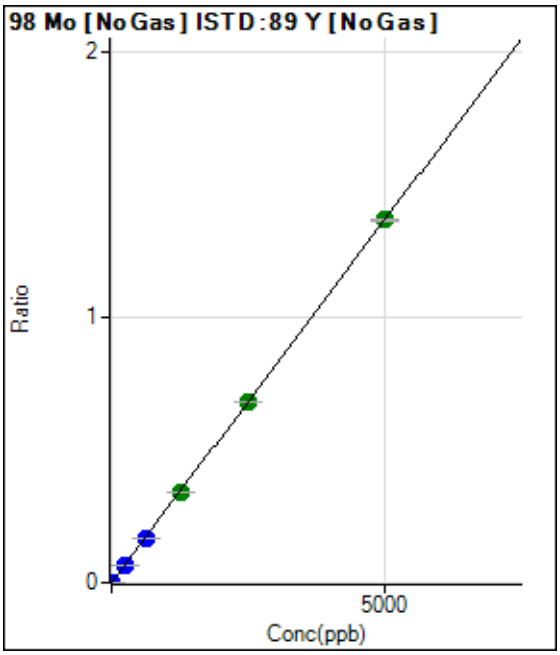
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	62.2
2	☐	5.000	4.572	13935.15	0.0005	P	1.5
3	☐	250.000	248.427	693151.60	0.0263	P	0.3
4	☐	625.000	620.550	1563512.14	0.0658	P	1.4
5	☐	1250.000	1244.675	2805850.34	0.1320	P	0.2
6	☐	2500.000	2492.364	5685214.41	0.2644	A	0.5
7	☐	5000.000	5005.785	11548671.53	0.5309	A	0.4
8	☐			6774.11	0.0003	P	6.0

y = 1.0606E-004 * x + 6.5713E-007
R = 1.0000
DL = 0.01157
BEC = 0.006196

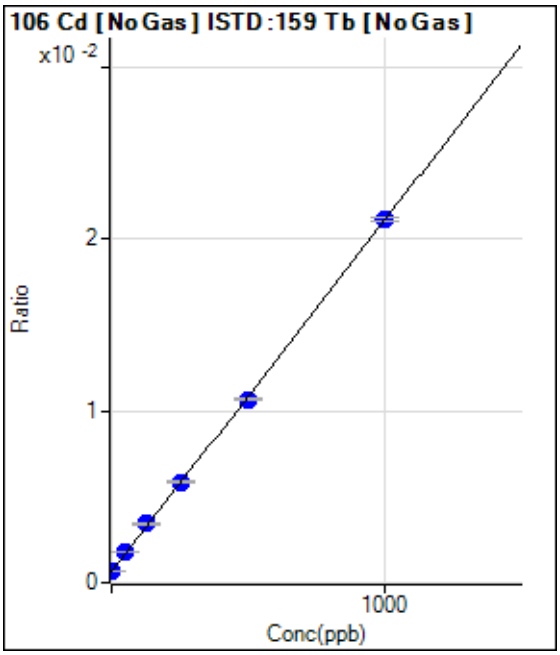
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	16.7
2	☐	5.000	4.557	35768.19	0.0012	P	1.0
3	☐	250.000	247.534	1777015.25	0.0676	P	0.3
4	☐	625.000	616.404	3995905.04	0.1682	P	1.7
5	☐	1250.000	1248.564	7241879.24	0.3407	A	0.3
6	☐	2500.000	2494.359	14639379.67	0.6807	A	0.4
7	☐	5000.000	5004.377	29705879.13	1.3657	A	0.8
8	☐			16743.74	0.0008	P	6.6

y = 2.7289E-004 * x + 2.8406E-006
R = 1.0000
DL = 0.005227
BEC = 0.01041

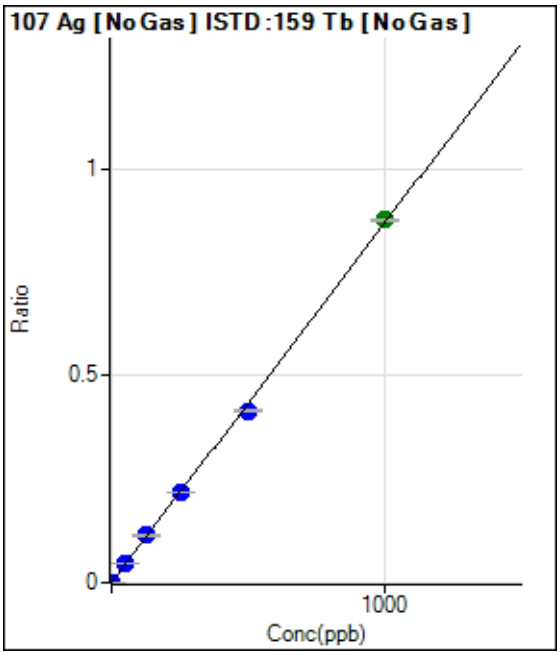
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8427.86	0.0006	P	4.6
2	☐	1.000	2.145	8797.56	0.0007	P	4.2
3	☐	50.000	56.236	21767.59	0.0018	P	2.0
4	☐	125.000	136.723	38806.84	0.0034	P	2.0
5	☐	250.000	255.177	61754.85	0.0059	P	2.3
6	☐	500.000	490.420	116050.60	0.0107	P	0.9
7	☐	1000.000	1001.717	232602.41	0.0211	P	1.0
8	☐			6635.13	0.0007	P	3.3

y = 2.0456E-005 * x + 6.3740E-004
R = 0.9999
DL = 4.312
BEC = 31.16

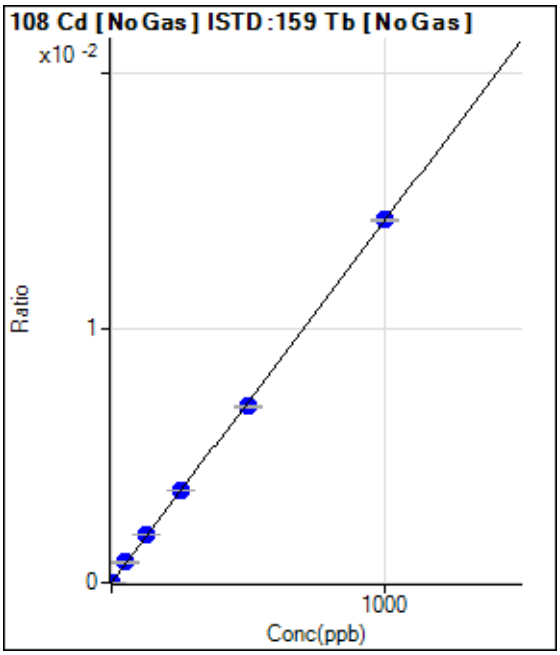
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	41.6
2	☐	1.000	1.190	13467.96	0.0010	P	2.1
3	☐	50.000	54.726	578234.33	0.0475	P	1.1
4	☐	125.000	131.497	1289609.95	0.1141	P	1.8
5	☐	250.000	251.152	2298004.52	0.2180	P	0.5
6	☐	500.000	478.247	4514308.39	0.4150	P	0.4
7	☐	1000.000	1009.540	9644715.93	0.8761	A	0.6
8	☐			1216.78	0.0001	P	10.3

y = 8.6780E-004 * x + 9.9635E-006
R = 0.9996
DL = 0.01432
BEC = 0.01148

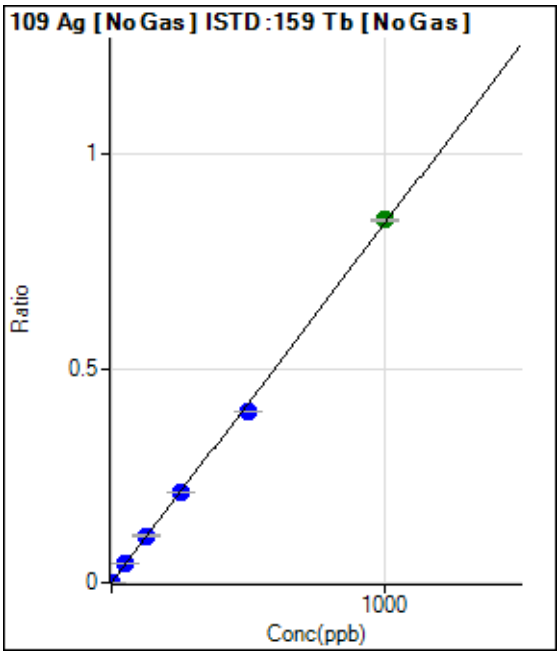
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.9
2	☐	1.000	1.175	231.95	0.0000	P	4.0
3	☐	50.000	56.326	9754.95	0.0008	P	2.7
4	☐	125.000	134.505	21602.81	0.0019	P	0.7
5	☐	250.000	256.467	38414.76	0.0036	P	0.8
6	☐	500.000	487.086	75255.82	0.0069	P	2.0
7	☐	1000.000	1003.336	156880.26	0.0143	P	0.7
8	☐			54.17	0.0000	P	54.2

y = 1.4202E-005 * x + 1.2700E-006
R = 0.9998
DL = 0.1339
BEC = 0.08942

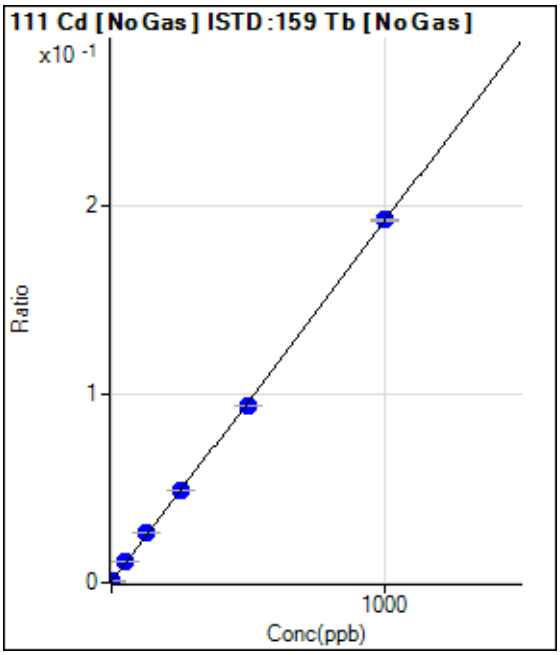
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	23.9
2	☐	1.000	1.205	13112.14	0.0010	P	2.4
3	☐	50.000	54.405	554990.42	0.0456	P	0.7
4	☐	125.000	130.788	1238505.31	0.1096	P	1.6
5	☐	250.000	250.976	2217378.48	0.2103	P	0.4
6	☐	500.000	475.954	4338121.97	0.3988	P	0.6
7	☐	1000.000	1010.835	9324880.16	0.8470	A	0.4
8	☐			1063.98	0.0001	P	14.4

y = 8.3796E-004 * x + 5.2344E-006
R = 0.9995
DL = 0.004485
BEC = 0.006247

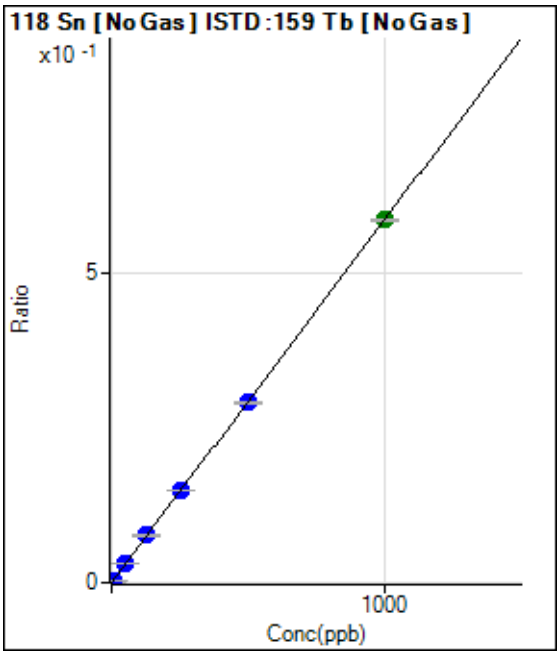
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5903.11	0.0004	P	4.7
2	☐	1.000	1.210	8751.81	0.0007	P	4.0
3	☐	50.000	55.858	135465.15	0.0111	P	1.1
4	☐	125.000	134.517	295733.20	0.0262	P	1.0
5	☐	250.000	253.316	515428.15	0.0489	P	0.2
6	☐	500.000	487.273	1018356.81	0.0936	P	0.2
7	☐	1000.000	1004.052	2118614.28	0.1924	P	0.7
8	☐			4958.07	0.0005	P	2.7

y = 1.9123E-004 * x + 4.4644E-004
R = 0.9998
DL = 0.3309
BEC = 2.335

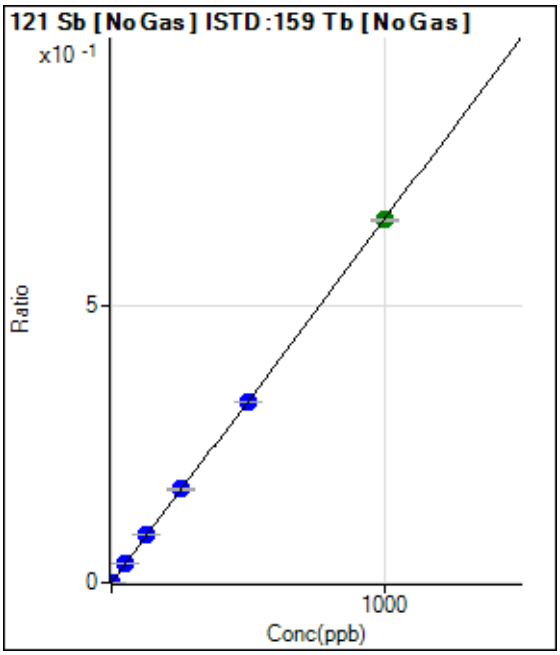
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.80	0.0000	P	11.9
2	☐	5.000	4.987	38010.76	0.0029	P	1.8
3	☐	50.000	52.618	375150.66	0.0308	P	0.6
4	☐	125.000	130.170	861111.49	0.0762	P	1.6
5	☐	250.000	254.585	1571090.62	0.1490	P	0.3
6	☐	500.000	496.096	3158121.21	0.2904	P	0.3
7	☐	1000.000	1000.029	6443033.65	0.5853	A	0.6
8	☐			3714.56	0.0004	P	4.0

y = 5.8522E-004 * x + 2.4739E-005
R = 1.0000
DL = 0.01509
BEC = 0.04227

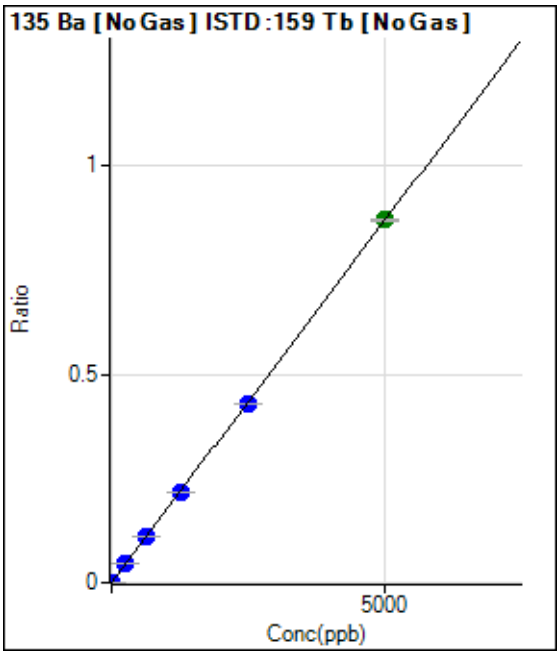
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0000	P	15.1
2	☐	2.000	1.997	17008.30	0.0013	P	3.8
3	☐	50.000	52.823	422327.83	0.0347	P	1.0
4	☐	125.000	131.540	976192.38	0.0864	P	1.6
5	☐	250.000	256.934	1779002.27	0.1687	P	0.7
6	☐	500.000	498.289	3559241.22	0.3272	P	0.3
7	☐	1000.000	998.163	7216186.45	0.6555	A	0.7
8	☐			11410.64	0.0011	P	2.5

y = 6.5669E-004 * x + 5.6551E-006
R = 1.0000
DL = 0.0039
BEC = 0.008612

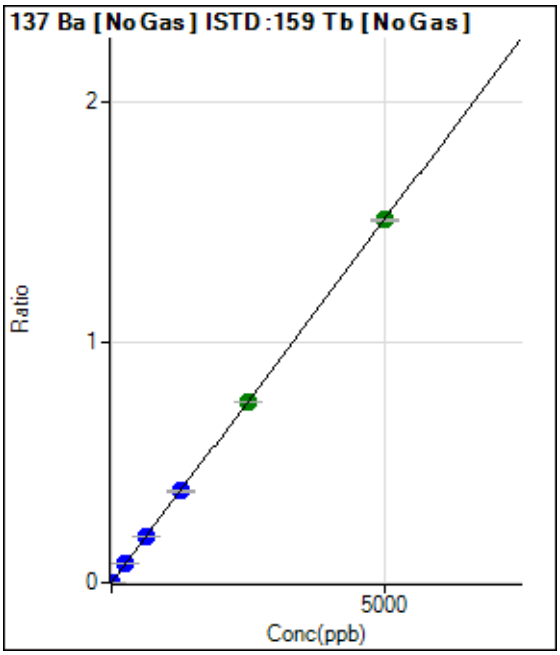
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	5.0
2	☐	10.000	10.633	23876.96	0.0018	P	2.5
3	☐	250.000	259.707	548933.15	0.0451	P	0.9
4	☐	625.000	637.293	1250499.29	0.1107	P	1.2
5	☐	1250.000	1257.910	2302865.13	0.2184	P	0.6
6	☐	2500.000	2463.276	4652203.23	0.4277	P	0.4
7	☐	5000.000	5014.361	9585049.78	0.8707	A	0.7
8	☐			1747.42	0.0002	P	5.3

y = 1.7364E-004 * x + 2.5287E-006
R = 1.0000
DL = 0.002195
BEC = 0.01456

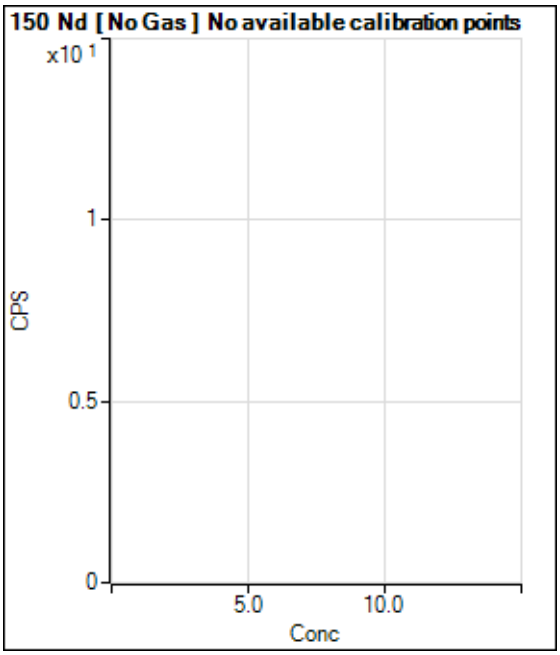
Weight: <None>
Min Conc: 0



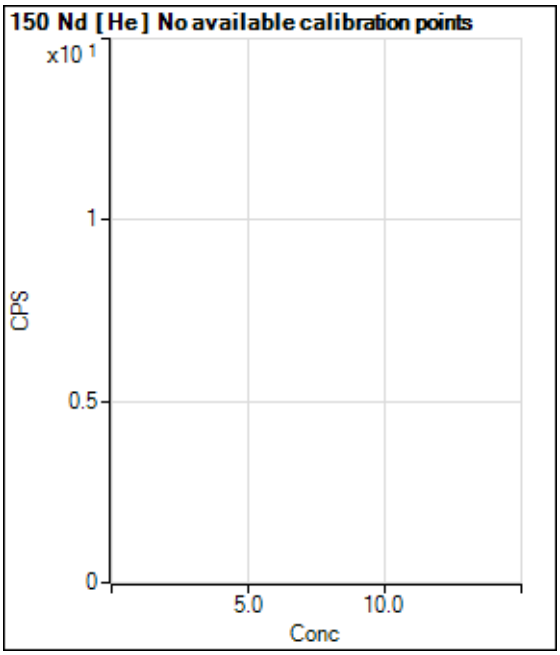
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	27.0
2	☐	10.000	10.453	40841.67	0.0032	P	2.9
3	☐	250.000	259.967	956115.73	0.0785	P	1.1
4	☐	625.000	637.100	2175233.01	0.1925	P	1.2
5	☐	1250.000	1259.796	4013028.69	0.3806	P	0.4
6	☐	2500.000	2497.307	8206771.19	0.7545	A	0.1
7	☐	5000.000	4996.886	16619929.54	1.5097	A	0.4
8	☐			3072.71	0.0003	P	15.4

y = 3.0213E-004 * x + 4.4149E-006
R = 1.0000
DL = 0.01184
BEC = 0.01461

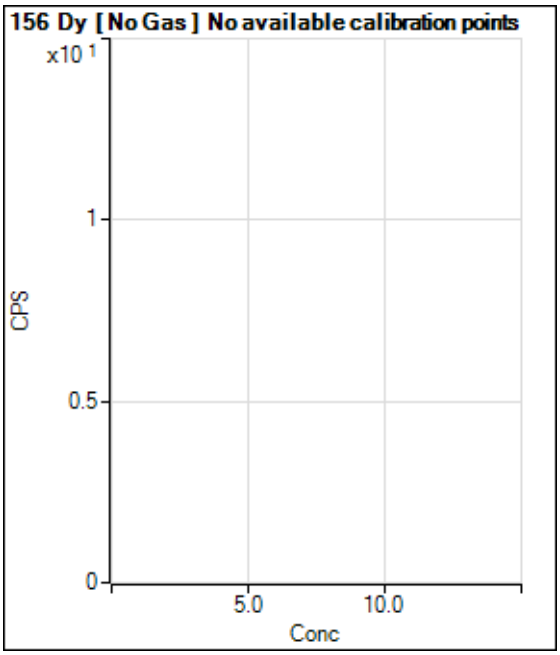
Weight: <None>
Min Conc: 0



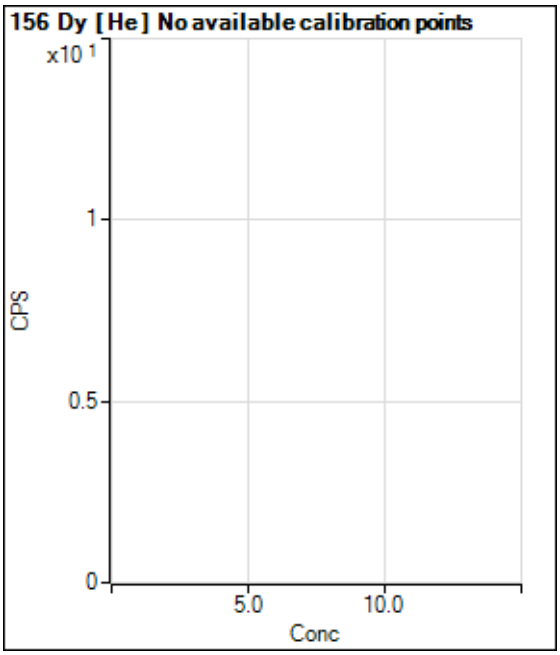
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	173.
2	☐			13.33		P	50.0
3	☐			40.00		P	16.7
4	☐			104.45		P	30.2
5	☐			200.01		P	23.3
6	☐			355.57		P	18.0
7	☐			615.59		P	10.1
8	☐			142.23		P	17.7



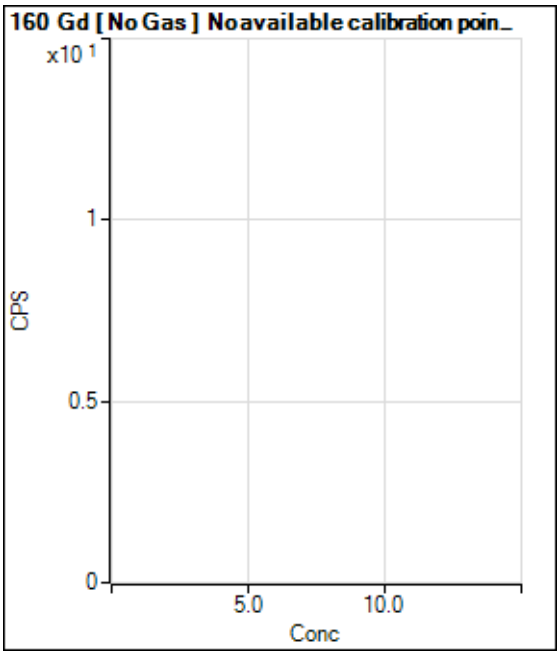
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.34		P	43.3
2	☐			8.89		P	57.3
3	☐			15.56		P	32.7
4	☐			15.56		P	53.9
5	☐			18.89		P	36.7
6	☐			42.22		P	24.1
7	☐			67.78		P	27.1
8	☐			67.78		P	25.2



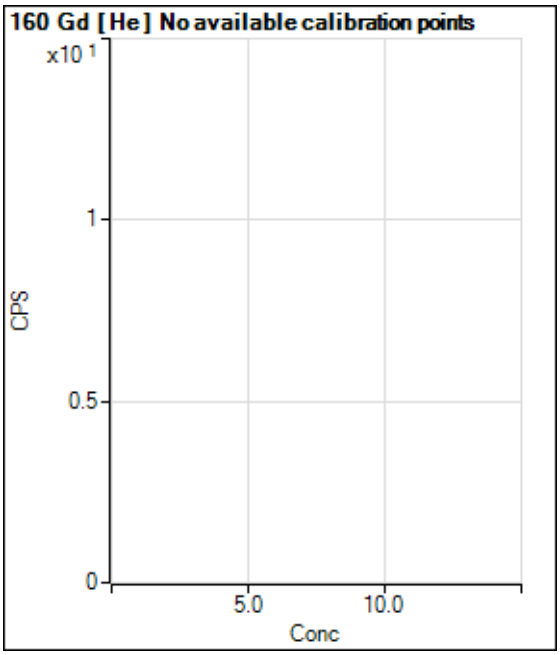
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	114.
2	☐			19.44		P	65.5
3	☐			13.89		P	34.7
4	☐			30.56		P	41.7
5	☐			44.44		P	21.7
6	☐			88.89		P	14.3
7	☐			130.56		P	13.3
8	☐			75.00		P	22.2



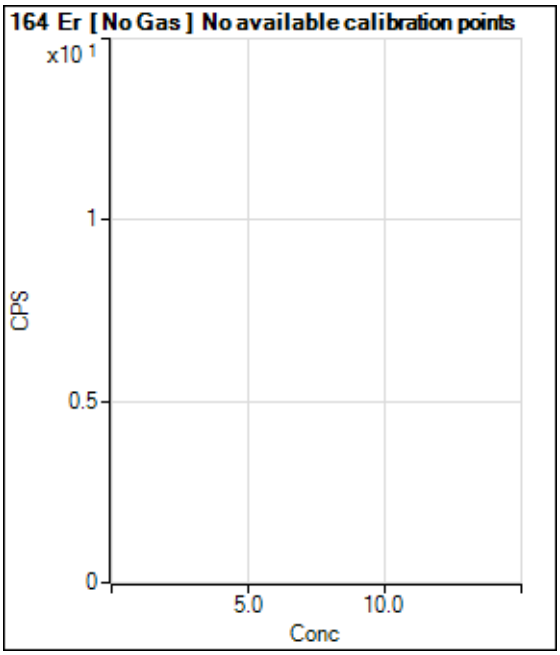
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.45		P	74.2
2	☐			17.78		P	10.8
3	☐			22.22		P	17.3
4	☐			40.00		P	30.0
5	☐			71.11		P	15.1
6	☐			116.67		P	2.9
7	☐			202.23		P	11.9
8	☐			56.67		P	25.6



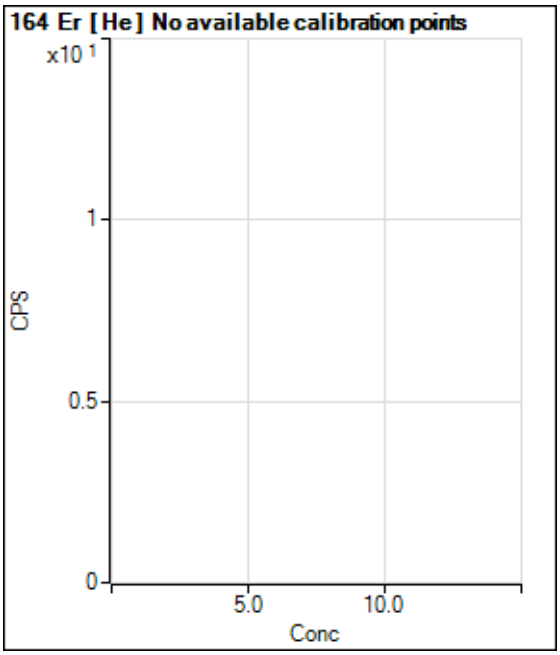
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			50.00		P	28.9
2	☐			63.89		P	66.9
3	☐			72.23		P	24.0
4	☐			91.67		P	32.8
5	☐			80.56		P	6.0
6	☐			72.22		P	40.5
7	☐			91.67		P	41.7
8	☐			105.56		P	12.1



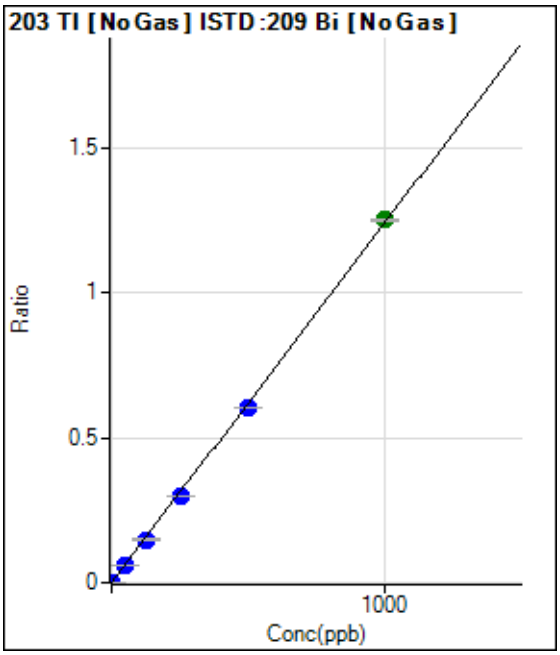
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			203.34		P	6.6
2	☐			200.00		P	13.2
3	☐			214.45		P	0.9
4	☐			165.56		P	12.9
5	☐			181.11		P	8.3
6	☐			181.12		P	20.3
7	☐			194.45		P	5.2
8	☐			225.56		P	14.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			58.34		P	0.0
2	☐			86.12		P	43.6
3	☐			52.78		P	32.9
4	☐			36.11		P	48.0
5	☐			58.34		P	37.8
6	☐			86.12		P	20.1
7	☐			61.11		P	28.4
8	☐			61.12		P	7.9



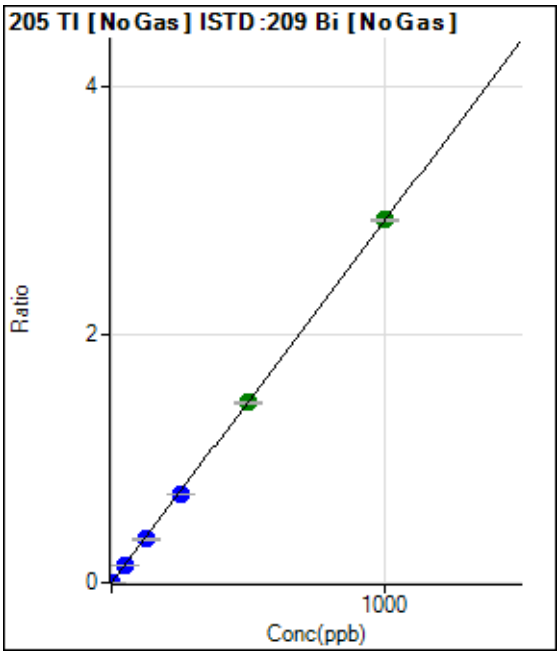
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			36.67		P	24.0
2	☐			41.11		P	30.7
3	☐			56.66		P	20.4
4	☐			58.89		P	11.8
5	☐			61.11		P	30.0
6	☐			64.44		P	33.7
7	☐			72.22		P	14.1
8	☐			68.89		P	29.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.70	0.0001	P	13.5
2	☐	1.000	0.856	9092.41	0.0011	P	4.9
3	☐	50.000	47.927	453075.97	0.0595	P	0.6
4	☐	125.000	119.161	1057944.00	0.1480	P	2.0
5	☐	250.000	242.526	2011204.62	0.3011	P	0.4
6	☐	500.000	486.800	4129013.59	0.6043	P	0.4
7	☐	1000.000	1009.302	8462555.57	1.2528	A	0.7
8	☐			2492.02	0.0004	P	16.2

y = 0.0012 * x + 5.2811E-005
R = 0.9998
DL = 0.01723
BEC = 0.04255

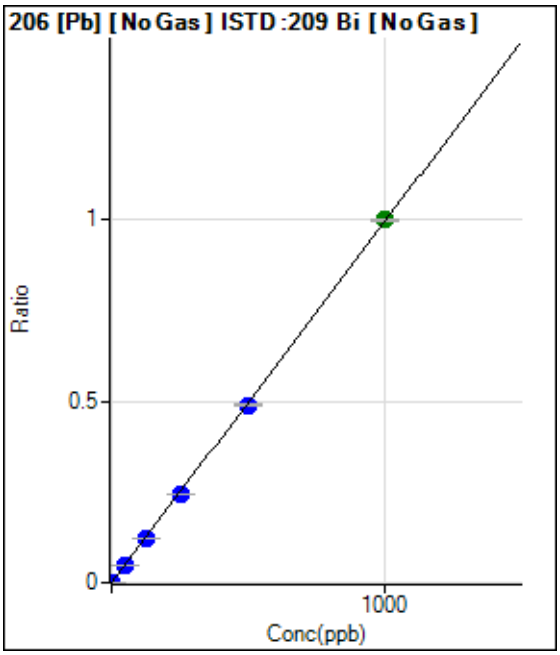
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	652.83	0.0001	P	10.0
2	☐	1.000	0.859	21053.60	0.0026	P	1.7
3	☐	50.000	48.245	1070774.12	0.1407	P	0.3
4	☐	125.000	120.513	2512426.06	0.3513	P	1.8
5	☐	250.000	244.410	4759418.38	0.7125	P	0.3
6	☐	500.000	497.470	9908649.87	1.4501	A	0.8
7	☐	1000.000	1003.311	19755428.57	2.9245	A	0.6
8	☐			5484.71	0.0010	P	11.9

y = 0.0029 * x + 7.8389E-005
R = 1.0000
DL = 0.008101
BEC = 0.02689

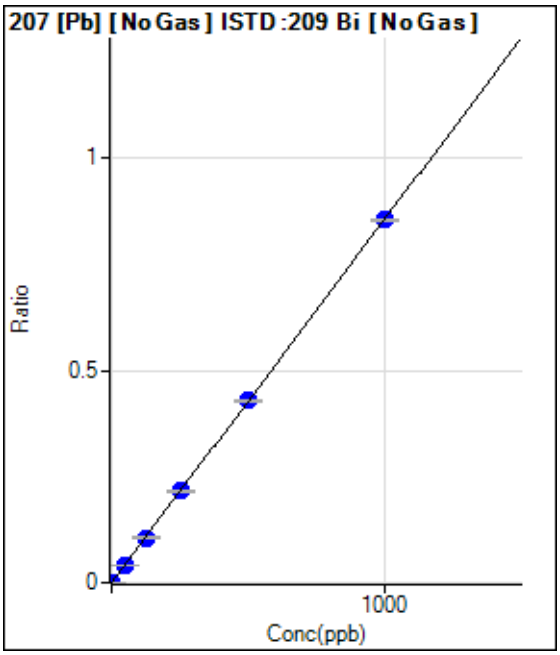
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	729.67	0.0001	P	20.9
2	☐	1.000	0.928	8230.55	0.0010	P	2.1
3	☐	50.000	48.853	369948.08	0.0486	P	1.0
4	☐	125.000	121.526	863838.18	0.1208	P	2.0
5	☐	250.000	246.538	1636513.75	0.2450	P	0.5
6	☐	500.000	491.458	3336461.71	0.4883	P	0.8
7	☐	1000.000	1005.628	6748695.23	0.9990	A	0.5
8	☐			5556.87	0.0010	P	2.7

y = 9.9335E-004 * x + 8.7839E-005
R = 0.9999
DL = 0.05532
BEC = 0.08843

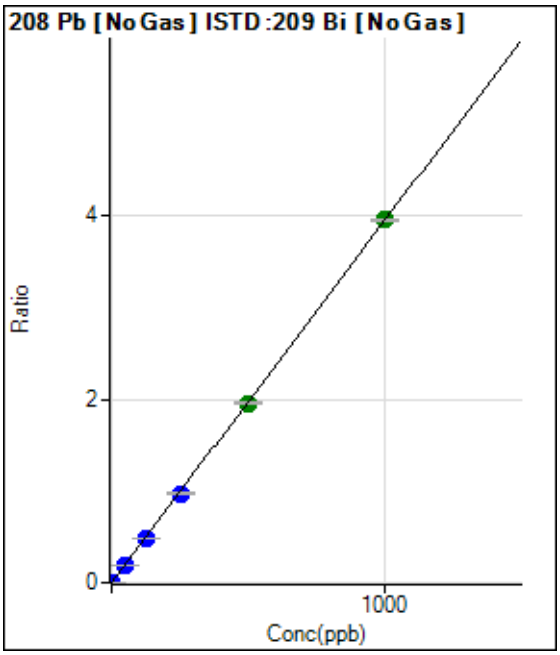
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	703.74	0.0001	P	11.4
2	☐	1.000	0.923	7120.60	0.0009	P	2.2
3	☐	50.000	49.670	323889.28	0.0426	P	0.8
4	☐	125.000	123.838	757929.16	0.1060	P	1.8
5	☐	250.000	252.314	1441962.56	0.2159	P	0.8
6	☐	500.000	501.292	2929997.84	0.4288	P	0.7
7	☐	1000.000	998.938	5771699.03	0.8544	P	0.9
8	☐			4862.16	0.0009	P	3.3

y = 8.5521E-004 * x + 8.4782E-005
R = 1.0000
DL = 0.03396
BEC = 0.09914

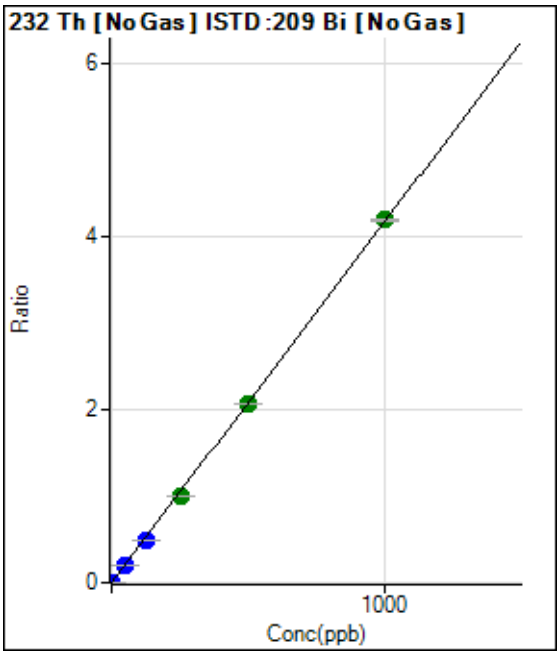
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2561.28	0.0003	P	8.6
2	☐	1.000	0.921	32136.26	0.0039	P	1.9
3	☐	50.000	48.783	1467103.01	0.1928	P	0.9
4	☐	125.000	121.734	3436995.20	0.4807	P	1.9
5	☐	250.000	247.028	6513315.02	0.9750	P	0.3
6	☐	500.000	496.312	13383937.19	1.9587	A	0.6
7	☐	1000.000	1003.056	26739189.95	3.9582	A	0.8
8	☐			21186.68	0.0038	P	2.3

y = 0.0039 * x + 3.0816E-004
R = 1.0000
DL = 0.02005
BEC = 0.0781

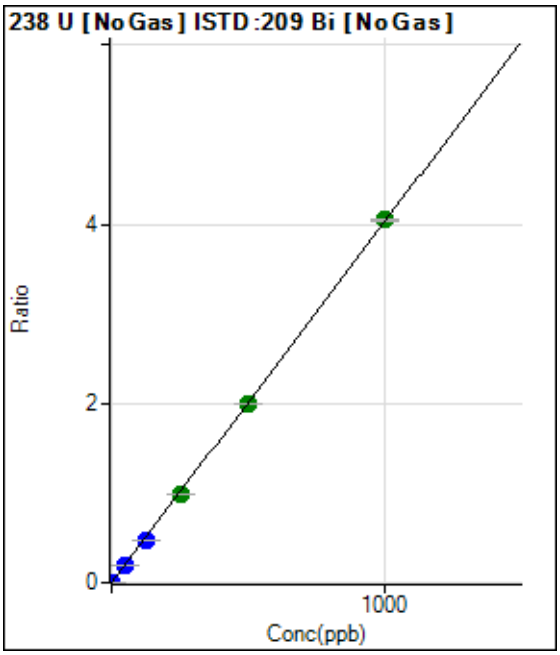
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1677.94	0.0002	P	9.8
2	☐	1.000	0.526	19542.85	0.0024	P	5.7
3	☐	50.000	45.805	1455438.05	0.1913	P	0.8
4	☐	125.000	116.357	3471766.11	0.4855	P	2.0
5	☐	250.000	241.997	6743995.23	1.0096	A	0.4
6	☐	500.000	494.712	14101407.38	2.0636	A	0.3
7	☐	1000.000	1005.935	28344261.98	4.1959	A	0.4
8	☐			8080.50	0.0014	P	9.1

y = 0.0042 * x + 2.0196E-004
R = 0.9999
DL = 0.01427
BEC = 0.04842

Weight: <None>
Min Conc: 0



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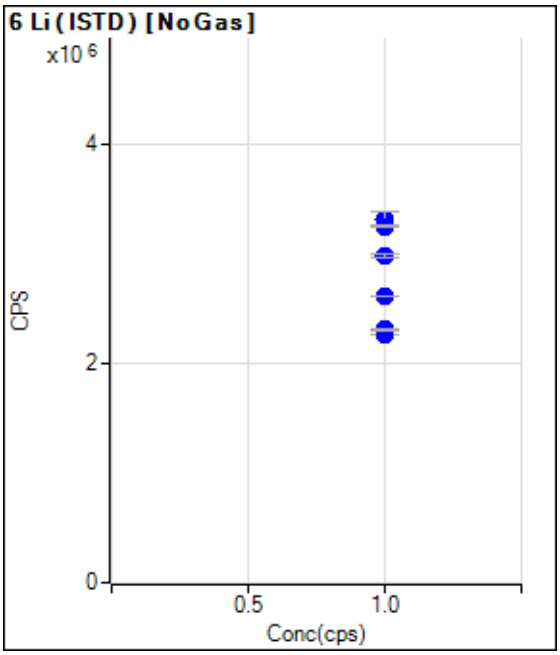
1	☐	0.000	0.000	2347.53	0.0003	P	3.6
2	☐	1.000	0.860	30525.89	0.0037	P	1.2
3	☐	50.000	45.715	1403433.53	0.1844	P	0.8
4	☐	125.000	115.333	3324257.41	0.4648	P	1.2
5	☐	250.000	243.305	6548677.14	0.9803	A	0.4
6	☐	500.000	495.548	13641783.38	1.9964	A	0.3
7	☐	1000.000	1005.323	27356431.69	4.0497	A	0.6
8	☐			5579.22	0.0010	P	9.8

y = 0.0040 * x + 2.8195E-004
R = 0.9999
DL = 0.007613
BEC = 0.07

Weight: <None>
Min Conc: 0



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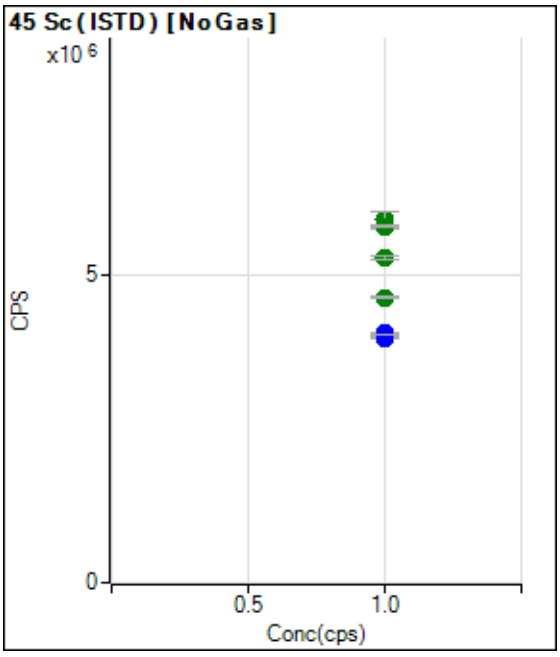
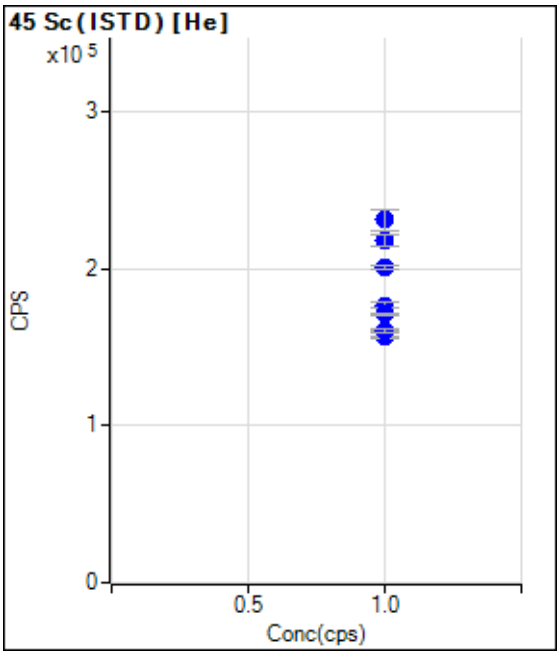
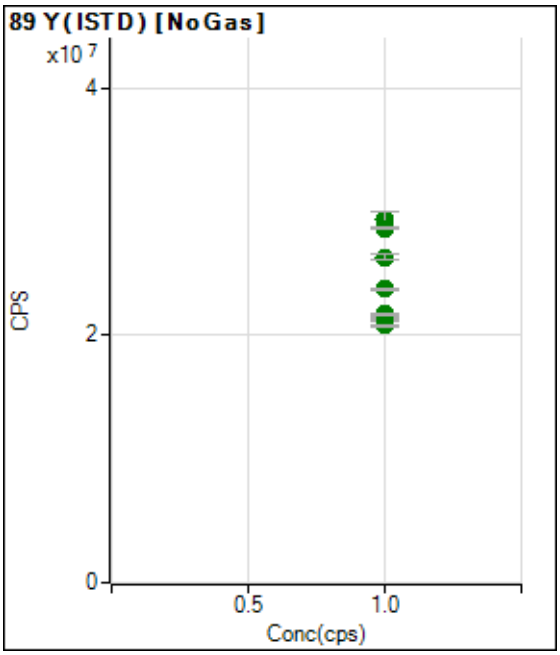
1	☐	1.000		3311879.80		P	4.2
2	☐	1.000		3255119.91		P	0.3
3	☐	1.000		2982371.13		P	1.5
4	☐	1.000		2613561.78		P	0.4
5	☐	1.000		2263974.42		P	0.7
6	☐	1.000		2265282.65		P	0.2
7	☐	1.000		2309390.19		P	0.5
8	☐	1.000		2301422.57		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5912695.62		A	4.7
2	☐	1.000		5801481.34		A	0.5
3	☐	1.000		5292356.98		A	1.1
4	☐	1.000		4653876.75		A	0.8
5	☐	1.000		3987934.68		P	0.6
6	☐	1.000		3991633.20		P	0.9
7	☐	1.000		4060053.17		P	0.5
8	☐	1.000		4036556.34		P	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		231213.66		P	5.9
2	☐	1.000		217856.27		P	3.6
3	☐	1.000		200766.62		P	0.9
4	☐	1.000		176833.84		P	2.1
5	☐	1.000		156435.70		P	0.8
6	☐	1.000		160705.14		P	0.3
7	☐	1.000		160615.04		P	1.9
8	☐	1.000		171177.81		P	0.8



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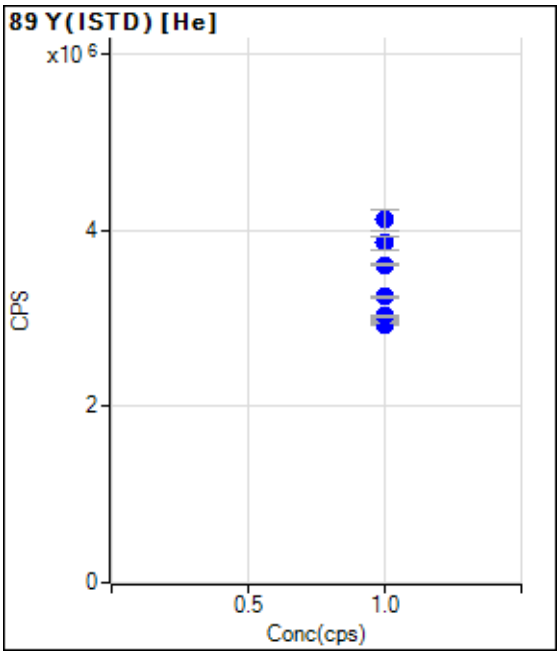
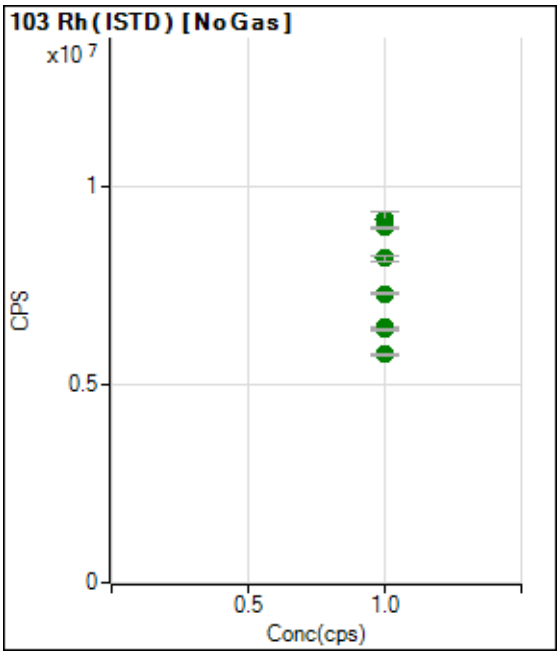
1	☐	1.000		29344671.78		A	4.6
2	☐	1.000		28695131.24		A	0.5
3	☐	1.000		26305972.94		A	1.7
4	☐	1.000		23756371.59		A	0.7
5	☐	1.000		21254032.46		A	0.5
6	☐	1.000		21506433.01		A	0.2
7	☐	1.000		21751784.68		A	0.9
8	☐	1.000		20800998.86		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4121792.86		P	5.6
2	☐	1.000		3866728.00		P	4.0
3	☐	1.000		3610490.02		P	0.6
4	☐	1.000		3248011.10		P	1.0
5	☐	1.000		2932386.55		P	0.4
6	☐	1.000		3000470.06		P	0.7
7	☐	1.000		2958014.23		P	1.3
8	☐	1.000		3031726.69		P	0.5



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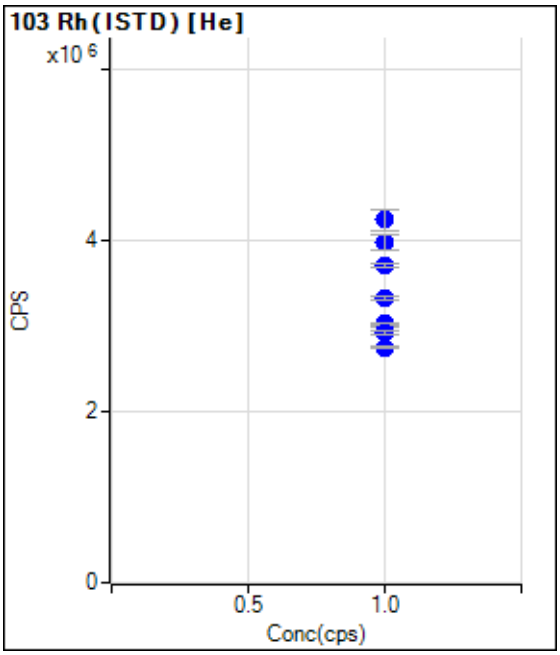
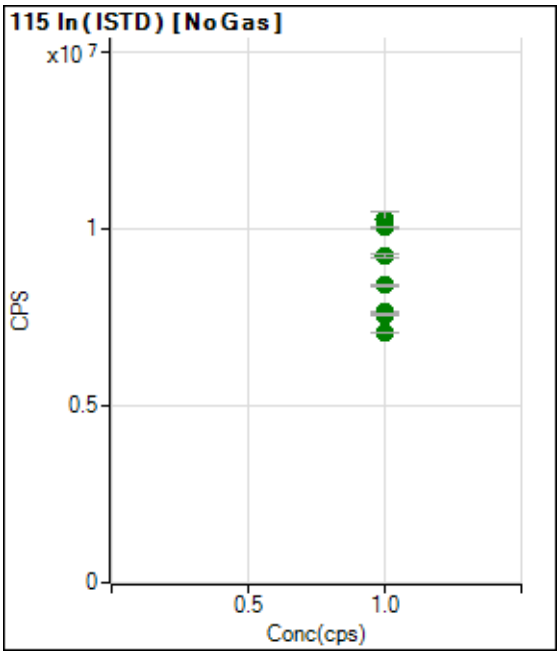
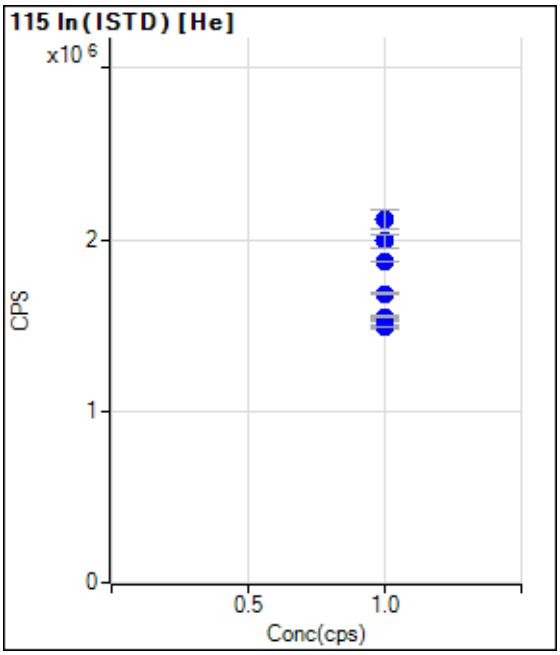
1	☐	1.000		9146265.66		A	4.6
2	☐	1.000		8956191.78		A	0.5
3	☐	1.000		8168754.26		A	1.5
4	☐	1.000		7291297.56		A	0.3
5	☐	1.000		6445046.37		A	0.4
6	☐	1.000		6436838.34		A	0.3
7	☐	1.000		6376807.00		A	1.1
8	☐	1.000		5751137.41		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4233390.91		P	5.6
2	☐	1.000		3975110.74		P	4.3
3	☐	1.000		3703589.08		P	0.8
4	☐	1.000		3320009.88		P	1.2
5	☐	1.000		2989248.64		P	0.3
6	☐	1.000		3027241.90		P	0.6
7	☐	1.000		2915762.98		P	1.6
8	☐	1.000		2746734.16		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10258691.97		A	4.7
2	☐	1.000		10069767.41		A	0.3
3	☐	1.000		9260854.74		A	1.2
4	☐	1.000		8404832.50		A	0.7
5	☐	1.000		7577550.30		A	0.4
6	☐	1.000		7641642.72		A	0.1
7	☐	1.000		7563657.92		A	0.7
8	☐	1.000		7078269.22		A	0.4



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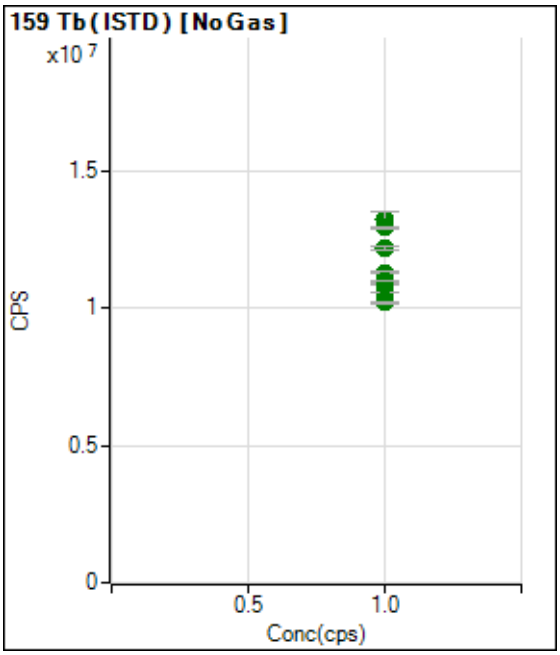
2	☐	1.000		1991388.33		P	4.2
3	☐	1.000		1870884.68		P	0.2
4	☐	1.000		1685270.81		P	0.8
5	☐	1.000		1530404.32		P	0.5
6	☐	1.000		1549834.19		P	0.7
7	☐	1.000		1491574.48		P	1.8
8	☐	1.000		1494238.74		P	0.1



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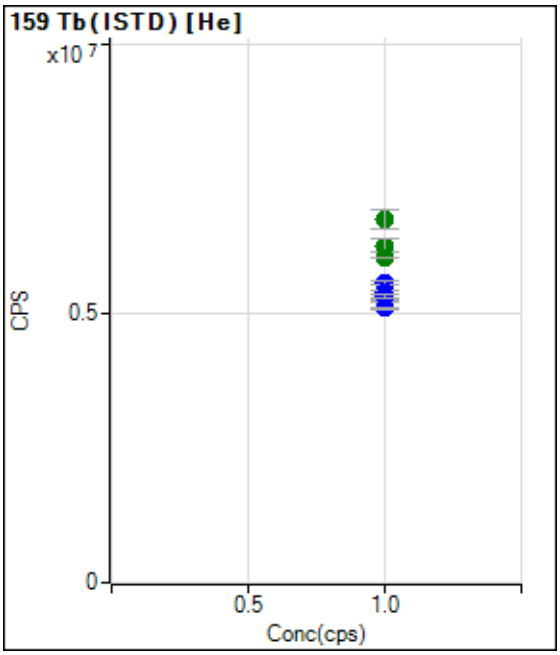
3	☐	1.000		12173343.01		A	1.5
4	☐	1.000		11301240.94		A	0.9
5	☐	1.000		10543257.55		A	0.1
6	☐	1.000		10876920.25		A	0.1
7	☐	1.000		11008721.09		A	0.2
8	☐	1.000		10193596.51		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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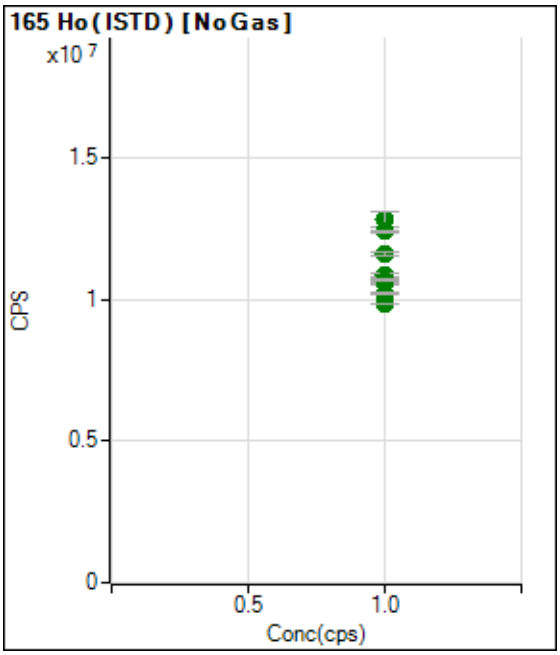
2	☐	1.000		6261026.85		A	4.2
3	☐	1.000		6038679.15		A	0.4
4	☐	1.000		5570444.08		P	0.9
5	☐	1.000		5231573.46		P	0.2
6	☐	1.000		5387996.66		P	1.0
7	☐	1.000		5307969.43		P	1.2
8	☐	1.000		5092399.82		P	0.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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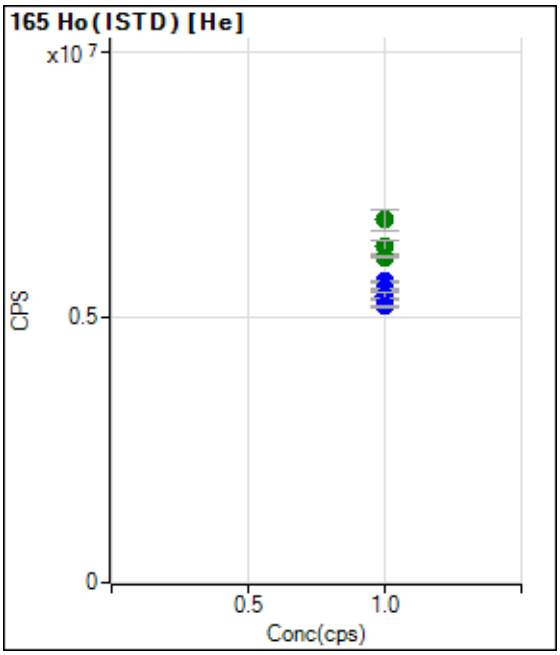
3	☐	1.000		11634462.85		A	1.1
4	☐	1.000		10882731.14		A	1.2
5	☐	1.000		10199501.10		A	0.5
6	☐	1.000		10572371.07		A	0.4
7	☐	1.000		10680521.07		A	0.7
8	☐	1.000		9865313.06		A	0.2



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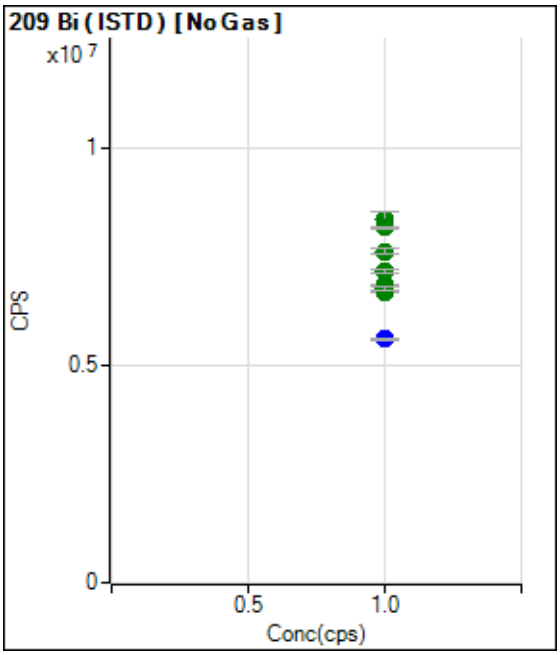
2	☐	1.000		6334801.92		A	4.0
3	☐	1.000		6134831.51		A	0.6
4	☐	1.000		5677283.18		P	0.9
5	☐	1.000		5343706.10		P	0.4
6	☐	1.000		5531290.68		P	0.5
7	☐	1.000		5418964.64		P	1.4
8	☐	1.000		5209386.38		P	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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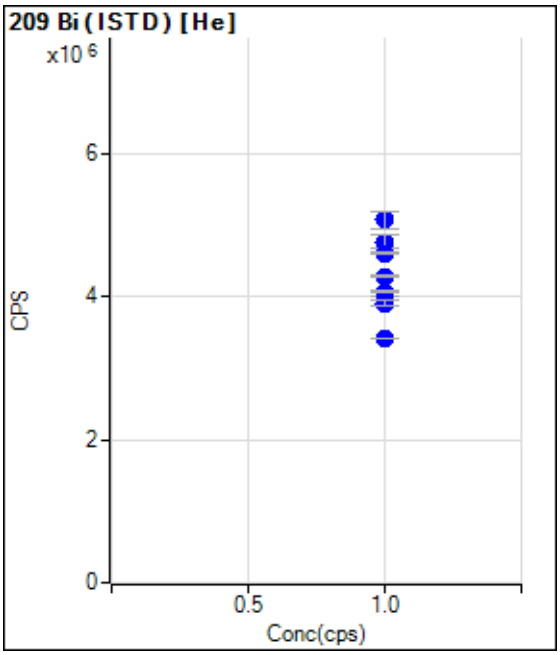
3	☐	1.000		7610232.32		A	1.5
4	☐	1.000		7152325.45		A	1.8
5	☐	1.000		6680098.79		A	0.5
6	☐	1.000		6833300.52		A	0.6
7	☐	1.000		6755344.21		A	0.9
8	☐	1.000		5586357.07		P	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	1.000		4763914.72		P	4.4
3	☐	1.000		4600011.25		P	0.4
4	☐	1.000		4282886.22		P	0.6
5	☐	1.000		3996265.01		P	0.3
6	☐	1.000		4059202.82		P	0.8
7	☐	1.000		3903947.62		P	1.7
8	☐	1.000		3411042.66		P	0.3

US EPA Tune Check Sample Report

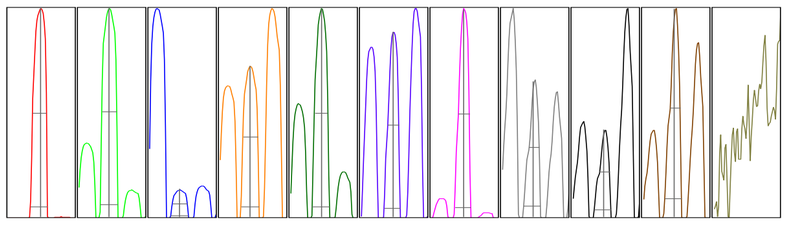
Batch Folder D:\ICP-MS Data\P7080519-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8023	0.32	5.00	
24	113436	0.22	5.00	
25	15077	0.22	5.00	
26	17431	0.27	5.00	
59	61666	0.34	5.00	
113	9029	0.79	5.00	
115	109408	0.59	5.00	
206	25066	0.25	5.00	
207	23264	0.37	5.00	
208	54459	0.38	5.00	
220	98	3.88		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8049	7995	8017	8050	8004
24	113600	113235	113574	113676	113098
25	15038	15093	15055	15124	15077
26	17481	17415	17439	17460	17359
59	61850	61680	61775	61718	61306
113	9045	9130	9011	9028	8931
115	110006	109824	109787	108732	108689
206	25096	25020	25104	25131	24981
207	23207	23204	23304	23396	23207
208	54301	54341	54726	54636	54292
220	100	94	97	96	104

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	13309	9.00	8.9 - 9.1		0.764	0.900	
24	177536	23.90	23.9 - 24.1		0.787	0.900	
25	23665	24.90	24.9 - 25.1		0.788	0.900	
26	27060	25.90	25.9 - 26.1		0.816	0.900	
59	107011	58.95	58.9 - 59.1		0.777	0.900	
113	18082	113.00	112.9 - 113.1		0.722	0.900	
115	217961	115.00	114.9 - 115.1		0.727	0.900	
206	51257	205.95	205.9 - 206.1		0.744	0.900	
207	47531	206.95	206.9 - 207.1		0.737	0.900	
208	112698	207.95	207.9 - 208.1		0.743	0.900	
220			-				

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

Tune Parameters
Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp	2	℃
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch	Dilution Gas	
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas	0.37	L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.4	V	Deflect	13.8	V
Extract 2	-95.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14423	0.34	
89	30720	0.68	
205	23046	0.24	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14460	14468	14389	14446	14355
89	30983	30837	30629	30720	30430
205	23116	22983	23077	23057	22997

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp	2	℃
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch	Dilution Gas	
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas	0.37	L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	1.4	V
Extract 2	-105.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	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	4.1	mL/min	OctP RF	190	V			

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	-0.15	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.08	-0.11	0.03	0.00	N/A	ppb
Boron	11-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.11	0.00	-0.11	0.00	N/A	ppb
Cadmium	106-1	1.42	0.02	-1.45	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	1.10	-2.11	1.01	0.00	N/A	ppb
Calcium	44-1	-0.29	-0.42	0.72	0.00	N/A	ppb
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	-0.03	0.00	0.00	N/A	ppb
Iron	57-2	-0.21	0.12	0.10	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.52	0.43	0.09	0.00	N/A	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-25.96	-25.44	-29.38	-26.93		ppb
Potassium	39-2	-0.12	-0.46	0.58	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.29	0.45	0.00	N/A	ppb
Selenium	82-1	0.03	0.17	-0.20	0.00	N/A	ppb
Silicon	28-1	-0.44	0.11	0.33	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	1.38	-0.74	-0.64	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-207.47	-46.15	220.35	-11.09		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.02	-0.01	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		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.09	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.95	18.76	12.18	16.29	22.03	ppb
Antimony	121-1	2.04	2.05	1.91	2.00	3.87	ppb
Arsenic	75-2	1.07	1.03	0.79	0.96	15.37	ppb
Barium	135-1	10.81	10.32	10.76	10.63	2.55	ppb
Barium	137-1	10.23	10.32	10.81	10.45	2.95	ppb
Beryllium	9-1	1.08	1.02	1.04	1.05	2.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	19.28	20.20	22.51	20.67	8.05	ppb
Boron	11-1	20.89	20.85	20.92	20.88	0.16	ppb
Cadmium	111-1	1.05	1.32	1.26	1.21	11.72	ppb
Cadmium	106-1	0.53	2.80	3.11	2.15	65.49	ppb
Cadmium	108-1	1.13	1.16	1.23	1.18	4.33	ppb
Calcium	43-1	469.20	472.19	470.13	470.51	0.32	ppb
Calcium	44-1	470.73	465.38	461.27	465.79	1.02	ppb
Chromium	52-2	2.00	1.79	1.40	1.73	17.78	ppb
Cobalt	59-2	1.05	0.99	0.71	0.92	20.06	ppb
Copper	63-2	1.99	1.82	1.33	1.71	20.07	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				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	52.92	49.19	37.23	46.44	17.65	ppb
Iron	57-2	53.03	53.18	39.53	48.58	16.13	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.91	0.93	2.32	ppb
Lead	207-1	0.91	0.95	0.91	0.92	2.43	ppb
Lead	208-1	0.92	0.94	0.90	0.92	2.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	516.26	479.58	359.77	451.87	18.11	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.90	0.74	0.87	13.66	ppb
Molybdenum	94-1	4.09	4.19	4.08	4.12	1.50	ppb
Molybdenum	95-1	4.74	4.70	4.73	4.72	0.49	ppb
Molybdenum	96-1	4.49	4.62	4.34	4.48	3.15	ppb
Molybdenum	97-1	4.55	4.65	4.52	4.57	1.47	ppb
Molybdenum	98-1	4.51	4.58	4.58	4.56	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.05	0.77	0.97	17.52	ppb
Phosphorus	31-2	49.30	8.77	22.71	26.93	76.46	ppb
Potassium	39-2	507.47	496.57	409.08	471.04	11.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	6.50	6.57	4.81	5.96	16.69	ppb
Selenium	78-2	5.78	6.07	5.70	5.85	3.30	ppb
Selenium	82-1	6.99	6.26	6.80	6.68	5.69	ppb
Silicon	28-1	9.70	9.49	9.27	9.49	2.27	ppb
Silver	109-1	1.22	1.22	1.17	1.21	2.37	ppb
Silver	107-1	1.19	1.22	1.17	1.19	2.11	ppb
Sodium	23-2	493.92	474.96	372.88	447.25	14.56	ppb
Strontium	86-1	1.04	0.95	1.05	1.01	5.40	ppb
Strontium	88-1	0.98	0.97	0.97	0.97	0.61	ppb
Sulfur	34-1	-31.18	-8.06	72.50	11.09	490.93	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.89	0.81	0.87	0.86	5.11	ppb
Thallium	205-1	0.84	0.87	0.86	0.86	1.73	ppb
Thorium	232-1	0.55	0.53	0.49	0.53	6.24	ppb
Tin	118-1	5.06	5.02	4.89	4.99	1.82	ppb
Titanium	47-1	4.96	4.91	5.12	5.00	2.16	ppb
Uranium	238-1	0.87	0.87	0.85	0.86	1.32	ppb
Vanadium	51-2	5.10	4.63	3.41	4.38	19.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.40	2.09	2.06	2.18	8.69	ppb
Zirconium	90-1	0.63	0.61	0.57	0.60	4.73	ppb
Zirconium	91-1	0.61	0.63	0.57	0.60	5.06	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.20	971.92	980.82	974.31	0.59	ppb
Antimony	121-1	53.36	52.27	52.84	52.82	1.03	ppb
Arsenic	75-2	54.76	54.82	54.97	54.85	0.20	ppb
Barium	135-1	260.74	256.98	261.40	259.71	0.92	ppb
Barium	137-1	262.04	256.65	261.22	259.97	1.12	ppb
Beryllium	9-1	54.98	54.95	54.93	54.95	0.04	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	46.33	49.43	47.17	47.64	3.36	ppb
Boron	11-1	43.92	47.45	45.58	45.65	3.86	ppb
Cadmium	111-1	56.60	55.49	55.48	55.86	1.16	ppb
Cadmium	106-1	56.81	57.66	54.24	56.24	3.16	ppb
Cadmium	108-1	57.87	56.33	54.77	56.33	2.75	ppb
Calcium	43-1	4846.56	4782.26	4732.06	4786.96	1.20	ppb
Calcium	44-1	4798.70	4799.11	4767.57	4788.46	0.38	ppb
Chromium	52-2	50.68	50.78	50.37	50.61	0.42	ppb
Cobalt	59-2	52.18	52.02	51.99	52.07	0.19	ppb
Copper	63-2	100.12	100.46	100.08	100.22	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	2578.14	2601.89	2584.81	2588.28	0.47	ppb
Iron	57-2	2581.45	2597.06	2591.79	2590.10	0.31	ppb
Krypton	83-1						cps
Lead	206-1	48.37	48.86	49.33	48.85	0.99	ppb
Lead	207-1	49.51	49.37	50.13	49.67	0.81	ppb
Lead	208-1	48.47	48.59	49.29	48.78	0.90	ppb
Lithium	6-1				90		%
Magnesium	24-2	5062.19	5078.84	5039.04	5060.02	0.40	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.29	100.55	99.56	99.80	0.67	ppb
Molybdenum	94-1	247.50	249.23	251.89	249.54	0.89	ppb
Molybdenum	95-1	248.99	248.15	251.82	249.65	0.77	ppb
Molybdenum	96-1	248.80	249.42	249.98	249.40	0.24	ppb
Molybdenum	97-1	247.70	249.29	248.30	248.43	0.32	ppb
Molybdenum	98-1	246.66	248.13	247.82	247.53	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.23	52.76	53.08	53.02	0.45	ppb
Phosphorus	31-2	1113.13	1101.56	1052.89	1089.19	2.94	ppb
Potassium	39-2	2488.71	2519.36	2518.65	2508.91	0.70	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	63.20	59.36	60.78	61.11	3.18	ppb
Selenium	78-2	60.90	58.77	62.07	60.58	2.76	ppb
Selenium	82-1	63.87	63.48	63.14	63.50	0.57	ppb
Silicon	28-1	51.71	51.76	51.67	51.71	0.09	ppb
Silver	109-1	54.46	53.98	54.78	54.40	0.74	ppb
Silver	107-1	55.39	54.20	54.59	54.73	1.10	ppb
Sodium	23-2	4996.26	5006.24	5001.20	5001.23	0.10	ppb
Strontium	86-1	49.50	50.67	50.64	50.27	1.32	ppb
Strontium	88-1	49.75	49.89	49.85	49.83	0.14	ppb
Sulfur	34-1	1065.81	1119.33	1178.34	1121.16	5.02	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	47.88	47.66	48.24	47.93	0.61	ppb
Thallium	205-1	48.13	48.38	48.23	48.24	0.26	ppb
Thorium	232-1	46.11	45.38	45.93	45.80	0.83	ppb
Tin	118-1	52.98	52.34	52.53	52.62	0.63	ppb
Titanium	47-1	247.34	244.41	247.90	246.55	0.76	ppb
Uranium	238-1	45.89	45.30	45.96	45.71	0.80	ppb
Vanadium	51-2	51.10	50.23	50.02	50.45	1.13	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.13	107.80	107.42	107.45	0.31	ppb
Zirconium	90-1	49.39	49.19	49.27	49.29	0.19	ppb
Zirconium	91-1	50.21	50.53	50.07	50.27	0.47	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2433.22	2454.36	2451.15	2446.24	0.47	ppb
Antimony	121-1	132.52	133.01	129.08	131.54	1.63	ppb
Arsenic	75-2	133.21	132.29	132.23	132.57	0.41	ppb
Barium	135-1	639.50	643.62	628.77	637.29	1.20	ppb
Barium	137-1	641.61	641.64	628.05	637.10	1.23	ppb
Beryllium	9-1	134.51	134.48	131.91	133.63	1.11	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	120.75	118.54	119.54	119.61	0.92	ppb
Boron	11-1	120.67	119.90	119.13	119.90	0.64	ppb
Cadmium	111-1	135.17	135.39	133.00	134.52	0.98	ppb
Cadmium	106-1	137.16	139.87	133.14	136.72	2.47	ppb
Cadmium	108-1	134.56	133.54	135.41	134.50	0.70	ppb
Calcium	43-1	12216.96	12086.74	11905.44	12069.71	1.30	ppb
Calcium	44-1	12113.98	12091.72	11823.62	12009.77	1.35	ppb
Chromium	52-2	124.25	125.73	126.62	125.53	0.95	ppb
Cobalt	59-2	127.22	129.03	129.01	128.42	0.81	ppb
Copper	63-2	243.25	246.14	249.36	246.25	1.24	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				85		%
Holmium	165-2				83		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	56-2	6383.78	6416.81	6512.18	6437.59	1.04	ppb
Iron	57-2	6479.83	6586.87	6604.31	6557.00	1.03	ppb
Krypton	83-1						cps
Lead	206-1	123.79	121.82	118.97	121.53	2.00	ppb
Lead	207-1	126.18	123.59	121.75	123.84	1.80	ppb
Lead	208-1	123.94	121.93	119.34	121.73	1.90	ppb
Lithium	6-1				79		%
Magnesium	24-2	12487.14	12627.12	12787.73	12634.00	1.19	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	246.81	251.69	254.32	250.94	1.52	ppb
Molybdenum	94-1	622.52	626.59	612.20	620.44	1.20	ppb
Molybdenum	95-1	625.13	628.98	611.54	621.88	1.47	ppb
Molybdenum	96-1	624.01	624.43	606.06	618.17	1.70	ppb
Molybdenum	97-1	623.19	627.58	610.88	620.55	1.40	ppb
Molybdenum	98-1	621.31	623.40	604.50	616.40	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.60	130.14	132.73	130.83	1.28	ppb
Phosphorus	31-2	2587.27	2769.03	2674.11	2676.80	3.40	ppb
Potassium	39-2	6165.88	6249.49	6276.17	6230.51	0.92	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				79		%
Scandium	45-2				76		%
Selenium	77-2	154.36	144.62	153.95	150.98	3.65	ppb
Selenium	78-2	142.52	148.24	145.30	145.35	1.97	ppb
Selenium	82-1	141.44	144.40	144.17	143.34	1.15	ppb
Silicon	28-1	130.46	133.16	127.07	130.23	2.34	ppb
Silver	109-1	132.06	132.00	128.30	130.79	1.65	ppb
Silver	107-1	132.97	132.77	128.75	131.50	1.81	ppb
Sodium	23-2	12276.12	12493.23	12629.70	12466.35	1.43	ppb
Strontium	86-1	126.97	125.74	122.61	125.10	1.80	ppb
Strontium	88-1	125.03	124.86	122.63	124.17	1.08	ppb
Sulfur	34-1	3131.87	3118.79	2832.43	3027.70	5.59	ppb
Terbium	159-1				86		%
Terbium	159-2				83		%
Thallium	203-1	121.44	119.36	116.68	119.16	2.00	ppb
Thallium	205-1	122.80	120.24	118.50	120.51	1.79	ppb
Thorium	232-1	118.09	117.29	113.69	116.36	2.01	ppb
Tin	118-1	131.46	131.31	127.74	130.17	1.62	ppb
Titanium	47-1	616.00	617.84	610.01	614.62	0.67	ppb
Uranium	238-1	116.39	115.79	113.82	115.33	1.17	ppb
Vanadium	51-2	121.76	123.58	125.57	123.64	1.54	ppb
Yttrium	89-1				81		%
Yttrium	89-2				79		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	251.00	257.53	260.46	256.33	1.89	ppb
Zirconium	90-1	124.11	123.83	120.72	122.88	1.53	ppb
Zirconium	91-1	125.39	125.63	124.91	125.31	0.29	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4879.75	4961.42	4916.74	4919.30	0.83	ppb
Antimony	121-1	254.79	258.35	257.66	256.93	0.73	ppb
Arsenic	75-2	253.31	252.01	251.51	252.28	0.37	ppb
Barium	135-1	1250.25	1257.31	1266.17	1257.91	0.63	ppb
Barium	137-1	1258.46	1255.88	1265.05	1259.80	0.38	ppb
Beryllium	9-1	262.83	262.08	263.01	262.64	0.19	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	243.52	253.59	254.74	250.62	2.46	ppb
Boron	11-1	243.19	243.68	260.10	248.99	3.86	ppb
Cadmium	111-1	253.74	253.29	252.92	253.32	0.16	ppb
Cadmium	106-1	259.74	247.69	258.10	255.18	2.56	ppb
Cadmium	108-1	258.62	254.26	256.52	256.47	0.85	ppb
Calcium	43-1	24718.38	24965.32	24898.54	24860.75	0.51	ppb
Calcium	44-1	25049.41	24917.11	25099.41	25021.98	0.38	ppb
Chromium	52-2	250.10	254.97	249.92	251.66	1.14	ppb
Cobalt	59-2	255.70	259.11	255.46	256.76	0.80	ppb
Copper	63-2	487.12	493.24	484.56	488.30	0.91	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				80		%
Holmium	165-2				78		%
Indium	115-1				74		%
Indium	115-2				72		%
Iron	56-2	13056.44	13090.94	12939.02	13028.80	0.61	ppb
Iron	57-2	13318.15	13351.87	13089.21	13253.07	1.08	ppb
Krypton	83-1						cps
Lead	206-1	247.93	245.35	246.33	246.54	0.53	ppb
Lead	207-1	254.64	251.35	250.95	252.31	0.80	ppb
Lead	208-1	247.86	246.48	246.75	247.03	0.30	ppb
Lithium	6-1				68		%
Magnesium	24-2	25423.05	25641.93	25322.08	25462.35	0.64	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.00	507.64	503.37	506.00	0.46	ppb
Molybdenum	94-1	1243.99	1239.88	1245.26	1243.04	0.23	ppb
Molybdenum	95-1	1248.04	1248.67	1250.97	1249.23	0.12	ppb
Molybdenum	96-1	1245.50	1231.52	1247.39	1241.47	0.70	ppb
Molybdenum	97-1	1243.90	1242.65	1247.47	1244.68	0.20	ppb
Molybdenum	98-1	1249.52	1251.22	1244.95	1248.56	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.06	259.78	256.08	258.97	1.00	ppb
Phosphorus	31-2	4944.28	4931.48	5173.59	5016.45	2.72	ppb
Potassium	39-2	12450.45	12562.17	12348.37	12453.66	0.86	ppb
Rhodium	103-1				70		%
Rhodium	103-2				71		%
Scandium	45-1				67		%
Scandium	45-2				68		%
Selenium	77-2	266.98	242.30	265.94	258.41	5.40	ppb
Selenium	78-2	260.15	258.67	253.51	257.44	1.35	ppb
Selenium	82-1	266.58	261.19	264.81	264.19	1.04	ppb
Silicon	28-1	258.65	262.35	263.53	261.51	0.97	ppb
Silver	109-1	250.70	250.17	252.06	250.98	0.39	ppb
Silver	107-1	252.23	251.59	249.63	251.15	0.54	ppb
Sodium	23-2	25483.24	25547.93	25113.18	25381.45	0.92	ppb
Strontium	86-1	252.68	253.06	253.19	252.97	0.10	ppb
Strontium	88-1	248.51	247.87	249.39	248.59	0.31	ppb
Sulfur	34-1	5735.46	5680.56	5654.50	5690.17	0.73	ppb
Terbium	159-1				80		%
Terbium	159-2				78		%
Thallium	203-1	241.44	242.79	243.35	242.53	0.41	ppb
Thallium	205-1	245.14	243.74	244.35	244.41	0.29	ppb
Thorium	232-1	241.78	241.11	243.10	242.00	0.42	ppb
Tin	118-1	255.02	255.05	253.69	254.59	0.30	ppb
Titanium	47-1	1266.55	1265.04	1268.35	1266.65	0.13	ppb
Uranium	238-1	242.42	244.27	243.23	243.30	0.38	ppb
Vanadium	51-2	248.58	252.71	248.64	249.98	0.95	ppb
Yttrium	89-1				72		%
Yttrium	89-2				71		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	488.68	490.52	485.47	488.22	0.52	ppb
Zirconium	90-1	248.28	248.97	247.61	248.28	0.27	ppb
Zirconium	91-1	253.15	251.60	252.87	252.54	0.33	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9644.73	9663.67	9659.57	9655.99	0.10	ppb
Antimony	121-1	496.47	498.94	499.46	498.29	0.32	ppb
Arsenic	75-2	495.19	494.06	497.32	495.53	0.33	ppb
Barium	135-1	2472.35	2463.03	2454.45	2463.28	0.36	ppb
Barium	137-1	2499.36	2498.69	2493.87	2497.31	0.12	ppb
Beryllium	9-1	509.92	511.86	508.55	510.11	0.33	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	494.59	500.85	507.98	501.14	1.34	ppb
Boron	11-1	491.77	500.51	505.82	499.37	1.42	ppb
Cadmium	111-1	487.14	488.10	486.58	487.27	0.16	ppb
Cadmium	106-1	491.50	494.65	485.11	490.42	0.99	ppb
Cadmium	108-1	482.80	480.48	497.98	487.09	1.95	ppb
Calcium	43-1	49604.66	49897.81	49379.60	49627.36	0.52	ppb
Calcium	44-1	49857.11	50289.72	49560.04	49902.29	0.74	ppb
Chromium	52-2	491.85	496.69	497.70	495.41	0.63	ppb
Cobalt	59-2	495.43	498.64	500.53	498.20	0.52	ppb
Copper	63-2	943.10	947.96	952.16	947.74	0.48	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				82		%
Holmium	165-2				81		%
Indium	115-1				74		%
Indium	115-2				73		%
Iron	56-2	25608.13	25671.00	25770.03	25683.05	0.32	ppb
Iron	57-2	25933.53	25914.07	26025.04	25957.55	0.23	ppb
Krypton	83-1						cps
Lead	206-1	495.73	488.01	490.64	491.46	0.80	ppb
Lead	207-1	504.94	497.92	501.02	501.29	0.70	ppb
Lead	208-1	499.39	493.17	496.38	496.31	0.63	ppb
Lithium	6-1				68		%
Magnesium	24-2	50797.21	50420.47	50543.82	50587.17	0.38	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.66	993.33	1001.74	995.91	0.51	ppb
Molybdenum	94-1	2490.30	2496.94	2499.05	2495.43	0.18	ppb
Molybdenum	95-1	2497.76	2497.57	2501.81	2499.05	0.10	ppb
Molybdenum	96-1	2488.99	2492.78	2512.30	2498.02	0.50	ppb
Molybdenum	97-1	2480.83	2491.74	2504.52	2492.36	0.48	ppb
Molybdenum	98-1	2491.44	2487.30	2504.34	2494.36	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.98	501.64	503.03	500.55	0.63	ppb
Phosphorus	31-2	10263.68	9624.76	10044.98	9977.80	3.25	ppb
Potassium	39-2	24408.26	24523.88	24601.87	24511.34	0.40	ppb
Rhodium	103-1				70		%
Rhodium	103-2				72		%
Scandium	45-1				68		%
Scandium	45-2				70		%
Selenium	77-2	509.97	508.41	493.95	504.11	1.75	ppb
Selenium	78-2	486.66	484.50	506.64	492.60	2.48	ppb
Selenium	82-1	512.62	513.26	516.33	514.07	0.39	ppb
Silicon	28-1	505.86	508.19	506.25	506.77	0.25	ppb
Silver	109-1	474.80	473.70	479.37	475.95	0.63	ppb
Silver	107-1	478.65	476.31	479.78	478.25	0.37	ppb
Sodium	23-2	50313.31	50039.12	50297.34	50216.59	0.31	ppb
Strontium	86-1	495.15	504.63	501.98	500.59	0.98	ppb
Strontium	88-1	494.91	502.00	498.14	498.35	0.71	ppb
Sulfur	34-1	10221.66	10196.94	10047.10	10155.23	0.93	ppb
Terbium	159-1				82		%
Terbium	159-2				80		%
Thallium	203-1	488.25	484.78	487.37	486.80	0.37	ppb
Thallium	205-1	501.85	494.36	496.20	497.47	0.79	ppb
Thorium	232-1	494.49	496.52	493.13	494.71	0.34	ppb
Tin	118-1	495.71	497.67	494.90	496.10	0.29	ppb
Titanium	47-1	2503.02	2522.62	2487.76	2504.47	0.70	ppb
Uranium	238-1	494.78	497.14	494.72	495.55	0.28	ppb
Vanadium	51-2	488.25	490.35	494.21	490.93	0.62	ppb
Yttrium	89-1				73		%
Yttrium	89-2				73		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	941.90	934.01	940.69	938.87	0.45	ppb
Zirconium	90-1	496.71	497.95	496.66	497.11	0.15	ppb
Zirconium	91-1	499.01	498.18	498.30	498.50	0.09	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19781.13	19898.11	19295.28	19658.17	1.63	ppb
Antimony	121-1	990.33	1002.23	1001.92	998.16	0.68	ppb
Arsenic	75-2	1004.99	1003.07	993.38	1000.48	0.62	ppb
Barium	135-1	4975.64	5033.69	5033.75	5014.36	0.67	ppb
Barium	137-1	4986.76	5021.34	4982.56	4996.89	0.43	ppb
Beryllium	9-1	989.19	990.63	991.55	990.46	0.12	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	984.25	1010.16	1006.12	1000.18	1.39	ppb
Boron	11-1	992.60	1008.15	1003.83	1001.53	0.80	ppb
Cadmium	111-1	997.04	1003.19	1011.93	1004.05	0.75	ppb
Cadmium	106-1	989.84	1005.75	1009.56	1001.72	1.04	ppb
Cadmium	108-1	995.02	1005.44	1009.54	1003.34	0.75	ppb
Calcium	43-1	99024.94	99061.35	98811.01	98965.77	0.14	ppb
Calcium	44-1	100022.33	100555.81	100554.70	100377.61	0.31	ppb
Chromium	52-2	1011.84	1009.11	984.40	1001.78	1.51	ppb
Cobalt	59-2	1005.00	1011.01	980.03	998.68	1.64	ppb
Copper	63-2	2039.75	2050.30	1998.49	2029.51	1.35	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				83		%
Holmium	165-2				79		%
Indium	115-1				74		%
Indium	115-2				70		%
Iron	56-2	52453.31	52233.46	50709.08	51798.61	1.83	ppb
Iron	57-2	52373.88	52621.07	51073.50	52022.82	1.60	ppb
Krypton	83-1						cps
Lead	206-1	1006.69	1000.61	1009.58	1005.63	0.46	ppb
Lead	207-1	993.08	994.65	1009.08	998.94	0.88	ppb
Lead	208-1	998.36	998.93	1011.87	1003.06	0.76	ppb
Lithium	6-1				70		%
Magnesium	24-2	104052.01	104044.35	100982.10	103026.16	1.72	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2019.60	2015.29	1966.42	2000.44	1.48	ppb
Molybdenum	94-1	5009.01	5004.84	5000.00	5004.62	0.09	ppb
Molybdenum	95-1	5003.63	4992.98	5006.62	5001.08	0.14	ppb
Molybdenum	96-1	5013.77	4979.33	5018.92	5004.01	0.43	ppb
Molybdenum	97-1	5010.37	4985.71	5021.27	5005.78	0.36	ppb
Molybdenum	98-1	4992.51	4970.29	5050.33	5004.38	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.91	1006.95	978.95	996.60	1.54	ppb
Phosphorus	31-2	20115.69	20397.35	19428.24	19980.42	2.50	ppb
Potassium	39-2	51088.19	50765.68	49590.26	50481.38	1.56	ppb
Rhodium	103-1				70		%
Rhodium	103-2				69		%
Scandium	45-1				69		%
Scandium	45-2				69		%
Selenium	77-2	997.74	963.05	1015.31	992.03	2.68	ppb
Selenium	78-2	1002.57	1003.59	990.13	998.76	0.75	ppb
Selenium	82-1	995.63	979.16	984.53	986.44	0.85	ppb
Silicon	28-1	986.91	993.50	998.61	993.00	0.59	ppb
Silver	109-1	1006.91	1014.65	1010.94	1010.83	0.38	ppb
Silver	107-1	1003.17	1010.50	1014.95	1009.54	0.59	ppb
Sodium	23-2	104168.67	104357.57	100916.30	103147.51	1.88	ppb
Strontium	86-1	1006.91	999.50	990.40	998.94	0.83	ppb
Strontium	88-1	1004.48	1001.01	998.38	1001.29	0.31	ppb
Sulfur	34-1	19747.80	19678.19	19607.47	19677.82	0.36	ppb
Terbium	159-1				83		%
Terbium	159-2				79		%
Thallium	203-1	1017.45	1003.99	1006.47	1009.30	0.71	ppb
Thallium	205-1	1008.05	996.11	1005.77	1003.31	0.63	ppb
Thorium	232-1	1008.13	1001.01	1008.67	1005.94	0.43	ppb
Tin	118-1	994.24	1005.65	1000.20	1000.03	0.57	ppb
Titanium	47-1	4981.53	5004.88	4998.81	4995.08	0.24	ppb
Uranium	238-1	1010.61	999.24	1006.11	1005.32	0.57	ppb
Vanadium	51-2	1014.66	1012.92	986.49	1004.69	1.57	ppb
Yttrium	89-1				74		%
Yttrium	89-2				72		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2055.81	2045.82	1995.41	2032.35	1.59	ppb
Zirconium	90-1	1004.56	1001.69	1000.27	1002.18	0.22	ppb
Zirconium	91-1	1002.15	1001.04	997.01	1000.07	0.27	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99869.33	100665.99	99789.89	100108.40	0.48	ppb
Antimony	121-1	1.67	1.74	1.67	1.70	2.46	ppb
Arsenic	75-2	1.13	1.37	1.55	1.35	15.74	ppb
Barium	135-1	1.02	0.99	0.91	0.97	5.42	ppb
Barium	137-1	1.13	1.00	0.82	0.98	15.61	ppb
Beryllium	9-1	0.23	0.20	0.16	0.20	16.20	ppb
Bismuth	209-1				67		%
Bismuth	209-2				67		%
Boron	10-1	56.70	57.04	52.31	55.35	4.76	ppb
Boron	11-1	58.68	56.23	53.38	56.10	4.73	ppb
Cadmium	111-1	0.29	0.16	0.18	0.21	33.29	ppb
Cadmium	106-1	1.86	0.06	0.07	0.66	156.02	ppb
Cadmium	108-1	0.49	0.28	0.08	0.29	71.21	ppb
Calcium	43-1	497819.52	499632.04	503340.41	500263.99	0.56	ppb
Calcium	44-1	499909.64	498672.87	501260.15	499947.55	0.26	ppb
Chromium	52-2	15.07	14.53	14.45	14.68	2.29	ppb
Cobalt	59-2	11.51	11.67	11.64	11.60	0.72	ppb
Copper	63-2	2.14	2.27	2.27	2.23	3.25	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				77		%
Holmium	165-2				76		%
Indium	115-1				69		%
Indium	115-2				71		%
Iron	56-2	248966.30	249846.25	249807.33	249539.96	0.20	ppb
Iron	57-2	249027.62	250233.65	249099.09	249453.45	0.27	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.90	0.90	0.91	2.91	ppb
Lead	207-1	0.96	0.90	0.90	0.92	3.62	ppb
Lead	208-1	0.91	0.87	0.87	0.88	2.52	ppb
Lithium	6-1				69		%
Magnesium	24-2	500336.52	499374.55	498216.03	499309.03	0.21	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.30	7.13	7.31	7.25	1.42	ppb
Molybdenum	94-1	2.85	2.45	2.60	2.63	7.63	ppb
Molybdenum	95-1	3.34	3.23	3.15	3.24	2.98	ppb
Molybdenum	96-1	4.65	4.47	4.46	4.53	2.43	ppb
Molybdenum	97-1	3.17	3.17	2.85	3.07	6.02	ppb
Molybdenum	98-1	3.06	3.05	2.72	2.94	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.44	16.32	17.57	16.78	4.10	ppb
Phosphorus	31-2	-11.42	-13.88	-3.70	-9.66		ppb
Potassium	39-2	248995.25	250448.80	250422.04	249955.36	0.33	ppb
Rhodium	103-1				63		%
Rhodium	103-2				65		%
Scandium	45-1				68		%
Scandium	45-2				74		%
Selenium	77-2	0.53	0.53	0.00	0.36	86.60	ppb
Selenium	78-2	-0.29	-0.11	0.49	0.03	1394.14	ppb
Selenium	82-1	-0.28	0.43	0.27	0.14	260.40	ppb
Silicon	28-1	70.20	71.25	71.51	70.98	0.98	ppb
Silver	109-1	0.14	0.11	0.11	0.12	15.14	ppb
Silver	107-1	0.13	0.14	0.11	0.13	11.20	ppb
Sodium	23-2	498073.97	499607.04	500310.93	499330.65	0.23	ppb
Strontium	86-1	4.24	4.25	4.23	4.24	0.15	ppb
Strontium	88-1	4.28	4.29	4.14	4.24	1.90	ppb
Sulfur	34-1	283.28	357.28	452.19	364.25	23.25	ppb
Terbium	159-1				77		%
Terbium	159-2				76		%
Thallium	203-1	0.37	0.33	0.25	0.32	18.42	ppb
Thallium	205-1	0.35	0.31	0.27	0.31	12.91	ppb
Thorium	232-1	0.33	0.29	0.27	0.30	10.62	ppb
Tin	118-1	0.61	0.57	0.56	0.58	4.28	ppb
Titanium	47-1	1.98	2.01	2.15	2.05	4.37	ppb
Uranium	238-1	0.21	0.17	0.16	0.18	13.62	ppb
Vanadium	51-2	0.16	0.19	0.18	0.17	8.92	ppb
Yttrium	89-1				71		%
Yttrium	89-2				74		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.32	16.78	16.88	16.66	1.80	ppb
Zirconium	90-1	0.31	0.30	0.30	0.30	2.25	ppb
Zirconium	91-1	0.32	0.36	0.27	0.32	14.22	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	454.37	454.45	455.03	454.62	0.08	ppb
Antimony	121-1	213.30	205.61	203.59	207.50	2.47	ppb
Arsenic	75-2	206.68	206.08	206.63	206.47	0.16	ppb
Barium	135-1	105.83	102.05	100.54	102.81	2.65	ppb
Barium	137-1	104.84	102.62	101.38	102.95	1.70	ppb
Beryllium	9-1	104.27	100.14	99.96	101.46	2.40	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	518.35	507.23	516.07	513.88	1.14	ppb
Boron	11-1	513.51	510.28	521.62	515.14	1.13	ppb
Cadmium	111-1	107.37	103.99	102.34	104.57	2.45	ppb
Cadmium	106-1	89.91	80.37	82.42	84.23	5.96	ppb
Cadmium	108-1	114.68	107.01	105.50	109.07	4.51	ppb
Calcium	43-1	1972.68	1900.19	1904.81	1925.89	2.11	ppb
Calcium	44-1	1979.37	1917.62	1891.92	1929.64	2.33	ppb
Chromium	52-2	96.71	96.64	96.45	96.60	0.14	ppb
Cobalt	59-2	99.14	101.14	99.77	100.02	1.03	ppb
Copper	63-2	96.33	96.72	97.15	96.74	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				87		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	1013.07	1020.89	1024.25	1019.41	0.56	ppb
Iron	57-2	1010.27	1005.36	998.35	1004.66	0.60	ppb
Krypton	83-1						cps
Lead	206-1	197.63	190.44	187.72	191.93	2.67	ppb
Lead	207-1	197.45	192.21	191.29	193.65	1.72	ppb
Lead	208-1	195.81	189.89	187.49	191.06	2.24	ppb
Lithium	6-1				81		%
Magnesium	24-2	1185.75	1182.03	1157.28	1175.02	1.32	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.87	95.11	95.41	95.13	0.28	ppb
Molybdenum	94-1	1770.98	1718.25	1727.62	1738.95	1.62	ppb
Molybdenum	95-1	2535.57	2452.47	2450.38	2479.47	1.96	ppb
Molybdenum	96-1	2437.96	2357.26	2350.09	2381.77	2.05	ppb
Molybdenum	97-1	2525.25	2444.67	2422.31	2464.08	2.20	ppb
Molybdenum	98-1	2503.68	2423.28	2402.28	2443.08	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.39	103.25	103.53	103.39	0.13	ppb
Phosphorus	31-2	-19.72	-23.98	-19.17	-20.95		ppb
Potassium	39-2	1958.71	1962.17	1960.34	1960.41	0.09	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	77-2	200.64	200.86	217.75	206.42	4.76	ppb
Selenium	78-2	210.98	214.99	217.56	214.51	1.55	ppb
Selenium	82-1	221.03	212.01	213.22	215.42	2.27	ppb
Silicon	28-1	9.51	10.14	10.07	9.90	3.47	ppb
Silver	109-1	102.16	98.70	98.36	99.74	2.11	ppb
Silver	107-1	102.70	99.58	97.79	100.02	2.49	ppb
Sodium	23-2	1946.64	1929.95	1957.44	1944.68	0.71	ppb
Strontium	86-1	2.25	2.22	2.23	2.23	0.73	ppb
Strontium	88-1	2.38	2.28	2.28	2.31	2.54	ppb
Sulfur	34-1	7.35	-220.60	-145.94	-119.73		ppb
Terbium	159-1				87		%
Terbium	159-2				88		%
Thallium	203-1	198.71	192.68	187.04	192.81	3.03	ppb
Thallium	205-1	198.84	192.35	188.14	193.11	2.79	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	7.55	ppb
Tin	118-1	0.11	0.13	0.12	0.12	8.65	ppb
Titanium	47-1	2581.24	2491.10	2463.83	2512.06	2.45	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	237.97	ppb
Vanadium	51-2	94.89	96.58	95.90	95.79	0.89	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.58	214.22	216.72	213.51	1.70	ppb
Zirconium	90-1	0.09	0.06	0.07	0.07	21.43	ppb
Zirconium	91-1	0.14	0.12	0.15	0.14	11.32	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	-0.12	0.34	0.22	135.93	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	29.61	ppb
Arsenic	75-2	-0.03	0.00	0.02	0.00		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	106.32	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	11.97	12.46	12.07	12.17	2.15	ppb
Boron	11-1	12.64	11.98	12.21	12.28	2.75	ppb
Cadmium	111-1	0.17	0.07	0.07	0.10	53.86	ppb
Cadmium	106-1	2.04	0.90	0.88	1.27	52.61	ppb
Cadmium	108-1	-0.07	-0.02	-0.04	-0.04		ppb
Calcium	43-1	-0.43	0.83	-0.37	0.01	7763.28	ppb
Calcium	44-1	-0.15	-0.52	-0.85	-0.51		ppb
Chromium	52-2	0.03	0.04	0.05	0.04	26.27	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.03	0.02	0.03	27.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	0.30	0.24	0.27	0.27	11.99	ppb
Iron	57-2	1.06	-0.31	0.66	0.47	149.79	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	27.07	ppb
Lead	207-1	0.03	0.04	0.00	0.02	71.59	ppb
Lead	208-1	0.02	0.02	0.02	0.02	18.62	ppb
Lithium	6-1				89		%
Magnesium	24-2	-0.42	-0.21	-0.66	-0.43		ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.06	0.04	0.03	0.04	29.21	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	13.86	ppb
Molybdenum	96-1	0.08	0.10	0.05	0.07	30.78	ppb
Molybdenum	97-1	0.08	0.08	0.06	0.07	9.83	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	0.00		ppb
Phosphorus	31-2	-32.31	-25.84	-32.13	-30.09		ppb
Potassium	39-2	7.12	10.24	4.05	7.14	43.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	0.01	0.30	0.01	3725.50	ppb
Selenium	82-1	0.14	-0.32	-0.02	-0.06		ppb
Silicon	28-1	2.85	3.17	3.25	3.09	6.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.16	ppb
Sodium	23-2	3.60	5.80	5.04	4.81	23.28	ppb
Strontium	86-1	0.03	0.06	0.02	0.04	53.57	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	37.60	ppb
Sulfur	34-1	163.07	218.54	304.71	228.77	31.20	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.03	0.03	0.03	9.28	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	24.80	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	57.63	ppb
Tin	118-1	0.04	0.02	0.04	0.03	27.55	ppb
Titanium	47-1	0.04	0.00	0.04	0.03	80.78	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	82067.05	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	84.85	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.03	0.08	0.01	421.96	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	150.18	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88955.21	89354.14	88402.06	88903.80	0.54	ppb
Antimony	121-1	1.20	1.19	1.17	1.18	1.50	ppb
Arsenic	75-2	0.30	0.37	0.31	0.32	11.71	ppb
Barium	135-1	1.49	1.43	1.48	1.47	2.25	ppb
Barium	137-1	1.41	1.44	1.40	1.42	1.47	ppb
Beryllium	9-1	0.27	0.28	0.26	0.27	4.74	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	12.32	11.63	11.51	11.82	3.71	ppb
Boron	11-1	11.82	11.58	10.91	11.44	4.10	ppb
Cadmium	111-1	0.38	0.12	0.15	0.22	66.27	ppb
Cadmium	106-1	-0.78	-2.99	-4.01	-2.59		ppb
Cadmium	108-1	10.40	9.77	9.66	9.94	4.00	ppb
Calcium	43-1	92547.57	93072.15	95412.62	93677.45	1.63	ppb
Calcium	44-1	95061.53	94750.65	97910.14	95907.44	1.82	ppb
Chromium	52-2	19.56	19.59	19.65	19.60	0.23	ppb
Cobalt	59-2	1.20	1.22	1.08	1.17	6.77	ppb
Copper	63-2	7.12	7.12	7.00	7.08	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				86		%
Indium	115-1				80		%
Indium	115-2				79		%
Iron	56-2	100330.26	100536.07	99891.13	100252.49	0.33	ppb
Iron	57-2	98860.84	99355.77	99439.29	99218.63	0.32	ppb
Krypton	83-1						cps
Lead	206-1	4.70	4.64	4.76	4.70	1.18	ppb
Lead	207-1	4.23	4.13	4.40	4.25	3.16	ppb
Lead	208-1	4.37	4.29	4.44	4.37	1.72	ppb
Lithium	6-1				76		%
Magnesium	24-2	99239.31	99704.76	99436.19	99460.08	0.23	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.51	7.74	7.43	7.56	2.14	ppb
Molybdenum	94-1	1268.04	1261.17	1260.07	1263.09	0.34	ppb
Molybdenum	95-1	1842.32	1836.41	1835.57	1838.10	0.20	ppb
Molybdenum	96-1	1771.61	1756.26	1762.82	1763.56	0.44	ppb
Molybdenum	97-1	1794.22	1764.99	1786.60	1781.94	0.85	ppb
Molybdenum	98-1	1824.90	1811.63	1830.92	1822.48	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.30	5.22	4.99	5.17	3.17	ppb
Phosphorus	31-2	96054.36	96468.17	95002.84	95841.79	0.79	ppb
Potassium	39-2	98685.55	99117.10	98942.09	98914.92	0.22	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.49	0.49	0.33	86.60	ppb
Selenium	78-2	0.35	-0.40	0.09	0.02	2441.71	ppb
Selenium	82-1	-0.01	-0.20	-0.17	-0.13		ppb
Silicon	28-1	25.37	25.91	26.57	25.95	2.33	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.53	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.57	ppb
Sodium	23-2	99694.58	100008.43	99601.42	99768.14	0.21	ppb
Strontium	86-1	33.55	33.84	33.97	33.78	0.64	ppb
Strontium	88-1	33.76	33.60	33.74	33.70	0.26	ppb
Sulfur	34-1	95188.18	94487.60	97426.26	95700.68	1.60	ppb
Terbium	159-1				87		%
Terbium	159-2				84		%
Thallium	203-1	0.09	0.08	0.11	0.09	16.24	ppb
Thallium	205-1	0.09	0.08	0.10	0.09	11.43	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.72	ppb
Tin	118-1	0.29	0.25	0.33	0.29	14.69	ppb
Titanium	47-1	1931.47	1926.45	1983.07	1947.00	1.61	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	25.40	ppb
Vanadium	51-2	0.16	0.14	0.15	0.15	4.54	ppb
Yttrium	89-1				80		%
Yttrium	89-2				80		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.56	9.88	9.52	9.65	2.06	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	19.03	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	27.49	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88627.26	89214.71	88381.00	88740.99	0.48	ppb
Antimony	121-1	20.78	21.23	21.22	21.08	1.21	ppb
Arsenic	75-2	20.28	20.14	19.35	19.92	2.52	ppb
Barium	135-1	21.89	21.49	21.99	21.79	1.21	ppb
Barium	137-1	21.77	21.22	21.61	21.53	1.31	ppb
Beryllium	9-1	20.15	21.01	20.18	20.44	2.40	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	61.34	62.54	59.69	61.19	2.34	ppb
Boron	11-1	61.93	61.36	63.30	62.20	1.60	ppb
Cadmium	111-1	18.84	19.37	19.05	19.09	1.37	ppb
Cadmium	106-1	19.42	22.07	20.16	20.55	6.65	ppb
Cadmium	108-1	32.55	30.84	31.08	31.49	2.94	ppb
Calcium	43-1	93046.58	93148.15	93564.81	93253.18	0.29	ppb
Calcium	44-1	95070.50	95714.55	95255.88	95346.98	0.35	ppb
Chromium	52-2	38.86	38.67	38.30	38.61	0.73	ppb
Cobalt	59-2	20.61	20.78	20.68	20.69	0.42	ppb
Copper	63-2	25.16	25.92	25.49	25.52	1.50	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				89		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	56-2	99591.09	100097.57	99765.39	99818.02	0.26	ppb
Iron	57-2	97605.76	98480.02	98437.71	98174.50	0.50	ppb
Krypton	83-1						cps
Lead	206-1	24.91	25.40	25.08	25.13	0.97	ppb
Lead	207-1	24.29	24.24	23.74	24.09	1.27	ppb
Lead	208-1	24.09	24.32	24.16	24.19	0.49	ppb
Lithium	6-1				77		%
Magnesium	24-2	99278.89	99806.40	99547.98	99544.42	0.26	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.48	26.44	27.27	26.73	1.75	ppb
Molybdenum	94-1	1375.33	1368.53	1356.74	1366.87	0.69	ppb
Molybdenum	95-1	1869.48	1875.25	1868.66	1871.13	0.19	ppb
Molybdenum	96-1	1808.71	1824.94	1813.19	1815.61	0.46	ppb
Molybdenum	97-1	1813.58	1832.51	1809.09	1818.39	0.68	ppb
Molybdenum	98-1	1848.48	1883.04	1852.03	1861.18	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.89	24.60	24.64	24.38	1.74	ppb
Phosphorus	31-2	95221.71	95788.78	95355.29	95455.26	0.31	ppb
Potassium	39-2	98361.72	98977.56	98463.41	98600.90	0.33	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	15.13	12.69	17.13	14.98	14.82	ppb
Selenium	78-2	20.94	18.59	19.89	19.81	5.94	ppb
Selenium	82-1	19.19	19.91	19.09	19.40	2.30	ppb
Silicon	28-1	77.95	79.27	77.37	78.20	1.25	ppb
Silver	109-1	18.53	18.28	18.35	18.39	0.70	ppb
Silver	107-1	18.47	18.40	18.17	18.35	0.84	ppb
Sodium	23-2	99082.33	99801.78	99589.90	99491.34	0.37	ppb
Strontium	86-1	99.06	99.99	99.59	99.55	0.47	ppb
Strontium	88-1	98.22	99.08	98.41	98.57	0.46	ppb
Sulfur	34-1	94033.48	94929.04	93985.61	94316.04	0.56	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	20.32	20.41	20.18	20.30	0.55	ppb
Thallium	205-1	20.18	20.54	20.37	20.36	0.89	ppb
Thorium	232-1	0.09	0.08	0.08	0.09	7.16	ppb
Tin	118-1	56.90	56.68	56.86	56.81	0.21	ppb
Titanium	47-1	1972.67	1992.94	1977.77	1981.13	0.53	ppb
Uranium	238-1	55.88	56.21	55.61	55.90	0.55	ppb
Vanadium	51-2	19.68	19.75	19.52	19.65	0.59	ppb
Yttrium	89-1				82		%
Yttrium	89-2				81		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.93	27.30	27.15	27.46	1.50	ppb
Zirconium	90-1	54.87	54.96	54.84	54.89	0.12	ppb
Zirconium	91-1	55.47	56.09	55.94	55.83	0.58	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48943.52	49461.61	49866.28	49423.80	0.94	ppb
Antimony	121-1	487.73	489.12	489.88	488.91	0.22	ppb
Arsenic	75-2	528.23	537.41	529.61	531.75	0.93	ppb
Barium	135-1	2454.05	2462.00	2475.75	2463.94	0.45	ppb
Barium	137-1	2510.81	2517.56	2543.92	2524.10	0.69	ppb
Beryllium	9-1	504.40	506.78	508.60	506.59	0.42	ppb
Bismuth	209-1				84		%
Bismuth	209-2				80		%
Boron	10-1	476.15	479.78	489.22	481.72	1.40	ppb
Boron	11-1	474.12	480.48	488.81	481.13	1.53	ppb
Cadmium	111-1	525.24	525.69	525.63	525.52	0.05	ppb
Cadmium	106-1	526.21	527.87	525.08	526.39	0.27	ppb
Cadmium	108-1	529.38	528.81	517.98	525.39	1.22	ppb
Calcium	43-1	235647.30	234849.37	235728.21	235408.30	0.21	ppb
Calcium	44-1	234424.74	233853.77	235560.60	234613.04	0.37	ppb
Chromium	52-2	488.86	489.34	497.18	491.79	0.95	ppb
Cobalt	59-2	481.14	478.20	483.76	481.03	0.58	ppb
Copper	63-2	994.88	988.68	1003.15	995.57	0.73	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				94		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	121313.25	120934.81	122613.89	121620.65	0.72	ppb
Iron	57-2	121723.01	120082.39	122577.59	121461.00	1.04	ppb
Krypton	83-1						cps
Lead	206-1	504.10	498.68	499.80	500.86	0.57	ppb
Lead	207-1	512.93	504.67	508.13	508.58	0.82	ppb
Lead	208-1	509.55	505.67	507.64	507.62	0.38	ppb
Lithium	6-1				82		%
Magnesium	24-2	244795.35	245963.83	248226.68	246328.62	0.71	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	954.51	963.09	969.71	962.44	0.79	ppb
Molybdenum	94-1	2504.05	2516.08	2518.40	2512.84	0.31	ppb
Molybdenum	95-1	2501.89	2516.28	2516.70	2511.62	0.34	ppb
Molybdenum	96-1	2503.94	2512.34	2525.68	2513.99	0.44	ppb
Molybdenum	97-1	2489.28	2508.85	2504.43	2500.85	0.41	ppb
Molybdenum	98-1	2488.94	2493.76	2502.32	2495.01	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.99	473.03	476.88	473.97	0.54	ppb
Phosphorus	31-2	10079.46	9920.56	10182.52	10060.85	1.31	ppb
Potassium	39-2	123644.45	123986.73	125591.33	124407.50	0.84	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	501.74	507.90	522.36	510.67	2.07	ppb
Selenium	78-2	506.88	525.78	511.26	514.64	1.92	ppb
Selenium	82-1	510.58	513.88	508.16	510.87	0.56	ppb
Silicon	28-1	489.70	493.96	500.83	494.83	1.14	ppb
Silver	109-1	505.76	506.57	507.96	506.76	0.22	ppb
Silver	107-1	528.53	507.14	508.22	514.63	2.34	ppb
Sodium	23-2	246163.92	246140.00	248867.98	247057.30	0.63	ppb
Strontium	86-1	491.48	494.89	497.20	494.52	0.58	ppb
Strontium	88-1	497.21	499.86	499.84	498.97	0.31	ppb
Sulfur	34-1	9349.31	9315.45	9348.49	9337.75	0.21	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	502.21	498.22	499.13	499.85	0.42	ppb
Thallium	205-1	516.85	514.79	515.54	515.72	0.20	ppb
Thorium	232-1	519.07	513.18	517.35	516.53	0.59	ppb
Tin	118-1	490.30	488.90	495.00	491.40	0.65	ppb
Titanium	47-1	2422.19	2407.95	2401.39	2410.51	0.44	ppb
Uranium	238-1	511.77	510.95	513.84	512.19	0.29	ppb
Vanadium	51-2	491.74	491.01	499.13	493.96	0.91	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1024.79	1024.35	1033.84	1027.66	0.52	ppb
Zirconium	90-1	502.84	506.47	506.26	505.19	0.40	ppb
Zirconium	91-1	500.45	500.97	500.10	500.50	0.09	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:27:54	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.42	19.24	19.62	19.43	0.99	ppb
Antimony	121-1	2.10	2.04	2.14	2.09	2.21	ppb
Arsenic	75-2	1.13	1.12	1.03	1.09	5.26	ppb
Barium	135-1	10.48	10.50	10.35	10.45	0.78	ppb
Barium	137-1	10.41	10.23	10.37	10.34	0.91	ppb
Beryllium	9-1	1.06	1.00	1.03	1.03	2.87	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	25.74	26.93	25.88	26.18	2.48	ppb
Boron	11-1	27.04	27.50	27.41	27.32	0.88	ppb
Cadmium	111-1	0.98	0.97	0.91	0.95	3.72	ppb
Cadmium	106-1	0.13	-0.36	-0.76	-0.33		ppb
Cadmium	108-1	0.87	0.95	0.87	0.90	4.64	ppb
Calcium	43-1	459.77	458.56	489.68	469.33	3.76	ppb
Calcium	44-1	468.94	459.69	465.68	464.77	1.01	ppb
Chromium	52-2	2.06	2.07	2.05	2.06	0.55	ppb
Cobalt	59-2	1.01	1.03	1.05	1.03	1.88	ppb
Copper	63-2	2.01	1.97	1.97	1.98	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	55.21	55.04	56.26	55.51	1.19	ppb
Iron	57-2	57.89	56.65	55.82	56.78	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.91	1.00	0.94	4.89	ppb
Lead	207-1	0.94	0.91	0.96	0.94	2.87	ppb
Lead	208-1	0.91	0.91	0.97	0.93	3.79	ppb
Lithium	6-1				88		%
Magnesium	24-2	504.04	509.42	506.48	506.65	0.53	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:27:54	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.06	1.03	1.04	2.08	ppb
Molybdenum	94-1	4.70	4.68	4.74	4.70	0.69	ppb
Molybdenum	95-1	4.84	4.87	4.70	4.80	1.86	ppb
Molybdenum	96-1	4.70	4.68	4.86	4.75	2.03	ppb
Molybdenum	97-1	4.73	4.93	4.94	4.87	2.43	ppb
Molybdenum	98-1	4.74	4.79	4.70	4.74	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	0.99	1.02	2.79	ppb
Phosphorus	31-2	37.83	18.15	25.74	27.24	36.43	ppb
Potassium	39-2	503.71	507.42	512.07	507.73	0.83	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	4.23	9.28	4.72	6.08	45.84	ppb
Selenium	78-2	6.87	5.51	6.27	6.22	10.91	ppb
Selenium	82-1	5.52	6.06	5.58	5.72	5.15	ppb
Silicon	28-1	14.51	13.82	14.36	14.23	2.54	ppb
Silver	109-1	1.12	1.14	1.14	1.13	1.18	ppb
Silver	107-1	1.17	1.13	1.13	1.15	1.99	ppb
Sodium	23-2	500.31	494.69	502.00	499.00	0.77	ppb
Strontium	86-1	1.01	0.99	0.93	0.98	4.16	ppb
Strontium	88-1	0.92	0.94	0.97	0.94	2.33	ppb
Sulfur	34-1	242.33	260.15	268.60	257.03	5.22	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	1.01	0.95	0.99	0.98	3.04	ppb
Thallium	205-1	0.95	0.97	0.97	0.96	1.33	ppb
Thorium	232-1	0.82	0.83	0.83	0.83	0.23	ppb
Tin	118-1	5.15	5.31	5.22	5.23	1.57	ppb
Titanium	47-1	4.98	5.00	5.03	5.00	0.48	ppb
Uranium	238-1	0.83	0.86	0.85	0.85	1.59	ppb
Vanadium	51-2	5.16	5.24	5.13	5.18	1.04	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:27:54	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.66	1.88	1.97	1.83	8.70	ppb
Zirconium	90-1	0.89	0.90	0.91	0.90	1.13	ppb
Zirconium	91-1	0.86	0.93	0.89	0.89	4.18	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.27	1.03	1.12	12.09	ppb
Antimony	121-1	0.03	0.05	0.06	0.05	32.80	ppb
Arsenic	75-2	0.01	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.05	0.04	0.05	0.04	18.94	ppb
Barium	137-1	0.05	0.08	0.06	0.06	26.44	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	55.97	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	3.89	4.09	3.44	3.81	8.65	ppb
Boron	11-1	3.37	3.79	4.19	3.78	10.93	ppb
Cadmium	111-1	0.10	0.13	0.05	0.09	47.76	ppb
Cadmium	106-1	1.18	1.67	0.21	1.02	73.14	ppb
Cadmium	108-1	0.00	0.10	0.00	0.03	158.47	ppb
Calcium	43-1	4.69	4.07	5.58	4.78	15.85	ppb
Calcium	44-1	6.10	5.36	6.56	6.01	10.11	ppb
Chromium	52-2	0.07	0.06	0.06	0.06	10.31	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.67	ppb
Copper	63-2	0.03	0.05	0.07	0.05	38.16	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				95		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	3.31	3.62	3.76	3.56	6.44	ppb
Iron	57-2	2.74	3.33	3.13	3.07	9.94	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	94.97	ppb
Lead	207-1	0.02	0.02	0.02	0.02	18.42	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.75	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.07	6.81	6.42	6.10	14.91	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.03	0.02	42.20	ppb
Molybdenum	94-1	0.10	0.11	0.10	0.10	2.70	ppb
Molybdenum	95-1	0.11	0.08	0.09	0.09	14.56	ppb
Molybdenum	96-1	0.08	0.10	0.10	0.09	8.23	ppb
Molybdenum	97-1	0.07	0.10	0.09	0.09	21.32	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.01	60.07	ppb
Phosphorus	31-2	-35.03	-23.23	-12.28	-23.51		ppb
Potassium	39-2	10.24	10.86	10.89	10.66	3.42	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	1.11	-0.07	0.49	120.95	ppb
Selenium	82-1	-0.05	-0.24	-0.01	-0.10		ppb
Silicon	28-1	3.76	4.32	4.29	4.12	7.62	ppb
Silver	109-1	0.03	0.02	0.02	0.02	29.41	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.22	ppb
Sodium	23-2	13.18	13.09	14.50	13.59	5.82	ppb
Strontium	86-1	0.02	0.01	0.01	0.02	37.38	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	9.57	ppb
Sulfur	34-1	301.02	474.99	502.91	426.30	25.66	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.05	0.05	0.04	12.33	ppb
Thallium	205-1	0.03	0.03	0.05	0.04	36.81	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	6.90	ppb
Tin	118-1	0.07	0.06	0.07	0.07	6.50	ppb
Titanium	47-1	0.07	0.10	0.06	0.08	26.95	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	54.67	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	15.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.39	0.38	0.40	0.39	2.87	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	26.75	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	48.38	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.21	18.62	18.54	17.79	7.69	ppb
Antimony	121-1	2.07	2.08	2.06	2.07	0.59	ppb
Arsenic	75-2	1.12	0.99	0.98	1.03	7.58	ppb
Barium	135-1	10.75	10.68	10.55	10.66	0.97	ppb
Barium	137-1	10.57	10.50	10.43	10.50	0.67	ppb
Beryllium	9-1	0.95	1.08	0.96	0.99	7.32	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	25.02	25.30	26.77	25.70	3.66	ppb
Boron	11-1	25.80	26.21	26.35	26.12	1.09	ppb
Cadmium	111-1	1.37	1.23	1.18	1.26	7.96	ppb
Cadmium	106-1	3.38	3.34	2.71	3.14	12.02	ppb
Cadmium	108-1	1.20	1.16	1.01	1.12	8.74	ppb
Calcium	43-1	484.94	489.99	491.03	488.65	0.67	ppb
Calcium	44-1	473.28	470.52	473.27	472.36	0.34	ppb
Chromium	52-2	2.11	2.06	2.17	2.11	2.52	ppb
Cobalt	59-2	1.01	0.97	1.03	1.00	3.29	ppb
Copper	63-2	2.00	2.03	2.12	2.05	3.10	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				91		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	55.02	54.29	56.73	55.35	2.26	ppb
Iron	57-2	57.94	53.92	60.10	57.32	5.47	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.92	0.95	0.95	2.87	ppb
Lead	207-1	0.95	0.92	0.97	0.95	2.77	ppb
Lead	208-1	0.95	0.94	0.95	0.95	0.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	512.97	499.52	511.12	507.87	1.44	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.02	1.01	1.02	1.09	ppb
Molybdenum	94-1	4.80	4.91	4.75	4.82	1.67	ppb
Molybdenum	95-1	4.89	4.71	4.65	4.75	2.58	ppb
Molybdenum	96-1	4.71	4.91	4.84	4.82	2.03	ppb
Molybdenum	97-1	4.80	4.72	5.02	4.85	3.21	ppb
Molybdenum	98-1	4.72	4.70	4.83	4.75	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.17	1.07	1.05	12.60	ppb
Phosphorus	31-2	61.27	14.27	44.23	39.92	59.61	ppb
Potassium	39-2	512.61	510.13	514.60	512.44	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	6.31	2.87	4.62	4.60	37.36	ppb
Selenium	78-2	7.24	5.52	6.18	6.31	13.69	ppb
Selenium	82-1	5.78	6.12	5.32	5.74	6.93	ppb
Silicon	28-1	14.92	14.90	15.47	15.09	2.15	ppb
Silver	109-1	1.25	1.20	1.18	1.21	2.89	ppb
Silver	107-1	1.25	1.21	1.18	1.21	2.54	ppb
Sodium	23-2	497.91	485.08	503.34	495.44	1.89	ppb
Strontium	86-1	1.05	1.07	1.01	1.04	3.20	ppb
Strontium	88-1	0.98	1.00	0.96	0.98	2.10	ppb
Sulfur	34-1	663.60	800.84	687.10	717.18	10.23	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.98	0.96	0.97	0.97	0.98	ppb
Thallium	205-1	0.97	0.93	0.96	0.95	2.17	ppb
Thorium	232-1	0.85	0.82	0.78	0.82	4.21	ppb
Tin	118-1	5.35	5.66	5.53	5.51	2.86	ppb
Titanium	47-1	4.59	5.17	5.20	4.99	6.86	ppb
Uranium	238-1	0.83	0.84	0.88	0.85	3.38	ppb
Vanadium	51-2	5.26	5.01	5.09	5.12	2.47	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.09	1.99	1.94	2.01	4.01	ppb
Zirconium	90-1	0.94	0.90	0.89	0.91	2.91	ppb
Zirconium	91-1	0.96	0.96	0.87	0.93	5.41	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	0.51	0.85	0.81	34.35	ppb
Antimony	121-1	0.00	0.02	0.02	0.01	60.93	ppb
Arsenic	75-2	-0.02	-0.01	-0.03	-0.02		ppb
Barium	135-1	-0.01	0.01	0.01	0.00	559.94	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	46.14	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	10-1	3.91	3.70	3.77	3.79	2.77	ppb
Boron	11-1	4.40	3.91	3.06	3.79	17.85	ppb
Cadmium	111-1	0.13	0.18	0.10	0.14	30.09	ppb
Cadmium	106-1	1.57	2.40	1.48	1.82	28.08	ppb
Cadmium	108-1	-0.04	0.03	0.18	0.06	200.21	ppb
Calcium	43-1	0.14	0.69	3.67	1.50	126.87	ppb
Calcium	44-1	0.39	0.33	0.72	0.48	43.31	ppb
Chromium	52-2	0.11	0.10	0.09	0.10	11.16	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.06	0.04	0.04	29.10	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				91		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	0.25	0.29	0.35	0.30	17.02	ppb
Iron	57-2	-0.13	1.75	0.20	0.61	165.29	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	18.49	ppb
Lead	207-1	0.01	0.00	0.01	0.01	60.18	ppb
Lead	208-1	0.01	0.01	0.01	0.01	11.44	ppb
Lithium	6-1				91		%
Magnesium	24-2	-0.33	-0.49	-0.38	-0.40		ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.04	0.03	0.05	0.04	18.83	ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	123.77	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	29.07	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	11.81	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	56.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-22.04	-26.35	-34.56	-27.65		ppb
Potassium	39-2	14.04	6.23	7.00	9.09	47.36	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.42	0.00	0.14	173.21	ppb
Selenium	78-2	0.60	0.74	0.54	0.63	16.61	ppb
Selenium	82-1	0.11	0.09	-0.17	0.01	1612.04	ppb
Silicon	28-1	6.47	5.78	6.10	6.11	5.64	ppb
Silver	109-1	0.00	0.00	0.00	0.00	15960.04	ppb
Silver	107-1	0.00	0.01	0.01	0.00	79.78	ppb
Sodium	23-2	8.56	6.14	5.68	6.79	22.78	ppb
Strontium	86-1	0.03	0.01	0.01	0.02	45.95	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	34.06	ppb
Sulfur	34-1	516.01	470.91	459.40	482.11	6.21	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.03	0.02	0.02	16.39	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	18.39	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	52.73	ppb
Tin	118-1	0.08	0.08	0.08	0.08	2.54	ppb
Titanium	47-1	0.04	0.05	0.03	0.04	27.58	ppb
Uranium	238-1	-0.01	0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	83.58	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.14	-0.13	-0.11	-0.13		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	14.19	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	207.03	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9955.28	9906.72	9812.46	9891.48	0.73	ppb
Antimony	121-1	513.49	495.05	510.96	506.50	1.97	ppb
Arsenic	75-2	505.49	512.07	500.00	505.85	1.19	ppb
Barium	135-1	2535.57	2439.30	2501.81	2492.23	1.96	ppb
Barium	137-1	2601.90	2503.06	2564.22	2556.39	1.95	ppb
Beryllium	9-1	513.05	500.89	506.91	506.95	1.20	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	464.25	472.72	490.86	475.95	2.86	ppb
Boron	11-1	472.37	479.72	490.78	480.95	1.93	ppb
Cadmium	111-1	501.72	486.82	496.86	495.13	1.53	ppb
Cadmium	106-1	505.78	488.56	507.12	500.49	2.07	ppb
Cadmium	108-1	507.07	484.93	506.69	499.56	2.54	ppb
Calcium	43-1	47734.66	46227.86	47536.81	47166.44	1.74	ppb
Calcium	44-1	48446.91	47170.73	48507.91	48041.85	1.57	ppb
Chromium	52-2	502.70	500.30	497.54	500.18	0.52	ppb
Cobalt	59-2	506.59	503.75	502.80	504.38	0.39	ppb
Copper	63-2	950.53	948.96	941.82	947.10	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				81		%
Iron	56-2	26099.90	26016.01	25918.18	26011.36	0.35	ppb
Iron	57-2	25933.37	26022.24	25701.89	25885.84	0.64	ppb
Krypton	83-1						cps
Lead	206-1	490.73	479.90	488.44	486.36	1.17	ppb
Lead	207-1	492.50	486.98	495.18	491.55	0.85	ppb
Lead	208-1	493.37	486.56	494.13	491.35	0.85	ppb
Lithium	6-1				85		%
Magnesium	24-2	53080.51	52769.37	52376.81	52742.23	0.67	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.48	1003.39	994.46	999.78	0.47	ppb
Molybdenum	94-1	2521.38	2460.46	2482.70	2488.18	1.24	ppb
Molybdenum	95-1	2521.34	2463.10	2495.52	2493.32	1.17	ppb
Molybdenum	96-1	2512.57	2451.44	2486.38	2483.46	1.23	ppb
Molybdenum	97-1	2501.68	2454.19	2492.64	2482.84	1.02	ppb
Molybdenum	98-1	2491.19	2433.96	2476.07	2467.07	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.98	507.34	505.47	504.93	0.54	ppb
Phosphorus	31-2	10324.33	10267.56	9904.96	10165.62	2.24	ppb
Potassium	39-2	25272.94	25115.48	25061.43	25149.95	0.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				81		%
Selenium	77-2	491.00	498.82	517.31	502.38	2.69	ppb
Selenium	78-2	512.73	514.15	499.95	508.94	1.54	ppb
Selenium	82-1	508.38	493.19	502.27	501.28	1.53	ppb
Silicon	28-1	520.07	510.63	526.18	518.96	1.51	ppb
Silver	109-1	507.44	481.60	496.27	495.11	2.62	ppb
Silver	107-1	503.72	485.61	495.89	495.07	1.83	ppb
Sodium	23-2	52357.71	52297.16	51805.92	52153.60	0.58	ppb
Strontium	86-1	493.03	479.27	491.50	487.93	1.55	ppb
Strontium	88-1	498.99	488.22	498.31	495.17	1.22	ppb
Sulfur	34-1	10264.95	9734.11	9902.41	9967.16	2.72	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	485.54	475.88	486.06	482.49	1.19	ppb
Thallium	205-1	501.30	489.83	500.73	497.29	1.30	ppb
Thorium	232-1	480.48	469.02	484.75	478.08	1.70	ppb
Tin	118-1	510.71	494.77	507.37	504.28	1.67	ppb
Titanium	47-1	2434.75	2386.94	2432.26	2417.99	1.11	ppb
Uranium	238-1	477.36	465.99	479.66	474.34	1.54	ppb
Vanadium	51-2	503.67	500.45	498.87	501.00	0.49	ppb
Yttrium	89-1				87		%
Yttrium	89-2				82		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	934.59	925.90	926.65	929.05	0.52	ppb
Zirconium	90-1	505.64	489.54	499.49	498.22	1.63	ppb
Zirconium	91-1	493.84	484.18	493.31	490.45	1.11	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.38	15.22	14.29	14.29	6.44	ppb
Antimony	121-1	2.60	2.46	2.45	2.50	3.33	ppb
Arsenic	75-2	28.27	27.84	27.18	27.77	1.97	ppb
Barium	135-1	20.73	20.47	20.40	20.53	0.87	ppb
Barium	137-1	20.44	19.89	20.37	20.23	1.46	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	23.63	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	38.96	35.20	33.31	35.82	8.03	ppb
Boron	11-1	38.46	35.94	34.14	36.18	6.00	ppb
Cadmium	111-1	0.40	0.28	0.11	0.27	55.35	ppb
Cadmium	106-1	-0.65	-2.99	-3.52	-2.39		ppb
Cadmium	108-1	0.42	0.16	0.46	0.35	46.71	ppb
Calcium	43-1	47258.13	47243.42	47403.27	47301.61	0.19	ppb
Calcium	44-1	48302.02	48228.77	48573.55	48368.11	0.38	ppb
Chromium	52-2	2.27	2.18	2.16	2.20	2.60	ppb
Cobalt	59-2	0.14	0.15	0.18	0.16	13.04	ppb
Copper	63-2	3.08	3.05	3.17	3.10	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	56-2	4693.93	4598.82	4584.47	4625.74	1.29	ppb
Iron	57-2	4849.49	4718.09	4663.70	4743.76	2.01	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.58	0.56	0.59	5.19	ppb
Lead	207-1	0.63	0.60	0.55	0.59	6.99	ppb
Lead	208-1	0.61	0.58	0.55	0.58	5.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	9571.77	9420.40	9361.22	9451.13	1.15	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	409.05	399.06	399.23	402.45	1.42	ppb
Molybdenum	94-1	1.00	0.81	0.92	0.91	10.42	ppb
Molybdenum	95-1	1.10	1.02	1.05	1.06	3.83	ppb
Molybdenum	96-1	1.09	1.06	1.05	1.07	2.03	ppb
Molybdenum	97-1	1.22	1.03	1.09	1.12	8.46	ppb
Molybdenum	98-1	1.08	1.08	1.01	1.05	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.43	0.42	0.45	10.70	ppb
Phosphorus	31-2	59.99	49.69	57.13	55.60	9.56	ppb
Potassium	39-2	6528.14	6410.33	6367.47	6435.31	1.29	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				78		%
Selenium	77-2	1.01	2.94	0.98	1.65	68.32	ppb
Selenium	78-2	-0.28	0.42	0.50	0.21	200.69	ppb
Selenium	82-1	0.50	0.91	0.48	0.63	38.31	ppb
Silicon	28-1	4713.95	4665.85	4691.69	4690.50	0.51	ppb
Silver	109-1	0.83	0.68	0.56	0.69	19.43	ppb
Silver	107-1	0.83	0.70	0.59	0.70	17.09	ppb
Sodium	23-2	37231.58	36485.15	36023.23	36579.99	1.67	ppb
Strontium	86-1	209.64	205.99	210.48	208.70	1.14	ppb
Strontium	88-1	206.89	204.83	207.51	206.41	0.68	ppb
Sulfur	34-1	908.33	843.18	1093.36	948.29	13.69	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	0.52	0.38	0.30	0.40	27.86	ppb
Thallium	205-1	0.51	0.41	0.29	0.40	27.49	ppb
Thorium	232-1	0.20	0.19	0.18	0.19	5.93	ppb
Tin	118-1	2.29	2.50	2.80	2.53	10.13	ppb
Titanium	47-1	1.31	1.05	1.38	1.25	13.82	ppb
Uranium	238-1	0.14	0.13	0.12	0.13	7.48	ppb
Vanadium	51-2	0.38	0.42	0.40	0.40	5.34	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.74	26.78	26.41	26.98	2.55	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	4.61	ppb
Zirconium	91-1	0.13	0.11	0.12	0.12	7.53	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.89	32.23	30.16	28.76	15.09	ppb
Antimony	121-1	1.62	1.76	1.76	1.71	4.77	ppb
Arsenic	75-2	0.93	0.90	0.82	0.88	6.65	ppb
Barium	135-1	27.95	28.62	28.51	28.36	1.26	ppb
Barium	137-1	28.20	28.06	27.83	28.03	0.66	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	46.63	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	26.93	27.37	26.08	26.79	2.44	ppb
Boron	11-1	27.96	26.56	27.16	27.22	2.58	ppb
Cadmium	111-1	-0.20	-0.09	-0.16	-0.15		ppb
Cadmium	106-1	-3.63	-1.78	-2.69	-2.70		ppb
Cadmium	108-1	0.06	0.10	0.08	0.08	30.22	ppb
Calcium	43-1	70158.39	69297.35	69835.17	69763.64	0.62	ppb
Calcium	44-1	71808.69	71763.11	72069.84	71880.55	0.23	ppb
Chromium	52-2	1.65	1.66	1.65	1.65	0.38	ppb
Cobalt	59-2	0.10	0.13	0.12	0.12	13.88	ppb
Copper	63-2	3.67	3.63	3.63	3.64	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				83		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	205.73	204.18	203.66	204.52	0.52	ppb
Iron	57-2	431.06	424.71	404.51	420.09	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.44	0.46	0.45	2.07	ppb
Lead	207-1	0.45	0.42	0.39	0.42	7.81	ppb
Lead	208-1	0.43	0.44	0.41	0.42	3.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	13997.94	13840.88	13762.36	13867.06	0.86	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	73.05	74.32	72.43	73.27	1.32	ppb
Molybdenum	94-1	0.40	0.44	0.42	0.42	5.24	ppb
Molybdenum	95-1	0.39	0.35	0.41	0.38	8.08	ppb
Molybdenum	96-1	0.40	0.35	0.38	0.38	6.78	ppb
Molybdenum	97-1	0.42	0.39	0.42	0.41	4.55	ppb
Molybdenum	98-1	0.35	0.37	0.40	0.37	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.47	0.45	0.45	5.17	ppb
Phosphorus	31-2	-4.76	-14.92	-25.31	-14.99		ppb
Potassium	39-2	1268.08	1257.33	1249.95	1258.45	0.72	ppb
Rhodium	103-1				85		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				77		%
Selenium	77-2	2.49	3.01	2.50	2.67	11.02	ppb
Selenium	78-2	0.45	0.79	0.04	0.43	87.64	ppb
Selenium	82-1	0.28	0.41	0.27	0.32	25.15	ppb
Silicon	28-1	3442.95	3407.76	3451.15	3433.95	0.67	ppb
Silver	109-1	0.25	0.25	0.24	0.25	3.44	ppb
Silver	107-1	0.23	0.24	0.22	0.23	4.56	ppb
Sodium	23-2	11583.24	11532.30	11399.51	11505.02	0.82	ppb
Strontium	86-1	544.96	535.92	537.66	539.51	0.89	ppb
Strontium	88-1	548.12	546.62	548.23	547.66	0.16	ppb
Sulfur	34-1	5259.99	5223.68	5264.62	5249.43	0.43	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.03	0.03	0.05	0.04	21.18	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	20.35	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	7.68	ppb
Tin	118-1	1.42	1.41	1.46	1.43	1.99	ppb
Titanium	47-1	0.90	0.94	1.10	0.98	11.16	ppb
Uranium	238-1	0.74	0.73	0.76	0.74	2.11	ppb
Vanadium	51-2	0.48	0.44	0.44	0.45	5.95	ppb
Yttrium	89-1				87		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.42	11.74	11.05	11.41	3.03	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	4.59	ppb
Zirconium	91-1	0.11	0.16	0.09	0.12	27.17	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.33	27.77	29.32	28.81	3.11	ppb
Antimony	121-1	1.40	1.37	1.48	1.42	3.81	ppb
Arsenic	75-2	0.97	0.79	0.84	0.87	10.70	ppb
Barium	135-1	28.32	27.01	30.33	28.56	5.86	ppb
Barium	137-1	27.99	27.73	30.57	28.76	5.46	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	41.29	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	22.43	23.71	24.33	23.49	4.14	ppb
Boron	11-1	22.91	23.42	25.41	23.92	5.51	ppb
Cadmium	111-1	-0.07	-0.19	-0.23	-0.16		ppb
Cadmium	106-1	-1.79	-3.26	-3.46	-2.84		ppb
Cadmium	108-1	0.04	-0.04	0.07	0.02	260.67	ppb
Calcium	43-1	70030.30	69540.33	78003.18	72524.60	6.55	ppb
Calcium	44-1	71902.45	71930.25	80167.24	74666.65	6.38	ppb
Chromium	52-2	1.51	1.47	1.43	1.47	2.63	ppb
Cobalt	59-2	0.12	0.13	0.14	0.13	4.57	ppb
Copper	63-2	3.18	3.23	3.26	3.22	1.35	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				88		%
Holmium	165-2				83		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	204.93	207.38	203.94	205.42	0.86	ppb
Iron	57-2	427.57	405.70	410.30	414.52	2.78	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.38	0.36	0.38	5.49	ppb
Lead	207-1	0.37	0.37	0.40	0.38	4.75	ppb
Lead	208-1	0.38	0.37	0.37	0.37	2.50	ppb
Lithium	6-1				83		%
Magnesium	24-2	13750.52	13861.93	13812.36	13808.27	0.40	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	72.33	73.50	72.49	72.77	0.87	ppb
Molybdenum	94-1	0.40	0.36	0.37	0.38	4.53	ppb
Molybdenum	95-1	0.27	0.30	0.31	0.29	6.82	ppb
Molybdenum	96-1	0.32	0.31	0.35	0.33	7.69	ppb
Molybdenum	97-1	0.37	0.36	0.33	0.35	5.14	ppb
Molybdenum	98-1	0.32	0.35	0.36	0.34	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.44	0.37	0.40	9.29	ppb
Phosphorus	31-2	-3.99	-8.85	12.01	-0.28		ppb
Potassium	39-2	1244.20	1250.68	1248.63	1247.84	0.27	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				78		%
Scandium	45-2				75		%
Selenium	77-2	1.51	1.53	0.00	1.01	86.61	ppb
Selenium	78-2	0.55	-0.10	0.22	0.23	144.87	ppb
Selenium	82-1	0.41	0.28	0.26	0.32	26.19	ppb
Silicon	28-1	3411.85	3394.82	3784.84	3530.50	6.24	ppb
Silver	109-1	0.20	0.20	0.20	0.20	0.51	ppb
Silver	107-1	0.20	0.18	0.23	0.20	11.41	ppb
Sodium	23-2	11443.73	11517.64	11438.84	11466.74	0.39	ppb
Strontium	86-1	543.62	537.49	595.88	558.99	5.74	ppb
Strontium	88-1	551.78	550.10	609.51	570.46	5.93	ppb
Sulfur	34-1	5358.97	5339.58	6295.23	5664.60	9.64	ppb
Terbium	159-1				88		%
Terbium	159-2				83		%
Thallium	203-1	0.04	0.03	0.03	0.03	15.45	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	29.94	ppb
Thorium	232-1	0.04	0.04	0.05	0.05	12.82	ppb
Tin	118-1	1.16	1.15	1.46	1.26	13.71	ppb
Titanium	47-1	0.88	0.87	0.99	0.91	7.50	ppb
Uranium	238-1	0.76	0.75	0.84	0.78	6.02	ppb
Vanadium	51-2	0.47	0.46	0.55	0.49	9.79	ppb
Yttrium	89-1				82		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.57	11.13	10.94	10.88	2.63	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	1.83	ppb
Zirconium	91-1	0.09	0.11	0.10	0.10	6.70	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.20	5.40	6.13	5.91	7.51	ppb
Antimony	121-1	0.24	0.27	0.24	0.25	7.69	ppb
Arsenic	75-2	0.19	0.11	0.19	0.16	27.80	ppb
Barium	135-1	5.39	5.54	5.67	5.53	2.58	ppb
Barium	137-1	5.54	5.63	5.44	5.54	1.74	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	83.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	8.15	8.10	8.74	8.33	4.26	ppb
Boron	11-1	8.54	8.80	8.00	8.44	4.82	ppb
Cadmium	111-1	0.04	-0.21	-0.17	-0.11		ppb
Cadmium	106-1	0.42	-2.95	-2.47	-1.67		ppb
Cadmium	108-1	0.05	0.07	0.03	0.05	45.55	ppb
Calcium	43-1	13671.41	13632.22	13690.19	13664.61	0.22	ppb
Calcium	44-1	13977.95	14055.59	13980.27	14004.60	0.32	ppb
Chromium	52-2	0.36	0.39	0.42	0.39	7.31	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	18.75	ppb
Copper	63-2	1.12	1.11	1.06	1.10	3.31	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				95		%
Holmium	165-2				90		%
Indium	115-1				92		%
Indium	115-2				84		%
Iron	56-2	40.23	40.83	40.63	40.56	0.76	ppb
Iron	57-2	81.23	81.14	79.93	80.77	0.90	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.14	0.16	9.34	ppb
Lead	207-1	0.13	0.14	0.13	0.13	5.10	ppb
Lead	208-1	0.15	0.14	0.13	0.14	8.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	2703.06	2748.20	2714.91	2722.06	0.86	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.19	14.71	14.44	14.45	1.77	ppb
Molybdenum	94-1	0.13	0.09	0.15	0.12	24.17	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.06	19.28	ppb
Molybdenum	96-1	0.06	0.07	0.09	0.07	18.12	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	0.53	ppb
Molybdenum	98-1	0.08	0.06	0.08	0.07	10.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	0.07	0.09	19.22	ppb
Phosphorus	31-2	-19.06	-18.77	-26.19	-21.34		ppb
Potassium	39-2	267.54	272.35	274.87	271.59	1.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	-0.06	0.15	0.17	138.51	ppb
Selenium	82-1	0.33	-0.13	0.37	0.19	149.16	ppb
Silicon	28-1	673.31	672.46	669.13	671.64	0.33	ppb
Silver	109-1	0.04	0.07	0.08	0.06	27.52	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.73	ppb
Sodium	23-2	2300.12	2323.54	2309.01	2310.89	0.51	ppb
Strontium	86-1	105.01	105.31	104.07	104.80	0.62	ppb
Strontium	88-1	104.96	104.78	104.27	104.67	0.34	ppb
Sulfur	34-1	1223.28	1261.51	1186.01	1223.60	3.09	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.02	0.01	0.02	25.68	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	202.63	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	33.20	ppb
Tin	118-1	0.22	0.20	0.22	0.21	5.22	ppb
Titanium	47-1	0.24	0.14	0.21	0.20	27.52	ppb
Uranium	238-1	0.14	0.17	0.15	0.15	10.59	ppb
Vanadium	51-2	0.10	0.08	0.12	0.10	17.27	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.36	2.34	2.14	2.28	5.28	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	6.69	ppb
Zirconium	91-1	0.00	0.04	0.01	0.02	96.22	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9691.71	9541.57	9741.94	9658.41	1.08	ppb
Antimony	121-1	517.00	510.36	510.87	512.74	0.72	ppb
Arsenic	75-2	536.20	536.54	531.46	534.73	0.53	ppb
Barium	135-1	2582.45	2573.80	2558.64	2571.63	0.47	ppb
Barium	137-1	2665.84	2648.57	2647.54	2653.99	0.39	ppb
Beryllium	9-1	467.20	460.69	462.71	463.53	0.72	ppb
Bismuth	209-1				83		%
Bismuth	209-2				78		%
Boron	10-1	468.15	467.28	488.46	474.63	2.52	ppb
Boron	11-1	480.98	479.06	491.09	483.71	1.34	ppb
Cadmium	111-1	493.29	484.21	483.68	487.06	1.11	ppb
Cadmium	106-1	485.59	477.66	473.24	478.83	1.31	ppb
Cadmium	108-1	485.11	478.49	484.64	482.74	0.76	ppb
Calcium	43-1	130248.88	123690.90	124190.91	126043.56	2.90	ppb
Calcium	44-1	134196.85	127381.17	127768.16	129782.06	2.95	ppb
Chromium	52-2	511.09	509.48	517.88	512.82	0.87	ppb
Cobalt	59-2	520.66	520.51	526.97	522.71	0.71	ppb
Copper	63-2	1003.84	1003.63	1014.80	1007.43	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				83		%
Indium	115-1				81		%
Indium	115-2				74		%
Iron	56-2	26942.99	26655.77	26987.25	26862.00	0.67	ppb
Iron	57-2	26667.13	26454.87	26929.11	26683.71	0.89	ppb
Krypton	83-1						cps
Lead	206-1	503.57	506.01	504.80	504.79	0.24	ppb
Lead	207-1	519.50	521.99	522.92	521.47	0.34	ppb
Lead	208-1	514.21	514.21	515.71	514.71	0.17	ppb
Lithium	6-1				80		%
Magnesium	24-2	64592.03	64065.40	64696.81	64451.41	0.53	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1101.16	1092.28	1107.09	1100.18	0.68	ppb
Molybdenum	94-1	2471.92	2440.19	2434.40	2448.84	0.82	ppb
Molybdenum	95-1	2484.78	2452.62	2456.03	2464.48	0.72	ppb
Molybdenum	96-1	2470.10	2451.48	2433.35	2451.64	0.75	ppb
Molybdenum	97-1	2466.79	2444.09	2428.23	2446.37	0.79	ppb
Molybdenum	98-1	2460.83	2449.90	2428.18	2446.30	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.65	527.28	533.39	530.77	0.59	ppb
Phosphorus	31-2	-11.39	-8.93	-11.17	-10.50		ppb
Potassium	39-2	26373.96	26200.72	26603.43	26392.70	0.77	ppb
Rhodium	103-1				78		%
Rhodium	103-2				76		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	474.91	523.36	493.57	497.28	4.91	ppb
Selenium	78-2	498.55	506.56	483.78	496.30	2.33	ppb
Selenium	82-1	508.90	511.88	506.36	509.04	0.54	ppb
Silicon	28-1	4183.11	4033.95	4105.09	4107.38	1.82	ppb
Silver	109-1	472.83	464.33	466.21	467.79	0.95	ppb
Silver	107-1	475.06	465.25	466.37	468.90	1.14	ppb
Sodium	23-2	63097.50	62650.33	63198.80	62982.21	0.46	ppb
Strontium	86-1	1012.70	999.01	998.18	1003.30	0.81	ppb
Strontium	88-1	1031.21	1014.74	1016.37	1020.77	0.89	ppb
Sulfur	34-1	5090.77	4456.28	4358.84	4635.30	8.57	ppb
Terbium	159-1				89		%
Terbium	159-2				82		%
Thallium	203-1	494.67	494.54	493.72	494.31	0.10	ppb
Thallium	205-1	515.90	516.39	516.26	516.18	0.05	ppb
Thorium	232-1	0.09	0.08	0.08	0.08	5.68	ppb
Tin	118-1	509.08	505.09	501.77	505.31	0.72	ppb
Titanium	47-1	2601.51	2469.93	2474.85	2515.43	2.97	ppb
Uranium	238-1	492.11	491.24	488.07	490.47	0.43	ppb
Vanadium	51-2	508.95	508.12	512.05	509.71	0.41	ppb
Yttrium	89-1				82		%
Yttrium	89-2				76		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	925.84	916.95	927.21	923.33	0.60	ppb
Zirconium	90-1	491.87	486.78	481.64	486.76	1.05	ppb
Zirconium	91-1	482.40	477.98	476.84	479.07	0.61	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9510.12	9504.26	9466.62	9493.67	0.25	ppb
Antimony	121-1	521.32	515.93	508.32	515.19	1.27	ppb
Arsenic	75-2	535.84	530.50	533.78	533.37	0.50	ppb
Barium	135-1	2603.70	2670.35	2543.82	2605.96	2.43	ppb
Barium	137-1	2690.30	2639.78	2634.26	2654.78	1.16	ppb
Beryllium	9-1	476.61	470.15	470.62	472.46	0.76	ppb
Bismuth	209-1				84		%
Bismuth	209-2				79		%
Boron	10-1	482.35	500.07	491.21	491.21	1.80	ppb
Boron	11-1	501.54	504.86	506.76	504.39	0.52	ppb
Cadmium	111-1	499.11	488.37	481.26	489.58	1.84	ppb
Cadmium	106-1	486.28	477.71	477.79	480.59	1.02	ppb
Cadmium	108-1	486.46	480.49	475.55	480.83	1.14	ppb
Calcium	43-1	127353.67	126408.96	124991.92	126251.51	0.94	ppb
Calcium	44-1	130798.84	130081.51	128734.29	129871.55	0.81	ppb
Chromium	52-2	507.49	514.19	510.51	510.73	0.66	ppb
Cobalt	59-2	518.99	524.19	517.80	520.33	0.65	ppb
Copper	63-2	999.83	1010.71	1005.70	1005.42	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				86		%
Indium	115-1				83		%
Indium	115-2				76		%
Iron	56-2	26610.78	26763.61	26639.19	26671.19	0.30	ppb
Iron	57-2	26340.46	26765.22	26476.62	26527.43	0.82	ppb
Krypton	83-1						cps
Lead	206-1	507.52	499.29	502.64	503.15	0.82	ppb
Lead	207-1	527.86	522.10	521.38	523.78	0.68	ppb
Lead	208-1	519.38	514.48	515.90	516.59	0.49	ppb
Lithium	6-1				79		%
Magnesium	24-2	64109.79	64262.28	64021.93	64131.33	0.19	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1089.13	1093.02	1088.09	1090.08	0.24	ppb
Molybdenum	94-1	2474.84	2428.80	2434.35	2446.00	1.03	ppb
Molybdenum	95-1	2472.32	2448.26	2451.23	2457.27	0.53	ppb
Molybdenum	96-1	2462.19	2432.19	2437.83	2444.07	0.65	ppb
Molybdenum	97-1	2457.54	2429.00	2426.95	2437.83	0.70	ppb
Molybdenum	98-1	2443.23	2408.98	2430.62	2427.61	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.37	529.06	525.92	527.79	0.31	ppb
Phosphorus	31-2	-14.56	-4.02	-9.54	-9.37		ppb
Potassium	39-2	26230.72	26342.22	26156.93	26243.29	0.36	ppb
Rhodium	103-1				80		%
Rhodium	103-2				77		%
Scandium	45-1				79		%
Scandium	45-2				76		%
Selenium	77-2	501.54	480.60	512.46	498.20	3.25	ppb
Selenium	78-2	500.25	494.01	497.85	497.37	0.63	ppb
Selenium	82-1	511.83	505.84	505.97	507.88	0.67	ppb
Silicon	28-1	4038.35	4096.79	4103.42	4079.52	0.88	ppb
Silver	109-1	474.14	466.19	461.92	467.42	1.33	ppb
Silver	107-1	475.08	467.37	465.58	469.34	1.08	ppb
Sodium	23-2	62210.09	62262.52	61932.97	62135.19	0.28	ppb
Strontium	86-1	1011.61	988.83	989.71	996.72	1.29	ppb
Strontium	88-1	1027.13	1011.09	1010.22	1016.15	0.94	ppb
Sulfur	34-1	4519.79	4362.35	4276.30	4386.15	2.82	ppb
Terbium	159-1				91		%
Terbium	159-2				84		%
Thallium	203-1	499.23	492.24	495.20	495.56	0.71	ppb
Thallium	205-1	515.97	514.02	516.62	515.54	0.26	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	12.94	ppb
Tin	118-1	512.45	505.86	500.30	506.20	1.20	ppb
Titanium	47-1	2493.44	2472.48	2462.87	2476.26	0.63	ppb
Uranium	238-1	492.83	485.95	491.88	490.22	0.76	ppb
Vanadium	51-2	506.20	510.63	506.64	507.82	0.48	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	914.43	921.29	920.27	918.66	0.40	ppb
Zirconium	90-1	490.62	484.06	483.98	486.22	0.78	ppb
Zirconium	91-1	484.62	477.36	476.27	479.42	0.95	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9494.33	9506.26	9677.74	9559.44	1.07	ppb
Antimony	121-1	522.13	516.09	511.37	516.53	1.04	ppb
Arsenic	75-2	538.44	537.73	535.00	537.06	0.34	ppb
Barium	135-1	2715.16	2687.49	2665.38	2689.34	0.93	ppb
Barium	137-1	2696.88	2673.87	2643.27	2671.34	1.01	ppb
Beryllium	9-1	486.73	484.90	480.21	483.95	0.69	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	10-1	499.64	512.61	509.21	507.15	1.33	ppb
Boron	11-1	512.43	523.63	531.39	522.48	1.82	ppb
Cadmium	111-1	500.32	492.71	486.24	493.09	1.43	ppb
Cadmium	106-1	494.07	489.54	475.84	486.49	1.95	ppb
Cadmium	108-1	489.76	484.51	490.11	488.13	0.64	ppb
Calcium	43-1	126832.16	124841.90	123936.41	125203.49	1.18	ppb
Calcium	44-1	129761.13	128337.17	128171.82	128756.70	0.68	ppb
Chromium	52-2	512.68	515.61	513.28	513.86	0.30	ppb
Cobalt	59-2	523.66	527.68	525.67	525.67	0.38	ppb
Copper	63-2	1008.11	1018.86	1015.08	1014.02	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	26934.97	27104.67	27062.05	27033.89	0.33	ppb
Iron	57-2	26745.55	26967.18	26992.76	26901.83	0.51	ppb
Krypton	83-1						cps
Lead	206-1	508.93	507.35	508.38	508.22	0.16	ppb
Lead	207-1	528.74	526.25	522.65	525.88	0.58	ppb
Lead	208-1	519.84	520.08	518.55	519.49	0.16	ppb
Lithium	6-1				77		%
Magnesium	24-2	63803.09	64170.34	63867.17	63946.87	0.31	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1100.84	1107.32	1107.07	1105.08	0.33	ppb
Molybdenum	94-1	2466.90	2460.73	2434.90	2454.18	0.69	ppb
Molybdenum	95-1	2481.99	2482.56	2450.88	2471.81	0.73	ppb
Molybdenum	96-1	2482.08	2475.51	2443.60	2467.06	0.83	ppb
Molybdenum	97-1	2463.68	2468.99	2435.70	2456.12	0.73	ppb
Molybdenum	98-1	2468.52	2456.90	2430.75	2452.06	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.22	536.97	531.80	534.33	0.48	ppb
Phosphorus	31-2	-4.02	-11.50	-11.72	-9.08		ppb
Potassium	39-2	26222.77	26334.50	26333.60	26296.96	0.24	ppb
Rhodium	103-1				81		%
Rhodium	103-2				77		%
Scandium	45-1				80		%
Scandium	45-2				75		%
Selenium	77-2	513.52	508.14	493.55	505.07	2.05	ppb
Selenium	78-2	513.30	495.71	493.85	500.95	2.14	ppb
Selenium	82-1	515.26	509.17	503.06	509.16	1.20	ppb
Silicon	28-1	4029.74	4108.14	4149.89	4095.92	1.49	ppb
Silver	109-1	473.99	469.07	467.06	470.04	0.76	ppb
Silver	107-1	477.30	467.97	468.18	471.15	1.13	ppb
Sodium	23-2	62116.09	62369.28	62153.62	62213.00	0.22	ppb
Strontium	86-1	1007.38	993.79	996.79	999.32	0.71	ppb
Strontium	88-1	1026.54	1023.13	1017.39	1022.35	0.45	ppb
Sulfur	34-1	4532.78	4397.34	4246.55	4392.22	3.26	ppb
Terbium	159-1				92		%
Terbium	159-2				83		%
Thallium	203-1	498.94	494.82	499.50	497.75	0.51	ppb
Thallium	205-1	516.41	517.04	522.99	518.81	0.70	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.83	ppb
Tin	118-1	513.31	503.19	505.13	507.21	1.06	ppb
Titanium	47-1	2524.91	2478.76	2475.37	2493.01	1.11	ppb
Uranium	238-1	493.67	495.82	496.08	495.19	0.27	ppb
Vanadium	51-2	509.71	512.18	509.24	510.38	0.31	ppb
Yttrium	89-1				85		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	928.87	936.49	940.36	935.24	0.62	ppb
Zirconium	90-1	491.55	489.91	485.56	489.00	0.63	ppb
Zirconium	91-1	483.77	481.58	474.25	479.87	1.04	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46980.30	46849.50	47701.49	47177.10	0.97	ppb
Antimony	121-1	463.66	462.08	460.95	462.23	0.29	ppb
Arsenic	75-2	513.66	508.45	510.26	510.79	0.52	ppb
Barium	135-1	2416.97	2491.55	2380.37	2429.63	2.33	ppb
Barium	137-1	2489.93	2494.39	2460.02	2481.45	0.75	ppb
Beryllium	9-1	501.49	498.65	497.88	499.34	0.38	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	482.57	479.35	497.87	486.60	2.03	ppb
Boron	11-1	481.16	486.02	497.19	488.12	1.68	ppb
Cadmium	111-1	512.00	510.40	504.42	508.94	0.79	ppb
Cadmium	106-1	497.26	504.27	495.60	499.04	0.92	ppb
Cadmium	108-1	507.06	506.93	501.80	505.26	0.59	ppb
Calcium	43-1	233975.38	230396.69	232217.15	232196.41	0.77	ppb
Calcium	44-1	233310.02	230388.42	231464.77	231721.07	0.64	ppb
Chromium	52-2	478.80	477.02	479.56	478.46	0.27	ppb
Cobalt	59-2	472.44	468.88	472.18	471.17	0.42	ppb
Copper	63-2	976.18	976.97	981.50	978.22	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	120046.09	119532.07	120529.44	120035.87	0.42	ppb
Iron	57-2	120192.09	119275.54	120206.32	119891.31	0.44	ppb
Krypton	83-1						cps
Lead	206-1	498.82	488.41	489.55	492.26	1.16	ppb
Lead	207-1	497.54	498.60	490.89	495.68	0.84	ppb
Lead	208-1	503.56	499.16	494.89	499.20	0.87	ppb
Lithium	6-1				80		%
Magnesium	24-2	239731.86	237785.97	239875.48	239131.10	0.49	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	938.13	931.67	943.03	937.61	0.61	ppb
Molybdenum	94-1	2511.69	2487.63	2492.61	2497.31	0.51	ppb
Molybdenum	95-1	2512.11	2492.73	2495.01	2499.95	0.42	ppb
Molybdenum	96-1	2501.97	2487.30	2497.26	2495.51	0.30	ppb
Molybdenum	97-1	2504.47	2480.80	2501.75	2495.67	0.52	ppb
Molybdenum	98-1	2499.77	2490.23	2480.08	2490.03	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.84	467.05	468.10	467.00	0.24	ppb
Phosphorus	31-2	9410.07	9257.42	9295.08	9320.86	0.85	ppb
Potassium	39-2	120997.65	119373.62	120801.52	120390.93	0.74	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	77-2	510.45	513.33	487.87	503.88	2.77	ppb
Selenium	78-2	498.14	494.14	487.47	493.25	1.09	ppb
Selenium	82-1	503.04	495.53	499.96	499.51	0.76	ppb
Silicon	28-1	490.39	485.48	492.86	489.58	0.77	ppb
Silver	109-1	490.66	484.45	486.91	487.34	0.64	ppb
Silver	107-1	512.56	513.61	513.12	513.10	0.10	ppb
Sodium	23-2	239878.56	238274.38	241221.79	239791.58	0.62	ppb
Strontium	86-1	490.90	481.32	482.39	484.87	1.08	ppb
Strontium	88-1	498.47	492.30	492.42	494.40	0.71	ppb
Sulfur	34-1	9095.12	8945.74	9121.32	9054.06	1.05	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	495.44	486.87	490.27	490.86	0.88	ppb
Thallium	205-1	519.97	512.04	513.85	515.29	0.81	ppb
Thorium	232-1	517.37	513.37	511.25	514.00	0.60	ppb
Tin	118-1	476.27	474.92	476.49	475.89	0.18	ppb
Titanium	47-1	2389.98	2344.63	2376.38	2370.33	0.98	ppb
Uranium	238-1	515.57	511.93	504.22	510.57	1.14	ppb
Vanadium	51-2	477.85	476.79	480.49	478.37	0.40	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1009.18	1007.57	1017.91	1011.55	0.55	ppb
Zirconium	90-1	502.48	498.61	498.20	499.76	0.47	ppb
Zirconium	91-1	494.51	489.50	489.75	491.25	0.58	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	1.20	0.37	0.72	59.52	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	6.85	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00		ppb
Barium	135-1	0.02	0.00	0.00	0.01	204.69	ppb
Barium	137-1	0.00	0.00	0.01	0.00	130.89	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	24.97	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	7.18	7.53	6.85	7.19	4.69	ppb
Boron	11-1	7.16	7.57	7.77	7.50	4.20	ppb
Cadmium	111-1	-0.14	0.00	0.08	-0.02		ppb
Cadmium	106-1	-1.97	-0.38	0.88	-0.49		ppb
Cadmium	108-1	0.03	0.15	0.05	0.08	80.38	ppb
Calcium	43-1	1.88	2.84	2.21	2.31	21.23	ppb
Calcium	44-1	2.86	3.21	3.71	3.26	13.02	ppb
Chromium	52-2	0.15	0.11	0.11	0.12	19.73	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.16	0.19	0.14	0.16	13.72	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				92		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	0.60	0.66	0.52	0.59	11.65	ppb
Iron	57-2	1.73	1.04	0.53	1.10	54.95	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.06	0.07	14.15	ppb
Lead	207-1	0.06	0.05	0.06	0.06	13.99	ppb
Lead	208-1	0.06	0.05	0.05	0.06	9.12	ppb
Lithium	6-1				85		%
Magnesium	24-2	-0.32	-0.64	-0.21	-0.39		ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	134.65	ppb
Molybdenum	94-1	0.11	0.07	0.07	0.08	29.02	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.03	32.58	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.05	20.22	ppb
Molybdenum	97-1	0.08	0.10	0.06	0.08	22.65	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	23.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-13.90	-27.21	-34.06	-25.06		ppb
Potassium	39-2	15.78	12.80	15.48	14.69	11.19	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	-0.08	0.27	0.42	140.60	ppb
Selenium	82-1	-0.08	0.33	0.16	0.14	153.90	ppb
Silicon	28-1	5.88	6.08	5.91	5.96	1.84	ppb
Silver	109-1	0.01	0.02	0.01	0.02	20.97	ppb
Silver	107-1	0.02	0.02	0.03	0.02	22.42	ppb
Sodium	23-2	16.10	17.50	16.03	16.54	5.00	ppb
Strontium	86-1	0.00	0.04	0.00	0.02	136.10	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	4.97	ppb
Sulfur	34-1	440.50	474.47	471.61	462.19	4.08	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.02	0.02	0.01	25.64	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	55.37	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	22.70	ppb
Tin	118-1	0.09	0.11	0.12	0.11	15.24	ppb
Titanium	47-1	0.03	0.06	0.06	0.05	41.30	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	14.70	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	0.01	-0.05	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	43.00	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	69.72	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.75	42.18	45.74	42.22	8.28	ppb
Antimony	121-1	1.20	1.18	1.25	1.21	2.80	ppb
Arsenic	75-2	0.94	1.09	1.13	1.05	9.33	ppb
Barium	135-1	25.41	25.32	25.59	25.44	0.54	ppb
Barium	137-1	26.10	25.53	25.72	25.78	1.14	ppb
Beryllium	9-1	0.03	0.02	0.00	0.02	84.69	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	17.99	18.19	18.09	18.09	0.56	ppb
Boron	11-1	18.15	18.43	18.26	18.28	0.77	ppb
Cadmium	111-1	-0.16	-0.34	-0.23	-0.24		ppb
Cadmium	106-1	-3.82	-6.47	-5.19	-5.16		ppb
Cadmium	108-1	0.06	0.15	0.03	0.08	77.27	ppb
Calcium	43-1	67631.45	67166.30	67019.29	67272.35	0.48	ppb
Calcium	44-1	69528.23	68909.54	69348.27	69262.01	0.46	ppb
Chromium	52-2	1.64	1.66	1.57	1.62	2.91	ppb
Cobalt	59-2	0.16	0.15	0.17	0.16	8.44	ppb
Copper	63-2	3.68	3.76	3.56	3.67	2.71	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				91		%
Holmium	165-2				87		%
Indium	115-1				86		%
Indium	115-2				78		%
Iron	56-2	348.95	356.03	352.27	352.42	1.01	ppb
Iron	57-2	553.11	551.35	562.27	555.57	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.46	0.52	0.51	8.61	ppb
Lead	207-1	0.46	0.45	0.50	0.47	5.40	ppb
Lead	208-1	0.50	0.45	0.48	0.48	5.01	ppb
Lithium	6-1				84		%
Magnesium	24-2	12727.05	12826.29	12850.89	12801.41	0.51	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	134.49	136.60	136.51	135.87	0.88	ppb
Molybdenum	94-1	0.50	0.58	0.44	0.51	13.62	ppb
Molybdenum	95-1	0.32	0.33	0.28	0.31	8.86	ppb
Molybdenum	96-1	0.38	0.41	0.35	0.38	8.65	ppb
Molybdenum	97-1	0.38	0.42	0.28	0.36	20.32	ppb
Molybdenum	98-1	0.36	0.35	0.33	0.35	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.46	0.47	0.48	5.31	ppb
Phosphorus	31-2	3.12	14.60	1.16	6.29	115.42	ppb
Potassium	39-2	1455.71	1480.26	1479.66	1471.88	0.95	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				76		%
Selenium	77-2	1.01	0.51	0.50	0.67	43.50	ppb
Selenium	78-2	-0.53	0.14	0.12	-0.09		ppb
Selenium	82-1	-0.06	0.32	0.36	0.20	113.80	ppb
Silicon	28-1	3198.77	3148.45	3161.83	3169.68	0.82	ppb
Silver	109-1	0.41	0.32	0.27	0.33	20.93	ppb
Silver	107-1	0.38	0.35	0.29	0.34	14.68	ppb
Sodium	23-2	11654.54	11766.09	11722.78	11714.47	0.48	ppb
Strontium	86-1	514.58	505.83	508.76	509.72	0.87	ppb
Strontium	88-1	526.22	519.87	516.83	520.98	0.92	ppb
Sulfur	34-1	4531.22	4213.46	4295.94	4346.87	3.79	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	0.15	0.14	0.09	0.13	24.11	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	15.60	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.68	ppb
Tin	118-1	2.23	2.14	2.12	2.16	2.76	ppb
Titanium	47-1	0.94	0.94	0.92	0.93	1.14	ppb
Uranium	238-1	0.71	0.69	0.68	0.69	1.93	ppb
Vanadium	51-2	0.45	0.53	0.47	0.48	8.20	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.56	9.56	9.63	9.58	0.43	ppb
Zirconium	90-1	0.12	0.14	0.13	0.13	6.77	ppb
Zirconium	91-1	0.14	0.10	0.14	0.13	16.95	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.23	16.19	17.69	17.04	4.53	ppb
Antimony	121-1	0.88	0.91	0.96	0.92	4.09	ppb
Arsenic	75-2	0.62	0.75	0.76	0.71	10.97	ppb
Barium	135-1	26.65	26.15	27.25	26.69	2.07	ppb
Barium	137-1	26.69	26.22	26.53	26.48	0.91	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	21.93	ppb
Bismuth	209-1				88		%
Bismuth	209-2				81		%
Boron	10-1	18.73	18.76	17.94	18.48	2.53	ppb
Boron	11-1	19.51	19.42	19.47	19.47	0.23	ppb
Cadmium	111-1	-0.38	-0.33	-0.27	-0.33		ppb
Cadmium	106-1	-5.84	-5.33	-4.37	-5.18		ppb
Cadmium	108-1	0.01	0.03	0.03	0.02	59.16	ppb
Calcium	43-1	68299.83	68872.51	68968.59	68713.64	0.53	ppb
Calcium	44-1	70628.53	71152.00	71448.51	71076.34	0.58	ppb
Chromium	52-2	1.36	1.35	1.41	1.37	2.20	ppb
Cobalt	59-2	0.14	0.14	0.13	0.14	4.50	ppb
Copper	63-2	3.06	3.08	3.00	3.05	1.47	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				93		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				78		%
Iron	56-2	183.79	180.98	181.22	182.00	0.85	ppb
Iron	57-2	391.79	392.85	393.41	392.69	0.21	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.31	0.32	0.30	9.22	ppb
Lead	207-1	0.29	0.33	0.26	0.30	11.97	ppb
Lead	208-1	0.28	0.29	0.26	0.28	5.07	ppb
Lithium	6-1				81		%
Magnesium	24-2	13576.32	13475.17	13335.78	13462.43	0.90	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	68.78	69.77	67.93	68.83	1.34	ppb
Molybdenum	94-1	0.37	0.38	0.35	0.36	3.97	ppb
Molybdenum	95-1	0.34	0.31	0.29	0.31	9.31	ppb
Molybdenum	96-1	0.38	0.31	0.30	0.33	13.23	ppb
Molybdenum	97-1	0.29	0.30	0.34	0.31	8.47	ppb
Molybdenum	98-1	0.27	0.31	0.33	0.30	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.39	0.32	0.38	16.09	ppb
Phosphorus	31-2	-24.73	-19.63	-6.15	-16.84		ppb
Potassium	39-2	1254.49	1255.23	1245.37	1251.70	0.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				74		%
Selenium	77-2	1.01	4.01	1.02	2.01	85.88	ppb
Selenium	78-2	0.40	-0.04	0.32	0.22	103.60	ppb
Selenium	82-1	0.46	0.18	0.20	0.28	55.64	ppb
Silicon	28-1	3264.12	3297.27	3286.25	3282.55	0.51	ppb
Silver	109-1	0.15	0.17	0.16	0.16	6.96	ppb
Silver	107-1	0.18	0.16	0.16	0.17	6.50	ppb
Sodium	23-2	11089.01	11150.45	11047.63	11095.69	0.47	ppb
Strontium	86-1	520.79	524.97	527.80	524.52	0.67	ppb
Strontium	88-1	535.09	543.03	540.96	539.69	0.76	ppb
Sulfur	34-1	4824.15	4904.32	4782.21	4836.89	1.28	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	0.01	0.02	0.00	0.01	107.92	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	45.84	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.32	ppb
Tin	118-1	1.56	1.57	1.52	1.55	1.70	ppb
Titanium	47-1	0.65	0.79	0.58	0.67	15.50	ppb
Uranium	238-1	0.75	0.74	0.76	0.75	1.32	ppb
Vanadium	51-2	0.50	0.60	0.50	0.53	10.16	ppb
Yttrium	89-1				85		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.77	11.00	10.03	10.26	6.30	ppb
Zirconium	90-1	0.08	0.09	0.12	0.10	22.57	ppb
Zirconium	91-1	0.09	0.13	0.12	0.12	17.77	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.76	65.59	58.69	60.01	8.41	ppb
Antimony	121-1	0.85	0.94	0.91	0.90	5.07	ppb
Arsenic	75-2	1.76	1.94	2.06	1.92	7.91	ppb
Barium	135-1	13.95	14.04	14.03	14.01	0.34	ppb
Barium	137-1	14.09	14.43	13.83	14.12	2.10	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	53.43	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	13.05	12.05	12.87	12.65	4.20	ppb
Boron	11-1	12.88	13.69	13.36	13.31	3.06	ppb
Cadmium	111-1	-0.33	-0.39	-0.30	-0.34		ppb
Cadmium	106-1	-4.94	-5.96	-4.73	-5.21		ppb
Cadmium	108-1	0.13	0.13	0.00	0.09	82.86	ppb
Calcium	43-1	44233.68	46408.37	43282.10	44641.38	3.59	ppb
Calcium	44-1	45461.16	48173.53	44615.03	46083.24	4.03	ppb
Chromium	52-2	1.35	1.43	1.33	1.37	3.68	ppb
Cobalt	59-2	1.14	1.18	1.22	1.18	3.60	ppb
Copper	63-2	2.41	2.48	2.62	2.50	4.35	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				93		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				78		%
Iron	56-2	850.72	869.01	859.25	859.66	1.06	ppb
Iron	57-2	979.26	982.54	1006.02	989.27	1.48	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.35	0.35	0.37	7.82	ppb
Lead	207-1	0.35	0.39	0.37	0.37	4.48	ppb
Lead	208-1	0.37	0.37	0.36	0.37	1.64	ppb
Lithium	6-1				77		%
Magnesium	24-2	4334.21	4438.65	4454.31	4409.06	1.48	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1061.08	1087.38	1082.17	1076.88	1.29	ppb
Molybdenum	94-1	0.69	0.78	0.70	0.73	6.89	ppb
Molybdenum	95-1	0.48	0.51	0.50	0.50	2.86	ppb
Molybdenum	96-1	0.57	0.52	0.50	0.53	7.42	ppb
Molybdenum	97-1	0.45	0.55	0.51	0.50	10.23	ppb
Molybdenum	98-1	0.52	0.46	0.47	0.49	6.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.24	1.18	1.22	2.77	ppb
Phosphorus	31-2	-8.67	2.28	4.84	-0.52		ppb
Potassium	39-2	1419.95	1467.81	1443.29	1443.68	1.66	ppb
Rhodium	103-1				83		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				74		%
Selenium	77-2	1.01	0.50	2.02	1.18	65.52	ppb
Selenium	78-2	-0.02	-0.11	0.23	0.03	552.61	ppb
Selenium	82-1	-0.05	0.08	0.19	0.08	157.51	ppb
Silicon	28-1	1950.75	2055.72	1905.47	1970.65	3.91	ppb
Silver	109-1	0.10	0.10	0.11	0.10	9.58	ppb
Silver	107-1	0.13	0.11	0.11	0.12	8.18	ppb
Sodium	23-2	10262.69	10492.13	10428.65	10394.49	1.14	ppb
Strontium	86-1	243.10	245.03	235.97	241.37	1.98	ppb
Strontium	88-1	248.03	250.80	241.91	246.91	1.84	ppb
Sulfur	34-1	564.20	788.61	467.53	606.78	27.15	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.01	0.01	0.01	51.42	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	43.51	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	9.85	ppb
Tin	118-1	1.38	1.38	1.37	1.38	0.37	ppb
Titanium	47-1	1.34	1.64	1.40	1.46	10.76	ppb
Uranium	238-1	0.16	0.14	0.14	0.14	9.91	ppb
Vanadium	51-2	0.43	0.47	0.43	0.44	4.90	ppb
Yttrium	89-1				84		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.31	9.45	9.35	9.37	0.74	ppb
Zirconium	90-1	0.26	0.26	0.26	0.26	0.78	ppb
Zirconium	91-1	0.20	0.29	0.23	0.24	17.40	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.53	23.86	28.21	26.20	8.39	ppb
Antimony	121-1	0.86	0.87	0.88	0.87	1.19	ppb
Arsenic	75-2	1.11	0.97	1.12	1.07	8.00	ppb
Barium	135-1	24.53	24.62	24.80	24.65	0.56	ppb
Barium	137-1	24.52	24.33	24.73	24.53	0.82	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	72.85	ppb
Bismuth	209-1				89		%
Bismuth	209-2				81		%
Boron	10-1	16.56	15.76	17.47	16.60	5.17	ppb
Boron	11-1	16.86	17.95	18.06	17.63	3.77	ppb
Cadmium	111-1	-0.32	-0.38	-0.38	-0.36		ppb
Cadmium	106-1	-4.58	-5.60	-5.46	-5.21		ppb
Cadmium	108-1	0.01	-0.02	0.03	0.01	457.59	ppb
Calcium	43-1	65629.09	65724.74	65373.19	65575.67	0.28	ppb
Calcium	44-1	67824.39	67785.16	68230.86	67946.80	0.36	ppb
Chromium	52-2	1.12	1.14	1.08	1.11	2.69	ppb
Cobalt	59-2	0.15	0.15	0.14	0.15	6.49	ppb
Copper	63-2	2.58	2.65	2.64	2.62	1.53	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				95		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	335.16	338.69	339.29	337.71	0.66	ppb
Iron	57-2	533.19	545.19	549.06	542.48	1.53	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.28	0.27	6.65	ppb
Lead	207-1	0.28	0.29	0.28	0.28	2.27	ppb
Lead	208-1	0.27	0.27	0.28	0.27	3.11	ppb
Lithium	6-1				76		%
Magnesium	24-2	12336.97	12380.89	12500.23	12406.03	0.68	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	142.01	143.25	143.12	142.79	0.48	ppb
Molybdenum	94-1	0.38	0.34	0.41	0.38	10.04	ppb
Molybdenum	95-1	0.30	0.30	0.34	0.32	7.63	ppb
Molybdenum	96-1	0.30	0.33	0.31	0.31	4.37	ppb
Molybdenum	97-1	0.29	0.35	0.30	0.31	9.96	ppb
Molybdenum	98-1	0.31	0.34	0.35	0.33	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.37	0.48	0.43	13.39	ppb
Phosphorus	31-2	-3.32	-27.36	-16.58	-15.76		ppb
Potassium	39-2	1455.21	1450.58	1458.14	1454.64	0.26	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				74		%
Selenium	77-2	1.02	0.50	1.50	1.01	49.46	ppb
Selenium	78-2	0.24	-0.78	-0.54	-0.36		ppb
Selenium	82-1	0.29	0.45	0.02	0.25	85.73	ppb
Silicon	28-1	3018.80	3023.90	3032.78	3025.16	0.23	ppb
Silver	109-1	0.08	0.10	0.10	0.10	11.24	ppb
Silver	107-1	0.11	0.11	0.10	0.11	7.18	ppb
Sodium	23-2	11357.69	11292.25	11433.94	11361.29	0.62	ppb
Strontium	86-1	497.11	495.21	499.38	497.24	0.42	ppb
Strontium	88-1	506.02	512.13	514.40	510.85	0.85	ppb
Sulfur	34-1	4280.57	4102.95	4167.33	4183.61	2.15	ppb
Terbium	159-1				94		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.02	0.00	0.01	184.94	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1119.63	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.88	ppb
Tin	118-1	1.15	1.25	1.31	1.24	6.35	ppb
Titanium	47-1	0.69	0.70	0.71	0.70	1.66	ppb
Uranium	238-1	0.70	0.68	0.72	0.70	2.85	ppb
Vanadium	51-2	0.53	0.58	0.55	0.55	4.49	ppb
Yttrium	89-1				86		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.65	7.12	7.71	7.49	4.29	ppb
Zirconium	90-1	0.08	0.09	0.11	0.09	17.84	ppb
Zirconium	91-1	0.08	0.15	0.10	0.11	32.54	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.62	22.90	23.36	23.29	1.57	ppb
Antimony	121-1	0.89	0.93	0.92	0.91	2.66	ppb
Arsenic	75-2	0.82	1.05	0.93	0.93	12.59	ppb
Barium	135-1	23.92	24.13	24.61	24.22	1.45	ppb
Barium	137-1	24.58	24.12	24.41	24.37	0.97	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	23.90	ppb
Bismuth	209-1				90		%
Bismuth	209-2				81		%
Boron	10-1	17.03	18.17	16.05	17.08	6.19	ppb
Boron	11-1	17.06	16.94	16.82	16.94	0.71	ppb
Cadmium	111-1	-0.45	-0.43	-0.27	-0.38		ppb
Cadmium	106-1	-6.45	-6.10	-3.98	-5.51		ppb
Cadmium	108-1	-0.02	0.03	0.00	0.00	488.70	ppb
Calcium	43-1	64879.45	65335.25	65433.33	65216.01	0.45	ppb
Calcium	44-1	67207.87	67886.13	67910.45	67668.15	0.59	ppb
Chromium	52-2	1.14	1.04	1.07	1.08	4.57	ppb
Cobalt	59-2	0.14	0.14	0.15	0.14	5.43	ppb
Copper	63-2	2.42	2.37	2.27	2.35	3.18	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				94		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	338.01	334.44	332.32	334.92	0.86	ppb
Iron	57-2	536.28	538.94	546.30	540.51	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.25	0.25	1.09	ppb
Lead	207-1	0.23	0.25	0.24	0.24	4.67	ppb
Lead	208-1	0.25	0.24	0.24	0.24	1.93	ppb
Lithium	6-1				75		%
Magnesium	24-2	12648.57	12478.31	12505.80	12544.23	0.73	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	140.75	138.53	140.14	139.81	0.82	ppb
Molybdenum	94-1	0.33	0.35	0.32	0.33	5.80	ppb
Molybdenum	95-1	0.29	0.32	0.34	0.32	8.73	ppb
Molybdenum	96-1	0.30	0.36	0.33	0.33	8.69	ppb
Molybdenum	97-1	0.35	0.34	0.28	0.32	11.60	ppb
Molybdenum	98-1	0.29	0.33	0.30	0.31	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.43	0.39	0.41	5.30	ppb
Phosphorus	31-2	-21.61	-5.61	2.59	-8.21		ppb
Potassium	39-2	1478.25	1428.74	1447.03	1451.34	1.73	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				73		%
Selenium	77-2	2.02	1.01	1.01	1.35	43.41	ppb
Selenium	78-2	0.48	0.63	0.14	0.42	60.13	ppb
Selenium	82-1	0.02	0.43	0.25	0.24	86.39	ppb
Silicon	28-1	2997.33	3026.10	3022.67	3015.36	0.52	ppb
Silver	109-1	0.08	0.08	0.07	0.08	1.58	ppb
Silver	107-1	0.09	0.09	0.07	0.08	12.23	ppb
Sodium	23-2	11602.40	11402.90	11418.40	11474.57	0.97	ppb
Strontium	86-1	490.12	494.86	493.55	492.84	0.50	ppb
Strontium	88-1	502.80	512.45	509.17	508.14	0.97	ppb
Sulfur	34-1	4306.29	4267.44	4330.78	4301.50	0.74	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.01	0.00	0.01	30.55	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	91.86	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.72	ppb
Tin	118-1	1.09	1.15	1.19	1.14	4.78	ppb
Titanium	47-1	0.58	0.72	0.61	0.64	11.59	ppb
Uranium	238-1	0.69	0.73	0.71	0.71	3.00	ppb
Vanadium	51-2	0.64	0.57	0.62	0.61	5.74	ppb
Yttrium	89-1				86		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.95	9.86	9.80	9.87	0.77	ppb
Zirconium	90-1	0.09	0.11	0.10	0.10	7.95	ppb
Zirconium	91-1	0.10	0.11	0.14	0.11	16.77	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.02	37.60	40.79	37.14	10.51	ppb
Antimony	121-1	0.99	0.96	0.95	0.97	2.08	ppb
Arsenic	75-2	1.00	1.07	1.07	1.05	3.63	ppb
Barium	135-1	16.63	16.75	16.75	16.71	0.42	ppb
Barium	137-1	16.42	16.67	16.56	16.55	0.76	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	31.28	ppb
Bismuth	209-1				90		%
Bismuth	209-2				82		%
Boron	10-1	17.32	17.55	16.36	17.08	3.71	ppb
Boron	11-1	17.03	17.33	17.66	17.34	1.81	ppb
Cadmium	111-1	-0.30	-0.38	-0.37	-0.35		ppb
Cadmium	106-1	-4.48	-5.41	-5.32	-5.07		ppb
Cadmium	108-1	0.03	0.07	0.10	0.07	50.99	ppb
Calcium	43-1	62913.17	60351.03	60750.39	61338.20	2.25	ppb
Calcium	44-1	65309.48	63099.29	62814.08	63740.95	2.14	ppb
Chromium	52-2	1.18	1.17	1.21	1.19	1.62	ppb
Cobalt	59-2	0.16	0.18	0.19	0.18	9.25	ppb
Copper	63-2	2.58	2.55	2.47	2.53	2.23	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				95		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	420.81	421.76	421.72	421.43	0.13	ppb
Iron	57-2	608.10	596.50	612.13	605.58	1.34	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.49	0.48	0.48	1.65	ppb
Lead	207-1	0.47	0.47	0.46	0.46	1.36	ppb
Lead	208-1	0.47	0.46	0.45	0.46	2.32	ppb
Lithium	6-1				75		%
Magnesium	24-2	11623.36	11549.55	11557.12	11576.68	0.35	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	109.65	109.01	109.19	109.28	0.30	ppb
Molybdenum	94-1	0.44	0.33	0.42	0.40	13.90	ppb
Molybdenum	95-1	0.33	0.34	0.38	0.35	8.33	ppb
Molybdenum	96-1	0.32	0.38	0.38	0.36	9.89	ppb
Molybdenum	97-1	0.40	0.40	0.38	0.39	3.97	ppb
Molybdenum	98-1	0.38	0.36	0.33	0.36	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.53	0.57	0.58	9.64	ppb
Phosphorus	31-2	-0.02	-19.11	4.78	-4.78		ppb
Potassium	39-2	1535.73	1534.28	1543.37	1537.79	0.32	ppb
Rhodium	103-1				85		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				73		%
Selenium	77-2	1.54	1.52	1.51	1.52	0.75	ppb
Selenium	78-2	0.25	0.07	0.14	0.15	61.03	ppb
Selenium	82-1	0.17	0.28	0.18	0.21	29.94	ppb
Silicon	28-1	3058.10	2930.52	2952.54	2980.39	2.29	ppb
Silver	109-1	0.07	0.08	0.09	0.08	15.02	ppb
Silver	107-1	0.09	0.07	0.07	0.08	12.44	ppb
Sodium	23-2	10671.43	10646.28	10683.60	10667.10	0.18	ppb
Strontium	86-1	452.80	453.83	457.22	454.62	0.51	ppb
Strontium	88-1	463.63	470.09	470.59	468.11	0.83	ppb
Sulfur	34-1	4580.69	4099.82	4205.44	4295.32	5.88	ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.00	0.00	0.00	358.62	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	275.07	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	36.18	ppb
Tin	118-1	1.06	1.15	1.14	1.12	4.60	ppb
Titanium	47-1	0.91	0.73	0.89	0.84	11.87	ppb
Uranium	238-1	0.70	0.68	0.63	0.67	5.12	ppb
Vanadium	51-2	0.70	0.69	0.63	0.67	5.20	ppb
Yttrium	89-1				86		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.78	12.09	12.02	12.30	3.40	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	7.45	ppb
Zirconium	91-1	0.09	0.07	0.10	0.09	17.21	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.07	11.43	14.00	12.16	13.15	ppb
Antimony	121-1	0.93	0.98	0.94	0.95	3.21	ppb
Arsenic	75-2	0.85	0.67	0.96	0.83	17.30	ppb
Barium	135-1	28.90	28.43	28.14	28.49	1.36	ppb
Barium	137-1	28.97	28.48	28.63	28.70	0.88	ppb
Beryllium	9-1	0.00	0.03	0.04	0.02	90.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	15.04	15.85	15.27	15.38	2.72	ppb
Boron	11-1	14.54	15.93	15.77	15.41	4.94	ppb
Cadmium	111-1	-0.28	-0.46	-0.40	-0.38		ppb
Cadmium	106-1	-4.10	-6.49	-5.61	-5.40		ppb
Cadmium	108-1	0.08	0.07	0.10	0.08	16.16	ppb
Calcium	43-1	75311.13	75530.48	75300.25	75380.62	0.17	ppb
Calcium	44-1	77912.70	78771.20	78575.17	78419.69	0.57	ppb
Chromium	52-2	1.16	1.11	1.18	1.15	3.25	ppb
Cobalt	59-2	0.12	0.14	0.15	0.14	11.77	ppb
Copper	63-2	2.37	2.32	2.39	2.36	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				78		%
Iron	56-2	397.88	399.34	395.43	397.55	0.50	ppb
Iron	57-2	637.11	622.31	651.30	636.91	2.28	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.23	0.23	4.74	ppb
Lead	207-1	0.24	0.20	0.23	0.22	11.09	ppb
Lead	208-1	0.23	0.20	0.22	0.22	7.10	ppb
Lithium	6-1				74		%
Magnesium	24-2	12418.43	12368.16	12367.53	12384.70	0.24	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	137.09	136.38	133.93	135.80	1.22	ppb
Molybdenum	94-1	0.36	0.39	0.35	0.36	6.15	ppb
Molybdenum	95-1	0.32	0.33	0.33	0.33	1.79	ppb
Molybdenum	96-1	0.35	0.30	0.31	0.32	8.15	ppb
Molybdenum	97-1	0.30	0.33	0.31	0.31	5.24	ppb
Molybdenum	98-1	0.31	0.33	0.34	0.33	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.39	0.49	0.47	14.82	ppb
Phosphorus	31-2	2.99	-8.14	5.11	-0.01		ppb
Potassium	39-2	1543.05	1527.53	1541.99	1537.52	0.56	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				73		%
Selenium	77-2	1.02	2.53	4.01	2.52	59.31	ppb
Selenium	78-2	0.24	0.57	0.13	0.31	72.53	ppb
Selenium	82-1	-0.08	0.68	-0.03	0.19	222.28	ppb
Silicon	28-1	2866.34	2897.42	2868.31	2877.35	0.60	ppb
Silver	109-1	0.09	0.05	0.06	0.07	33.47	ppb
Silver	107-1	0.06	0.07	0.07	0.07	6.03	ppb
Sodium	23-2	11312.62	11338.31	11360.55	11337.16	0.21	ppb
Strontium	86-1	517.71	520.24	521.80	519.92	0.40	ppb
Strontium	88-1	534.21	533.89	540.49	536.20	0.69	ppb
Sulfur	34-1	4627.86	4606.66	4447.39	4560.63	2.16	ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	59.74	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	6.33	ppb
Tin	118-1	0.97	1.06	1.02	1.02	4.46	ppb
Titanium	47-1	0.41	0.65	0.52	0.53	22.51	ppb
Uranium	238-1	0.74	0.75	0.73	0.74	1.56	ppb
Vanadium	51-2	0.60	0.54	0.61	0.58	6.16	ppb
Yttrium	89-1				86		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.82	10.09	10.20	10.37	3.75	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	16.22	ppb
Zirconium	91-1	0.08	0.06	0.11	0.08	30.06	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.62	3.57	4.06	4.09	12.81	ppb
Antimony	121-1	0.92	0.92	0.89	0.91	1.89	ppb
Arsenic	75-2	1.18	1.33	1.34	1.28	7.13	ppb
Barium	135-1	31.79	31.63	32.18	31.87	0.89	ppb
Barium	137-1	32.51	32.58	32.22	32.44	0.58	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	227.24	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	14.90	13.62	13.49	14.00	5.56	ppb
Boron	11-1	13.92	14.50	14.79	14.40	3.05	ppb
Cadmium	111-1	-0.45	-0.31	-0.46	-0.40		ppb
Cadmium	106-1	-6.60	-4.44	-6.38	-5.81		ppb
Cadmium	108-1	0.03	0.12	0.05	0.07	73.03	ppb
Calcium	43-1	84516.24	83759.52	80186.19	82820.65	2.79	ppb
Calcium	44-1	87712.06	87331.44	83812.30	86285.27	2.49	ppb
Chromium	52-2	1.23	1.15	1.09	1.16	6.32	ppb
Cobalt	59-2	0.24	0.24	0.25	0.24	2.42	ppb
Copper	63-2	2.51	2.47	2.45	2.48	1.25	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				95		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				77		%
Iron	56-2	1361.29	1358.39	1365.48	1361.72	0.26	ppb
Iron	57-2	1565.46	1601.85	1614.52	1593.94	1.60	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.33	0.32	0.34	4.13	ppb
Lead	207-1	0.35	0.34	0.32	0.34	4.63	ppb
Lead	208-1	0.33	0.33	0.32	0.33	1.66	ppb
Lithium	6-1				72		%
Magnesium	24-2	10432.27	10406.42	10497.05	10445.24	0.45	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	580.63	580.91	582.60	581.38	0.18	ppb
Molybdenum	94-1	0.57	0.60	0.56	0.57	4.22	ppb
Molybdenum	95-1	0.38	0.31	0.33	0.34	11.34	ppb
Molybdenum	96-1	0.37	0.41	0.35	0.38	8.56	ppb
Molybdenum	97-1	0.34	0.37	0.35	0.35	3.55	ppb
Molybdenum	98-1	0.33	0.34	0.30	0.32	6.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.56	0.71	0.61	14.02	ppb
Phosphorus	31-2	-1.75	-4.82	6.84	0.09	6601.12	ppb
Potassium	39-2	2768.11	2751.16	2756.06	2758.45	0.32	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				74		%
Scandium	45-2				71		%
Selenium	77-2	0.52	1.54	2.58	1.54	66.65	ppb
Selenium	78-2	0.02	0.59	0.35	0.32	90.09	ppb
Selenium	82-1	0.11	0.17	0.12	0.13	23.86	ppb
Silicon	28-1	3658.88	3628.57	3481.80	3589.75	2.64	ppb
Silver	109-1	0.06	0.06	0.07	0.06	3.61	ppb
Silver	107-1	0.07	0.06	0.07	0.07	5.25	ppb
Sodium	23-2	4606.98	4602.96	4631.57	4613.84	0.34	ppb
Strontium	86-1	475.01	476.44	472.59	474.68	0.41	ppb
Strontium	88-1	490.39	489.35	488.01	489.25	0.24	ppb
Sulfur	34-1	6430.01	6241.96	5724.69	6132.22	5.96	ppb
Terbium	159-1				94		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.00	0.01	0.01	85.89	ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Thorium	232-1	0.02	0.01	0.01	0.01	37.34	ppb
Tin	118-1	0.95	0.94	0.96	0.95	1.15	ppb
Titanium	47-1	0.96	0.90	0.75	0.87	12.68	ppb
Uranium	238-1	0.63	0.65	0.65	0.64	1.58	ppb
Vanadium	51-2	0.49	0.55	0.53	0.52	5.73	ppb
Yttrium	89-1				85		%
Yttrium	89-2				76		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.16	13.56	14.24	13.99	2.63	ppb
Zirconium	90-1	0.21	0.23	0.21	0.22	4.27	ppb
Zirconium	91-1	0.22	0.27	0.21	0.23	15.01	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	4.82	4.03	3.95	22.85	ppb
Antimony	121-1	0.82	0.88	0.87	0.86	3.61	ppb
Arsenic	75-2	0.83	1.02	0.90	0.92	10.82	ppb
Barium	135-1	27.24	27.82	28.19	27.75	1.73	ppb
Barium	137-1	28.58	27.93	28.10	28.20	1.19	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	59.39	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	14.15	12.44	14.85	13.81	8.98	ppb
Boron	11-1	13.61	14.46	13.30	13.79	4.37	ppb
Cadmium	111-1	-0.43	-0.46	-0.50	-0.47		ppb
Cadmium	106-1	-6.13	-6.39	-6.91	-6.48		ppb
Cadmium	108-1	0.05	0.05	0.00	0.04	78.04	ppb
Calcium	43-1	81067.40	81957.90	78154.00	80393.10	2.47	ppb
Calcium	44-1	84087.15	84684.31	80693.65	83155.04	2.59	ppb
Chromium	52-2	1.68	1.51	1.51	1.57	6.44	ppb
Cobalt	59-2	0.17	0.17	0.15	0.16	7.08	ppb
Copper	63-2	2.14	2.16	2.07	2.12	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				76		%
Iron	56-2	600.76	595.07	598.43	598.09	0.48	ppb
Iron	57-2	829.65	831.36	813.79	824.94	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.19	0.21	8.83	ppb
Lead	207-1	0.19	0.20	0.17	0.19	6.84	ppb
Lead	208-1	0.20	0.20	0.20	0.20	1.25	ppb
Lithium	6-1				72		%
Magnesium	24-2	12067.37	11899.90	12003.01	11990.10	0.70	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	112.20	110.73	112.54	111.83	0.86	ppb
Molybdenum	94-1	0.33	0.38	0.41	0.37	11.35	ppb
Molybdenum	95-1	0.32	0.33	0.35	0.33	4.45	ppb
Molybdenum	96-1	0.30	0.31	0.33	0.31	3.70	ppb
Molybdenum	97-1	0.31	0.31	0.28	0.30	5.98	ppb
Molybdenum	98-1	0.32	0.33	0.34	0.33	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.59	0.51	0.56	8.60	ppb
Phosphorus	31-2	-4.66	-7.00	-10.17	-7.28		ppb
Potassium	39-2	1821.47	1799.26	1838.15	1819.63	1.07	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				75		%
Scandium	45-2				71		%
Selenium	77-2	0.51	3.12	2.56	2.07	66.47	ppb
Selenium	78-2	0.34	-0.32	0.85	0.29	202.56	ppb
Selenium	82-1	0.46	0.05	0.08	0.20	113.91	ppb
Silicon	28-1	3755.85	3805.31	3615.02	3725.39	2.65	ppb
Silver	109-1	0.06	0.06	0.05	0.05	10.93	ppb
Silver	107-1	0.06	0.06	0.07	0.06	4.98	ppb
Sodium	23-2	8072.84	8036.44	8104.65	8071.31	0.42	ppb
Strontium	86-1	520.32	521.29	520.58	520.73	0.10	ppb
Strontium	88-1	537.85	540.12	539.12	539.03	0.21	ppb
Sulfur	34-1	5037.14	5073.60	4616.73	4909.16	5.17	ppb
Terbium	159-1				95		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.00	0.01	0.00	786.11	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	5052.27	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	50.33	ppb
Tin	118-1	0.86	0.91	0.97	0.92	5.94	ppb
Titanium	47-1	0.74	0.77	0.79	0.77	3.60	ppb
Uranium	238-1	0.62	0.64	0.66	0.64	2.67	ppb
Vanadium	51-2	0.54	0.54	0.52	0.54	3.06	ppb
Yttrium	89-1				85		%
Yttrium	89-2				76		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.61	11.90	11.95	11.82	1.56	ppb
Zirconium	90-1	0.08	0.09	0.07	0.08	9.10	ppb
Zirconium	91-1	0.08	0.11	0.09	0.09	13.18	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.10	34.26	36.22	34.53	4.56	ppb
Antimony	121-1	0.83	0.94	0.90	0.89	6.02	ppb
Arsenic	75-2	0.78	0.76	1.08	0.87	20.77	ppb
Barium	135-1	27.72	27.80	27.47	27.66	0.64	ppb
Barium	137-1	27.69	27.77	28.37	27.94	1.32	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	33.78	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	19.97	19.33	20.87	20.06	3.86	ppb
Boron	11-1	19.57	20.18	20.63	20.13	2.66	ppb
Cadmium	111-1	-0.28	-0.57	-0.42	-0.42		ppb
Cadmium	106-1	-4.06	-7.72	-5.87	-5.88		ppb
Cadmium	108-1	0.05	-0.02	-0.02	0.00	908.56	ppb
Calcium	43-1	72010.98	71698.87	68147.01	70618.95	3.04	ppb
Calcium	44-1	74285.85	74675.65	71448.02	73469.84	2.40	ppb
Chromium	52-2	1.45	1.45	1.52	1.47	2.67	ppb
Cobalt	59-2	0.11	0.10	0.09	0.10	9.27	ppb
Copper	63-2	2.06	2.13	2.11	2.10	1.83	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				89		%
Indium	115-1				88		%
Indium	115-2				77		%
Iron	56-2	136.87	138.99	138.41	138.09	0.79	ppb
Iron	57-2	343.36	354.44	351.48	349.76	1.64	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.21	0.22	5.09	ppb
Lead	207-1	0.19	0.17	0.21	0.19	10.92	ppb
Lead	208-1	0.21	0.20	0.21	0.21	1.89	ppb
Lithium	6-1				71		%
Magnesium	24-2	13342.26	13390.17	13319.22	13350.55	0.27	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.75	26.86	26.62	26.74	0.45	ppb
Molybdenum	94-1	0.29	0.30	0.32	0.30	4.90	ppb
Molybdenum	95-1	0.29	0.30	0.27	0.29	4.98	ppb
Molybdenum	96-1	0.31	0.29	0.28	0.29	4.59	ppb
Molybdenum	97-1	0.30	0.32	0.26	0.29	9.44	ppb
Molybdenum	98-1	0.27	0.28	0.27	0.27	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.54	0.59	0.57	3.89	ppb
Phosphorus	31-2	-10.32	-4.76	-10.24	-8.44		ppb
Potassium	39-2	1212.61	1252.63	1199.18	1221.47	2.28	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				75		%
Scandium	45-2				71		%
Selenium	77-2	0.51	2.04	2.56	1.70	62.43	ppb
Selenium	78-2	-0.43	-0.26	0.08	-0.20		ppb
Selenium	82-1	0.12	0.09	-0.21	0.00		ppb
Silicon	28-1	3486.05	3510.59	3345.52	3447.39	2.58	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.36	ppb
Silver	107-1	0.07	0.06	0.04	0.06	20.27	ppb
Sodium	23-2	10884.88	10953.01	10906.50	10914.80	0.32	ppb
Strontium	86-1	531.29	531.89	534.52	532.57	0.32	ppb
Strontium	88-1	543.08	547.47	549.31	546.62	0.59	ppb
Sulfur	34-1	6052.44	6085.87	5509.97	5882.76	5.50	ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	879.49	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	28.88	ppb
Tin	118-1	0.89	0.91	0.89	0.90	1.38	ppb
Titanium	47-1	0.98	0.94	0.72	0.88	16.12	ppb
Uranium	238-1	0.71	0.75	0.75	0.73	3.12	ppb
Vanadium	51-2	0.82	0.73	0.76	0.77	5.94	ppb
Yttrium	89-1				85		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.97	11.98	11.75	11.90	1.07	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	0.89	ppb
Zirconium	91-1	0.08	0.08	0.08	0.08	5.02	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47528.97	48619.44	48385.11	48177.84	1.19	ppb
Antimony	121-1	468.32	464.75	467.17	466.75	0.39	ppb
Arsenic	75-2	519.54	536.87	538.12	531.51	1.95	ppb
Barium	135-1	2357.79	2340.18	2347.46	2348.48	0.38	ppb
Barium	137-1	2456.91	2448.83	2455.25	2453.66	0.17	ppb
Beryllium	9-1	503.10	503.94	503.79	503.61	0.09	ppb
Bismuth	209-1				82		%
Bismuth	209-2				77		%
Boron	10-1	463.14	467.72	475.47	468.78	1.33	ppb
Boron	11-1	469.77	479.64	474.77	474.73	1.04	ppb
Cadmium	111-1	529.90	527.31	528.68	528.63	0.25	ppb
Cadmium	106-1	519.49	514.79	520.03	518.10	0.56	ppb
Cadmium	108-1	522.30	518.96	532.62	524.63	1.36	ppb
Calcium	43-1	244428.59	245024.20	243800.79	244417.86	0.25	ppb
Calcium	44-1	243405.15	243412.31	243363.25	243393.57	0.01	ppb
Chromium	52-2	486.85	492.50	492.35	490.57	0.66	ppb
Cobalt	59-2	477.42	485.92	487.86	483.74	1.15	ppb
Copper	63-2	1010.78	1031.94	1032.70	1025.14	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				80		%
Indium	115-2				76		%
Iron	56-2	121454.40	123439.74	123267.09	122720.41	0.90	ppb
Iron	57-2	118318.49	120047.79	120236.01	119534.09	0.88	ppb
Krypton	83-1						cps
Lead	206-1	490.75	490.80	487.73	489.76	0.36	ppb
Lead	207-1	494.23	491.98	492.12	492.78	0.26	ppb
Lead	208-1	498.75	498.14	496.74	497.87	0.21	ppb
Lithium	6-1				72		%
Magnesium	24-2	241348.43	244340.16	244196.75	243295.11	0.69	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	952.02	967.76	966.56	962.12	0.91	ppb
Molybdenum	94-1	2506.95	2504.82	2495.11	2502.29	0.25	ppb
Molybdenum	95-1	2501.89	2503.72	2498.05	2501.22	0.12	ppb
Molybdenum	96-1	2501.52	2505.18	2508.34	2505.01	0.14	ppb
Molybdenum	97-1	2508.17	2498.44	2502.01	2502.87	0.20	ppb
Molybdenum	98-1	2492.20	2498.45	2489.57	2493.41	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.78	479.00	482.59	477.12	1.38	ppb
Phosphorus	31-2	9713.14	9567.08	9607.98	9629.40	0.78	ppb
Potassium	39-2	122188.25	124012.61	123868.77	123356.54	0.82	ppb
Rhodium	103-1				74		%
Rhodium	103-2				72		%
Scandium	45-1				72		%
Scandium	45-2				74		%
Selenium	77-2	491.07	510.46	498.85	500.13	1.95	ppb
Selenium	78-2	499.70	518.81	512.48	510.33	1.91	ppb
Selenium	82-1	508.33	509.49	506.88	508.24	0.26	ppb
Silicon	28-1	499.25	506.72	504.96	503.65	0.77	ppb
Silver	109-1	494.13	491.01	493.44	492.86	0.33	ppb
Silver	107-1	493.89	489.66	492.82	492.12	0.45	ppb
Sodium	23-2	242350.12	245939.24	245334.19	244541.19	0.79	ppb
Strontium	86-1	486.56	480.57	479.30	482.14	0.80	ppb
Strontium	88-1	495.71	494.28	492.91	494.30	0.28	ppb
Sulfur	34-1	10386.09	10598.12	10446.28	10476.83	1.04	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	492.01	494.27	487.98	491.42	0.65	ppb
Thallium	205-1	515.85	518.93	516.30	517.03	0.32	ppb
Thorium	232-1	517.46	521.14	516.37	518.32	0.48	ppb
Tin	118-1	465.62	460.63	464.70	463.65	0.57	ppb
Titanium	47-1	2490.06	2489.88	2479.71	2486.55	0.24	ppb
Uranium	238-1	515.93	517.49	511.44	514.95	0.61	ppb
Vanadium	51-2	485.98	495.36	493.81	491.71	1.02	ppb
Yttrium	89-1				80		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1085.92	1110.18	1106.98	1101.02	1.20	ppb
Zirconium	90-1	498.90	499.42	497.80	498.71	0.17	ppb
Zirconium	91-1	485.60	489.80	489.66	488.35	0.49	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.21	1.49	0.67	1.13	36.93	ppb
Antimony	121-1	0.17	0.21	0.18	0.18	11.10	ppb
Arsenic	75-2	-0.03	-0.02	0.00	-0.02		ppb
Barium	135-1	0.03	0.03	0.04	0.03	20.49	ppb
Barium	137-1	0.05	0.05	0.05	0.05	0.12	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	22.11	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	9.28	9.31	9.07	9.22	1.39	ppb
Boron	11-1	9.13	9.09	9.47	9.23	2.23	ppb
Cadmium	111-1	-0.40	-0.36	-0.27	-0.34		ppb
Cadmium	106-1	-5.66	-4.99	-3.82	-4.82		ppb
Cadmium	108-1	0.03	-0.02	-0.04	-0.01		ppb
Calcium	43-1	8.61	9.80	3.63	7.35	44.56	ppb
Calcium	44-1	6.00	6.88	5.01	5.96	15.69	ppb
Chromium	52-2	0.14	0.15	0.11	0.13	15.24	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	123.03	ppb
Copper	63-2	0.13	0.17	0.10	0.13	28.44	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				90		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				80		%
Iron	56-2	2.45	2.35	2.52	2.44	3.47	ppb
Iron	57-2	1.77	2.50	1.54	1.94	25.96	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.05	0.04	26.07	ppb
Lead	207-1	0.06	0.06	0.03	0.05	34.56	ppb
Lead	208-1	0.03	0.04	0.04	0.04	15.94	ppb
Lithium	6-1				73		%
Magnesium	24-2	3.45	3.33	3.26	3.35	2.87	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.02	0.02	49.09	ppb
Molybdenum	94-1	0.18	0.17	0.13	0.16	17.90	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	9.92	ppb
Molybdenum	96-1	0.15	0.10	0.16	0.14	21.60	ppb
Molybdenum	97-1	0.18	0.15	0.10	0.14	28.89	ppb
Molybdenum	98-1	0.14	0.10	0.12	0.12	14.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.02	0.00		ppb
Phosphorus	31-2	-22.13	-35.46	-27.26	-28.28		ppb
Potassium	39-2	10.16	11.71	15.07	12.31	20.41	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				75		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	0.78	0.30	0.46	60.38	ppb
Selenium	82-1	0.15	0.18	-0.08	0.08	165.31	ppb
Silicon	28-1	5.69	5.58	4.50	5.26	12.56	ppb
Silver	109-1	0.03	0.03	0.02	0.03	9.15	ppb
Silver	107-1	0.03	0.02	0.02	0.02	24.30	ppb
Sodium	23-2	17.88	15.53	18.02	17.14	8.17	ppb
Strontium	86-1	0.02	0.01	0.06	0.03	78.79	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	13.24	ppb
Sulfur	34-1	445.50	622.10	461.20	509.60	19.18	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	0.05	0.04	0.04	0.05	16.80	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	12.27	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	3.95	ppb
Tin	118-1	0.12	0.14	0.14	0.13	9.63	ppb
Titanium	47-1	0.06	0.04	0.06	0.05	17.55	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	133.41	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	32.84	ppb
Yttrium	89-1				82		%
Yttrium	89-2				78		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.10	0.03	-0.05		ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	24.69	ppb
Zirconium	91-1	0.03	0.02	0.06	0.04	60.39	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.49	15.30	12.39	13.72	10.71	ppb
Antimony	121-1	1.53	1.43	1.43	1.46	4.09	ppb
Arsenic	75-2	2.26	2.05	2.25	2.19	5.35	ppb
Barium	135-1	23.18	22.76	23.20	23.05	1.07	ppb
Barium	137-1	23.65	22.62	22.93	23.06	2.29	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.05	ppb
Bismuth	209-1				90		%
Bismuth	209-2				81		%
Boron	10-1	14.45	15.48	13.18	14.37	7.99	ppb
Boron	11-1	15.25	14.93	15.23	15.14	1.18	ppb
Cadmium	111-1	-0.07	-0.41	-0.22	-0.23		ppb
Cadmium	106-1	-2.07	-6.43	-3.43	-3.98		ppb
Cadmium	108-1	0.23	0.06	0.01	0.10	121.23	ppb
Calcium	43-1	23785.24	22355.31	23631.01	23257.18	3.37	ppb
Calcium	44-1	24570.52	23100.55	24680.46	24117.17	3.66	ppb
Chromium	52-2	1.66	1.60	1.63	1.63	1.78	ppb
Cobalt	59-2	0.16	0.17	0.18	0.17	5.60	ppb
Copper	63-2	2.50	2.64	2.65	2.60	3.20	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				92		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				75		%
Iron	56-2	64.56	65.11	66.05	65.24	1.15	ppb
Iron	57-2	133.31	142.84	130.26	135.47	4.85	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.30	0.28	0.31	11.12	ppb
Lead	207-1	0.35	0.30	0.26	0.30	13.76	ppb
Lead	208-1	0.32	0.29	0.28	0.30	7.34	ppb
Lithium	6-1				74		%
Magnesium	24-2	15641.38	15813.74	15889.31	15781.48	0.81	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	56.13	56.61	57.24	56.66	0.98	ppb
Molybdenum	94-1	0.29	0.35	0.30	0.31	10.22	ppb
Molybdenum	95-1	0.21	0.19	0.23	0.21	10.17	ppb
Molybdenum	96-1	0.27	0.22	0.24	0.24	10.97	ppb
Molybdenum	97-1	0.25	0.23	0.22	0.23	6.92	ppb
Molybdenum	98-1	0.21	0.23	0.23	0.22	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.07	1.02	1.02	5.41	ppb
Phosphorus	31-2	35.46	4.11	47.28	28.95	77.06	ppb
Potassium	39-2	763.42	761.35	765.05	763.27	0.24	ppb
Rhodium	103-1				82		%
Rhodium	103-2				77		%
Scandium	45-1				75		%
Scandium	45-2				70		%
Selenium	77-2	0.53	1.56	2.08	1.39	56.93	ppb
Selenium	78-2	0.57	0.37	0.28	0.41	36.17	ppb
Selenium	82-1	0.22	-0.26	0.34	0.10	315.97	ppb
Silicon	28-1	2543.82	2392.10	2541.46	2492.46	3.49	ppb
Silver	109-1	0.23	0.21	0.19	0.21	11.33	ppb
Silver	107-1	0.26	0.21	0.17	0.22	20.77	ppb
Sodium	23-2	1694.96	1702.39	1729.13	1708.83	1.05	ppb
Strontium	86-1	339.57	328.68	337.08	335.11	1.70	ppb
Strontium	88-1	346.40	340.37	347.44	344.73	1.11	ppb
Sulfur	34-1	7274.95	6574.16	7355.81	7068.31	6.08	ppb
Terbium	159-1				91		%
Terbium	159-2				83		%
Thallium	203-1	0.24	0.19	0.15	0.19	22.66	ppb
Thallium	205-1	0.22	0.16	0.14	0.18	24.04	ppb
Thorium	232-1	0.06	0.05	0.06	0.05	11.61	ppb
Tin	118-1	1.31	1.18	1.20	1.23	5.69	ppb
Titanium	47-1	0.44	0.39	0.50	0.45	12.71	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	0.47	ppb
Vanadium	51-2	0.61	0.53	0.65	0.60	9.74	ppb
Yttrium	89-1				83		%
Yttrium	89-2				75		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.26	16.26	15.60	16.04	2.39	ppb
Zirconium	90-1	0.14	0.10	0.12	0.12	15.60	ppb
Zirconium	91-1	0.11	0.12	0.06	0.10	30.54	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.62	13.40	12.06	13.36	9.60	ppb
Antimony	121-1	1.04	1.08	1.11	1.08	3.22	ppb
Arsenic	75-2	2.27	1.91	2.09	2.09	8.79	ppb
Barium	135-1	16.29	15.47	15.75	15.84	2.65	ppb
Barium	137-1	16.08	16.55	16.04	16.22	1.75	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	117.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	11.09	11.57	9.86	10.84	8.10	ppb
Boron	11-1	11.15	11.76	11.12	11.34	3.23	ppb
Cadmium	111-1	-0.23	-0.45	-0.24	-0.31		ppb
Cadmium	106-1	-3.46	-6.35	-3.63	-4.48		ppb
Cadmium	108-1	0.06	-0.02	-0.07	-0.01		ppb
Calcium	43-1	21255.47	21275.38	21359.50	21296.79	0.26	ppb
Calcium	44-1	21986.65	22099.59	22235.67	22107.31	0.56	ppb
Chromium	52-2	1.54	1.42	1.30	1.42	8.49	ppb
Cobalt	59-2	0.12	0.15	0.16	0.14	16.17	ppb
Copper	63-2	2.06	2.11	2.23	2.13	3.91	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				94		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				76		%
Iron	56-2	57.53	59.33	57.93	58.26	1.62	ppb
Iron	57-2	117.88	123.79	123.80	121.82	2.80	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.17	0.19	7.95	ppb
Lead	207-1	0.20	0.17	0.21	0.19	11.93	ppb
Lead	208-1	0.19	0.18	0.17	0.18	3.80	ppb
Lithium	6-1				73		%
Magnesium	24-2	15260.41	15340.65	15350.79	15317.28	0.32	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.32	40.13	41.21	40.55	1.43	ppb
Molybdenum	94-1	0.22	0.20	0.25	0.22	12.79	ppb
Molybdenum	95-1	0.17	0.14	0.12	0.14	16.41	ppb
Molybdenum	96-1	0.16	0.18	0.21	0.18	12.22	ppb
Molybdenum	97-1	0.16	0.13	0.18	0.16	14.52	ppb
Molybdenum	98-1	0.14	0.17	0.16	0.16	10.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.72	0.91	0.78	14.20	ppb
Phosphorus	31-2	-21.28	-18.35	-24.01	-21.21		ppb
Potassium	39-2	710.37	686.31	699.38	698.69	1.72	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				73		%
Scandium	45-2				71		%
Selenium	77-2	3.12	1.57	1.04	1.91	56.59	ppb
Selenium	78-2	0.88	-0.40	0.02	0.16	399.07	ppb
Selenium	82-1	0.45	-0.06	0.10	0.17	156.90	ppb
Silicon	28-1	2409.88	2411.18	2431.95	2417.67	0.51	ppb
Silver	109-1	0.08	0.09	0.10	0.09	7.81	ppb
Silver	107-1	0.09	0.11	0.09	0.10	9.86	ppb
Sodium	23-2	1610.23	1609.97	1613.21	1611.14	0.11	ppb
Strontium	86-1	318.75	311.22	314.66	314.88	1.20	ppb
Strontium	88-1	323.43	323.86	324.38	323.89	0.15	ppb
Sulfur	34-1	7041.75	7034.06	7114.24	7063.35	0.63	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	0.02	0.03	0.03	0.03	21.08	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	36.67	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	12.06	ppb
Tin	118-1	1.10	1.07	1.08	1.08	1.66	ppb
Titanium	47-1	0.34	0.38	0.57	0.43	28.52	ppb
Uranium	238-1	0.13	0.13	0.12	0.13	5.56	ppb
Vanadium	51-2	0.67	0.58	0.69	0.65	9.50	ppb
Yttrium	89-1				83		%
Yttrium	89-2				75		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.47	13.30	12.64	13.14	3.30	ppb
Zirconium	90-1	0.05	0.08	0.08	0.07	22.32	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	21.87	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.24	43.10	42.57	41.97	3.63	ppb
Antimony	121-1	0.87	0.81	0.84	0.84	3.82	ppb
Arsenic	75-2	1.15	1.19	1.27	1.21	5.03	ppb
Barium	135-1	18.22	17.88	18.00	18.03	0.97	ppb
Barium	137-1	17.92	17.92	17.57	17.80	1.15	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	37.05	ppb
Bismuth	209-1				91		%
Bismuth	209-2				80		%
Boron	10-1	7.99	7.60	7.49	7.69	3.43	ppb
Boron	11-1	7.60	7.79	7.74	7.71	1.26	ppb
Cadmium	111-1	-0.34	-0.15	-0.28	-0.26		ppb
Cadmium	106-1	-5.04	-2.17	-4.28	-3.83		ppb
Cadmium	108-1	0.08	0.13	0.17	0.13	35.85	ppb
Calcium	43-1	31006.01	31058.62	30889.31	30984.65	0.28	ppb
Calcium	44-1	32179.65	32430.40	32324.41	32311.49	0.39	ppb
Chromium	52-2	1.19	1.14	1.16	1.16	1.92	ppb
Cobalt	59-2	0.64	0.60	0.69	0.64	7.09	ppb
Copper	63-2	2.48	2.42	2.37	2.43	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				86		%
Indium	115-2				75		%
Iron	56-2	1185.94	1199.37	1188.14	1191.15	0.60	ppb
Iron	57-2	1252.15	1290.18	1262.43	1268.25	1.55	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.37	0.36	0.35	7.63	ppb
Lead	207-1	0.33	0.34	0.32	0.33	2.40	ppb
Lead	208-1	0.32	0.34	0.32	0.33	4.44	ppb
Lithium	6-1				70		%
Magnesium	24-2	6033.46	6128.19	6081.10	6080.91	0.78	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	330.74	331.78	328.85	330.46	0.45	ppb
Molybdenum	94-1	0.33	0.33	0.38	0.34	8.31	ppb
Molybdenum	95-1	0.12	0.13	0.12	0.12	5.21	ppb
Molybdenum	96-1	0.19	0.15	0.15	0.16	13.83	ppb
Molybdenum	97-1	0.13	0.14	0.11	0.13	11.37	ppb
Molybdenum	98-1	0.11	0.12	0.12	0.12	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.14	0.96	1.04	8.78	ppb
Phosphorus	31-2	25.68	35.15	11.13	23.99	50.45	ppb
Potassium	39-2	745.86	757.27	752.36	751.83	0.76	ppb
Rhodium	103-1				82		%
Rhodium	103-2				76		%
Scandium	45-1				71		%
Scandium	45-2				68		%
Selenium	77-2	2.14	2.14	3.73	2.67	34.18	ppb
Selenium	78-2	0.60	0.78	-0.12	0.42	112.58	ppb
Selenium	82-1	0.37	-0.36	0.56	0.19	254.55	ppb
Silicon	28-1	720.32	720.08	716.73	719.05	0.28	ppb
Silver	109-1	0.09	0.07	0.07	0.08	20.23	ppb
Silver	107-1	0.07	0.07	0.08	0.07	4.44	ppb
Sodium	23-2	1408.10	1414.44	1396.48	1406.34	0.65	ppb
Strontium	86-1	230.65	232.05	230.44	231.05	0.38	ppb
Strontium	88-1	236.37	236.58	238.35	237.10	0.46	ppb
Sulfur	34-1	2017.76	2025.24	1992.77	2011.92	0.85	ppb
Terbium	159-1				93		%
Terbium	159-2				82		%
Thallium	203-1	0.02	0.01	0.01	0.01	45.92	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	42.70	ppb
Thorium	232-1	0.02	0.02	0.04	0.03	38.88	ppb
Tin	118-1	0.94	1.00	0.92	0.96	4.59	ppb
Titanium	47-1	0.89	0.88	1.05	0.94	10.02	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	9.46	ppb
Vanadium	51-2	0.53	0.56	0.55	0.55	2.43	ppb
Yttrium	89-1				82		%
Yttrium	89-2				73		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.24	17.54	17.84	17.87	1.97	ppb
Zirconium	90-1	0.18	0.16	0.17	0.17	3.59	ppb
Zirconium	91-1	0.16	0.15	0.21	0.17	18.38	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	323.11	319.49	323.81	322.14	0.72	ppb
Antimony	121-1	0.74	0.68	0.77	0.73	6.29	ppb
Arsenic	75-2	1.49	1.60	1.64	1.58	5.01	ppb
Barium	135-1	11.45	11.73	11.07	11.42	2.89	ppb
Barium	137-1	11.60	11.18	11.39	11.39	1.85	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	8.64	ppb
Bismuth	209-1				91		%
Bismuth	209-2				79		%
Boron	10-1	6.68	5.92	5.49	6.03	10.01	ppb
Boron	11-1	6.17	5.83	6.54	6.18	5.75	ppb
Cadmium	111-1	-0.17	-0.13	-0.16	-0.15		ppb
Cadmium	106-1	-5.52	-5.08	-5.51	-5.37		ppb
Cadmium	108-1	0.43	0.25	0.06	0.24	76.08	ppb
Calcium	43-1	14502.54	14510.99	14450.60	14488.04	0.23	ppb
Calcium	44-1	15093.71	15185.88	15191.19	15156.93	0.36	ppb
Chromium	52-2	2.11	2.11	2.03	2.08	2.31	ppb
Cobalt	59-2	9.10	8.78	9.10	8.99	2.00	ppb
Copper	63-2	3.07	3.18	3.13	3.13	1.68	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				92		%
Holmium	165-2				80		%
Indium	115-1				83		%
Indium	115-2				71		%
Iron	56-2	1868.27	1845.63	1855.77	1856.55	0.61	ppb
Iron	57-2	1912.20	1853.12	1934.70	1900.01	2.22	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.21	1.25	1.23	1.66	ppb
Lead	207-1	1.20	1.16	1.25	1.20	3.59	ppb
Lead	208-1	1.18	1.19	1.22	1.19	1.66	ppb
Lithium	6-1				66		%
Magnesium	24-2	1706.43	1693.22	1693.30	1697.65	0.45	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2848.07	2807.65	2837.69	2831.14	0.74	ppb
Molybdenum	94-1	0.79	0.87	0.80	0.82	5.14	ppb
Molybdenum	95-1	0.28	0.24	0.33	0.29	15.92	ppb
Molybdenum	96-1	0.38	0.30	0.35	0.34	11.90	ppb
Molybdenum	97-1	0.20	0.30	0.22	0.24	22.69	ppb
Molybdenum	98-1	0.24	0.21	0.21	0.22	8.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.04	3.89	3.96	3.96	1.93	ppb
Phosphorus	31-2	29.22	50.14	51.32	43.56	28.55	ppb
Potassium	39-2	1296.58	1280.52	1305.69	1294.26	0.98	ppb
Rhodium	103-1				79		%
Rhodium	103-2				73		%
Scandium	45-1				67		%
Scandium	45-2				62		%
Selenium	77-2	0.56	1.70	0.00	0.76	114.78	ppb
Selenium	78-2	0.82	0.36	0.92	0.70	42.78	ppb
Selenium	82-1	0.40	0.49	0.34	0.41	18.60	ppb
Silicon	28-1	2544.34	2580.08	2551.05	2558.49	0.74	ppb
Silver	109-1	0.07	0.05	0.06	0.06	14.92	ppb
Silver	107-1	0.08	0.07	0.06	0.07	18.33	ppb
Sodium	23-2	1260.43	1214.64	1239.63	1238.23	1.85	ppb
Strontium	86-1	80.91	80.24	79.36	80.17	0.97	ppb
Strontium	88-1	80.33	79.73	78.88	79.65	0.92	ppb
Sulfur	34-1	1057.64	934.45	836.67	942.92	11.74	ppb
Terbium	159-1				91		%
Terbium	159-2				79		%
Thallium	203-1	0.01	0.04	0.01	0.02	88.51	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	48.53	ppb
Thorium	232-1	0.06	0.05	0.05	0.05	8.20	ppb
Tin	118-1	0.92	0.98	1.04	0.98	5.96	ppb
Titanium	47-1	4.74	5.26	4.87	4.96	5.51	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	18.45	ppb
Vanadium	51-2	1.08	1.06	0.99	1.04	4.37	ppb
Yttrium	89-1				79		%
Yttrium	89-2				69		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.58	29.00	29.46	29.01	1.50	ppb
Zirconium	90-1	0.42	0.41	0.65	0.50	27.22	ppb
Zirconium	91-1	0.42	0.44	0.49	0.45	7.99	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.35	16.58	14.74	15.89	6.30	ppb
Antimony	121-1	0.75	0.79	0.77	0.77	3.06	ppb
Arsenic	75-2	0.65	0.66	0.64	0.65	1.45	ppb
Barium	135-1	43.84	43.15	43.05	43.35	0.99	ppb
Barium	137-1	42.86	43.38	42.48	42.91	1.05	ppb
Beryllium	9-1	0.03	0.01	0.00	0.01	112.63	ppb
Bismuth	209-1				88		%
Bismuth	209-2				77		%
Boron	10-1	9.98	11.78	10.85	10.87	8.31	ppb
Boron	11-1	11.15	11.42	10.93	11.16	2.20	ppb
Cadmium	111-1	-0.43	-0.44	-0.53	-0.47		ppb
Cadmium	106-1	-6.09	-6.28	-7.46	-6.61		ppb
Cadmium	108-1	0.10	0.05	-0.02	0.05	132.82	ppb
Calcium	43-1	103847.33	104365.55	103609.51	103940.80	0.37	ppb
Calcium	44-1	108124.74	108497.90	108992.11	108538.25	0.40	ppb
Chromium	52-2	1.14	1.10	1.24	1.16	5.99	ppb
Cobalt	59-2	0.24	0.25	0.24	0.24	2.55	ppb
Copper	63-2	1.88	1.74	1.77	1.80	4.06	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				94		%
Holmium	165-2				83		%
Indium	115-1				84		%
Indium	115-2				73		%
Iron	56-2	217.13	219.80	217.79	218.24	0.64	ppb
Iron	57-2	514.92	527.00	534.12	525.35	1.85	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.17	0.16	5.31	ppb
Lead	207-1	0.17	0.15	0.17	0.16	7.65	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.77	ppb
Lithium	6-1				68		%
Magnesium	24-2	16336.31	16363.33	16356.18	16351.94	0.09	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	449.89	450.67	450.98	450.52	0.12	ppb
Molybdenum	94-1	0.23	0.24	0.30	0.25	13.81	ppb
Molybdenum	95-1	0.17	0.19	0.24	0.20	17.94	ppb
Molybdenum	96-1	0.18	0.18	0.18	0.18	1.48	ppb
Molybdenum	97-1	0.21	0.19	0.17	0.19	11.96	ppb
Molybdenum	98-1	0.18	0.13	0.19	0.16	19.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.41	0.41	0.43	8.92	ppb
Phosphorus	31-2	-19.65	-1.71	-2.01	-7.79		ppb
Potassium	39-2	945.59	954.61	953.83	951.34	0.53	ppb
Rhodium	103-1				79		%
Rhodium	103-2				73		%
Scandium	45-1				69		%
Scandium	45-2				66		%
Selenium	77-2	0.00	2.72	2.72	1.82	86.60	ppb
Selenium	78-2	0.40	0.91	0.01	0.44	103.35	ppb
Selenium	82-1	-0.03	0.09	0.04	0.03	184.75	ppb
Silicon	28-1	3848.21	3879.29	3850.08	3859.19	0.45	ppb
Silver	109-1	0.04	0.04	0.05	0.04	0.95	ppb
Silver	107-1	0.05	0.05	0.05	0.05	8.42	ppb
Sodium	23-2	60478.67	60705.73	60541.84	60575.41	0.19	ppb
Strontium	86-1	722.56	721.13	719.01	720.90	0.25	ppb
Strontium	88-1	743.51	745.22	746.04	744.92	0.17	ppb
Sulfur	34-1	4973.80	4918.25	4756.87	4882.97	2.31	ppb
Terbium	159-1				93		%
Terbium	159-2				81		%
Thallium	203-1	0.00	0.01	0.00	0.00	122.73	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	112.76	ppb
Thorium	232-1	0.01	0.01	0.06	0.03	107.03	ppb
Tin	118-1	0.79	0.84	0.86	0.83	3.88	ppb
Titanium	47-1	1.41	0.94	0.85	1.07	28.28	ppb
Uranium	238-1	0.65	0.62	0.65	0.64	2.51	ppb
Vanadium	51-2	0.56	0.49	0.58	0.54	8.94	ppb
Yttrium	89-1				81		%
Yttrium	89-2				72		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.43	12.73	12.63	12.60	1.21	ppb
Zirconium	90-1	0.07	0.09	0.08	0.08	10.96	ppb
Zirconium	91-1	0.05	0.07	0.10	0.07	37.20	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.78	5.42	6.65	5.95	10.67	ppb
Antimony	121-1	0.92	0.90	0.93	0.91	1.75	ppb
Arsenic	75-2	0.50	0.49	0.48	0.49	1.53	ppb
Barium	135-1	23.74	23.42	23.49	23.55	0.70	ppb
Barium	137-1	23.51	23.22	22.94	23.22	1.22	ppb
Beryllium	9-1	0.01	0.03	0.01	0.01	89.71	ppb
Bismuth	209-1				88		%
Bismuth	209-2				78		%
Boron	10-1	13.90	12.66	13.22	13.26	4.72	ppb
Boron	11-1	13.48	13.04	14.07	13.53	3.81	ppb
Cadmium	111-1	-0.53	-0.58	-0.56	-0.56		ppb
Cadmium	106-1	-7.24	-8.15	-7.72	-7.70		ppb
Cadmium	108-1	0.11	0.06	-0.04	0.04	184.48	ppb
Calcium	43-1	69317.01	68558.02	68772.71	68882.58	0.57	ppb
Calcium	44-1	72395.12	71629.00	71903.25	71975.79	0.54	ppb
Chromium	52-2	1.35	1.28	1.43	1.36	5.52	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	17.46	ppb
Copper	63-2	1.54	1.69	1.60	1.61	4.86	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				92		%
Holmium	165-2				80		%
Indium	115-1				83		%
Indium	115-2				71		%
Iron	56-2	15.52	15.25	15.33	15.36	0.89	ppb
Iron	57-2	198.57	213.47	214.95	209.00	4.34	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.08	0.09	16.20	ppb
Lead	207-1	0.10	0.11	0.11	0.11	7.27	ppb
Lead	208-1	0.10	0.10	0.10	0.10	3.64	ppb
Lithium	6-1				65		%
Magnesium	24-2	8747.10	8709.59	8660.74	8705.81	0.50	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.89	7.26	7.19	7.11	2.83	ppb
Molybdenum	94-1	0.13	0.17	0.13	0.14	16.98	ppb
Molybdenum	95-1	0.17	0.15	0.13	0.15	14.28	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	0.86	ppb
Molybdenum	97-1	0.17	0.21	0.12	0.17	28.83	ppb
Molybdenum	98-1	0.12	0.15	0.16	0.14	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.28	0.19	0.23	21.48	ppb
Phosphorus	31-2	-19.26	-28.26	-22.16	-23.23		ppb
Potassium	39-2	709.76	694.12	701.37	701.75	1.12	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				66		%
Scandium	45-2				64		%
Selenium	77-2	1.67	0.00	0.56	0.74	114.29	ppb
Selenium	78-2	-0.33	0.06	-0.13	-0.13		ppb
Selenium	82-1	-0.04	0.27	-0.25	0.00		ppb
Silicon	28-1	3663.95	3639.84	3625.18	3642.99	0.54	ppb
Silver	109-1	0.05	0.06	0.05	0.05	19.64	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.65	ppb
Sodium	23-2	9050.93	9064.36	8986.05	9033.78	0.46	ppb
Strontium	86-1	424.36	422.09	421.20	422.55	0.39	ppb
Strontium	88-1	443.76	435.91	437.26	438.98	0.96	ppb
Sulfur	34-1	4103.14	3976.74	3944.61	4008.17	2.09	ppb
Terbium	159-1				91		%
Terbium	159-2				80		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	112.89	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	37.15	ppb
Tin	118-1	0.79	0.78	0.87	0.81	5.85	ppb
Titanium	47-1	0.76	0.64	0.65	0.68	9.26	ppb
Uranium	238-1	0.47	0.48	0.47	0.47	1.22	ppb
Vanadium	51-2	0.49	0.49	0.48	0.49	1.45	ppb
Yttrium	89-1				79		%
Yttrium	89-2				70		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.46	8.14	8.54	8.38	2.49	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	24.89	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	2.64	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.08	26.12	26.02	25.74	2.23	ppb
Antimony	121-1	0.91	0.92	0.96	0.93	3.13	ppb
Arsenic	75-2	0.59	0.56	0.55	0.56	3.32	ppb
Barium	135-1	21.37	20.84	21.31	21.17	1.38	ppb
Barium	137-1	21.38	20.86	21.30	21.18	1.33	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	71.35	ppb
Bismuth	209-1				87		%
Bismuth	209-2				78		%
Boron	10-1	11.73	12.46	13.63	12.61	7.58	ppb
Boron	11-1	13.55	13.22	13.96	13.58	2.75	ppb
Cadmium	111-1	-0.48	-0.50	-0.35	-0.44		ppb
Cadmium	106-1	-6.72	-6.86	-4.99	-6.19		ppb
Cadmium	108-1	0.04	-0.04	0.03	0.01	455.53	ppb
Calcium	43-1	65888.60	65406.27	65928.63	65741.17	0.44	ppb
Calcium	44-1	68950.81	68612.46	68547.20	68703.49	0.32	ppb
Chromium	52-2	1.12	1.30	1.33	1.25	8.82	ppb
Cobalt	59-2	0.08	0.07	0.07	0.07	7.50	ppb
Copper	63-2	1.64	1.51	1.53	1.56	4.48	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				91		%
Holmium	165-2				81		%
Indium	115-1				82		%
Indium	115-2				71		%
Iron	56-2	32.09	31.67	31.89	31.88	0.66	ppb
Iron	57-2	224.85	209.49	212.15	215.50	3.81	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.14	0.14	5.50	ppb
Lead	207-1	0.15	0.15	0.14	0.14	5.24	ppb
Lead	208-1	0.13	0.14	0.14	0.14	3.98	ppb
Lithium	6-1				63		%
Magnesium	24-2	8778.17	8756.86	8719.84	8751.62	0.34	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.85	18.81	18.80	18.82	0.14	ppb
Molybdenum	94-1	0.22	0.20	0.19	0.20	7.98	ppb
Molybdenum	95-1	0.13	0.12	0.18	0.14	22.56	ppb
Molybdenum	96-1	0.20	0.18	0.21	0.20	8.86	ppb
Molybdenum	97-1	0.18	0.17	0.19	0.18	3.92	ppb
Molybdenum	98-1	0.20	0.17	0.17	0.18	7.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.22	0.26	0.24	9.89	ppb
Phosphorus	31-2	-18.76	-12.57	-19.19	-16.84		ppb
Potassium	39-2	744.28	753.70	743.83	747.27	0.75	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				65		%
Scandium	45-2				63		%
Selenium	77-2	1.14	1.69	0.56	1.13	50.02	ppb
Selenium	78-2	-0.77	-0.22	-0.13	-0.37		ppb
Selenium	82-1	0.15	-0.13	0.17	0.06	269.75	ppb
Silicon	28-1	3372.70	3336.95	3349.45	3353.03	0.54	ppb
Silver	109-1	0.05	0.06	0.04	0.05	17.02	ppb
Silver	107-1	0.06	0.06	0.06	0.06	2.94	ppb
Sodium	23-2	8261.20	8261.82	8189.57	8237.53	0.50	ppb
Strontium	86-1	415.02	410.78	408.73	411.51	0.78	ppb
Strontium	88-1	429.60	426.70	426.03	427.44	0.44	ppb
Sulfur	34-1	4028.40	3888.54	3874.55	3930.50	2.16	ppb
Terbium	159-1				90		%
Terbium	159-2				79		%
Thallium	203-1	0.00	0.00	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.73	ppb
Tin	118-1	0.80	0.81	0.88	0.83	4.80	ppb
Titanium	47-1	0.79	0.66	0.65	0.70	11.34	ppb
Uranium	238-1	0.47	0.47	0.45	0.46	2.22	ppb
Vanadium	51-2	0.49	0.53	0.52	0.51	4.45	ppb
Yttrium	89-1				78		%
Yttrium	89-2				69		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.95	9.09	8.54	8.86	3.21	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	14.64	ppb
Zirconium	91-1	0.02	0.04	0.07	0.04	55.59	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115.33	115.32	113.28	114.64	1.03	ppb
Antimony	121-1	0.92	0.98	0.98	0.96	3.39	ppb
Arsenic	75-2	0.48	0.58	0.57	0.55	10.23	ppb
Barium	135-1	23.50	23.10	23.09	23.23	1.01	ppb
Barium	137-1	23.76	23.62	23.28	23.55	1.06	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	23.86	ppb
Bismuth	209-1				90		%
Bismuth	209-2				78		%
Boron	10-1	13.70	13.14	12.97	13.27	2.89	ppb
Boron	11-1	13.05	14.13	13.19	13.46	4.35	ppb
Cadmium	111-1	-0.44	-0.44	-0.44	-0.44		ppb
Cadmium	106-1	-5.96	-6.12	-6.11	-6.06		ppb
Cadmium	108-1	0.06	0.03	0.10	0.06	56.36	ppb
Calcium	43-1	67865.43	68763.64	67891.17	68173.41	0.75	ppb
Calcium	44-1	70960.80	71988.03	70993.91	71314.24	0.82	ppb
Chromium	52-2	1.84	1.89	1.95	1.89	2.93	ppb
Cobalt	59-2	0.12	0.15	0.12	0.13	11.00	ppb
Copper	63-2	1.74	1.88	1.84	1.82	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				81		%
Indium	115-1				84		%
Indium	115-2				71		%
Iron	56-2	144.36	149.95	149.29	147.87	2.07	ppb
Iron	57-2	329.97	351.16	342.55	341.23	3.12	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.29	0.28	0.30	8.45	ppb
Lead	207-1	0.30	0.30	0.28	0.29	5.12	ppb
Lead	208-1	0.31	0.29	0.28	0.29	4.53	ppb
Lithium	6-1				64		%
Magnesium	24-2	8420.77	8789.78	8718.02	8642.85	2.26	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.82	9.26	9.09	9.06	2.41	ppb
Molybdenum	94-1	0.20	0.19	0.25	0.21	13.92	ppb
Molybdenum	95-1	0.11	0.16	0.13	0.14	19.26	ppb
Molybdenum	96-1	0.16	0.17	0.15	0.16	5.29	ppb
Molybdenum	97-1	0.13	0.13	0.16	0.14	13.29	ppb
Molybdenum	98-1	0.14	0.15	0.13	0.14	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.51	0.57	0.57	10.07	ppb
Phosphorus	31-2	8.85	-11.87	-2.96	-1.99		ppb
Potassium	39-2	711.76	723.65	736.12	723.84	1.68	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				66		%
Scandium	45-2				63		%
Selenium	77-2	0.56	0.57	2.26	1.13	86.50	ppb
Selenium	78-2	-0.04	0.29	0.16	0.14	120.45	ppb
Selenium	82-1	-0.06	0.14	0.14	0.07	165.86	ppb
Silicon	28-1	3700.57	3717.95	3683.94	3700.82	0.46	ppb
Silver	109-1	0.05	0.05	0.04	0.05	8.63	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.36	ppb
Sodium	23-2	9103.80	9483.93	9347.55	9311.76	2.07	ppb
Strontium	86-1	414.02	414.51	411.24	413.26	0.43	ppb
Strontium	88-1	430.62	431.01	430.63	430.75	0.05	ppb
Sulfur	34-1	4141.98	4183.13	3993.64	4106.25	2.43	ppb
Terbium	159-1				93		%
Terbium	159-2				80		%
Thallium	203-1	0.01	0.01	0.00	0.01	62.53	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00		ppb
Thorium	232-1	0.02	0.02	0.03	0.02	15.43	ppb
Tin	118-1	0.71	0.81	0.82	0.78	7.82	ppb
Titanium	47-1	1.90	1.93	1.98	1.94	1.92	ppb
Uranium	238-1	0.49	0.49	0.49	0.49	0.59	ppb
Vanadium	51-2	0.64	0.65	0.60	0.63	4.68	ppb
Yttrium	89-1				79		%
Yttrium	89-2				69		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.15	14.89	15.92	15.32	3.48	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	18.43	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	13.65	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68.97	60.08	64.15	64.40	6.91	ppb
Antimony	121-1	0.26	0.26	0.24	0.26	5.27	ppb
Arsenic	75-2	0.29	0.33	0.25	0.29	14.21	ppb
Barium	135-1	2.29	2.39	2.08	2.25	7.03	ppb
Barium	137-1	2.24	2.16	2.17	2.19	2.18	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	33.14	ppb
Bismuth	209-1				93		%
Bismuth	209-2				82		%
Boron	10-1	2.44	2.18	2.53	2.38	7.54	ppb
Boron	11-1	2.46	2.47	2.61	2.51	3.47	ppb
Cadmium	111-1	-0.29	-0.25	-0.23	-0.26		ppb
Cadmium	106-1	-4.57	-4.17	-3.88	-4.21		ppb
Cadmium	108-1	0.03	0.08	0.10	0.07	53.97	ppb
Calcium	43-1	2888.37	2851.74	2846.12	2862.07	0.80	ppb
Calcium	44-1	2890.43	2902.01	2890.18	2894.21	0.23	ppb
Chromium	52-2	0.46	0.50	0.47	0.48	3.95	ppb
Cobalt	59-2	1.84	1.70	1.75	1.76	4.04	ppb
Copper	63-2	0.80	0.83	0.81	0.81	1.88	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				95		%
Holmium	165-2				85		%
Indium	115-1				86		%
Indium	115-2				74		%
Iron	56-2	366.39	366.45	364.64	365.83	0.28	ppb
Iron	57-2	363.06	383.07	367.65	371.26	2.82	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.26	0.24	0.26	5.17	ppb
Lead	207-1	0.25	0.26	0.26	0.26	2.49	ppb
Lead	208-1	0.26	0.25	0.25	0.25	2.51	ppb
Lithium	6-1				66		%
Magnesium	24-2	328.63	328.96	332.89	330.16	0.72	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	560.38	556.85	559.22	558.82	0.32	ppb
Molybdenum	94-1	0.21	0.14	0.20	0.18	20.73	ppb
Molybdenum	95-1	0.07	0.04	0.06	0.06	28.72	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	5.68	ppb
Molybdenum	97-1	0.04	0.07	0.08	0.06	29.40	ppb
Molybdenum	98-1	0.04	0.03	0.05	0.04	18.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.74	0.88	0.79	10.37	ppb
Phosphorus	31-2	-4.28	-19.29	-7.61	-10.39		ppb
Potassium	39-2	255.12	259.04	263.36	259.17	1.59	ppb
Rhodium	103-1				82		%
Rhodium	103-2				75		%
Scandium	45-1				68		%
Scandium	45-2				65		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	-0.05	0.01	0.05	243.45	ppb
Selenium	82-1	-0.16	-0.33	0.00	-0.16		ppb
Silicon	28-1	506.82	507.81	511.00	508.54	0.43	ppb
Silver	109-1	0.03	0.02	0.01	0.02	28.48	ppb
Silver	107-1	0.02	0.03	0.02	0.02	25.07	ppb
Sodium	23-2	275.83	282.56	277.34	278.58	1.27	ppb
Strontium	86-1	15.61	15.81	15.66	15.69	0.67	ppb
Strontium	88-1	15.88	15.81	15.78	15.82	0.33	ppb
Sulfur	34-1	825.04	831.39	830.13	828.85	0.41	ppb
Terbium	159-1				94		%
Terbium	159-2				81		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	12.93	ppb
Tin	118-1	0.17	0.18	0.14	0.17	11.79	ppb
Titanium	47-1	0.97	1.05	0.83	0.95	11.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	559.56	ppb
Vanadium	51-2	0.27	0.24	0.31	0.27	11.91	ppb
Yttrium	89-1				81		%
Yttrium	89-2				71		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.73	5.80	5.87	5.80	1.28	ppb
Zirconium	90-1	0.10	0.08	0.08	0.09	13.66	ppb
Zirconium	91-1	0.07	0.10	0.07	0.08	18.25	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48743.65	46948.31	46595.97	47429.31	2.43	ppb
Antimony	121-1	510.83	503.08	506.82	506.91	0.76	ppb
Arsenic	75-2	539.21	522.30	516.84	526.12	2.22	ppb
Barium	135-1	2359.38	2320.36	2359.38	2346.37	0.96	ppb
Barium	137-1	2482.15	2459.57	2487.44	2476.39	0.60	ppb
Beryllium	9-1	510.29	512.17	504.05	508.84	0.84	ppb
Bismuth	209-1				80		%
Bismuth	209-2				74		%
Boron	10-1	473.61	494.20	492.98	486.93	2.37	ppb
Boron	11-1	479.73	490.53	500.90	490.39	2.16	ppb
Cadmium	111-1	523.71	518.46	520.16	520.78	0.51	ppb
Cadmium	106-1	510.33	501.92	507.49	506.58	0.84	ppb
Cadmium	108-1	521.44	509.66	517.25	516.12	1.16	ppb
Calcium	43-1	246972.46	249166.26	248254.04	248130.92	0.44	ppb
Calcium	44-1	249123.95	248897.58	248327.61	248783.05	0.16	ppb
Chromium	52-2	496.86	483.01	477.30	485.72	2.07	ppb
Cobalt	59-2	496.83	478.33	473.61	482.92	2.54	ppb
Copper	63-2	1044.77	1007.46	1004.00	1018.75	2.22	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				90		%
Holmium	165-2				87		%
Indium	115-1				78		%
Indium	115-2				73		%
Iron	56-2	126855.23	122722.76	121250.70	123609.57	2.35	ppb
Iron	57-2	122266.97	117767.85	116517.00	118850.60	2.54	ppb
Krypton	83-1						cps
Lead	206-1	489.50	495.49	490.27	491.75	0.66	ppb
Lead	207-1	494.97	496.20	490.50	493.89	0.61	ppb
Lead	208-1	502.72	504.87	501.32	502.97	0.36	ppb
Lithium	6-1				68		%
Magnesium	24-2	247248.51	239313.20	237716.36	241426.02	2.11	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.78	952.31	935.82	957.97	2.66	ppb
Molybdenum	94-1	2552.19	2532.06	2531.44	2538.56	0.46	ppb
Molybdenum	95-1	2552.24	2540.29	2540.25	2544.26	0.27	ppb
Molybdenum	96-1	2545.39	2535.26	2539.81	2540.15	0.20	ppb
Molybdenum	97-1	2548.29	2535.52	2540.97	2541.59	0.25	ppb
Molybdenum	98-1	2533.68	2515.98	2533.83	2527.83	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.40	471.30	467.14	475.28	2.25	ppb
Phosphorus	31-2	9680.42	9830.80	9096.59	9535.94	4.07	ppb
Potassium	39-2	125575.32	121331.07	120120.71	122342.37	2.34	ppb
Rhodium	103-1				72		%
Rhodium	103-2				69		%
Scandium	45-1				68		%
Scandium	45-2				70		%
Selenium	77-2	523.16	474.77	478.91	492.28	5.45	ppb
Selenium	78-2	531.58	502.70	498.23	510.84	3.54	ppb
Selenium	82-1	509.62	512.51	503.90	508.68	0.86	ppb
Silicon	28-1	499.49	506.24	510.53	505.42	1.10	ppb
Silver	109-1	494.52	488.09	490.70	491.10	0.66	ppb
Silver	107-1	494.37	489.68	490.20	491.42	0.52	ppb
Sodium	23-2	247971.09	239669.35	237103.89	241581.45	2.35	ppb
Strontium	86-1	485.85	480.18	481.01	482.35	0.63	ppb
Strontium	88-1	502.14	499.88	501.79	501.27	0.24	ppb
Sulfur	34-1	10322.28	10286.02	10149.95	10252.75	0.89	ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	489.97	490.81	489.22	490.00	0.16	ppb
Thallium	205-1	518.98	524.87	519.18	521.01	0.64	ppb
Thorium	232-1	526.09	524.75	523.68	524.84	0.23	ppb
Tin	118-1	470.76	460.49	466.91	466.05	1.11	ppb
Titanium	47-1	2502.76	2503.75	2507.25	2504.59	0.09	ppb
Uranium	238-1	523.67	523.35	524.41	523.81	0.10	ppb
Vanadium	51-2	499.57	485.26	480.06	488.30	2.07	ppb
Yttrium	89-1				77		%
Yttrium	89-2				74		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1086.62	1047.94	1042.40	1058.99	2.27	ppb
Zirconium	90-1	506.06	502.80	502.98	503.95	0.36	ppb
Zirconium	91-1	491.03	488.31	488.18	489.17	0.33	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	1.26	0.97	1.07	15.45	ppb
Antimony	121-1	0.14	0.17	0.16	0.16	10.00	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.04	0.04	0.02	0.03	31.13	ppb
Barium	137-1	0.05	0.06	0.03	0.04	33.12	ppb
Beryllium	9-1	0.03	0.04	0.04	0.03	21.09	ppb
Bismuth	209-1				86		%
Bismuth	209-2				79		%
Boron	10-1	5.57	4.81	4.55	4.98	10.67	ppb
Boron	11-1	5.42	5.12	4.94	5.16	4.66	ppb
Cadmium	111-1	-0.45	-0.28	-0.29	-0.34		ppb
Cadmium	106-1	-6.34	-4.01	-4.31	-4.89		ppb
Cadmium	108-1	-0.04	-0.04	0.04	-0.01		ppb
Calcium	43-1	6.75	7.41	3.83	6.00	31.75	ppb
Calcium	44-1	5.86	8.04	7.13	7.01	15.63	ppb
Chromium	52-2	0.17	0.14	0.15	0.15	7.07	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	21288.00	ppb
Copper	63-2	0.12	0.11	0.12	0.12	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				78		%
Iron	56-2	2.43	2.31	2.24	2.33	4.13	ppb
Iron	57-2	4.14	2.94	3.08	3.39	19.37	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	1.84	ppb
Lead	207-1	0.01	0.03	0.04	0.03	58.30	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.12	ppb
Lithium	6-1				70		%
Magnesium	24-2	2.34	2.01	3.85	2.74	35.92	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.01	0.01	0.02	95.76	ppb
Molybdenum	94-1	0.16	0.14	0.12	0.14	16.80	ppb
Molybdenum	95-1	0.13	0.09	0.08	0.10	25.19	ppb
Molybdenum	96-1	0.12	0.13	0.10	0.12	12.46	ppb
Molybdenum	97-1	0.11	0.09	0.09	0.10	13.86	ppb
Molybdenum	98-1	0.12	0.08	0.09	0.10	21.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.02	0.01	278.82	ppb
Phosphorus	31-2	-21.53	-29.81	-29.83	-27.06		ppb
Potassium	39-2	10.26	10.26	12.85	11.12	13.42	ppb
Rhodium	103-1				82		%
Rhodium	103-2				78		%
Scandium	45-1				73		%
Scandium	45-2				72		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-0.09	-0.10	-0.01		ppb
Selenium	82-1	0.69	0.14	0.18	0.34	92.04	ppb
Silicon	28-1	4.48	5.34	5.53	5.12	10.85	ppb
Silver	109-1	0.04	0.03	0.03	0.03	11.12	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.83	ppb
Sodium	23-2	13.95	13.75	14.25	13.99	1.79	ppb
Strontium	86-1	0.04	0.04	0.04	0.04	6.87	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	19.98	ppb
Sulfur	34-1	388.42	644.06	585.62	539.37	24.83	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	0.02	0.03	0.03	0.03	25.11	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	20.44	ppb
Thorium	232-1	0.03	0.03	0.05	0.04	29.88	ppb
Tin	118-1	0.10	0.08	0.10	0.09	9.36	ppb
Titanium	47-1	0.06	0.03	0.06	0.05	40.64	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	34.96	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	38.56	ppb
Yttrium	89-1				81		%
Yttrium	89-2				77		%

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.06	-0.04	0.05	165.01	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	31.40	ppb
Zirconium	91-1	0.01	0.06	0.06	0.04	62.03	ppb

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	33	36	35.25	cps
Antimony	121-1	83	83	58	75	19.24	cps
Arsenic	75-2	7	15	6	9	52.86	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	75	42	58	58	28.57	cps
Beryllium	9-1	40	60	77	59	31.18	cps
Bismuth	209-1	8678951	8411608	7899502	8330020	4.75	cps
Bismuth	209-2	4768240	5201805	5231921	5067322	5.12	cps
Boron	10-1	333	267	292	297	11.33	cps
Boron	11-1	1433	1400	1300	1378	5.04	cps
Cadmium	111-1	6428	5970	5311	5903	9.52	cps
Cadmium	106-1	9162	8536	7586	8428	9.42	cps
Cadmium	108-1	8	25	17	17	50.01	cps
Calcium	43-1	158	58	142	119	44.85	cps
Calcium	44-1	9138	8796	8780	8905	2.27	cps
Chromium	52-2	110	63	63	79	34.16	cps
Cobalt	59-2	43	43	23	37	31.49	cps
Copper	63-2	447	447	420	438	3.52	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	10	27	7	14	74.18	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	40	43	27	37	24.04	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	203	190	217	203	6.56	cps
Holmium	165-1	13304174	12924245	12216582	12815001	4.31	cps
Holmium	165-2	6392217	7084157	7046625	6841000	5.69	cps
Indium	115-1	10660806	10398367	9716902	10258692	4.75	cps
Indium	115-2	1987354	2176401	2183626	2115794	5.26	cps
Iron	56-2	2239	2356	2428	2341	4.07	cps
Iron	57-2	100	128	128	119	13.53	cps
Krypton	83-1	227	197	220	214	7.35	cps
Lead	206-1	811	567	811	730	19.34	cps
Lead	207-1	650	717	744	704	6.90	cps
Lead	208-1	2606	2411	2667	2561	5.21	cps
Lithium	6-1	3425974	3350945	3158720	3311880	4.16	cps
Magnesium	24-2	117	300	242	219	42.68	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	20	47	33	40.01	cps
Molybdenum	94-1	225	233	250	236	5.39	cps
Molybdenum	95-1	58	83	58	67	21.65	cps
Molybdenum	96-1	117	158	83	119	31.46	cps
Molybdenum	97-1	33	8	17	19	65.47	cps
Molybdenum	98-1	75	100	75	83	17.33	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	20	23	43	29	43.68	cps
Phosphorus	31-2	58	67	50	58	14.29	cps
Potassium	39-2	10062	11046	11330	10813	6.15	cps
Rhodium	103-1	9508421	9245995	8684380	9146266	4.60	cps
Rhodium	103-2	3961351	4359424	4379397	4233391	5.57	cps
Scandium	45-1	6157792	5970055	5610240	5912696	4.71	cps
Scandium	45-2	215597	237991	240052	231214	5.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	39	61	46	27.71	cps
Selenium	82-1	46	72	2	40	88.10	cps
Silicon	28-1	80585	81380	77736	79900	2.40	cps
Silver	109-1	92	58	58	69	27.71	cps
Silver	107-1	183	150	67	133	45.07	cps
Sodium	23-2	4893	4676	4751	4773	2.31	cps
Strontium	86-1	392	342	383	372	7.20	cps
Strontium	88-1	175	108	133	139	24.25	cps
Sulfur	34-1	208566	210475	210625	209889	0.55	cps
Terbium	159-1	13744841	13381566	12481572	13202660	4.93	cps
Terbium	159-2	6320463	6944821	6948025	6737770	5.36	cps
Thallium	203-1	525	433	367	442	18.00	cps
Thallium	205-1	625	733	600	653	10.86	cps
Thorium	232-1	1556	1772	1706	1678	6.61	cps
Tin	118-1	358	358	267	328	16.15	cps
Titanium	47-1	100	42	42	61	55.11	cps
Uranium	238-1	2475	2275	2292	2348	4.73	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	30513193	29650773	27870050	29344672	4.59	cps
Yttrium	89-2	3854028	4240744	4270606	4121793	5.64	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 12:57:11	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273	360	273	302	16.56	cps
Zirconium	90-1	925	858	733	839	11.60	cps
Zirconium	91-1	117	175	133	142	21.21	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1492	925	1286	24.39	cps
Antimony	121-1	17403	17411	16210	17008	4.06	cps
Arsenic	75-2	294	281	206	261	18.43	cps
Barium	135-1	24372	23154	24105	23877	2.68	cps
Barium	137-1	40134	40284	42107	40842	2.69	cps
Beryllium	9-1	2264	2134	2164	2187	3.11	cps
Bismuth	209-1	8164929	8159278	8124159	8149456	0.27	cps
Bismuth	209-2	4917173	4846557	4528015	4763915	4.35	cps
Boron	10-1	6293	6552	7252	6699	7.41	cps
Boron	11-1	30599	30407	30440	30482	0.34	cps
Cadmium	111-1	8387	9013	8855	8752	3.72	cps
Cadmium	106-1	8403	8962	9028	8798	3.90	cps
Cadmium	108-1	225	229	242	232	3.74	cps
Calcium	43-1	13632	13807	13598	13679	0.82	cps
Calcium	44-1	227641	226619	222255	225505	1.27	cps
Chromium	52-2	4708	4171	3090	3990	20.65	cps
Cobalt	59-2	4074	3777	2567	3473	22.99	cps
Copper	63-2	6081	5551	3927	5187	21.64	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	125	50	83	86	43.64	cps
Erbium	164-2	27	47	50	41	30.69	cps
Gadolinium	160-1	100	17	75	64	66.93	cps
Gadolinium	160-2	170	220	210	200	13.23	cps
Holmium	165-1	12418910	12442922	12329175	12397002	0.48	cps
Holmium	165-2	6523594	6431082	6049730	6334802	3.97	cps
Indium	115-1	10106199	10060422	10042681	10069767	0.33	cps
Indium	115-2	2048258	2031240	1894667	1991388	4.23	cps
Iron	56-2	107434	99139	71292	92622	20.44	cps
Iron	57-2	2767	2750	1956	2491	18.61	cps
Krypton	83-1	197	250	173	207	19.02	cps
Lead	206-1	8247	8414	8030	8231	2.34	cps
Lead	207-1	7069	7308	6985	7121	2.35	cps
Lead	208-1	32083	32822	31504	32136	2.06	cps
Lithium	6-1	3266756	3252581	3246023	3255120	0.33	cps
Magnesium	24-2	87471	80558	57052	75027	21.25	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1510	1373	1080	1321	16.63	cps
Molybdenum	94-1	16201	16519	16018	16246	1.56	cps
Molybdenum	95-1	22944	22619	22694	22752	0.75	cps
Molybdenum	96-1	24405	24981	23361	24249	3.39	cps
Molybdenum	97-1	13949	14158	13699	13935	1.65	cps
Molybdenum	98-1	35537	35972	35796	35768	0.61	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	1087	1057	737	960	20.21	cps
Phosphorus	31-2	367	200	242	269	32.19	cps
Potassium	39-2	95540	92889	73902	87444	13.50	cps
Rhodium	103-1	8971834	8990444	8906298	8956192	0.49	cps
Rhodium	103-2	4103604	4043156	3778572	3975111	4.35	cps
Scandium	45-1	5797462	5835133	5771850	5801481	0.55	cps
Scandium	45-2	223351	221388	208830	217856	3.62	cps
Selenium	77-2	53	53	37	48	20.13	cps
Selenium	78-2	204	209	187	200	5.78	cps
Selenium	82-1	1337	1195	1290	1274	5.69	cps
Silicon	28-1	134846	134474	131760	133693	1.26	cps
Silver	109-1	13307	13307	12723	13112	2.57	cps
Silver	107-1	13465	13757	13182	13468	2.14	cps
Sodium	23-2	163516	156031	116480	145342	17.39	cps
Strontium	86-1	3501	3226	3517	3414	4.80	cps
Strontium	88-1	26183	25991	25640	25938	1.06	cps
Sulfur	34-1	205135	207626	209366	207376	1.03	cps
Terbium	159-1	12961253	12901282	12880231	12914255	0.33	cps
Terbium	159-2	6437421	6384129	5961531	6261027	4.16	cps
Thallium	203-1	9454	8603	9220	9092	4.83	cps
Thallium	205-1	20725	21418	21017	21054	1.65	cps
Thorium	232-1	20539	19832	18258	19543	5.98	cps
Tin	118-1	38696	38195	37142	38011	2.09	cps
Titanium	47-1	6110	6093	6277	6160	1.65	cps
Uranium	238-1	30838	30737	30003	30526	1.49	cps
Vanadium	51-2	9470	8519	5921	7970	23.05	cps
Yttrium	89-1	28836610	28686478	28562306	28695131	0.48	cps
Yttrium	89-2	3975774	3932609	3691801	3866728	3.96	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:00:48	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1457	1293	1207	1319	9.63	cps
Zirconium	90-1	10721	10421	9754	10299	4.81	cps
Zirconium	91-1	2259	2317	2100	2225	5.04	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68976	68432	68532	68647	0.42	cps
Antimony	121-1	427499	423801	415683	422328	1.43	cps
Arsenic	75-2	13391	13369	13290	13350	0.40	cps
Barium	135-1	552302	550818	543679	548933	0.84	cps
Barium	137-1	965809	957193	945345	956116	1.07	cps
Beryllium	9-1	103590	102227	100382	102066	1.58	cps
Bismuth	209-1	7681221	7674548	7474927	7610232	1.54	cps
Bismuth	209-2	4601623	4617717	4580693	4600011	0.40	cps
Boron	10-1	13623	14332	13448	13801	3.39	cps
Boron	11-1	58196	61969	58523	59563	3.51	cps
Cadmium	111-1	137487	136495	132414	135465	1.98	cps
Cadmium	106-1	21951	22427	20925	21768	3.53	cps
Cadmium	108-1	10041	9891	9332	9755	3.83	cps
Calcium	43-1	128722	126260	122974	125985	2.29	cps
Calcium	44-1	2064011	2051892	2006455	2040786	1.49	cps
Chromium	52-2	106329	105494	103859	105227	1.19	cps
Cobalt	59-2	181344	179061	177589	179331	1.05	cps
Copper	63-2	258656	257025	254095	256592	0.90	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	27	20	20	22	17.33	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	63	43	63	57	20.38	cps
Gadolinium	160-1	58	92	67	72	24.02	cps
Gadolinium	160-2	217	213	213	214	0.90	cps
Holmium	165-1	11656579	11753076	11493734	11634463	1.13	cps
Holmium	165-2	6177148	6129291	6098055	6134832	0.65	cps
Indium	115-1	9319412	9331899	9131254	9260855	1.21	cps
Indium	115-2	1874016	1872887	1865751	1870885	0.24	cps
Iron	56-2	4649574	4647070	4581387	4626010	0.84	cps
Iron	57-2	117236	116805	115680	116574	0.69	cps
Krypton	83-1	177	183	210	190	9.28	cps
Lead	206-1	369716	373190	366938	369948	0.85	cps
Lead	207-1	325895	324701	321073	323889	0.78	cps
Lead	208-1	1471588	1473707	1456014	1467103	0.66	cps
Lithium	6-1	3025551	2987252	2934310	2982371	1.54	cps
Magnesium	24-2	776271	771304	759427	769001	1.13	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135944	136341	133966	135417	0.94	cps
Molybdenum	94-1	894807	890552	881041	888800	0.79	cps
Molybdenum	95-1	1113031	1096358	1089006	1099465	1.12	cps
Molybdenum	96-1	1246265	1234792	1211409	1230822	1.44	cps
Molybdenum	97-1	701454	697743	680257	693152	1.63	cps
Molybdenum	98-1	1797253	1786889	1746903	1777015	1.50	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	20	17	10	16	32.73	cps
Nickel	60-2	47567	46698	46617	46961	1.12	cps
Phosphorus	31-2	4259	4176	3967	4134	3.64	cps
Potassium	39-2	387990	388860	385790	387547	0.41	cps
Rhodium	103-1	8257716	8218993	8029555	8168754	1.49	cps
Rhodium	103-2	3734498	3701912	3674357	3703589	0.81	cps
Scandium	45-1	5341354	5309541	5226176	5292357	1.12	cps
Scandium	45-2	202580	200624	199095	200767	0.87	cps
Selenium	77-2	473	443	450	456	3.46	cps
Selenium	78-2	1570	1513	1582	1555	2.37	cps
Selenium	82-1	11020	10826	10541	10796	2.23	cps
Silicon	28-1	349312	347528	341572	346137	1.17	cps
Silver	109-1	556716	558381	549874	554990	0.81	cps
Silver	107-1	586429	580692	567581	578234	1.67	cps
Sodium	23-2	1461980	1450748	1438242	1450323	0.82	cps
Strontium	86-1	138748	140347	137318	138804	1.09	cps
Strontium	88-1	1228333	1217421	1190690	1212148	1.60	cps
Sulfur	34-1	239299	240314	239188	239600	0.26	cps
Terbium	159-1	12198615	12343770	11977644	12173343	1.51	cps
Terbium	159-2	6060953	6039118	6015967	6038679	0.37	cps
Thallium	203-1	456911	454379	447938	453076	1.02	cps
Thallium	205-1	1078171	1082811	1051340	1070774	1.59	cps
Thorium	232-1	1478674	1454021	1433619	1455438	1.55	cps
Tin	118-1	378533	378418	368501	375151	1.54	cps
Titanium	47-1	278195	273261	272812	274756	1.09	cps
Uranium	238-1	1422007	1402397	1385897	1403434	1.29	cps
Vanadium	51-2	85952	83683	82697	84110	1.98	cps
Yttrium	89-1	26699455	26388298	25830165	26305973	1.67	cps
Yttrium	89-2	3627601	3617809	3586059	3610490	0.60	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:05:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47460	47293	46768	47174	0.77	cps
Zirconium	90-1	723514	712318	698389	711407	1.77	cps
Zirconium	91-1	161317	160455	155629	159134	1.93	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152933	153960	148406	151766	1.95	cps
Antimony	121-1	980240	980980	967357	976192	0.78	cps
Arsenic	75-2	29296	29161	28597	29018	1.28	cps
Barium	135-1	1250637	1255026	1245835	1250499	0.37	cps
Barium	137-1	2183324	2177076	2165299	2175233	0.42	cps
Beryllium	9-1	219843	217895	214595	217444	1.22	cps
Bismuth	209-1	7036470	7127405	7293101	7152325	1.82	cps
Bismuth	209-2	4263985	4313223	4271451	4282886	0.62	cps
Boron	10-1	30431	29622	29989	30014	1.35	cps
Boron	11-1	136823	134774	134461	135352	0.95	cps
Cadmium	111-1	296142	295756	295301	295733	0.14	cps
Cadmium	106-1	38779	39289	38353	38807	1.21	cps
Cadmium	108-1	21538	21312	21959	21603	1.52	cps
Calcium	43-1	284249	276902	276350	279167	1.58	cps
Calcium	44-1	4556025	4477844	4436507	4490125	1.35	cps
Chromium	52-2	230407	232693	226183	229761	1.44	cps
Cobalt	59-2	390950	395727	381910	389529	1.80	cps
Copper	63-2	555221	560704	548261	554729	1.12	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	37	53	30	40	30.04	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	67	57	53	59	11.79	cps
Gadolinium	160-1	83	125	67	92	32.78	cps
Gadolinium	160-2	190	157	150	166	12.95	cps
Holmium	165-1	10838070	10783646	11026478	10882731	1.17	cps
Holmium	165-2	5697263	5715742	5618845	5677283	0.91	cps
Indium	115-1	8365272	8372306	8476919	8404833	0.74	cps
Indium	115-2	1687185	1697230	1671397	1685271	0.77	cps
Iron	56-2	10178150	10210831	10001848	10130276	1.11	cps
Iron	57-2	260092	263871	255360	259775	1.64	cps
Krypton	83-1	220	220	183	208	10.19	cps
Lead	206-1	865897	863090	862528	863838	0.21	cps
Lead	207-1	759879	753950	759959	757929	0.45	cps
Lead	208-1	3443375	3431197	3436414	3436995	0.18	cps
Lithium	6-1	2625237	2602505	2612943	2613562	0.44	cps
Magnesium	24-2	1693064	1708700	1670196	1690654	1.15	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	298781	304092	296566	299813	1.29	cps
Molybdenum	94-1	2002427	2001190	1982793	1995470	0.55	cps
Molybdenum	95-1	2486539	2484025	2449194	2473253	0.84	cps
Molybdenum	96-1	2781250	2763304	2719834	2754796	1.15	cps
Molybdenum	97-1	1570391	1570197	1549948	1563512	0.75	cps
Molybdenum	98-1	4028303	4013130	3946282	3995905	1.09	cps
Neodymium	150-1	140	93	80	104	30.17	cps
Neodymium	150-2	7	17	23	16	53.90	cps
Nickel	60-2	102391	102616	101015	102007	0.85	cps
Phosphorus	31-2	8578	9153	8536	8756	3.94	cps
Potassium	39-2	837663	847251	821215	835376	1.58	cps
Rhodium	103-1	7274048	7279292	7320554	7291298	0.35	cps
Rhodium	103-2	3321359	3360060	3278610	3320010	1.23	cps
Scandium	45-1	4681515	4609639	4670477	4653877	0.83	cps
Scandium	45-2	179141	178792	172568	176834	2.09	cps
Selenium	77-2	1040	977	1020	1012	3.20	cps
Selenium	78-2	3258	3395	3265	3306	2.33	cps
Selenium	82-1	21677	21974	22248	21966	1.30	cps
Silicon	28-1	676015	678112	658520	670882	1.60	cps
Silver	109-1	1246410	1242238	1226868	1238505	0.83	cps
Silver	107-1	1299758	1293971	1275101	1289610	1.00	cps
Sodium	23-2	3171147	3220867	3142669	3178228	1.25	cps
Strontium	86-1	316189	310911	307446	311515	1.41	cps
Strontium	88-1	2746829	2723659	2712661	2727716	0.64	cps
Sulfur	34-1	292774	287761	280077	286871	2.23	cps
Terbium	159-1	11262773	11229949	11411002	11301241	0.85	cps
Terbium	159-2	5551583	5625925	5533824	5570444	0.88	cps
Thallium	203-1	1060944	1056318	1056570	1057944	0.25	cps
Thallium	205-1	2519073	2498614	2519591	2512426	0.48	cps
Thorium	232-1	3467177	3488294	3459827	3471766	0.43	cps
Tin	118-1	866765	863227	853342	861111	0.81	cps
Titanium	47-1	607177	599644	599853	602225	0.71	cps
Uranium	238-1	3300810	3326272	3345690	3324257	0.68	cps
Vanadium	51-2	181126	183461	179935	181507	0.99	cps
Yttrium	89-1	23758270	23589195	23921650	23756372	0.70	cps
Yttrium	89-2	3263650	3271151	3209233	3248011	1.04	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:09:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	98013	100358	97966	98779	1.38	cps
Zirconium	90-1	1616875	1601753	1583583	1600737	1.04	cps
Zirconium	91-1	358324	356457	359404	358062	0.42	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268409	269758	271726	269964	0.62	cps
Antimony	121-1	1762068	1790173	1784765	1779002	0.84	cps
Arsenic	75-2	49961	49673	49902	49845	0.30	cps
Barium	135-1	2286110	2303517	2318968	2302865	0.71	cps
Barium	137-1	4003987	4003601	4031497	4013029	0.40	cps
Beryllium	9-1	371466	371286	367720	370157	0.57	cps
Bismuth	209-1	6642453	6694795	6703049	6680099	0.49	cps
Bismuth	209-2	3982894	3995132	4010769	3996265	0.35	cps
Boron	10-1	52868	55177	54700	54248	2.25	cps
Boron	11-1	237507	238546	251221	242425	3.15	cps
Cadmium	111-1	515658	515778	514848	515428	0.10	cps
Cadmium	106-1	62664	60187	62413	61755	2.21	cps
Cadmium	108-1	38690	38114	38440	38415	0.75	cps
Calcium	43-1	490481	497155	490312	492649	0.79	cps
Calcium	44-1	8029513	8015755	7984579	8009949	0.29	cps
Chromium	52-2	405867	408997	407496	407453	0.38	cps
Cobalt	59-2	687704	688842	690303	688950	0.19	cps
Copper	63-2	972805	973685	972282	972924	0.07	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	83	63	67	71	15.07	cps
Erbium	164-1	42	83	50	58	37.80	cps
Erbium	164-2	80	43	60	61	30.04	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	167	197	180	181	8.30	cps
Holmium	165-1	10135897	10241700	10220907	10199501	0.55	cps
Holmium	165-2	5342180	5322047	5366891	5343706	0.42	cps
Indium	115-1	7548687	7606029	7577936	7577550	0.38	cps
Indium	115-2	1525643	1525820	1539750	1530404	0.53	cps
Iron	56-2	18217872	18055599	18139682	18137718	0.45	cps
Iron	57-2	467790	463572	461931	464431	0.65	cps
Krypton	83-1	173	207	170	183	11.06	cps
Lead	206-1	1636501	1632263	1640777	1636514	0.26	cps
Lead	207-1	1447104	1439651	1439133	1441963	0.31	cps
Lead	208-1	6498437	6513120	6528388	6513315	0.23	cps
Lithium	6-1	2270328	2275689	2245907	2263974	0.70	cps
Magnesium	24-2	3016739	3007662	3019012	3014471	0.20	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	537150	531633	535829	534871	0.54	cps
Molybdenum	94-1	3568560	3589086	3572764	3576804	0.30	cps
Molybdenum	95-1	4427270	4469787	4438371	4445143	0.50	cps
Molybdenum	96-1	4950787	4939718	4959100	4949868	0.20	cps
Molybdenum	97-1	2795506	2818089	2803955	2805850	0.41	cps
Molybdenum	98-1	7225109	7300709	7199819	7241879	0.72	cps
Neodymium	150-1	220	147	233	200	23.33	cps
Neodymium	150-2	13	17	27	19	36.75	cps
Nickel	60-2	180488	177536	177888	178638	0.90	cps
Phosphorus	31-2	14241	14041	14966	14416	3.38	cps
Potassium	39-2	1472932	1468967	1467846	1469915	0.18	cps
Rhodium	103-1	6430741	6471500	6432898	6445046	0.36	cps
Rhodium	103-2	2980928	2986913	2999905	2989249	0.32	cps
Scandium	45-1	3993249	4007557	3962997	3987935	0.57	cps
Scandium	45-2	156790	154984	157534	156436	0.84	cps
Selenium	77-2	1613	1463	1617	1565	5.60	cps
Selenium	78-2	5307	5273	5203	5261	1.01	cps
Selenium	82-1	36413	36001	36177	36197	0.57	cps
Silicon	28-1	1090176	1108942	1101300	1100140	0.86	cps
Silver	109-1	2212298	2211943	2227895	2217378	0.41	cps
Silver	107-1	2305161	2303813	2285040	2298005	0.49	cps
Sodium	23-2	5757952	5706067	5701300	5721773	0.55	cps
Strontium	86-1	560929	566879	562147	563318	0.56	cps
Strontium	88-1	4869100	4900830	4887114	4885681	0.33	cps
Sulfur	34-1	338986	338312	333664	336987	0.86	cps
Terbium	159-1	10530689	10551321	10547763	10543258	0.10	cps
Terbium	159-2	5223388	5226489	5244843	5231573	0.22	cps
Thallium	203-1	1990887	2017769	2024958	2011205	0.89	cps
Thallium	205-1	4746737	4756850	4774668	4759418	0.30	cps
Thorium	232-1	6700078	6733943	6797965	6743995	0.74	cps
Tin	118-1	1571885	1575155	1566231	1571091	0.29	cps
Titanium	47-1	1064828	1067375	1058263	1063489	0.44	cps
Uranium	238-1	6487962	6588994	6569075	6548677	0.82	cps
Vanadium	51-2	323625	325214	325244	324694	0.29	cps
Yttrium	89-1	21188708	21381359	21192030	21254032	0.52	cps
Yttrium	89-2	2927131	2925368	2944660	2932387	0.36	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:13:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	166820	165519	166513	166284	0.41	cps
Zirconium	90-1	2884144	2918488	2876811	2893148	0.77	cps
Zirconium	91-1	645068	646941	644452	645487	0.20	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543153	543388	546550	544364	0.35	cps
Antimony	121-1	3546732	3559152	3571839	3559241	0.35	cps
Arsenic	75-2	99304	100121	101102	100176	0.90	cps
Barium	135-1	4670025	4645551	4641033	4652203	0.34	cps
Barium	137-1	8214736	8200403	8205175	8206771	0.09	cps
Beryllium	9-1	718417	721159	718363	719313	0.22	cps
Bismuth	209-1	6788203	6861337	6850362	6833301	0.58	cps
Bismuth	209-2	4036719	4042732	4098158	4059203	0.83	cps
Boron	10-1	106834	108186	110007	108342	1.47	cps
Boron	11-1	477827	486313	492730	485623	1.54	cps
Cadmium	111-1	1018224	1018728	1018118	1018357	0.03	cps
Cadmium	106-1	116308	116838	115006	116051	0.81	cps
Cadmium	108-1	74604	74135	77029	75256	2.06	cps
Calcium	43-1	981881	981790	989031	984234	0.42	cps
Calcium	44-1	15937740	15980060	16030919	15982906	0.29	cps
Chromium	52-2	817188	823967	830805	823987	0.83	cps
Cobalt	59-2	1364240	1370976	1384758	1373325	0.76	cps
Copper	63-2	1928145	1935115	1955833	1939698	0.74	cps
Dysprosium	156-1	92	100	75	89	14.32	cps
Dysprosium	156-2	120	117	113	117	2.85	cps
Erbium	164-1	100	92	67	86	20.15	cps
Erbium	164-2	43	63	87	64	33.66	cps
Gadolinium	160-1	100	75	42	72	40.52	cps
Gadolinium	160-2	143	183	217	181	20.27	cps
Holmium	165-1	10560117	10538886	10618111	10572371	0.39	cps
Holmium	165-2	5510287	5519913	5563672	5531291	0.51	cps
Indium	115-1	7651915	7634586	7638428	7641643	0.12	cps
Indium	115-2	1540417	1546757	1562329	1549834	0.73	cps
Iron	56-2	36583390	36617147	36988017	36729518	0.61	cps
Iron	57-2	932576	930452	940273	934434	0.55	cps
Krypton	83-1	203	213	143	187	20.28	cps
Lead	206-1	3343332	3326734	3339319	3336462	0.26	cps
Lead	207-1	2931906	2922314	2935774	2929998	0.24	cps
Lead	208-1	13378298	13353988	13419526	13383937	0.25	cps
Lithium	6-1	2263300	2263342	2269206	2265283	0.15	cps
Magnesium	24-2	6171508	6116376	6169637	6152507	0.51	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1076787	1075862	1091754	1081468	0.82	cps
Molybdenum	94-1	7264604	7255418	7276853	7265625	0.15	cps
Molybdenum	95-1	9010559	8974529	9008730	8997940	0.23	cps
Molybdenum	96-1	10061115	10036919	10136853	10078295	0.52	cps
Molybdenum	97-1	5669787	5672382	5713474	5685214	0.43	cps
Molybdenum	98-1	14650312	14568555	14699272	14639380	0.45	cps
Neodymium	150-1	367	413	287	356	18.02	cps
Neodymium	150-2	33	40	53	42	24.12	cps
Nickel	60-2	351786	354546	357748	354693	0.84	cps
Phosphorus	31-2	30140	28228	29639	29335	3.38	cps
Potassium	39-2	2949350	2958756	2986682	2964929	0.65	cps
Rhodium	103-1	6435353	6420659	6454503	6436838	0.26	cps
Rhodium	103-2	3010542	3023888	3047296	3027242	0.61	cps
Scandium	45-1	3983789	3960020	4031090	3991633	0.91	cps
Scandium	45-2	160535	160290	161291	160705	0.32	cps
Selenium	77-2	3134	3157	3077	3123	1.32	cps
Selenium	78-2	10065	10126	10621	10270	2.97	cps
Selenium	82-1	71180	70989	71564	71244	0.41	cps
Silicon	28-1	2075562	2072452	2101779	2083264	0.77	cps
Silver	109-1	4328190	4311792	4374384	4338122	0.75	cps
Silver	107-1	4518801	4490012	4534112	4514308	0.50	cps
Sodium	23-2	11636630	11555543	11687711	11626628	0.57	cps
Strontium	86-1	1117578	1134490	1130921	1127663	0.79	cps
Strontium	88-1	9861182	9963231	9907492	9910635	0.52	cps
Sulfur	34-1	491614	487840	491410	490288	0.43	cps
Terbium	159-1	10878514	10862457	10889789	10876920	0.13	cps
Terbium	159-2	5341701	5376421	5445869	5387997	0.98	cps
Thallium	203-1	4114024	4128816	4144201	4129014	0.37	cps
Thallium	205-1	9930245	9887321	9908384	9908650	0.22	cps
Thorium	232-1	14002082	14210893	14091247	14101407	0.74	cps
Tin	118-1	3156166	3163940	3154258	3158121	0.16	cps
Titanium	47-1	2099346	2103161	2111328	2104612	0.29	cps
Uranium	238-1	13530754	13741763	13652834	13641783	0.78	cps
Vanadium	51-2	650829	652632	661880	655114	0.90	cps
Yttrium	89-1	21547699	21463191	21508410	21506433	0.20	cps
Yttrium	89-2	2976372	3007749	3017289	3000470	0.71	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:17:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	329021	325769	330146	328312	0.69	cps
Zirconium	90-1	5867213	5858891	5855918	5860674	0.10	cps
Zirconium	91-1	1293021	1285798	1288808	1289209	0.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1101070	1109569	1111469	1107369	0.50	cps
Antimony	121-1	7146736	7243538	7258285	7216186	0.84	cps
Arsenic	75-2	198144	199219	200769	199377	0.66	cps
Barium	135-1	9493971	9619243	9641936	9585050	0.83	cps
Barium	137-1	16556646	16696604	16606539	16619930	0.43	cps
Beryllium	9-1	1413754	1427696	1430009	1423820	0.62	cps
Bismuth	209-1	6692231	6814529	6759273	6755344	0.91	cps
Bismuth	209-2	3854092	3877746	3980004	3903948	1.71	cps
Boron	10-1	215472	222996	222260	220242	1.88	cps
Boron	11-1	977416	1001054	997452	991974	1.28	cps
Cadmium	111-1	2100066	2116192	2139584	2118614	0.94	cps
Cadmium	106-1	229515	233443	234850	232602	1.19	cps
Cadmium	108-1	155301	157164	158175	156880	0.93	cps
Calcium	43-1	1986603	2003694	1998771	1996356	0.44	cps
Calcium	44-1	32401310	32842267	32844210	32695929	0.78	cps
Chromium	52-2	1661612	1660098	1672917	1664876	0.42	cps
Cobalt	59-2	2735333	2756642	2760376	2750783	0.49	cps
Copper	63-2	4121567	4150312	4178975	4150284	0.69	cps
Dysprosium	156-1	150	125	117	131	13.29	cps
Dysprosium	156-2	187	230	190	202	11.93	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	63	83	70	72	14.11	cps
Gadolinium	160-1	100	125	50	92	41.66	cps
Gadolinium	160-2	203	197	183	194	5.24	cps
Holmium	165-1	10593371	10734702	10713490	10680521	0.71	cps
Holmium	165-2	5362540	5388547	5505807	5418965	1.41	cps
Indium	115-1	7517877	7556064	7617033	7563658	0.66	cps
Indium	115-2	1467725	1486118	1520881	1491574	1.81	cps
Iron	56-2	74064735	73886621	74098024	74016460	0.15	cps
Iron	57-2	1861490	1873630	1878555	1871225	0.47	cps
Krypton	83-1	237	187	257	227	15.91	cps
Lead	206-1	6692810	6773989	6779287	6748695	0.72	cps
Lead	207-1	5684212	5797228	5833656	5771699	1.35	cps
Lead	208-1	26365367	26862467	26989736	26739190	1.23	cps
Lithium	6-1	2296004	2315282	2316885	2309390	0.50	cps
Magnesium	24-2	12495077	12516571	12549171	12520273	0.22	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2165364	2164621	2181850	2170612	0.45	cps
Molybdenum	94-1	14602436	14821439	14788130	14737335	0.80	cps
Molybdenum	95-1	18038598	18285378	18311824	18211933	0.83	cps
Molybdenum	96-1	20253669	20433225	20569304	20418733	0.78	cps
Molybdenum	97-1	11443426	11567507	11635081	11548672	0.84	cps
Molybdenum	98-1	29338079	29670208	30109351	29705879	1.30	cps
Neodymium	150-1	587	687	573	616	10.06	cps
Neodymium	150-2	50	87	67	68	27.09	cps
Nickel	60-2	702372	705768	708787	705642	0.45	cps
Phosphorus	31-2	58273	59193	58248	58571	0.92	cps
Potassium	39-2	6093610	6066052	6121368	6093677	0.45	cps
Rhodium	103-1	6301800	6391256	6437366	6376807	1.08	cps
Rhodium	103-2	2875544	2906925	2964820	2915763	1.55	cps
Scandium	45-1	4037797	4071039	4071324	4060053	0.47	cps
Scandium	45-2	158676	158961	164208	160615	1.94	cps
Selenium	77-2	6028	5861	6288	6059	3.55	cps
Selenium	78-2	20351	20522	20604	20492	0.63	cps
Selenium	82-1	138131	137998	138576	138235	0.22	cps
Silicon	28-1	4052296	4112563	4133718	4099526	1.03	cps
Silver	109-1	9272063	9357446	9345131	9324880	0.49	cps
Silver	107-1	9566627	9651139	9716382	9644716	0.78	cps
Sodium	23-2	23810016	23895978	23870847	23858947	0.19	cps
Strontium	86-1	2270879	2289862	2266118	2275620	0.55	cps
Strontium	88-1	20001220	20247890	20168832	20139314	0.63	cps
Sulfur	34-1	828495	832883	830470	830616	0.26	cps
Terbium	159-1	10989051	11005643	11031469	11008721	0.19	cps
Terbium	159-2	5253843	5292672	5377393	5307969	1.19	cps
Thallium	203-1	8451480	8492101	8444086	8462556	0.31	cps
Thallium	205-1	19664017	19786177	19816092	19755429	0.41	cps
Thorium	232-1	28141299	28453062	28438426	28344262	0.62	cps
Tin	118-1	6394286	6477386	6457429	6443034	0.67	cps
Titanium	47-1	4234741	4289621	4284717	4269693	0.71	cps
Uranium	238-1	27244407	27430052	27394836	27356432	0.36	cps
Vanadium	51-2	1336876	1336970	1345072	1339639	0.35	cps
Yttrium	89-1	21533700	21874844	21846811	21751785	0.87	cps
Yttrium	89-2	2926357	2947892	2999794	2958014	1.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:20:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	709571	707390	712740	709900	0.38	cps
Zirconium	90-1	11857790	12011259	11978846	11949298	0.68	cps
Zirconium	91-1	2594923	2633119	2619153	2615732	0.74	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5997604	5996511	6039097	6011071	0.40	cps
Antimony	121-1	11188	11747	11297	11411	2.60	cps
Arsenic	75-2	237	285	326	283	15.74	cps
Barium	135-1	1817	1775	1650	1747	4.96	cps
Barium	137-1	3509	3117	2592	3073	14.97	cps
Beryllium	9-1	363	333	277	324	13.57	cps
Bismuth	209-1	5599622	5582913	5576537	5586357	0.21	cps
Bismuth	209-2	3406160	3402798	3424170	3411043	0.34	cps
Boron	10-1	12589	12664	11763	12339	4.05	cps
Boron	11-1	58589	56197	53998	56261	4.08	cps
Cadmium	111-1	5088	4862	4924	4958	2.35	cps
Cadmium	106-1	6852	6518	6535	6635	2.83	cps
Cadmium	108-1	83	54	25	54	53.85	cps
Calcium	43-1	9935631	10025289	10137681	10032867	1.01	cps
Calcium	44-1	161088033	161551354	163000233	161879873	0.62	cps
Chromium	52-2	26751	25596	25853	26067	2.33	cps
Cobalt	59-2	33826	34006	34467	34100	0.97	cps
Copper	63-2	5001	5221	5324	5182	3.19	cps
Dysprosium	156-1	75	58	92	75	22.22	cps
Dysprosium	156-2	50	47	73	57	25.64	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	67	50	90	69	29.17	cps
Gadolinium	160-1	92	108	117	106	12.06	cps
Gadolinium	160-2	193	257	227	226	14.04	cps
Holmium	165-1	9879103	9840109	9876728	9865313	0.22	cps
Holmium	165-2	5239914	5193142	5195103	5209386	0.51	cps
Indium	115-1	7052315	7070379	7112114	7078269	0.43	cps
Indium	115-2	1493626	1492728	1496363	1494239	0.13	cps
Iron	56-2	379281264	377540808	383500420	380107497	0.81	cps
Iron	57-2	9549225	9517800	9625706	9564244	0.58	cps
Krypton	83-1	320	200	263	261	22.99	cps
Lead	206-1	5740	5462	5468	5557	2.86	cps
Lead	207-1	5057	4757	4773	4862	3.47	cps
Lead	208-1	21802	20840	20918	21187	2.52	cps
Lithium	6-1	2292559	2292898	2318810	2301423	0.65	cps
Magnesium	24-2	64824062	64175712	65047647	64682474	0.70	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8469	8202	8546	8406	2.15	cps
Molybdenum	94-1	8144	7044	7536	7575	7.28	cps
Molybdenum	95-1	11639	11255	11105	11333	2.43	cps
Molybdenum	96-1	18162	17478	17603	17748	2.05	cps
Molybdenum	97-1	6985	6985	6352	6774	5.40	cps
Molybdenum	98-1	17336	17311	15584	16744	6.00	cps
Neodymium	150-1	153	160	113	142	17.75	cps
Neodymium	150-2	87	53	63	68	25.24	cps
Nickel	60-2	12429	12242	13383	12685	4.82	cps
Phosphorus	31-2	92	83	117	97	17.84	cps
Potassium	39-2	32012115	31938307	32444053	32131492	0.85	cps
Rhodium	103-1	5709944	5764820	5778648	5751137	0.63	cps
Rhodium	103-2	2755545	2724298	2760359	2746734	0.71	cps
Scandium	45-1	4017130	4038675	4053864	4036556	0.46	cps
Scandium	45-2	171199	169813	172521	171178	0.79	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	28	31	44	35	25.31	cps
Selenium	82-1	-9	85	65	47	105.13	cps
Silicon	28-1	337219	343292	345631	342047	1.27	cps
Silver	109-1	1233	1000	958	1064	13.93	cps
Silver	107-1	1242	1325	1083	1217	10.09	cps
Sodium	23-2	122817057	122197861	124321040	123111986	0.89	cps
Strontium	86-1	9453	9487	9554	9498	0.54	cps
Strontium	88-1	81992	82361	80375	81576	1.30	cps
Sulfur	34-1	152985	156372	160263	156540	2.33	cps
Terbium	159-1	10144840	10205643	10230306	10193597	0.43	cps
Terbium	159-2	5100633	5089615	5086951	5092400	0.14	cps
Thallium	203-1	2859	2567	2050	2492	16.43	cps
Thallium	205-1	6143	5493	4818	5485	12.09	cps
Thorium	232-1	8881	7980	7380	8081	9.35	cps
Tin	118-1	3859	3684	3601	3715	3.55	cps
Titanium	47-1	1717	1750	1875	1781	4.69	cps
Uranium	238-1	6210	5376	5151	5579	10.00	cps
Vanadium	51-2	223	263	257	248	8.65	cps
Yttrium	89-1	20706782	20744956	20951258	20800999	0.63	cps
Yttrium	89-2	3027366	3017761	3050053	3031727	0.55	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:24:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6298	6418	6558	6425	2.03	cps
Zirconium	90-1	4109	4001	4009	4040	1.49	cps
Zirconium	91-1	892	1000	783	892	12.15	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31133	30348	30390	30624	1.44	cps
Antimony	121-1	1589168	1562978	1560544	1570897	1.01	cps
Arsenic	75-2	49090	48111	48319	48506	1.06	cps
Barium	135-1	208496	205149	203788	205811	1.18	cps
Barium	137-1	359404	358953	357557	358638	0.27	cps
Beryllium	9-1	171395	168218	168091	169235	1.11	cps
Bismuth	209-1	7088216	7269179	7425581	7260992	2.33	cps
Bismuth	209-2	4471344	4411872	4432359	4438525	0.68	cps
Boron	10-1	130593	130593	133014	131400	1.06	cps
Boron	11-1	581948	590966	604738	592551	1.94	cps
Cadmium	111-1	237997	235344	233634	235658	0.93	cps
Cadmium	106-1	28095	26409	27119	27208	3.11	cps
Cadmium	108-1	18492	17607	17503	17867	3.04	cps
Calcium	43-1	47193	46683	46884	46920	0.55	cps
Calcium	44-1	770175	766421	757661	764752	0.84	cps
Chromium	52-2	195366	190273	189909	191849	1.59	cps
Cobalt	59-2	331848	329983	325542	329124	0.98	cps
Copper	63-2	239729	234597	235654	236660	1.15	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	33	33	13	27	43.31	cps
Erbium	164-1	133	58	117	103	38.31	cps
Erbium	164-2	80	77	87	81	6.28	cps
Gadolinium	160-1	83	75	100	86	14.78	cps
Gadolinium	160-2	223	237	237	232	3.31	cps
Holmium	165-1	10952075	11164035	11209696	11108602	1.24	cps
Holmium	165-2	6073283	5992397	5988422	6018034	0.80	cps
Indium	115-1	8577994	8831977	8892933	8767634	1.91	cps
Indium	115-2	1819282	1791660	1802045	1804329	0.77	cps
Iron	56-2	1761105	1729663	1735488	1742086	0.96	cps
Iron	57-2	44256	42924	42629	43270	2.00	cps
Krypton	83-1	240	200	223	221	9.09	cps
Lead	206-1	1392180	1375746	1385339	1384422	0.60	cps
Lead	207-1	1197544	1195519	1215393	1202818	0.91	cps
Lead	208-1	5478690	5448985	5495798	5474491	0.43	cps
Lithium	6-1	2640037	2697842	2700833	2679570	1.28	cps
Magnesium	24-2	175290	170307	166759	170785	2.51	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	125116	122252	122643	123337	1.26	cps
Molybdenum	94-1	5865537	5840820	5863922	5856760	0.24	cps
Molybdenum	95-1	10384977	10309201	10285108	10326429	0.50	cps
Molybdenum	96-1	11188706	11103281	11053087	11115024	0.62	cps
Molybdenum	97-1	6552425	6510436	6441290	6501384	0.86	cps
Molybdenum	98-1	16714858	16604265	16435916	16585013	0.85	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	88974	86604	86845	87475	1.49	cps
Phosphorus	31-2	75	58	75	69	13.85	cps
Potassium	39-2	296086	289068	288832	291329	1.41	cps
Rhodium	103-1	7561197	7761939	7767343	7696827	1.53	cps
Rhodium	103-2	3618139	3575863	3564208	3586070	0.79	cps
Scandium	45-1	4805283	4934346	4943561	4894397	1.58	cps
Scandium	45-2	195137	190186	190203	191842	1.49	cps
Selenium	77-2	1460	1437	1560	1486	4.41	cps
Selenium	78-2	5190	5197	5268	5218	0.82	cps
Selenium	82-1	34863	34324	34467	34551	0.81	cps
Silicon	28-1	110825	116912	116778	114838	3.03	cps
Silver	109-1	971265	957409	962057	963577	0.73	cps
Silver	107-1	1011200	1000462	990616	1000759	1.03	cps
Sodium	23-2	551153	532599	540177	541309	1.72	cps
Strontium	86-1	6068	6143	6185	6132	0.96	cps
Strontium	88-1	53978	53107	52898	53328	1.07	cps
Sulfur	34-1	171618	166571	170051	169413	1.52	cps
Terbium	159-1	11344722	11575410	11672102	11530745	1.46	cps
Terbium	159-2	5959190	5880478	5863366	5901011	0.87	cps
Thallium	203-1	1748551	1738763	1724200	1737171	0.71	cps
Thallium	205-1	4108720	4076069	4072614	4085801	0.49	cps
Thorium	232-1	2661	2556	2739	2652	3.47	cps
Tin	118-1	983	1133	1117	1078	7.63	cps
Titanium	47-1	2611382	2587885	2564332	2587866	0.91	cps
Uranium	238-1	1859	2217	2325	2134	11.45	cps
Vanadium	51-2	153758	152522	151458	152579	0.75	cps
Yttrium	89-1	24464112	25108546	25071237	24881299	1.45	cps
Yttrium	89-2	3524852	3464634	3470305	3486597	0.95	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:47:31	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	89187	88845	89888	89306	0.60	cps
Zirconium	90-1	1867	1517	1617	1667	10.82	cps
Zirconium	91-1	525	483	575	528	8.70	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	58	50	44.10	cps
Antimony	121-1	250	358	392	333	22.22	cps
Arsenic	75-2	2	7	13	7	75.00	cps
Barium	135-1	42	17	25	28	45.82	cps
Barium	137-1	25	75	42	47	53.91	cps
Beryllium	9-1	50	77	80	69	23.87	cps
Bismuth	209-1	7647984	7546977	7461193	7552051	1.24	cps
Bismuth	209-2	4621708	4594468	4582914	4599697	0.43	cps
Boron	10-1	3667	3767	3642	3692	1.79	cps
Boron	11-1	17394	16368	16601	16788	3.20	cps
Cadmium	111-1	5946	5622	5550	5706	3.69	cps
Cadmium	106-1	8445	8003	7919	8122	3.48	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	100	133	100	111	17.32	cps
Calcium	44-1	8263	8021	7821	8035	2.75	cps
Chromium	52-2	147	153	187	162	13.21	cps
Cobalt	59-2	53	20	27	33	52.91	cps
Copper	63-2	513	483	460	486	5.51	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	100	25	42	56	70.89	cps
Erbium	164-2	47	57	47	50	11.55	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	183	213	250	216	15.49	cps
Holmium	165-1	11902128	11771991	11643755	11772625	1.10	cps
Holmium	165-2	6362863	6308578	6267922	6313121	0.75	cps
Indium	115-1	9623731	9498868	9453908	9525502	0.92	cps
Indium	115-2	1956481	1951517	1928356	1945452	0.77	cps
Iron	56-2	2761	2623	2650	2678	2.75	cps
Iron	57-2	161	94	139	131	25.82	cps
Krypton	83-1	230	263	223	239	8.97	cps
Lead	206-1	806	845	761	804	5.19	cps
Lead	207-1	850	878	661	796	14.81	cps
Lead	208-1	2956	3000	2756	2904	4.48	cps
Lithium	6-1	2982143	2950561	2939317	2957340	0.75	cps
Magnesium	24-2	133	167	92	131	28.78	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	17	23	21	18.21	cps
Molybdenum	94-1	442	367	342	383	13.58	cps
Molybdenum	95-1	408	433	342	394	12.01	cps
Molybdenum	96-1	500	600	367	489	23.94	cps
Molybdenum	97-1	242	233	200	225	9.80	cps
Molybdenum	98-1	742	667	700	703	5.35	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	7	23	37	22	67.63	cps
Phosphorus	31-2	33	58	33	42	34.65	cps
Potassium	39-2	11205	11647	10496	11116	5.22	cps
Rhodium	103-1	8511905	8411913	8346178	8423332	0.99	cps
Rhodium	103-2	3912279	3900852	3893344	3902158	0.24	cps
Scandium	45-1	5525287	5471496	5433017	5476600	0.85	cps
Scandium	45-2	215050	213907	210741	213232	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	43	50	43	17.39	cps
Selenium	82-1	63	-19	33	26	160.54	cps
Silicon	28-1	90507	91395	91186	91029	0.51	cps
Silver	109-1	192	150	125	156	21.65	cps
Silver	107-1	225	217	217	219	2.19	cps
Sodium	23-2	5568	6218	5893	5893	5.52	cps
Strontium	86-1	425	508	408	447	11.98	cps
Strontium	88-1	200	283	258	247	17.30	cps
Sulfur	34-1	204719	205331	207906	205985	0.82	cps
Terbium	159-1	12432473	12203876	12084789	12240379	1.44	cps
Terbium	159-2	6250022	6258550	6179048	6229207	0.70	cps
Thallium	203-1	617	650	633	633	2.63	cps
Thallium	205-1	925	1083	1108	1039	9.57	cps
Thorium	232-1	1628	1784	1839	1750	6.25	cps
Tin	118-1	600	467	567	544	12.75	cps
Titanium	47-1	108	58	100	89	30.13	cps
Uranium	238-1	2350	2067	1975	2131	9.18	cps
Vanadium	51-2	7	7	17	10	57.72	cps
Yttrium	89-1	27476680	27044286	26946806	27155924	1.04	cps
Yttrium	89-2	3813156	3784729	3773298	3790394	0.54	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 13:59:17	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	267	310	284	7.98	cps
Zirconium	90-1	767	750	717	744	3.42	cps
Zirconium	91-1	125	150	225	167	31.22	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5628252	5669606	5607113	5634990	0.56	cps
Antimony	121-1	8995	8970	8887	8950	0.63	cps
Arsenic	75-2	72	89	76	79	11.08	cps
Barium	135-1	2959	2859	3000	2939	2.48	cps
Barium	137-1	4893	5026	4943	4954	1.36	cps
Beryllium	9-1	473	493	453	473	4.23	cps
Bismuth	209-1	6665967	6756567	6820272	6747602	1.15	cps
Bismuth	209-2	3975520	4030832	4043719	4016690	0.90	cps
Boron	10-1	3175	3025	3000	3067	3.09	cps
Boron	11-1	13774	13590	12881	13415	3.51	cps
Cadmium	111-1	5887	5356	5468	5570	5.02	cps
Cadmium	106-1	7044	6568	6402	6671	4.99	cps
Cadmium	108-1	1688	1596	1596	1627	3.25	cps
Calcium	43-1	2112987	2144427	2140254	2132556	0.80	cps
Calcium	44-1	35046031	35251389	35463979	35253800	0.59	cps
Chromium	52-2	36572	36736	36830	36712	0.35	cps
Cobalt	59-2	3754	3811	3364	3643	6.68	cps
Copper	63-2	16696	16746	16463	16635	0.91	cps
Dysprosium	156-1	83	42	58	61	34.32	cps
Dysprosium	156-2	43	20	20	28	48.49	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	57	63	70	63	10.52	cps
Gadolinium	160-1	50	42	75	56	31.22	cps
Gadolinium	160-2	170	173	207	183	11.06	cps
Holmium	165-1	10907369	11144030	11171313	11074237	1.31	cps
Holmium	165-2	5863054	5922978	5823238	5869757	0.86	cps
Indium	115-1	8109755	8269811	8226421	8201996	1.01	cps
Indium	115-2	1657745	1670535	1667878	1665386	0.41	cps
Iron	56-2	161031920	161822154	160724359	161192811	0.35	cps
Iron	57-2	3993992	4025428	4027315	4015578	0.47	cps
Krypton	83-1	233	240	237	237	1.41	cps
Lead	206-1	31688	31766	32819	32091	1.97	cps
Lead	207-1	24696	24434	26221	25117	3.84	cps
Lead	208-1	117000	116537	121677	118405	2.40	cps
Lithium	6-1	2513571	2526942	2529615	2523376	0.34	cps
Magnesium	24-2	13546227	13648551	13606732	13600503	0.38	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9180	9490	9106	9259	2.20	cps
Molybdenum	94-1	3988705	4018859	4026523	4011362	0.50	cps
Molybdenum	95-1	7166261	7236513	7253343	7218706	0.64	cps
Molybdenum	96-1	7721843	7754808	7805444	7760698	0.54	cps
Molybdenum	97-1	4421533	4406255	4472625	4433471	0.78	cps
Molybdenum	98-1	11570773	11636498	11793208	11666826	0.98	cps
Neodymium	150-1	47	20	27	31	44.61	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	4237	4187	3997	4141	3.06	cps
Phosphorus	31-2	315791	318055	313110	315652	0.78	cps
Potassium	39-2	13372067	13468785	13440025	13426959	0.37	cps
Rhodium	103-1	6834599	6892408	6924032	6883680	0.66	cps
Rhodium	103-2	3158439	3201046	3205908	3188464	0.82	cps
Scandium	45-1	4595245	4637334	4514783	4582454	1.36	cps
Scandium	45-2	180367	180881	180814	180688	0.15	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	44	28	39	37	22.90	cps
Selenium	82-1	30	1	5	12	130.64	cps
Silicon	28-1	179093	183268	181421	181261	1.15	cps
Silver	109-1	308	342	392	347	12.08	cps
Silver	107-1	392	433	417	414	5.07	cps
Sodium	23-2	25902565	26058154	25942482	25967734	0.31	cps
Strontium	86-1	81917	83710	84256	83294	1.47	cps
Strontium	88-1	725465	731361	736417	731081	0.75	cps
Sulfur	34-1	3918989	3926993	3937114	3927699	0.23	cps
Terbium	159-1	11333204	11400535	11528127	11420622	0.87	cps
Terbium	159-2	5620493	5684542	5686612	5663882	0.66	cps
Thallium	203-1	1067	1025	1275	1122	11.94	cps
Thallium	205-1	2225	2200	2609	2345	9.76	cps
Thorium	232-1	2039	1989	1950	1993	2.24	cps
Tin	118-1	2217	1942	2542	2234	13.45	cps
Titanium	47-1	1868631	1880847	1884953	1878144	0.45	cps
Uranium	238-1	2559	2559	2342	2486	5.03	cps
Vanadium	51-2	240	220	230	230	4.35	cps
Yttrium	89-1	23234192	23537390	23602940	23458174	0.84	cps
Yttrium	89-2	3258813	3294567	3288390	3280590	0.58	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:02:54	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3984	4124	3981	4030	2.03	cps
Zirconium	90-1	958	1108	1083	1050	7.65	cps
Zirconium	91-1	225	192	183	200	11.02	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5695229	5681577	5732474	5703093	0.46	cps
Antimony	121-1	159859	164259	165488	163202	1.81	cps
Arsenic	75-2	4527	4495	4432	4485	1.07	cps
Barium	135-1	44522	43979	45367	44623	1.57	cps
Barium	137-1	77055	75547	77550	76717	1.36	cps
Beryllium	9-1	32014	33260	32461	32578	1.94	cps
Bismuth	209-1	6886416	6826978	7031885	6915093	1.52	cps
Bismuth	209-2	4059941	4071141	4158322	4096468	1.31	cps
Boron	10-1	15125	15358	14908	15130	1.49	cps
Boron	11-1	68707	67828	71076	69204	2.43	cps
Cadmium	111-1	47413	48865	48559	48279	1.59	cps
Cadmium	106-1	12114	12823	12464	12467	2.84	cps
Cadmium	108-1	5426	5172	5255	5284	2.45	cps
Calcium	43-1	2163094	2162621	2209377	2178364	1.23	cps
Calcium	44-1	35688069	35882762	36320450	35963760	0.90	cps
Chromium	52-2	73726	72712	73348	73262	0.70	cps
Cobalt	59-2	64779	64742	65613	65045	0.76	cps
Copper	63-2	59028	60267	60354	59883	1.24	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	30	33	40	34	14.78	cps
Erbium	164-1	58	117	83	86	33.98	cps
Erbium	164-2	47	50	60	52	13.28	cps
Gadolinium	160-1	83	117	58	86	33.98	cps
Gadolinium	160-2	210	200	190	200	5.00	cps
Holmium	165-1	11437043	11325721	11602312	11455025	1.21	cps
Holmium	165-2	5983070	6043753	6107166	6044663	1.03	cps
Indium	115-1	8355494	8335850	8481508	8390951	0.94	cps
Indium	115-2	1667346	1674178	1709160	1683561	1.33	cps
Iron	56-2	162346248	161708881	164150043	162735057	0.78	cps
Iron	57-2	4004978	4004621	4076857	4028819	1.03	cps
Krypton	83-1	267	197	247	237	15.23	cps
Lead	206-1	171035	172820	175775	173210	1.38	cps
Lead	207-1	143624	142102	143338	143021	0.57	cps
Lead	208-1	656682	657209	672423	662105	1.35	cps
Lithium	6-1	2549296	2539732	2580999	2556676	0.84	cps
Magnesium	24-2	13763638	13712711	13929904	13802084	0.82	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32807	32466	34103	33125	2.61	cps
Molybdenum	94-1	4469494	4425326	4485623	4460148	0.70	cps
Molybdenum	95-1	7512825	7498604	7639899	7550443	1.03	cps
Molybdenum	96-1	8144715	8176991	8306646	8209450	1.04	cps
Molybdenum	97-1	4617289	4642320	4685818	4648476	0.75	cps
Molybdenum	98-1	12108558	12273728	12342451	12241579	0.98	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	30	30	17	26	30.11	cps
Nickel	60-2	19316	19717	20107	19713	2.01	cps
Phosphorus	31-2	317953	316978	321374	318768	0.72	cps
Potassium	39-2	13536727	13499298	13677336	13571120	0.69	cps
Rhodium	103-1	6999704	7015547	7097024	7037425	0.74	cps
Rhodium	103-2	3212679	3218959	3291207	3240948	1.35	cps
Scandium	45-1	4678987	4672863	4752632	4701494	0.94	cps
Scandium	45-2	183189	181547	184901	183212	0.92	cps
Selenium	77-2	103	87	120	103	16.13	cps
Selenium	78-2	517	463	506	495	5.73	cps
Selenium	82-1	2999	3095	3036	3044	1.59	cps
Silicon	28-1	429162	434804	433153	432373	0.67	cps
Silver	109-1	181839	180438	182613	181630	0.61	cps
Silver	107-1	187738	188142	187340	187740	0.21	cps
Sodium	23-2	26146256	26099952	26525746	26257318	0.89	cps
Strontium	86-1	249323	250411	255001	251578	1.20	cps
Strontium	88-1	2180290	2188414	2222260	2196988	1.01	cps
Sulfur	34-1	3944025	3974789	4004148	3974321	0.76	cps
Terbium	159-1	11707143	11775734	11872121	11784999	0.70	cps
Terbium	159-2	5851115	5772576	5940374	5854688	1.43	cps
Thallium	203-1	174067	173283	176539	174629	0.97	cps
Thallium	205-1	405558	409265	418024	410949	1.56	cps
Thorium	232-1	4051	3728	3812	3864	4.33	cps
Tin	118-1	390133	390909	395354	392132	0.72	cps
Titanium	47-1	1943262	1960668	1978955	1960962	0.91	cps
Uranium	238-1	1551864	1547781	1576989	1558878	1.01	cps
Vanadium	51-2	29930	29774	29974	29893	0.35	cps
Yttrium	89-1	24003933	23884784	24420656	24103124	1.17	cps
Yttrium	89-2	3307267	3307673	3393738	3336226	1.49	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:06:31	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11365	11014	11158	11179	1.58	cps
Zirconium	90-1	722603	720228	734770	725867	1.07	cps
Zirconium	91-1	160213	161197	164369	161927	1.34	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3360072	3408301	3365417	3377930	0.78	cps
Antimony	121-1	3987644	3974023	3930735	3964134	0.75	cps
Arsenic	75-2	123704	125937	123321	124321	1.14	cps
Barium	135-1	5305015	5289039	5252408	5282154	0.51	cps
Barium	137-1	9444343	9410714	9390936	9415331	0.29	cps
Beryllium	9-1	863019	862720	858727	861489	0.28	cps
Bismuth	209-1	7062958	7063281	6970212	7032150	0.76	cps
Bismuth	209-2	4080298	4089702	4051652	4073884	0.49	cps
Boron	10-1	124913	125233	126643	125596	0.73	cps
Boron	11-1	559491	564134	569188	564271	0.86	cps
Cadmium	111-1	1256015	1249256	1233569	1246280	0.92	cps
Cadmium	106-1	141947	141484	139026	140819	1.12	cps
Cadmium	108-1	93615	92931	89896	92147	2.15	cps
Calcium	43-1	5981333	5910579	5883549	5925154	0.85	cps
Calcium	44-1	96073073	95027171	94927717	95342654	0.67	cps
Chromium	52-2	990183	994848	989972	991668	0.28	cps
Cobalt	59-2	1615152	1611272	1596460	1607628	0.61	cps
Copper	63-2	2479624	2473355	2457858	2470279	0.45	cps
Dysprosium	156-1	142	42	67	83	62.45	cps
Dysprosium	156-2	170	177	100	149	28.53	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	33	57	63	51	30.82	cps
Gadolinium	160-1	92	50	75	72	29.04	cps
Gadolinium	160-2	217	160	250	209	21.78	cps
Holmium	165-1	12083051	12040113	11903233	12008799	0.78	cps
Holmium	165-2	6230847	6242824	6170553	6214742	0.62	cps
Indium	115-1	8759882	8676659	8641658	8692733	0.70	cps
Indium	115-2	1718274	1722412	1707381	1716022	0.45	cps
Iron	56-2	211269483	211395777	209916660	210860640	0.39	cps
Iron	57-2	5335844	5283555	5282265	5300554	0.58	cps
Krypton	83-1	200	267	210	226	15.94	cps
Lead	206-1	3537407	3499514	3461202	3499374	1.09	cps
Lead	207-1	3098867	3049091	3029546	3059168	1.17	cps
Lead	208-1	14202999	14095484	13964011	14087498	0.85	cps
Lithium	6-1	2748590	2734779	2712358	2731909	0.67	cps
Magnesium	24-2	36256339	36565241	36141647	36321076	0.60	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1262254	1278349	1260626	1267076	0.77	cps
Molybdenum	94-1	8742258	8700117	8612464	8684946	0.76	cps
Molybdenum	95-1	10801638	10759684	10643234	10734852	0.76	cps
Molybdenum	96-1	12113452	12037631	11968616	12039899	0.60	cps
Molybdenum	97-1	6808668	6796483	6709937	6771696	0.79	cps
Molybdenum	98-1	17515787	17381638	17249617	17382347	0.77	cps
Neodymium	150-1	473	527	447	482	8.45	cps
Neodymium	150-2	77	93	60	77	21.74	cps
Nickel	60-2	407298	409719	404549	407189	0.64	cps
Phosphorus	31-2	36086	35652	35836	35858	0.61	cps
Potassium	39-2	18176643	18294901	18149891	18207145	0.42	cps
Rhodium	103-1	7277160	7270584	7189613	7245786	0.67	cps
Rhodium	103-2	3274337	3297125	3254337	3275266	0.65	cps
Scandium	45-1	5108858	5065577	5023613	5066016	0.84	cps
Scandium	45-2	195707	196437	192392	194845	1.11	cps
Selenium	77-2	3601	3647	3727	3658	1.75	cps
Selenium	78-2	12240	12704	12276	12407	2.08	cps
Selenium	82-1	84849	84579	82718	84048	1.38	cps
Silicon	28-1	2578906	2578730	2591979	2583205	0.29	cps
Silver	109-1	5276411	5251853	5200798	5243021	0.74	cps
Silver	107-1	5710363	5445111	5388853	5514776	3.11	cps
Sodium	23-2	69391727	69643714	68965322	69333588	0.49	cps
Strontium	86-1	1327590	1323995	1315557	1322380	0.47	cps
Strontium	88-1	11856497	11805707	11675489	11779231	0.79	cps
Sulfur	34-1	592191	585702	582274	586722	0.86	cps
Terbium	159-1	12449819	12372242	12218296	12346786	0.95	cps
Terbium	159-2	6057044	6110153	6020100	6062433	0.75	cps
Thallium	203-1	4402916	4368161	4318493	4363190	0.97	cps
Thallium	205-1	10640890	10598981	10474563	10571478	0.82	cps
Thorium	232-1	15292780	15119933	15042177	15151630	0.85	cps
Tin	118-1	3572590	3540226	3539769	3550862	0.53	cps
Titanium	47-1	2605296	2568035	2539825	2571052	1.28	cps
Uranium	238-1	14561797	14539059	14428557	14509804	0.49	cps
Vanadium	51-2	799096	800894	797364	799118	0.22	cps
Yttrium	89-1	25788189	25541160	25260510	25529953	1.03	cps
Yttrium	89-2	3475798	3478138	3456049	3469995	0.35	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:10:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	436385	437827	432777	435663	0.60	cps
Zirconium	90-1	7108503	7091249	7010460	7070071	0.74	cps
Zirconium	91-1	1551919	1538656	1519114	1536563	1.07	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1500	1500	1500	0.00	cps
Antimony	121-1	16878	16435	17170	16827	2.20	cps
Arsenic	75-2	298	298	269	288	5.93	cps
Barium	135-1	22219	22252	21935	22135	0.79	cps
Barium	137-1	38404	37736	38220	38120	0.91	cps
Beryllium	9-1	1967	1883	1940	1930	2.21	cps
Bismuth	209-1	7463333	7498234	7423726	7461764	0.50	cps
Bismuth	209-2	4584093	4533128	4478828	4532016	1.16	cps
Boron	10-1	7377	7802	7527	7569	2.85	cps
Boron	11-1	34841	35852	35818	35504	1.62	cps
Cadmium	111-1	7729	7699	7571	7666	1.09	cps
Cadmium	106-1	7802	7677	7577	7686	1.47	cps
Cadmium	108-1	167	179	167	171	4.22	cps
Calcium	43-1	12472	12639	13498	12870	4.28	cps
Calcium	44-1	211741	211054	213833	212209	0.68	cps
Chromium	52-2	4668	4731	4591	4663	1.50	cps
Cobalt	59-2	3781	3874	3884	3846	1.48	cps
Copper	63-2	5915	5861	5761	5846	1.33	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	43	53	37	44	18.87	cps
Gadolinium	160-1	42	117	67	75	50.92	cps
Gadolinium	160-2	207	217	223	216	3.89	cps
Holmium	165-1	11838729	11746233	11722870	11769278	0.52	cps
Holmium	165-2	6345460	6402300	6243512	6330424	1.27	cps
Indium	115-1	9437142	9551018	9513487	9500549	0.61	cps
Indium	115-2	1948822	1966580	1918629	1944677	1.25	cps
Iron	56-2	107916	108592	108823	108444	0.43	cps
Iron	57-2	2900	2867	2773	2847	2.33	cps
Krypton	83-1	220	237	237	231	4.16	cps
Lead	206-1	7491	7447	7997	7645	4.00	cps
Lead	207-1	6641	6452	6724	6606	2.11	cps
Lead	208-1	29197	29330	30837	29788	3.06	cps
Lithium	6-1	2902576	2939046	2945764	2929129	0.79	cps
Magnesium	24-2	82292	83943	81865	82700	1.33	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:27:54	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1527	1593	1507	1542	2.94	cps
Molybdenum	94-1	17370	17403	17661	17478	0.91	cps
Molybdenum	95-1	21909	22184	21450	21848	1.70	cps
Molybdenum	96-1	23896	23946	24873	24238	2.27	cps
Molybdenum	97-1	13557	14216	14258	14010	2.81	cps
Molybdenum	98-1	34943	35521	34960	35141	0.93	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	980	1030	960	990	3.64	cps
Phosphorus	31-2	308	233	258	267	14.32	cps
Potassium	39-2	91449	92906	91876	92077	0.81	cps
Rhodium	103-1	8379652	8411418	8433437	8408169	0.32	cps
Rhodium	103-2	3916979	3921496	3865589	3901355	0.80	cps
Scandium	45-1	5412267	5498978	5502517	5471254	0.93	cps
Scandium	45-2	215205	217214	213063	215161	0.96	cps
Selenium	77-2	33	73	37	48	46.45	cps
Selenium	78-2	224	189	206	206	8.54	cps
Selenium	82-1	996	1096	1013	1035	5.14	cps
Silicon	28-1	151973	150626	153699	152099	1.01	cps
Silver	109-1	11464	11697	11697	11619	1.16	cps
Silver	107-1	12539	12122	12114	12259	1.98	cps
Sodium	23-2	159532	159262	158462	159085	0.35	cps
Strontium	86-1	3200	3159	3000	3120	3.38	cps
Strontium	88-1	23153	23812	24430	23798	2.68	cps
Sulfur	34-1	204214	208327	208860	207134	1.23	cps
Terbium	159-1	12188547	12187473	12185669	12187230	0.01	cps
Terbium	159-2	6272843	6268817	6166674	6236111	0.96	cps
Thallium	203-1	9721	9220	9487	9476	2.64	cps
Thallium	205-1	21251	21877	21568	21566	1.45	cps
Thorium	232-1	27129	27374	27051	27185	0.62	cps
Tin	118-1	37034	38194	37492	37573	1.56	cps
Titanium	47-1	5735	5843	5885	5821	1.33	cps
Uranium	238-1	27063	27965	27505	27511	1.64	cps
Vanadium	51-2	9223	9450	9086	9253	1.98	cps
Yttrium	89-1	26976849	27137386	27176714	27096983	0.39	cps
Yttrium	89-2	3814822	3826042	3763699	3801521	0.87	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:27:54	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1057	1170	1190	1139	6.31	cps
Zirconium	90-1	13974	14208	14383	14188	1.45	cps
Zirconium	91-1	2909	3167	3025	3034	4.27	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	142	117	128	9.96	cps
Antimony	121-1	333	467	567	456	25.70	cps
Arsenic	75-2	11	7	2	7	68.65	cps
Barium	135-1	142	108	142	131	14.74	cps
Barium	137-1	242	358	283	294	20.08	cps
Beryllium	9-1	70	103	100	91	20.15	cps
Bismuth	209-1	7959600	7750493	7585261	7765118	2.42	cps
Bismuth	209-2	4947724	4877150	4658890	4827921	3.12	cps
Boron	10-1	1467	1483	1300	1417	7.16	cps
Boron	11-1	5926	6318	6885	6377	7.56	cps
Cadmium	111-1	6050	5926	5660	5879	3.39	cps
Cadmium	106-1	8595	8428	7978	8333	3.83	cps
Cadmium	108-1	17	33	17	22	43.28	cps
Calcium	43-1	258	233	275	256	8.20	cps
Calcium	44-1	11849	11173	11665	11562	3.02	cps
Chromium	52-2	253	230	210	231	9.39	cps
Cobalt	59-2	63	70	60	64	7.90	cps
Copper	63-2	553	600	640	598	7.26	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	50	63	33	49	30.75	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	247	243	247	246	0.78	cps
Holmium	165-1	12591505	12062766	11979930	12211400	2.72	cps
Holmium	165-2	6948237	6794137	6496935	6746436	3.40	cps
Indium	115-1	10311775	9919790	9804433	10012000	2.66	cps
Indium	115-2	2139151	2100668	2016607	2085476	3.01	cps
Iron	56-2	9392	9915	9776	9694	2.79	cps
Iron	57-2	267	294	272	278	5.29	cps
Krypton	83-1	233	290	267	263	10.82	cps
Lead	206-1	772	700	678	717	6.89	cps
Lead	207-1	828	778	744	783	5.35	cps
Lead	208-1	2789	2784	2711	2761	1.57	cps
Lithium	6-1	3189114	3095915	3111457	3132162	1.59	cps
Magnesium	24-2	1133	1425	1300	1286	11.38	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	63	80	67	18.03	cps
Molybdenum	94-1	650	633	608	631	3.33	cps
Molybdenum	95-1	592	450	475	506	14.96	cps
Molybdenum	96-1	583	642	617	614	4.77	cps
Molybdenum	97-1	225	325	292	281	18.15	cps
Molybdenum	98-1	792	733	667	731	8.56	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	33	47	43	41	16.89	cps
Phosphorus	31-2	25	75	117	72	63.55	cps
Potassium	39-2	12923	12856	12331	12703	2.55	cps
Rhodium	103-1	9089300	8791986	8788644	8889977	1.94	cps
Rhodium	103-2	4287622	4203845	4057797	4183088	2.78	cps
Scandium	45-1	5933212	5766992	5735395	5811866	1.83	cps
Scandium	45-2	237329	234107	224456	231964	2.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	78	43	60	29.40	cps
Selenium	82-1	31	-6	36	20	113.20	cps
Silicon	28-1	102626	102987	102241	102618	0.36	cps
Silver	109-1	358	225	258	281	24.73	cps
Silver	107-1	325	317	333	325	2.56	cps
Sodium	23-2	9420	9262	9337	9339	0.85	cps
Strontium	86-1	442	392	400	411	6.52	cps
Strontium	88-1	550	500	458	503	9.13	cps
Sulfur	34-1	226859	229117	229237	228404	0.59	cps
Terbium	159-1	12991708	12549673	12433511	12658297	2.33	cps
Terbium	159-2	6811784	6638181	6440141	6630035	2.80	cps
Thallium	203-1	783	850	833	822	4.22	cps
Thallium	205-1	1392	1192	1750	1445	19.59	cps
Thorium	232-1	2078	2067	1961	2035	3.16	cps
Tin	118-1	858	767	783	803	6.08	cps
Titanium	47-1	150	183	133	156	16.37	cps
Uranium	238-1	2459	2250	2375	2361	4.44	cps
Vanadium	51-2	27	27	20	24	15.75	cps
Yttrium	89-1	29306767	28295679	28098020	28566822	2.27	cps
Yttrium	89-2	4190434	4114090	3972861	4092461	2.70	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:33:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	510	500	490	500	2.00	cps
Zirconium	90-1	1058	1167	1058	1095	5.71	cps
Zirconium	91-1	225	167	225	206	16.39	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283	1500	1433	1406	7.90	cps
Antimony	121-1	16419	16502	16260	16394	0.75	cps
Arsenic	75-2	298	270	263	277	6.69	cps
Barium	135-1	22536	22319	21976	22277	1.27	cps
Barium	137-1	38546	38187	37802	38179	0.97	cps
Beryllium	9-1	1823	2060	1823	1902	7.18	cps
Bismuth	209-1	7326813	7344408	7320654	7330625	0.17	cps
Bismuth	209-2	4509199	4600779	4530391	4546790	1.05	cps
Boron	10-1	7402	7469	7852	7574	3.21	cps
Boron	11-1	34332	34800	34816	34649	0.79	cps
Cadmium	111-1	8539	8192	8043	8258	3.08	cps
Cadmium	106-1	8520	8486	8303	8436	1.38	cps
Cadmium	108-1	221	213	188	207	8.38	cps
Calcium	43-1	13532	13598	13540	13557	0.27	cps
Calcium	44-1	219836	217436	217258	218177	0.66	cps
Chromium	52-2	4868	4861	4901	4876	0.44	cps
Cobalt	59-2	3857	3751	3831	3813	1.46	cps
Copper	63-2	6008	6211	6218	6146	1.94	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	23	20	7	17	52.90	cps
Erbium	164-1	8	50	50	36	66.62	cps
Erbium	164-2	47	53	67	56	18.33	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Gadolinium	160-2	177	230	253	220	17.86	cps
Holmium	165-1	11622903	11623110	11587924	11611312	0.17	cps
Holmium	165-2	6346625	6481101	6310803	6379509	1.41	cps
Indium	115-1	9546670	9480669	9418860	9482066	0.67	cps
Indium	115-2	1960763	2010618	1953604	1974995	1.57	cps
Iron	56-2	109724	110603	110787	110371	0.51	cps
Iron	57-2	2961	2823	3006	2930	3.26	cps
Krypton	83-1	247	247	237	243	2.37	cps
Lead	206-1	7725	7347	7525	7532	2.51	cps
Lead	207-1	6580	6402	6707	6563	2.34	cps
Lead	208-1	29675	29514	29819	29669	0.52	cps
Lithium	6-1	2993165	2987608	2974536	2985103	0.32	cps
Magnesium	24-2	85443	84974	83424	84614	1.25	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1557	1577	1493	1542	2.82	cps
Molybdenum	94-1	17987	18229	17587	17934	1.81	cps
Molybdenum	95-1	22418	21434	21091	21648	3.18	cps
Molybdenum	96-1	24271	25048	24630	24650	1.58	cps
Molybdenum	97-1	13924	13590	14399	13971	2.91	cps
Molybdenum	98-1	35253	34843	35679	35258	1.18	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	903	1180	1043	1042	13.27	cps
Phosphorus	31-2	408	225	333	322	28.61	cps
Potassium	39-2	94769	96362	93184	94772	1.68	cps
Rhodium	103-1	8558470	8504226	8462657	8508451	0.56	cps
Rhodium	103-2	3942265	4014183	3931340	3962596	1.14	cps
Scandium	45-1	5569621	5539871	5504504	5537999	0.59	cps
Scandium	45-2	219568	224227	215151	219649	2.07	cps
Selenium	77-2	50	23	37	37	36.37	cps
Selenium	78-2	235	194	207	212	9.80	cps
Selenium	82-1	1053	1104	962	1040	6.91	cps
Silicon	28-1	158666	157707	159854	158742	0.68	cps
Silver	109-1	12706	12181	11947	12278	3.17	cps
Silver	107-1	13157	12756	12439	12784	2.81	cps
Sodium	23-2	162006	161300	160432	161246	0.49	cps
Strontium	86-1	3342	3392	3192	3309	3.15	cps
Strontium	88-1	24872	25206	24088	24722	2.32	cps
Sulfur	34-1	230294	235591	228712	231532	1.56	cps
Terbium	159-1	12056921	12024072	11984056	12021683	0.30	cps
Terbium	159-2	6280394	6384301	6197601	6287432	1.49	cps
Thallium	203-1	9254	9104	9162	9173	0.83	cps
Thallium	205-1	21259	20458	21017	20912	1.97	cps
Thorium	232-1	27552	26544	25425	26507	4.01	cps
Tin	118-1	38044	40150	39072	39089	2.69	cps
Titanium	47-1	5443	6085	6085	5871	6.31	cps
Uranium	238-1	26486	26804	28040	27110	3.03	cps
Vanadium	51-2	9587	9330	9093	9336	2.64	cps
Yttrium	89-1	27318659	27094371	26997085	27136705	0.61	cps
Yttrium	89-2	3836769	3933873	3840899	3870513	1.42	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:37:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1287	1263	1187	1246	4.20	cps
Zirconium	90-1	14850	14199	13907	14319	3.37	cps
Zirconium	91-1	3292	3259	2967	3173	5.64	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	75	100	97	21.57	cps
Antimony	121-1	100	217	192	169	36.25	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	17	42	42	33	43.30	cps
Barium	137-1	67	33	42	47	36.74	cps
Beryllium	9-1	67	70	83	73	12.02	cps
Bismuth	209-1	7321159	7338185	7342177	7333840	0.15	cps
Bismuth	209-2	4511900	4532533	4497434	4513955	0.39	cps
Boron	10-1	1392	1342	1358	1364	1.87	cps
Boron	11-1	6935	6352	5226	6171	14.08	cps
Cadmium	111-1	5729	5861	5648	5746	1.87	cps
Cadmium	106-1	8144	8369	8103	8206	1.75	cps
Cadmium	108-1	8	21	46	25	76.39	cps
Calcium	43-1	117	133	217	156	34.44	cps
Calcium	44-1	8579	8646	8813	8679	1.39	cps
Chromium	52-2	327	307	277	303	8.30	cps
Cobalt	59-2	27	43	33	34	24.35	cps
Copper	63-2	513	587	527	542	7.20	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	20	23	7	17	52.90	cps
Erbium	164-1	100	67	92	86	20.15	cps
Erbium	164-2	43	53	60	52	16.07	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	237	227	170	211	17.03	cps
Holmium	165-1	11638435	11649724	11615148	11634436	0.15	cps
Holmium	165-2	6380784	6315500	6291424	6329236	0.73	cps
Indium	115-1	9560225	9561320	9501084	9540876	0.36	cps
Indium	115-2	1977981	1962344	1960740	1967022	0.48	cps
Iron	56-2	2706	2817	2906	2810	3.57	cps
Iron	57-2	106	200	122	143	35.35	cps
Krypton	83-1	213	223	250	229	8.28	cps
Lead	206-1	744	733	772	750	2.67	cps
Lead	207-1	661	639	689	663	3.78	cps
Lead	208-1	2445	2428	2472	2448	0.92	cps
Lithium	6-1	3013760	3035554	3024105	3024473	0.36	cps
Magnesium	24-2	150	125	142	139	9.16	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	23	20	27	33.08	cps
Molybdenum	94-1	383	350	408	381	7.69	cps
Molybdenum	95-1	150	42	142	111	54.26	cps
Molybdenum	96-1	250	275	200	242	15.80	cps
Molybdenum	97-1	67	58	58	61	7.87	cps
Molybdenum	98-1	125	242	175	181	32.42	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	20	20	33	24	31.49	cps
Phosphorus	31-2	75	58	25	53	48.24	cps
Potassium	39-2	12564	11388	11422	11791	5.68	cps
Rhodium	103-1	8448456	8562983	8508413	8506617	0.67	cps
Rhodium	103-2	3944992	3948780	3923860	3939210	0.34	cps
Scandium	45-1	5574102	5635911	5630135	5613383	0.61	cps
Scandium	45-2	219254	221403	219569	220075	0.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	59	63	57	60	4.72	cps
Selenium	82-1	56	53	7	39	71.47	cps
Silicon	28-1	111549	108887	110598	110345	1.22	cps
Silver	109-1	67	17	108	64	71.84	cps
Silver	107-1	125	192	192	169	22.71	cps
Sodium	23-2	7244	6543	6343	6710	7.05	cps
Strontium	86-1	425	392	383	400	5.51	cps
Strontium	88-1	550	367	383	433	23.40	cps
Sulfur	34-1	223417	223712	222927	223352	0.18	cps
Terbium	159-1	12164871	12190774	12137026	12164224	0.22	cps
Terbium	159-2	6295966	6275844	6209915	6260575	0.72	cps
Thallium	203-1	600	625	558	594	5.67	cps
Thallium	205-1	983	1000	1142	1042	8.35	cps
Thorium	232-1	1678	1728	1995	1800	9.46	cps
Tin	118-1	858	883	883	875	1.65	cps
Titanium	47-1	100	117	92	103	12.38	cps
Uranium	238-1	1867	2284	2025	2059	10.22	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	27284861	27538293	27448720	27423958	0.47	cps
Yttrium	89-2	3868755	3858267	3847069	3858030	0.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BL	Instrumnet Name :	P7
Client Sample ID :	PB121789BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:41:08	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	227	233	227	2.94	cps
Zirconium	90-1	1042	1075	1000	1039	3.62	cps
Zirconium	91-1	108	175	167	150	24.22	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652193	649035	647727	649652	0.35	cps
Antimony	121-1	4036880	3991490	4001339	4009903	0.60	cps
Arsenic	75-2	115702	115706	114935	115447	0.38	cps
Barium	135-1	5270546	5200261	5180144	5216983	0.91	cps
Barium	137-1	9410770	9285072	9238436	9311426	0.96	cps
Beryllium	9-1	901223	883353	872822	885800	1.62	cps
Bismuth	209-1	7129207	7267601	7154532	7183780	1.03	cps
Bismuth	209-2	4178369	4180290	4237032	4198564	0.79	cps
Boron	10-1	125047	127830	129584	127487	1.79	cps
Boron	11-1	572291	583494	582793	579526	1.08	cps
Cadmium	111-1	1153894	1148447	1138318	1146886	0.69	cps
Cadmium	106-1	131489	130531	131304	131108	0.39	cps
Cadmium	108-1	86223	84571	85825	85540	1.01	cps
Calcium	43-1	1202089	1173836	1167154	1181026	1.57	cps
Calcium	44-1	19703149	19344008	19234331	19427163	1.26	cps
Chromium	52-2	971607	967007	968956	969190	0.24	cps
Cobalt	59-2	1622774	1613740	1622876	1619796	0.32	cps
Copper	63-2	2260657	2257020	2256992	2258223	0.09	cps
Dysprosium	156-1	75	92	75	81	11.95	cps
Dysprosium	156-2	97	137	130	121	17.69	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	50	63	63	59	13.07	cps
Gadolinium	160-1	75	117	83	92	24.05	cps
Gadolinium	160-2	183	253	203	213	16.90	cps
Holmium	165-1	11578811	11779544	11583218	11647191	0.98	cps
Holmium	165-2	6081342	6016120	6096940	6064801	0.71	cps
Indium	115-1	8769225	8943385	8726545	8813051	1.30	cps
Indium	115-2	1720575	1712142	1737663	1723460	0.75	cps
Iron	56-2	43374623	43236783	43400308	43337238	0.20	cps
Iron	57-2	1084858	1088615	1083355	1085609	0.25	cps
Krypton	83-1	220	223	190	211	8.70	cps
Lead	206-1	3475875	3465153	3471978	3471002	0.16	cps
Lead	207-1	3003360	3027357	3030397	3020371	0.49	cps
Lead	208-1	13881004	13955215	13951876	13929365	0.30	cps
Lithium	6-1	2821879	2833109	2766082	2807023	1.28	cps
Magnesium	24-2	7502004	7458301	7458864	7473056	0.34	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1263749	1266206	1264441	1264798	0.10	cps
Molybdenum	94-1	8676338	8572464	8447540	8565447	1.34	cps
Molybdenum	95-1	10729293	10612331	10500459	10614028	1.08	cps
Molybdenum	96-1	11980640	11835130	11722953	11846241	1.09	cps
Molybdenum	97-1	6744337	6698932	6644671	6695980	0.75	cps
Molybdenum	98-1	17279828	17093736	16982609	17118724	0.88	cps
Neodymium	150-1	380	360	340	360	5.56	cps
Neodymium	150-2	57	20	40	39	47.21	cps
Nickel	60-2	413356	417784	419391	416844	0.75	cps
Phosphorus	31-2	35268	35076	34098	34814	1.80	cps
Potassium	39-2	3552210	3530260	3549351	3543940	0.34	cps
Rhodium	103-1	7611234	7685022	7504965	7600407	1.19	cps
Rhodium	103-2	3371771	3359722	3375046	3368846	0.24	cps
Scandium	45-1	5068291	5110475	4941476	5040081	1.75	cps
Scandium	45-2	186750	186757	188171	187226	0.44	cps
Selenium	77-2	3444	3454	3644	3514	3.21	cps
Selenium	78-2	12101	11979	11851	11977	1.04	cps
Selenium	82-1	83269	81791	81347	82136	1.23	cps
Silicon	28-1	2712822	2687021	2675234	2691692	0.71	cps
Silver	109-1	5090400	4954927	4959028	5001452	1.54	cps
Silver	107-1	5233144	5174141	5131708	5179665	0.98	cps
Sodium	23-2	14086767	14070990	14044382	14067380	0.15	cps
Strontium	86-1	1312643	1291969	1293923	1299511	0.88	cps
Strontium	88-1	11728089	11618332	11580879	11642433	0.66	cps
Sulfur	34-1	627329	609261	596253	610947	2.55	cps
Terbium	159-1	11971266	12277767	11924706	12057913	1.59	cps
Terbium	159-2	5936101	5891017	5951228	5926116	0.53	cps
Thallium	203-1	4296689	4292998	4316613	4302100	0.30	cps
Thallium	205-1	10417692	10376811	10442750	10412418	0.32	cps
Thorium	232-1	14288918	14218658	14466864	14324814	0.89	cps
Tin	118-1	3578253	3555346	3541062	3558220	0.53	cps
Titanium	47-1	2598010	2568193	2530407	2565537	1.32	cps
Uranium	238-1	13710166	13643483	13825090	13726246	0.67	cps
Vanadium	51-2	781022	776058	779474	778851	0.33	cps
Yttrium	89-1	25417840	25735270	25133119	25428743	1.18	cps
Yttrium	89-2	3397245	3353685	3411760	3387563	0.89	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	PB121789BS	Instrumnet Name :	P7
Client Sample ID :	PB121789BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:44:44	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	379782	376267	379422	378490	0.51	cps
Zirconium	90-1	7045462	6906328	6881819	6944536	1.27	cps
Zirconium	91-1	1509445	1498414	1490946	1499601	0.62	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	1000	942	933	7.63	cps
Antimony	121-1	19531	18922	18913	19122	1.85	cps
Arsenic	75-2	6099	6177	6024	6100	1.26	cps
Barium	135-1	41137	41513	41588	41413	0.58	cps
Barium	137-1	70555	70219	72272	71015	1.55	cps
Beryllium	9-1	160	140	123	141	13.01	cps
Bismuth	209-1	7385336	7337504	7348710	7357183	0.34	cps
Bismuth	209-2	4089882	4177068	4165835	4144262	1.14	cps
Boron	10-1	11130	10304	9870	10435	6.13	cps
Boron	11-1	49474	47325	45519	47440	4.17	cps
Cadmium	111-1	5981	5842	5489	5771	4.40	cps
Cadmium	106-1	7127	6727	6635	6830	3.83	cps
Cadmium	108-1	83	42	92	72	37.09	cps
Calcium	43-1	1127367	1138488	1148409	1138088	0.92	cps
Calcium	44-1	18608911	18769840	19004399	18794383	1.06	cps
Chromium	52-2	4211	4164	4131	4168	0.96	cps
Cobalt	59-2	460	510	600	523	13.56	cps
Copper	63-2	7282	7409	7702	7464	2.89	cps
Dysprosium	156-1	50	92	117	86	39.11	cps
Dysprosium	156-2	43	27	50	40	30.04	cps
Erbium	164-1	133	92	133	119	20.14	cps
Erbium	164-2	93	43	60	66	38.84	cps
Gadolinium	160-1	133	167	92	131	28.78	cps
Gadolinium	160-2	167	230	200	199	15.93	cps
Holmium	165-1	11081014	11307268	11411702	11266661	1.50	cps
Holmium	165-2	5544000	5710767	5712772	5655846	1.71	cps
Indium	115-1	8622283	8732247	8764593	8706374	0.86	cps
Indium	115-2	1635074	1678842	1678735	1664217	1.52	cps
Iron	56-2	7393622	7447491	7432124	7424412	0.37	cps
Iron	57-2	192315	192367	190352	191678	0.60	cps
Krypton	83-1	250	210	250	237	9.76	cps
Lead	206-1	5212	4879	4751	4947	4.81	cps
Lead	207-1	4634	4368	4090	4364	6.24	cps
Lead	208-1	19984	19145	18105	19078	4.93	cps
Lithium	6-1	2928189	2992643	3025560	2982131	1.66	cps
Magnesium	24-2	1282088	1297289	1290507	1289961	0.59	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	489159	490628	491349	490379	0.23	cps
Molybdenum	94-1	3492	2917	3284	3231	9.01	cps
Molybdenum	95-1	4526	4267	4418	4404	2.95	cps
Molybdenum	96-1	5084	5026	4984	5032	1.00	cps
Molybdenum	97-1	3159	2725	2892	2925	7.47	cps
Molybdenum	98-1	7202	7369	6869	7147	3.56	cps
Neodymium	150-1	87	113	107	102	13.58	cps
Neodymium	150-2	43	23	57	41	40.82	cps
Nickel	60-2	420	370	360	383	8.39	cps
Phosphorus	31-2	325	300	325	317	4.56	cps
Potassium	39-2	875637	884162	879237	879679	0.49	cps
Rhodium	103-1	7314841	7493766	7505930	7438179	1.44	cps
Rhodium	103-2	3296903	3367226	3386912	3350347	1.41	cps
Scandium	45-1	4801171	4850043	4875809	4842341	0.78	cps
Scandium	45-2	176969	181945	182137	180350	1.62	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	30	46	48	41	24.66	cps
Selenium	82-1	112	178	109	133	29.20	cps
Silicon	28-1	22769771	22767548	23014890	22850736	0.62	cps
Silver	109-1	7986	6719	5576	6760	17.83	cps
Silver	107-1	8294	7202	6077	7191	15.42	cps
Sodium	23-2	9493535	9564825	9453784	9504048	0.59	cps
Strontium	86-1	534035	533454	546141	537877	1.33	cps
Strontium	88-1	4651017	4681249	4751759	4694675	1.10	cps
Sulfur	34-1	208607	208018	219595	212074	3.07	cps
Terbium	159-1	11418246	11674034	11735133	11609138	1.45	cps
Terbium	159-2	5435013	5580095	5580749	5531952	1.52	cps
Thallium	203-1	5143	3809	3126	4026	25.49	cps
Thallium	205-1	11656	9270	6835	9254	26.05	cps
Thorium	232-1	7736	7341	7002	7360	4.99	cps
Tin	118-1	15593	17378	19531	17501	11.27	cps
Titanium	47-1	1375	1125	1467	1322	13.37	cps
Uranium	238-1	6235	6052	5643	5977	5.07	cps
Vanadium	51-2	557	637	607	600	6.74	cps
Yttrium	89-1	24311450	24714775	24763871	24596699	1.01	cps
Yttrium	89-2	3198450	3289793	3284889	3257711	1.58	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K3884-13	Instrumnet Name :	P7
Client Sample ID :	FL-0629	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:48:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10908	10834	10697	10813	0.99	cps
Zirconium	90-1	2000	2025	2142	2056	3.68	cps
Zirconium	91-1	500	458	467	475	4.64	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517	2025	1900	1814	14.60	cps
Antimony	121-1	12923	14058	14141	13707	4.96	cps
Arsenic	75-2	211	202	185	199	6.59	cps
Barium	135-1	58792	60265	60332	59796	1.46	cps
Barium	137-1	103189	102820	102494	102835	0.34	cps
Beryllium	9-1	80	110	127	106	22.41	cps
Bismuth	209-1	7404264	7500676	7399964	7434968	0.77	cps
Bismuth	209-2	4184860	4145519	4135508	4155295	0.63	cps
Boron	10-1	8019	8161	7719	7966	2.83	cps
Boron	11-1	37439	35693	36144	36425	2.49	cps
Cadmium	111-1	4935	5206	5062	5067	2.68	cps
Cadmium	106-1	6819	7285	7094	7066	3.32	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	1738536	1717274	1707690	1721167	0.92	cps
Calcium	44-1	28734584	28717574	28458483	28636880	0.54	cps
Chromium	52-2	3094	3097	3084	3091	0.22	cps
Cobalt	59-2	340	437	380	386	12.60	cps
Copper	63-2	8633	8489	8523	8548	0.88	cps
Dysprosium	156-1	75	108	133	106	27.73	cps
Dysprosium	156-2	70	80	80	77	7.53	cps
Erbium	164-1	158	108	225	164	35.71	cps
Erbium	164-2	73	63	100	79	24.03	cps
Gadolinium	160-1	167	108	125	133	22.54	cps
Gadolinium	160-2	193	240	260	231	14.80	cps
Holmium	165-1	11700804	11744632	11780171	11741869	0.34	cps
Holmium	165-2	5680626	5657843	5680228	5672899	0.23	cps
Indium	115-1	9057281	9048123	9009239	9038214	0.28	cps
Indium	115-2	1660286	1643316	1653339	1652314	0.52	cps
Iron	56-2	326928	322723	322538	324063	0.77	cps
Iron	57-2	17238	16893	16126	16753	3.40	cps
Krypton	83-1	240	247	240	242	1.59	cps
Lead	206-1	3945	3923	4006	3958	1.09	cps
Lead	207-1	3489	3350	3073	3304	6.42	cps
Lead	208-1	14887	15215	14120	14741	3.81	cps
Lithium	6-1	3020663	3026219	2998744	3015209	0.48	cps
Magnesium	24-2	1881579	1850373	1843469	1858474	1.09	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87686	88729	86640	87685	1.19	cps
Molybdenum	94-1	1575	1742	1659	1659	5.02	cps
Molybdenum	95-1	1717	1558	1809	1695	7.46	cps
Molybdenum	96-1	2017	1792	1942	1917	5.98	cps
Molybdenum	97-1	1150	1075	1158	1128	4.07	cps
Molybdenum	98-1	2517	2642	2834	2664	5.99	cps
Neodymium	150-1	140	120	140	133	8.66	cps
Neodymium	150-2	47	43	43	44	4.34	cps
Nickel	60-2	353	387	377	372	4.60	cps
Phosphorus	31-2	117	83	50	83	40.00	cps
Potassium	39-2	177391	175002	174364	175586	0.91	cps
Rhodium	103-1	7819144	7746400	7728789	7764777	0.62	cps
Rhodium	103-2	3357309	3310340	3342985	3336878	0.72	cps
Scandium	45-1	4987406	4987618	4921590	4965538	0.77	cps
Scandium	45-2	177602	176639	176983	177075	0.28	cps
Selenium	77-2	17	20	17	18	10.81	cps
Selenium	78-2	46	54	37	46	18.27	cps
Selenium	82-1	80	103	79	87	15.67	cps
Silicon	28-1	17293738	17118421	17106043	17172734	0.61	cps
Silver	109-1	2584	2650	2492	2575	3.09	cps
Silver	107-1	2492	2650	2450	2531	4.17	cps
Sodium	23-2	2966662	2937604	2909490	2937919	0.97	cps
Strontium	86-1	1451641	1440034	1435693	1442456	0.57	cps
Strontium	88-1	12889718	12966628	12923604	12926650	0.30	cps
Sulfur	34-1	403022	401485	397899	400802	0.66	cps
Terbium	159-1	12106634	12121635	12182242	12136837	0.33	cps
Terbium	159-2	5556997	5546238	5544975	5549403	0.12	cps
Thallium	203-1	700	683	808	731	9.29	cps
Thallium	205-1	1417	1508	1183	1370	12.24	cps
Thorium	232-1	3412	3367	3139	3306	4.42	cps
Tin	118-1	10338	10321	10738	10465	2.26	cps
Titanium	47-1	992	1033	1192	1072	9.84	cps
Uranium	238-1	24115	24115	24708	24313	1.41	cps
Vanadium	51-2	717	647	643	669	6.19	cps
Yttrium	89-1	25431170	25653324	25493068	25525854	0.45	cps
Yttrium	89-2	3238113	3220716	3224597	3227809	0.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:51:57	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4644	4741	4484	4623	2.80	cps
Zirconium	90-1	2025	2150	2142	2106	3.32	cps
Zirconium	91-1	467	608	408	494	20.80	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1700	1809	1775	3.67	cps
Antimony	121-1	10821	10946	10755	10841	0.90	cps
Arsenic	75-2	217	176	189	194	10.74	cps
Barium	135-1	57612	56549	58056	57406	1.35	cps
Barium	137-1	99074	100998	101796	100623	1.39	cps
Beryllium	9-1	97	73	100	90	16.15	cps
Bismuth	209-1	7228307	7340947	6768394	7112549	4.26	cps
Bismuth	209-2	4126647	4142279	4152250	4140392	0.31	cps
Boron	10-1	6243	6618	6343	6402	3.03	cps
Boron	11-1	28703	29455	29780	29313	1.88	cps
Cadmium	111-1	5064	4946	4432	4814	6.98	cps
Cadmium	106-1	7035	6877	6243	6719	6.24	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	1637288	1633580	1678534	1649801	1.51	cps
Calcium	44-1	27146044	27285933	27856671	27429550	1.37	cps
Chromium	52-2	2774	2677	2624	2691	2.83	cps
Cobalt	59-2	397	407	430	411	4.16	cps
Copper	63-2	7365	7385	7525	7425	1.17	cps
Dysprosium	156-1	125	83	150	119	28.20	cps
Dysprosium	156-2	57	53	83	64	25.52	cps
Erbium	164-1	158	133	133	142	10.19	cps
Erbium	164-2	127	107	57	97	37.30	cps
Gadolinium	160-1	150	75	175	133	39.03	cps
Gadolinium	160-2	197	233	277	236	17.00	cps
Holmium	165-1	11540175	11649789	10710871	11300278	4.54	cps
Holmium	165-2	5713582	5681117	5723294	5705998	0.39	cps
Indium	115-1	8760984	8839124	8119379	8573162	4.61	cps
Indium	115-2	1647744	1627284	1641118	1638715	0.64	cps
Iron	56-2	318895	318619	316029	317848	0.50	cps
Iron	57-2	16743	15692	16004	16146	3.34	cps
Krypton	83-1	230	197	260	229	13.84	cps
Lead	206-1	3489	3412	2989	3297	8.16	cps
Lead	207-1	2917	2928	2895	2913	0.58	cps
Lead	208-1	13192	12886	11975	12684	4.99	cps
Lithium	6-1	2804709	2818134	2634646	2752497	3.72	cps
Magnesium	24-2	1809833	1801566	1810392	1807264	0.27	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	85014	85306	84846	85055	0.27	cps
Molybdenum	94-1	1525	1425	1342	1431	6.42	cps
Molybdenum	95-1	1167	1317	1217	1233	6.19	cps
Molybdenum	96-1	1567	1525	1608	1567	2.66	cps
Molybdenum	97-1	983	958	825	922	9.23	cps
Molybdenum	98-1	2242	2459	2292	2331	4.87	cps
Neodymium	150-1	160	100	107	122	26.91	cps
Neodymium	150-2	43	50	83	59	36.40	cps
Nickel	60-2	310	353	307	323	8.05	cps
Phosphorus	31-2	117	100	167	128	27.15	cps
Potassium	39-2	170579	169271	170444	170098	0.42	cps
Rhodium	103-1	7473409	7548756	6940779	7320981	4.53	cps
Rhodium	103-2	3322864	3306697	3324178	3317913	0.29	cps
Scandium	45-1	4705543	4727964	4331027	4588178	4.86	cps
Scandium	45-2	173904	171718	173179	172934	0.64	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	48	33	41	41	18.19	cps
Selenium	82-1	98	79	68	82	18.64	cps
Silicon	28-1	16169577	16165865	16503252	16279565	1.19	cps
Silver	109-1	2017	2067	1909	1997	4.05	cps
Silver	107-1	2142	2000	2267	2136	6.25	cps
Sodium	23-2	2869937	2852151	2856753	2859614	0.32	cps
Strontium	86-1	1400382	1395960	1423404	1406582	1.05	cps
Strontium	88-1	12548541	12612963	12853612	12671705	1.27	cps
Sulfur	34-1	384244	385288	388474	386002	0.57	cps
Terbium	159-1	11710271	12049917	11017014	11592401	4.54	cps
Terbium	159-2	5569052	5525721	5589542	5561439	0.59	cps
Thallium	203-1	708	633	650	664	5.93	cps
Thallium	205-1	1158	908	925	997	14.02	cps
Thorium	232-1	2789	2845	2917	2850	2.25	cps
Tin	118-1	8236	8436	9654	8775	8.74	cps
Titanium	47-1	917	917	950	928	2.07	cps
Uranium	238-1	24199	24207	24691	24366	1.16	cps
Vanadium	51-2	680	663	793	712	9.93	cps
Yttrium	89-1	24593870	24795785	22805937	24065197	4.55	cps
Yttrium	89-2	3205791	3176127	3197035	3192984	0.48	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01DUP	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 14:55:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4224	4381	4347	4317	1.91	cps
Zirconium	90-1	1792	1825	1642	1753	5.57	cps
Zirconium	91-1	392	433	375	400	7.51	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	383	433	419	7.52	cps
Antimony	121-1	2059	2300	2000	2120	7.51	cps
Arsenic	75-2	52	33	52	46	23.41	cps
Barium	135-1	11889	12131	12348	12122	1.89	cps
Barium	137-1	21267	21476	20608	21117	2.15	cps
Beryllium	9-1	53	70	87	70	23.81	cps
Bismuth	209-1	7741000	7630686	7709204	7693630	0.74	cps
Bismuth	209-2	4345209	4335375	4384145	4354910	0.59	cps
Boron	10-1	2417	2392	2567	2459	3.85	cps
Boron	11-1	11363	11622	10696	11227	4.25	cps
Cadmium	111-1	5746	5124	5170	5347	6.48	cps
Cadmium	106-1	8186	7260	7335	7594	6.77	cps
Cadmium	108-1	25	29	21	25	16.68	cps
Calcium	43-1	351145	347273	348555	348991	0.57	cps
Calcium	44-1	5802371	5786808	5752646	5780608	0.44	cps
Chromium	52-2	780	810	883	824	6.45	cps
Cobalt	59-2	107	87	113	102	13.58	cps
Copper	63-2	3067	3000	2880	2983	3.17	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	17	33	10	20	60.08	cps
Erbium	164-1	108	75	25	69	60.40	cps
Erbium	164-2	53	47	57	52	9.75	cps
Gadolinium	160-1	42	58	83	61	34.32	cps
Gadolinium	160-2	197	270	210	226	17.32	cps
Holmium	165-1	12272001	12053197	12134625	12153274	0.91	cps
Holmium	165-2	6176204	6147734	6163743	6162560	0.23	cps
Indium	115-1	9505558	9464327	9424379	9464755	0.43	cps
Indium	115-2	1781429	1777782	1788346	1782519	0.30	cps
Iron	56-2	69654	69743	69766	69721	0.08	cps
Iron	57-2	3539	3489	3456	3495	1.20	cps
Krypton	83-1	187	237	207	210	11.98	cps
Lead	206-1	1934	1939	1750	1874	5.74	cps
Lead	207-1	1528	1561	1489	1526	2.37	cps
Lead	208-1	7062	6651	6301	6671	5.71	cps
Lithium	6-1	2789207	2777471	2783495	2783391	0.21	cps
Magnesium	24-2	387273	388562	385806	387214	0.36	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18175	18582	18345	18367	1.11	cps
Molybdenum	94-1	692	533	742	656	16.60	cps
Molybdenum	95-1	308	408	325	347	15.43	cps
Molybdenum	96-1	425	433	542	467	13.95	cps
Molybdenum	97-1	258	258	258	258	0.00	cps
Molybdenum	98-1	633	542	642	606	9.16	cps
Neodymium	150-1	40	40	7	29	66.61	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	97	107	80	94	14.27	cps
Phosphorus	31-2	75	75	50	67	21.65	cps
Potassium	39-2	46859	46917	47510	47095	0.77	cps
Rhodium	103-1	8314257	8209398	8213294	8245650	0.72	cps
Rhodium	103-2	3599863	3601426	3614868	3605386	0.23	cps
Scandium	45-1	5168197	5125901	5123055	5139051	0.49	cps
Scandium	45-2	189231	186744	187691	187888	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	37	43	43	13.04	cps
Selenium	82-1	92	13	98	68	70.49	cps
Silicon	28-1	3560834	3527319	3508263	3532139	0.75	cps
Silver	109-1	533	808	875	739	24.51	cps
Silver	107-1	925	892	900	906	1.92	cps
Sodium	23-2	630811	628819	628081	629237	0.22	cps
Strontium	86-1	293673	291598	289768	291680	0.67	cps
Strontium	88-1	2588881	2558944	2560667	2569497	0.65	cps
Sulfur	34-1	238528	238258	234806	237197	0.88	cps
Terbium	159-1	12671524	12583432	12500581	12585179	0.68	cps
Terbium	159-2	6040246	6008288	6029466	6026000	0.27	cps
Thallium	203-1	567	600	525	564	6.66	cps
Thallium	205-1	583	725	617	642	11.54	cps
Thorium	232-1	1828	2067	1978	1958	6.17	cps
Tin	118-1	1942	1800	1942	1895	4.32	cps
Titanium	47-1	317	200	275	264	22.40	cps
Uranium	238-1	6419	7302	6794	6838	6.49	cps
Vanadium	51-2	153	133	187	158	17.07	cps
Yttrium	89-1	26674084	26411007	26558136	26547742	0.50	cps
Yttrium	89-2	3434594	3431713	3474889	3447065	0.70	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01LX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 14:59:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1220	1193	1120	1178	4.40	cps
Zirconium	90-1	1083	1117	1092	1097	1.58	cps
Zirconium	91-1	142	242	167	183	28.39	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581457	576256	580002	579238	0.46	cps
Antimony	121-1	3918058	3956415	3957165	3943880	0.57	cps
Arsenic	75-2	113744	114211	112813	113589	0.63	cps
Barium	135-1	5174640	5275623	5240283	5230182	0.98	cps
Barium	137-1	9294735	9446391	9435027	9392051	0.90	cps
Beryllium	9-1	759465	765300	763934	762900	0.40	cps
Bismuth	209-1	6860222	6947954	6980595	6929590	0.90	cps
Bismuth	209-2	3951195	3949930	3945377	3948834	0.08	cps
Boron	10-1	116690	119024	123645	119786	2.96	cps
Boron	11-1	539246	548866	559165	549092	1.81	cps
Cadmium	111-1	1093727	1098312	1096221	1096087	0.21	cps
Cadmium	106-1	121987	122871	121703	122187	0.50	cps
Cadmium	108-1	79518	80234	81198	80317	1.05	cps
Calcium	43-1	2802694	2836251	2828905	2822617	0.62	cps
Calcium	44-1	46625842	47162549	46993339	46927243	0.58	cps
Chromium	52-2	904633	907788	909643	907355	0.28	cps
Cobalt	59-2	1527367	1537103	1534065	1532845	0.32	cps
Copper	63-2	2186392	2200458	2193359	2193403	0.32	cps
Dysprosium	156-1	250	100	183	178	42.28	cps
Dysprosium	156-2	180	170	113	154	23.28	cps
Erbium	164-1	108	175	183	156	26.43	cps
Erbium	164-2	80	103	70	84	20.26	cps
Gadolinium	160-1	217	142	108	156	35.67	cps
Gadolinium	160-2	243	237	237	239	1.61	cps
Holmium	165-1	11174373	11481034	11520305	11391904	1.66	cps
Holmium	165-2	5662533	5689056	5685247	5678945	0.25	cps
Indium	115-1	8186585	8375024	8374896	8312169	1.31	cps
Indium	115-2	1569541	1573372	1568004	1570306	0.18	cps
Iron	56-2	41004948	40837625	40758272	40866948	0.31	cps
Iron	57-2	1021606	1020215	1023754	1021858	0.17	cps
Krypton	83-1	230	340	283	284	19.34	cps
Lead	206-1	3432245	3492980	3500996	3475407	1.08	cps
Lead	207-1	3048424	3102225	3122345	3090998	1.24	cps
Lead	208-1	13921489	14099502	14207088	14076026	1.02	cps
Lithium	6-1	2611392	2668614	2652239	2644082	1.11	cps
Magnesium	24-2	8360139	8347121	8309676	8338979	0.31	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1272511	1270648	1269592	1270917	0.12	cps
Molybdenum	94-1	7883156	7964124	7995188	7947490	0.73	cps
Molybdenum	95-1	9799278	9898817	9974936	9891011	0.89	cps
Molybdenum	96-1	10915474	11086761	11073978	11025405	0.87	cps
Molybdenum	97-1	6163187	6249398	6247912	6220166	0.79	cps
Molybdenum	98-1	15819122	16117440	16075007	16003856	1.01	cps
Neodymium	150-1	540	453	407	467	14.50	cps
Neodymium	150-2	70	100	67	79	23.27	cps
Nickel	60-2	400917	400262	399155	400111	0.22	cps
Phosphorus	31-2	92	100	92	94	5.09	cps
Potassium	39-2	3394437	3394617	3397722	3395592	0.05	cps
Rhodium	103-1	7011479	7248001	7178478	7145986	1.70	cps
Rhodium	103-2	3204099	3212371	3206054	3207508	0.13	cps
Scandium	45-1	4330958	4615177	4584692	4510276	3.46	cps
Scandium	45-2	171023	172160	169716	170966	0.72	cps
Selenium	77-2	3087	3414	3210	3237	5.10	cps
Selenium	78-2	10906	11119	10591	10872	2.44	cps
Selenium	82-1	77250	79520	79158	78642	1.55	cps
Silicon	28-1	18233377	18739377	18942754	18638503	1.96	cps
Silver	109-1	4572323	4593196	4608019	4591179	0.39	cps
Silver	107-1	4757582	4766289	4773884	4765918	0.17	cps
Sodium	23-2	15545929	15538430	15451830	15512063	0.34	cps
Strontium	86-1	2498436	2522359	2536115	2518970	0.76	cps
Strontium	88-1	22462023	22620682	22799448	22627385	0.75	cps
Sulfur	34-1	343684	341099	335011	339932	1.31	cps
Terbium	159-1	11540054	11804824	11795208	11713362	1.28	cps
Terbium	159-2	5518786	5545667	5544907	5536453	0.28	cps
Thallium	203-1	4212319	4265085	4277980	4251795	0.82	cps
Thallium	205-1	10316475	10458341	10504913	10426576	0.94	cps
Thorium	232-1	3951	3762	3778	3830	2.73	cps
Tin	118-1	3438371	3489658	3463931	3463987	0.74	cps
Titanium	47-1	2372103	2399918	2388816	2386946	0.59	cps
Uranium	238-1	13600494	13749924	13725419	13691945	0.59	cps
Vanadium	51-2	722757	726373	721597	723576	0.34	cps
Yttrium	89-1	23556213	24107565	24259194	23974324	1.54	cps
Yttrium	89-2	3148490	3159389	3150537	3152805	0.18	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MS	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:02:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	344547	343509	342415	343490	0.31	cps
Zirconium	90-1	6351702	6433029	6405192	6396641	0.65	cps
Zirconium	91-1	1366481	1385648	1391044	1381058	0.93	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581196	580208	582896	581433	0.23	cps
Antimony	121-1	4020902	4105972	4049635	4058836	1.07	cps
Arsenic	75-2	115075	115767	116721	115854	0.71	cps
Barium	135-1	5309775	5619096	5358427	5429099	3.06	cps
Barium	137-1	9546430	9665408	9655270	9622369	0.69	cps
Beryllium	9-1	760228	771726	765981	765978	0.75	cps
Bismuth	209-1	6914013	7081224	7026412	7007216	1.22	cps
Bismuth	209-2	3968828	4000643	3999430	3989634	0.45	cps
Boron	10-1	117966	125845	122577	122129	3.24	cps
Boron	11-1	551708	571489	568786	563994	1.90	cps
Cadmium	111-1	1126191	1137172	1121855	1128406	0.70	cps
Cadmium	106-1	124316	126151	126301	125589	0.88	cps
Cadmium	108-1	81156	82711	81947	81938	0.95	cps
Calcium	43-1	2915670	2965273	2932481	2937808	0.86	cps
Calcium	44-1	48352039	49270464	48767688	48796730	0.94	cps
Chromium	52-2	914997	926072	927390	922819	0.74	cps
Cobalt	59-2	1550841	1564696	1558964	1558167	0.45	cps
Copper	63-2	2218233	2239942	2248066	2235414	0.69	cps
Dysprosium	156-1	192	142	133	156	20.28	cps
Dysprosium	156-2	150	123	137	137	9.75	cps
Erbium	164-1	167	175	158	167	5.00	cps
Erbium	164-2	83	60	87	77	18.95	cps
Gadolinium	160-1	158	133	142	144	8.81	cps
Gadolinium	160-2	257	243	177	226	19.00	cps
Holmium	165-1	11450653	11818685	11718502	11662613	1.63	cps
Holmium	165-2	5725140	5927434	5927468	5860014	1.99	cps
Indium	115-1	8400914	8653936	8598624	8551158	1.56	cps
Indium	115-2	1593766	1610151	1615628	1606515	0.71	cps
Iron	56-2	41254159	41446002	41609240	41436467	0.43	cps
Iron	57-2	1027899	1043338	1040993	1037410	0.80	cps
Krypton	83-1	263	273	253	263	3.80	cps
Lead	206-1	3486271	3512720	3508874	3502621	0.41	cps
Lead	207-1	3121772	3162417	3133604	3139264	0.67	cps
Lead	208-1	14171639	14377501	14305584	14284908	0.73	cps
Lithium	6-1	2562424	2636882	2614626	2604644	1.47	cps
Magnesium	24-2	8452370	8463267	8504357	8473331	0.32	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1282073	1285257	1290494	1285942	0.33	cps
Molybdenum	94-1	8105349	8210009	8182741	8166033	0.66	cps
Molybdenum	95-1	10013131	10234056	10189228	10145471	1.15	cps
Molybdenum	96-1	11174026	11392283	11354864	11307057	1.03	cps
Molybdenum	97-1	6305718	6432591	6391233	6376514	1.01	cps
Molybdenum	98-1	16129582	16414145	16469046	16337591	1.12	cps
Neodymium	150-1	500	587	467	518	11.96	cps
Neodymium	150-2	107	73	67	82	26.07	cps
Nickel	60-2	405872	405959	407033	406288	0.16	cps
Phosphorus	31-2	83	117	100	100	16.66	cps
Potassium	39-2	3438964	3449795	3455141	3447967	0.24	cps
Rhodium	103-1	7221160	7383323	7406186	7336890	1.37	cps
Rhodium	103-2	3227943	3285441	3310717	3274700	1.30	cps
Scandium	45-1	4607962	4721378	4722098	4683813	1.40	cps
Scandium	45-2	174211	174021	175523	174585	0.47	cps
Selenium	77-2	3300	3214	3434	3316	3.34	cps
Selenium	78-2	11078	11117	11227	11141	0.69	cps
Selenium	82-1	79791	81390	80955	80712	1.02	cps
Silicon	28-1	18730384	19468229	19502591	19233735	2.27	cps
Silver	109-1	4666400	4734277	4695751	4698809	0.72	cps
Silver	107-1	4842242	4915288	4901556	4886362	0.79	cps
Sodium	23-2	15612997	15609172	15660530	15627566	0.18	cps
Strontium	86-1	2563067	2585805	2573643	2574172	0.44	cps
Strontium	88-1	22976789	23344151	23193742	23171560	0.80	cps
Sulfur	34-1	343079	345141	341706	343309	0.50	cps
Terbium	159-1	11744806	12118761	12131401	11998323	1.83	cps
Terbium	159-2	5582611	5652725	5655082	5630139	0.73	cps
Thallium	203-1	4284524	4326687	4318969	4310060	0.52	cps
Thallium	205-1	10398860	10610043	10581217	10530040	1.09	cps
Thorium	232-1	2973	3050	2689	2904	6.55	cps
Tin	118-1	3522540	3587918	3552229	3554229	0.92	cps
Titanium	47-1	2418975	2457684	2448502	2441720	0.83	cps
Uranium	238-1	13727060	13862808	13923517	13837795	0.73	cps
Vanadium	51-2	732240	737847	738394	736160	0.46	cps
Yttrium	89-1	24191617	24968404	24828825	24662949	1.68	cps
Yttrium	89-2	3187425	3238871	3245545	3223947	0.99	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01MSD	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:06:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	346644	348862	351485	348997	0.69	cps
Zirconium	90-1	6506462	6625531	6587486	6573160	0.93	cps
Zirconium	91-1	1409813	1433282	1422012	1421702	0.83	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	579614	572491	587193	579766	1.27	cps
Antimony	121-1	4086722	4108029	4142713	4112488	0.69	cps
Arsenic	75-2	116471	115015	116163	115883	0.66	cps
Barium	135-1	5619059	5656207	5709189	5661485	0.80	cps
Barium	137-1	9711459	9792062	9851731	9785084	0.72	cps
Beryllium	9-1	765024	770390	771696	769037	0.46	cps
Bismuth	209-1	7006948	7054645	7127695	7063096	0.86	cps
Bismuth	209-2	3956887	3990809	3983398	3977031	0.45	cps
Boron	10-1	120401	124854	125452	123569	2.23	cps
Boron	11-1	555417	573671	588838	572642	2.92	cps
Cadmium	111-1	1145636	1147429	1152542	1148535	0.31	cps
Cadmium	106-1	128057	129108	127941	128369	0.50	cps
Cadmium	108-1	82916	83419	85879	84071	1.89	cps
Calcium	43-1	2914797	2931954	2939972	2928908	0.44	cps
Calcium	44-1	48151291	48666940	49093240	48637157	0.97	cps
Chromium	52-2	923376	916091	918795	919421	0.40	cps
Cobalt	59-2	1563139	1553841	1559545	1558842	0.30	cps
Copper	63-2	2234223	2227489	2235896	2232536	0.20	cps
Dysprosium	156-1	133	217	242	197	28.76	cps
Dysprosium	156-2	197	153	213	188	16.49	cps
Erbium	164-1	175	92	100	122	37.55	cps
Erbium	164-2	90	63	117	90	29.63	cps
Gadolinium	160-1	133	217	158	169	25.24	cps
Gadolinium	160-2	277	233	207	239	14.79	cps
Holmium	165-1	11616798	11783235	12093341	11831124	2.04	cps
Holmium	165-2	5947690	5751836	5766426	5821984	1.87	cps
Indium	115-1	8559812	8634581	8766688	8653694	1.21	cps
Indium	115-2	1595558	1588425	1603977	1595987	0.49	cps
Iron	56-2	41712251	41407215	41652465	41590644	0.39	cps
Iron	57-2	1042594	1037012	1045788	1041798	0.43	cps
Krypton	83-1	260	313	230	268	15.76	cps
Lead	206-1	3542983	3556032	3600119	3566378	0.84	cps
Lead	207-1	3169034	3175559	3186529	3177041	0.28	cps
Lead	208-1	14374760	14479292	14586282	14480111	0.73	cps
Lithium	6-1	2524977	2552249	2581545	2552924	1.11	cps
Magnesium	24-2	8402975	8337015	8359916	8366635	0.40	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1294478	1284484	1293835	1290932	0.43	cps
Molybdenum	94-1	8224005	8290656	8361039	8291900	0.83	cps
Molybdenum	95-1	10232279	10343434	10407370	10327694	0.86	cps
Molybdenum	96-1	11465934	11557163	11627121	11550072	0.70	cps
Molybdenum	97-1	6434635	6517064	6552561	6501420	0.93	cps
Molybdenum	98-1	16588337	16685752	16824995	16699695	0.71	cps
Neodymium	150-1	460	460	560	493	11.70	cps
Neodymium	150-2	67	97	80	81	18.53	cps
Nickel	60-2	409924	406462	405573	407320	0.56	cps
Phosphorus	31-2	117	92	92	100	14.43	cps
Potassium	39-2	3434263	3402206	3427628	3421366	0.49	cps
Rhodium	103-1	7353866	7428640	7549672	7444059	1.33	cps
Rhodium	103-2	3266059	3257881	3260077	3261339	0.13	cps
Scandium	45-1	4625523	4726922	4774478	4708974	1.62	cps
Scandium	45-2	174025	171671	172960	172885	0.68	cps
Selenium	77-2	3404	3330	3284	3339	1.81	cps
Selenium	78-2	11449	10934	11058	11147	2.41	cps
Selenium	82-1	81763	81655	82224	81881	0.37	cps
Silicon	28-1	18761806	19544907	19941518	19416077	3.09	cps
Silver	109-1	4733968	4764354	4828077	4775466	1.01	cps
Silver	107-1	4936855	4922526	5012136	4957172	0.97	cps
Sodium	23-2	15572809	15424747	15486814	15494790	0.48	cps
Strontium	86-1	2598041	2590265	2647923	2612076	1.20	cps
Strontium	88-1	23374567	23544739	23861878	23593728	1.05	cps
Sulfur	34-1	344902	346966	344277	345382	0.41	cps
Terbium	159-1	11918685	12121021	12336044	12125250	1.72	cps
Terbium	159-2	5595980	5605366	5658364	5619903	0.60	cps
Thallium	203-1	4339549	4333022	4419313	4363961	1.10	cps
Thallium	205-1	10547547	10632422	10866001	10681990	1.54	cps
Thorium	232-1	3006	2917	3045	2989	2.19	cps
Tin	118-1	3580712	3569705	3646979	3599132	1.16	cps
Titanium	47-1	2458841	2466814	2488227	2471294	0.61	cps
Uranium	238-1	13935456	14091337	14244596	14090463	1.10	cps
Vanadium	51-2	736542	730098	731356	732665	0.47	cps
Yttrium	89-1	24624715	24886507	25364100	24958441	1.50	cps
Yttrium	89-2	3210532	3174560	3222641	3202578	0.78	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-01A	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0106A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:10:01	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	351741	349824	353906	351824	0.58	cps
Zirconium	90-1	6635464	6683598	6751356	6690139	0.87	cps
Zirconium	91-1	1432521	1441215	1446497	1440078	0.49	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3163577	3143343	3171179	3159366	0.46	cps
Antimony	121-1	3936345	3915617	3874588	3908850	0.80	cps
Arsenic	75-2	121414	119617	119592	120207	0.87	cps
Barium	135-1	5425458	5582396	5290356	5432737	2.69	cps
Barium	137-1	9725355	9724548	9513340	9654414	1.27	cps
Beryllium	9-1	822322	823276	813534	819711	0.66	cps
Bismuth	209-1	7329440	7315347	7288840	7311209	0.28	cps
Bismuth	209-2	4167772	4145378	4161960	4158370	0.28	cps
Boron	10-1	121325	121343	124727	122465	1.60	cps
Boron	11-1	544153	553403	560270	552608	1.46	cps
Cadmium	111-1	1271496	1265177	1240338	1259003	1.31	cps
Cadmium	106-1	139741	141331	137923	139665	1.22	cps
Cadmium	108-1	93112	92914	91232	92419	1.12	cps
Calcium	43-1	5782666	5770303	5708280	5753750	0.69	cps
Calcium	44-1	93100965	93163590	91866873	92710476	0.79	cps
Chromium	52-2	951238	944274	940614	945375	0.57	cps
Cobalt	59-2	1555600	1538285	1534943	1542943	0.72	cps
Copper	63-2	2386462	2379746	2368876	2378361	0.37	cps
Dysprosium	156-1	92	83	133	103	26.06	cps
Dysprosium	156-2	143	120	113	126	12.55	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	57	70	47	58	20.26	cps
Gadolinium	160-1	183	67	92	114	53.93	cps
Gadolinium	160-2	280	247	210	246	14.26	cps
Holmium	165-1	12697595	12728983	12528910	12651829	0.85	cps
Holmium	165-2	6588539	6508372	6455603	6517505	1.03	cps
Indium	115-1	8910940	8974588	8905640	8930389	0.43	cps
Indium	115-2	1748831	1731216	1730698	1736915	0.59	cps
Iron	56-2	205062266	203444677	203262405	203923116	0.49	cps
Iron	57-2	5167917	5109934	5102619	5126823	0.70	cps
Krypton	83-1	170	243	233	216	18.45	cps
Lead	206-1	3632389	3549822	3545208	3575806	1.37	cps
Lead	207-1	3119313	3119944	3060548	3099935	1.10	cps
Lead	208-1	14565557	14410702	14235592	14403950	1.15	cps
Lithium	6-1	2634191	2652241	2624955	2637129	0.53	cps
Magnesium	24-2	34826974	34419168	34403452	34549865	0.69	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1216855	1204094	1207613	1209520	0.54	cps
Molybdenum	94-1	8775191	8749265	8667805	8730754	0.64	cps
Molybdenum	95-1	10853482	10841798	10729196	10808159	0.64	cps
Molybdenum	96-1	12112565	12122066	12033188	12089273	0.40	cps
Molybdenum	97-1	6855118	6835767	6815624	6835503	0.29	cps
Molybdenum	98-1	17604601	17654681	17384162	17547815	0.82	cps
Neodymium	150-1	580	467	527	524	10.81	cps
Neodymium	150-2	70	67	60	66	7.77	cps
Nickel	60-2	394301	393892	391161	393118	0.43	cps
Phosphorus	31-2	33054	32403	32236	32564	1.33	cps
Potassium	39-2	17447367	17150963	17196970	17265100	0.92	cps
Rhodium	103-1	7379459	7469575	7333310	7394115	0.94	cps
Rhodium	103-2	3343020	3327032	3320101	3330051	0.35	cps
Scandium	45-1	4974463	5040929	4947653	4987682	0.96	cps
Scandium	45-2	191963	191267	189515	190915	0.66	cps
Selenium	77-2	3697	3701	3504	3634	3.10	cps
Selenium	78-2	12142	11988	11783	11971	1.51	cps
Selenium	82-1	83656	82958	82754	83123	0.57	cps
Silicon	28-1	2514518	2523271	2513222	2517004	0.22	cps
Silver	109-1	5315327	5238230	5222447	5258668	0.95	cps
Silver	107-1	5750421	5751399	5699714	5733845	0.52	cps
Sodium	23-2	66326114	65643962	65846956	65939011	0.53	cps
Strontium	86-1	1326968	1309793	1297871	1311544	1.12	cps
Strontium	88-1	11895252	11826494	11695899	11805882	0.86	cps
Sulfur	34-1	565757	566852	563821	565477	0.27	cps
Terbium	159-1	12927785	12903589	12799691	12877021	0.53	cps
Terbium	159-2	6363771	6302618	6289238	6318542	0.63	cps
Thallium	203-1	4507428	4421006	4435675	4454703	1.04	cps
Thallium	205-1	11109022	10918651	10917569	10981747	1.00	cps
Thorium	232-1	15817813	15665557	15544339	15675903	0.87	cps
Tin	118-1	3603611	3586677	3569519	3586603	0.48	cps
Titanium	47-1	2503027	2488338	2475362	2488909	0.56	cps
Uranium	238-1	15223431	15086675	14805674	15038593	1.42	cps
Vanadium	51-2	761668	757223	756106	758333	0.39	cps
Yttrium	89-1	25806596	25979239	25685854	25823896	0.57	cps
Yttrium	89-2	3508233	3491716	3478632	3492860	0.42	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:16:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	421520	419322	419741	420194	0.28	cps
Zirconium	90-1	7108473	7101022	7015025	7074840	0.73	cps
Zirconium	91-1	1534615	1529214	1512734	1525521	0.75	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	58	83	36.05	cps
Antimony	121-1	383	425	425	411	5.85	cps
Arsenic	75-2	6	13	6	8	53.23	cps
Barium	135-1	67	25	33	42	52.92	cps
Barium	137-1	67	50	83	67	25.00	cps
Beryllium	9-1	120	97	97	104	12.90	cps
Bismuth	209-1	7351088	7310032	7353567	7338229	0.33	cps
Bismuth	209-2	4338795	4346559	4374693	4353349	0.43	cps
Boron	10-1	2175	2275	2084	2178	4.40	cps
Boron	11-1	9795	10321	10512	10209	3.64	cps
Cadmium	111-1	5104	5458	5638	5400	5.03	cps
Cadmium	106-1	7277	7702	8003	7661	4.76	cps
Cadmium	108-1	21	42	25	29	37.81	cps
Calcium	43-1	158	183	167	169	7.51	cps
Calcium	44-1	9296	9413	9639	9449	1.84	cps
Chromium	52-2	380	290	293	321	15.89	cps
Cobalt	59-2	30	27	20	26	19.92	cps
Copper	63-2	810	860	750	807	6.83	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	30	7	30	22	60.61	cps
Erbium	164-1	83	75	42	67	33.07	cps
Erbium	164-2	50	70	37	52	32.12	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	250	213	200	221	11.71	cps
Holmium	165-1	11786872	11798036	11805899	11796936	0.08	cps
Holmium	165-2	6269783	6273368	6290150	6277767	0.17	cps
Indium	115-1	9511302	9451815	9543389	9502169	0.49	cps
Indium	115-2	1879095	1863455	1887458	1876669	0.65	cps
Iron	56-2	3162	3228	3000	3130	3.74	cps
Iron	57-2	183	150	128	154	18.19	cps
Krypton	83-1	230	197	210	212	7.91	cps
Lead	206-1	1195	1106	1061	1120	6.06	cps
Lead	207-1	1017	917	995	976	5.38	cps
Lead	208-1	4039	3800	3761	3867	3.89	cps
Lithium	6-1	2812852	2820079	2805526	2812819	0.26	cps
Magnesium	24-2	142	92	158	131	26.57	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	27	47	37	27.27	cps
Molybdenum	94-1	617	458	475	517	16.84	cps
Molybdenum	95-1	275	192	183	217	23.40	cps
Molybdenum	96-1	333	292	383	336	13.66	cps
Molybdenum	97-1	233	292	192	239	21.03	cps
Molybdenum	98-1	492	383	342	406	19.09	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	27	27	20	24	15.75	cps
Phosphorus	31-2	100	50	25	58	65.47	cps
Potassium	39-2	11955	11371	11855	11727	2.66	cps
Rhodium	103-1	8359109	8413240	8350404	8374251	0.41	cps
Rhodium	103-2	3794356	3758111	3808050	3786839	0.68	cps
Scandium	45-1	5351481	5332813	5340110	5341468	0.18	cps
Scandium	45-2	203977	201733	203064	202925	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	39	48	52	29.23	cps
Selenium	82-1	22	93	63	59	60.51	cps
Silicon	28-1	103918	104656	103894	104156	0.42	cps
Silver	109-1	217	267	200	228	15.23	cps
Silver	107-1	292	358	392	347	14.67	cps
Sodium	23-2	8953	9262	8895	9036	2.18	cps
Strontium	86-1	350	458	350	386	16.20	cps
Strontium	88-1	458	475	442	458	3.64	cps
Sulfur	34-1	211025	211844	212003	211624	0.25	cps
Terbium	159-1	12188113	12233443	12210868	12210808	0.19	cps
Terbium	159-2	6145782	6160741	6178098	6161541	0.26	cps
Thallium	203-1	483	525	550	519	6.48	cps
Thallium	205-1	867	650	850	789	15.28	cps
Thorium	232-1	1867	1728	1878	1824	4.58	cps
Tin	118-1	942	1075	1175	1064	11.00	cps
Titanium	47-1	83	125	117	108	20.35	cps
Uranium	238-1	1825	2150	1900	1959	8.69	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	26774718	26801420	26779530	26785223	0.05	cps
Yttrium	89-2	3670852	3664803	3677288	3670981	0.17	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:34:18	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223	267	243	244	8.87	cps
Zirconium	90-1	975	967	1175	1039	11.35	cps
Zirconium	91-1	267	175	175	206	25.75	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2434	2592	2825	2617	7.53	cps
Antimony	121-1	9329	9454	9962	9581	3.50	cps
Arsenic	75-2	211	241	254	235	9.29	cps
Barium	135-1	51772	53060	53562	52798	1.75	cps
Barium	137-1	92542	93094	93673	93103	0.61	cps
Beryllium	9-1	107	87	53	82	32.77	cps
Bismuth	209-1	7148477	7354930	7323473	7275627	1.53	cps
Bismuth	209-2	4088481	4109736	4128506	4108908	0.49	cps
Boron	10-1	5018	5143	5059	5073	1.26	cps
Boron	11-1	22793	23452	23002	23082	1.46	cps
Cadmium	111-1	4879	4594	4858	4777	3.32	cps
Cadmium	106-1	6560	6093	6402	6352	3.74	cps
Cadmium	108-1	25	42	21	29	37.81	cps
Calcium	43-1	1603095	1604293	1577397	1594928	0.95	cps
Calcium	44-1	26613280	26579022	26357462	26516588	0.52	cps
Chromium	52-2	3074	3034	2894	3000	3.15	cps
Cobalt	59-2	523	463	547	511	8.41	cps
Copper	63-2	8636	8633	8246	8505	2.64	cps
Dysprosium	156-1	142	142	183	156	15.47	cps
Dysprosium	156-2	70	50	83	68	24.76	cps
Erbium	164-1	142	258	125	175	41.51	cps
Erbium	164-2	77	93	100	90	13.35	cps
Gadolinium	160-1	167	167	125	153	15.74	cps
Gadolinium	160-2	243	250	253	249	2.05	cps
Holmium	165-1	11425785	11675820	11765849	11622485	1.52	cps
Holmium	165-2	5963612	5896738	5930699	5930350	0.56	cps
Indium	115-1	8680710	8900943	8843426	8808360	1.30	cps
Indium	115-2	1641126	1646809	1651757	1646564	0.32	cps
Iron	56-2	551363	550899	548391	550218	0.29	cps
Iron	57-2	22017	21494	22050	21854	1.43	cps
Krypton	83-1	273	247	220	247	10.81	cps
Lead	206-1	4545	4040	4423	4336	6.09	cps
Lead	207-1	3389	3473	3740	3534	5.18	cps
Lead	208-1	16354	15437	16060	15950	2.94	cps
Lithium	6-1	2782047	2821242	2791274	2798188	0.73	cps
Magnesium	24-2	1704856	1682659	1696063	1694526	0.66	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160858	160012	160871	160580	0.31	cps
Molybdenum	94-1	1859	2159	1692	1903	12.43	cps
Molybdenum	95-1	1350	1450	1225	1342	8.40	cps
Molybdenum	96-1	1842	2034	1725	1867	8.34	cps
Molybdenum	97-1	992	1125	750	956	19.89	cps
Molybdenum	98-1	2450	2475	2284	2403	4.34	cps
Neodymium	150-1	207	133	193	178	21.97	cps
Neodymium	150-2	50	50	67	56	17.32	cps
Nickel	60-2	420	373	387	393	6.11	cps
Phosphorus	31-2	142	175	133	150	14.70	cps
Potassium	39-2	201711	200739	201872	201441	0.30	cps
Rhodium	103-1	7458474	7603644	7561654	7541257	0.99	cps
Rhodium	103-2	3317838	3336165	3372669	3342224	0.84	cps
Scandium	45-1	4770680	4807305	4737080	4771688	0.74	cps
Scandium	45-2	176989	173333	174380	174901	1.08	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	24	39	39	34	25.20	cps
Selenium	82-1	23	84	91	66	56.76	cps
Silicon	28-1	15373634	15248984	15089819	15237479	0.93	cps
Silver	109-1	4092	3267	2825	3395	18.94	cps
Silver	107-1	4017	3751	3100	3623	13.02	cps
Sodium	23-2	2974595	2941001	2947877	2954491	0.60	cps
Strontium	86-1	1315632	1320343	1327408	1321128	0.45	cps
Strontium	88-1	11877251	11979509	11904507	11920422	0.44	cps
Sulfur	34-1	355661	345278	343588	348176	1.88	cps
Terbium	159-1	11728074	12063879	12049751	11947235	1.59	cps
Terbium	159-2	5621205	5571221	5628077	5606835	0.55	cps
Thallium	203-1	1717	1625	1225	1522	17.18	cps
Thallium	205-1	3476	3017	2792	3095	11.25	cps
Thorium	232-1	2295	2434	2350	2360	2.96	cps
Tin	118-1	15601	15392	15242	15412	1.17	cps
Titanium	47-1	992	1000	967	986	1.76	cps
Uranium	238-1	22345	22629	22103	22359	1.18	cps
Vanadium	51-2	667	763	687	706	7.23	cps
Yttrium	89-1	24408844	24919779	24909294	24745972	1.18	cps
Yttrium	89-2	3205060	3193027	3227160	3208416	0.54	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0105	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:40:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3911	3831	3881	3874	1.04	cps
Zirconium	90-1	2284	2567	2450	2434	5.85	cps
Zirconium	91-1	533	433	550	506	12.48	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	1008	1092	1053	3.98	cps
Antimony	121-1	7127	7436	7844	7469	4.82	cps
Arsenic	75-2	141	170	170	160	10.66	cps
Barium	135-1	56423	56056	58624	57034	2.44	cps
Barium	137-1	98313	97776	99312	98467	0.79	cps
Beryllium	9-1	93	97	80	90	9.80	cps
Bismuth	209-1	7277244	7363073	7437997	7359438	1.09	cps
Bismuth	209-2	4080481	4118935	4092432	4097283	0.48	cps
Boron	10-1	4984	5009	4834	4943	1.92	cps
Boron	11-1	23335	23310	23544	23397	0.55	cps
Cadmium	111-1	4551	4728	4885	4721	3.54	cps
Cadmium	106-1	6310	6519	6785	6538	3.64	cps
Cadmium	108-1	17	21	21	19	12.35	cps
Calcium	43-1	1601701	1620004	1630622	1617442	0.90	cps
Calcium	44-1	26746513	27025989	27278416	27016973	0.98	cps
Chromium	52-2	2454	2474	2554	2494	2.12	cps
Cobalt	59-2	440	430	407	426	4.02	cps
Copper	63-2	6972	7112	6872	6985	1.73	cps
Dysprosium	156-1	67	92	67	75	19.24	cps
Dysprosium	156-2	87	43	33	54	52.08	cps
Erbium	164-1	117	100	83	100	16.66	cps
Erbium	164-2	133	77	77	96	34.24	cps
Gadolinium	160-1	100	158	158	139	24.25	cps
Gadolinium	160-2	200	210	243	218	10.42	cps
Holmium	165-1	11766030	12060603	12093337	11973323	1.51	cps
Holmium	165-2	5961735	6023345	5947229	5977436	0.68	cps
Indium	115-1	8882178	8938631	9048004	8956271	0.94	cps
Indium	115-2	1636912	1651653	1642990	1643851	0.45	cps
Iron	56-2	280731	280006	278351	279696	0.44	cps
Iron	57-2	15058	15292	15203	15184	0.78	cps
Krypton	83-1	210	237	213	220	6.60	cps
Lead	206-1	2578	2939	3006	2841	8.10	cps
Lead	207-1	2445	2717	2295	2485	8.61	cps
Lead	208-1	10280	10607	9924	10270	3.33	cps
Lithium	6-1	2659646	2668544	2688057	2672082	0.54	cps
Magnesium	24-2	1752955	1762135	1731295	1748795	0.91	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79312	81484	78753	79850	1.81	cps
Molybdenum	94-1	1425	1483	1400	1436	2.98	cps
Molybdenum	95-1	1483	1375	1267	1375	7.88	cps
Molybdenum	96-1	1850	1550	1508	1636	11.39	cps
Molybdenum	97-1	783	817	933	845	9.33	cps
Molybdenum	98-1	1892	2217	2342	2150	10.80	cps
Neodymium	150-1	120	113	127	120	5.55	cps
Neodymium	150-2	30	50	43	41	24.77	cps
Nickel	60-2	350	320	260	310	14.78	cps
Phosphorus	31-2	50	67	108	75	40.06	cps
Potassium	39-2	168656	170907	168402	169322	0.81	cps
Rhodium	103-1	7577932	7609097	7705835	7630955	0.87	cps
Rhodium	103-2	3328139	3360555	3324573	3337756	0.59	cps
Scandium	45-1	4719890	4734131	4758523	4737515	0.41	cps
Scandium	45-2	170599	172780	171530	171637	0.64	cps
Selenium	77-2	7	27	7	13	86.58	cps
Selenium	78-2	44	35	43	41	12.02	cps
Selenium	82-1	106	62	67	78	30.77	cps
Silicon	28-1	15519397	15723674	15752042	15665038	0.81	cps
Silver	109-1	1592	1842	1717	1717	7.28	cps
Silver	107-1	2000	1800	1875	1892	5.34	cps
Sodium	23-2	2728248	2778410	2732911	2746523	1.01	cps
Strontium	86-1	1351620	1377116	1398981	1375906	1.72	cps
Strontium	88-1	12259934	12575640	12658272	12497949	1.68	cps
Sulfur	34-1	363745	368100	365009	365618	0.61	cps
Terbium	159-1	12184723	12337861	12381562	12301382	0.84	cps
Terbium	159-2	5618370	5840350	5629771	5696164	2.19	cps
Thallium	203-1	458	608	400	489	21.99	cps
Thallium	205-1	950	733	1025	903	16.78	cps
Thorium	232-1	2095	2022	2089	2069	1.94	cps
Tin	118-1	11405	11614	11297	11438	1.41	cps
Titanium	47-1	692	833	633	719	14.30	cps
Uranium	238-1	24015	24082	24917	24338	2.06	cps
Vanadium	51-2	713	857	717	762	10.73	cps
Yttrium	89-1	24777605	25044205	25305205	25042338	1.05	cps
Yttrium	89-2	3191141	3224880	3181326	3199116	0.71	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0107	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:44:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3847	4357	3964	4056	6.59	cps
Zirconium	90-1	1800	1942	2418	2053	15.75	cps
Zirconium	91-1	400	525	500	475	13.93	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3367	3934	3534	3612	8.07	cps
Antimony	121-1	6835	7544	7594	7324	5.79	cps
Arsenic	75-2	385	426	450	420	7.79	cps
Barium	135-1	29365	29524	30718	29869	2.48	cps
Barium	137-1	51580	52777	52710	52355	1.28	cps
Beryllium	9-1	70	87	60	72	18.66	cps
Bismuth	209-1	7381458	7321858	7583887	7429068	1.85	cps
Bismuth	209-2	4138721	4135168	4131030	4134973	0.09	cps
Boron	10-1	3351	3117	3401	3289	4.60	cps
Boron	11-1	14925	15826	15875	15542	3.44	cps
Cadmium	111-1	4632	4501	4897	4676	4.32	cps
Cadmium	106-1	6493	6235	6810	6513	4.42	cps
Cadmium	108-1	38	38	17	31	39.36	cps
Calcium	43-1	1002725	1001012	1013615	1005784	0.68	cps
Calcium	44-1	16643484	16781012	16874206	16766234	0.69	cps
Chromium	52-2	2450	2564	2400	2471	3.39	cps
Cobalt	59-2	3364	3467	3604	3478	3.46	cps
Copper	63-2	5561	5688	6011	5753	4.03	cps
Dysprosium	156-1	342	300	383	342	12.20	cps
Dysprosium	156-2	217	220	230	222	3.12	cps
Erbium	164-1	400	425	442	422	4.97	cps
Erbium	164-2	243	247	230	240	3.67	cps
Gadolinium	160-1	450	450	442	447	1.08	cps
Gadolinium	160-2	383	407	430	407	5.74	cps
Holmium	165-1	11738925	11834842	12312626	11962131	2.57	cps
Holmium	165-2	6029026	6010859	5995932	6011939	0.28	cps
Indium	115-1	8761286	8798936	9231929	8930717	2.93	cps
Indium	115-2	1638949	1653681	1639087	1643906	0.51	cps
Iron	56-2	1294473	1314926	1304064	1304487	0.78	cps
Iron	57-2	37543	37459	38468	37823	1.48	cps
Krypton	83-1	283	227	227	246	13.32	cps
Lead	206-1	3606	3212	3328	3382	5.99	cps
Lead	207-1	2850	3034	3028	2971	3.51	cps
Lead	208-1	13103	13014	13158	13092	0.56	cps
Lithium	6-1	2514355	2518657	2585276	2539429	1.57	cps
Magnesium	24-2	560289	570600	574330	568406	1.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1224374	1247753	1245500	1239209	1.04	cps
Molybdenum	94-1	2484	2784	2625	2631	5.71	cps
Molybdenum	95-1	2017	2125	2200	2114	4.36	cps
Molybdenum	96-1	2725	2492	2475	2564	5.45	cps
Molybdenum	97-1	1183	1450	1383	1339	10.37	cps
Molybdenum	98-1	3551	3150	3351	3351	5.97	cps
Neodymium	150-1	373	347	360	360	3.71	cps
Neodymium	150-2	153	157	197	169	14.28	cps
Nickel	60-2	960	947	910	939	2.76	cps
Phosphorus	31-2	100	133	142	125	17.64	cps
Potassium	39-2	190036	195083	192533	192551	1.31	cps
Rhodium	103-1	7533983	7468020	7805846	7602616	2.36	cps
Rhodium	103-2	3349869	3348810	3353745	3350808	0.08	cps
Scandium	45-1	4562309	4341109	4713242	4538886	4.12	cps
Scandium	45-2	170768	169820	170329	170306	0.28	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	35	33	41	36	10.59	cps
Selenium	82-1	25	46	66	46	44.35	cps
Silicon	28-1	8990087	9011366	9073421	9024958	0.48	cps
Silver	109-1	1033	1058	1267	1120	11.44	cps
Silver	107-1	1483	1317	1350	1383	6.38	cps
Sodium	23-2	2527709	2569789	2561926	2553141	0.88	cps
Strontium	86-1	621647	626622	630134	626134	0.68	cps
Strontium	88-1	5597769	5660761	5701376	5653302	0.92	cps
Sulfur	34-1	184750	184156	186951	185286	0.79	cps
Terbium	159-1	12107666	12096450	12596913	12267010	2.33	cps
Terbium	159-2	5889919	5866262	5617515	5791232	2.61	cps
Thallium	203-1	417	467	492	458	8.33	cps
Thallium	205-1	833	833	700	789	9.76	cps
Thorium	232-1	2256	2339	2489	2361	5.01	cps
Tin	118-1	10104	10054	10438	10199	2.05	cps
Titanium	47-1	1333	1542	1442	1439	7.24	cps
Uranium	238-1	6877	6093	6302	6424	6.32	cps
Vanadium	51-2	613	660	607	627	4.64	cps
Yttrium	89-1	24406479	24408816	25487225	24767507	2.52	cps
Yttrium	89-2	3189520	3196535	3189909	3191988	0.12	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0101	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:48:10	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3681	3711	3687	3693	0.43	cps
Zirconium	90-1	4184	4209	4427	4273	3.12	cps
Zirconium	91-1	717	958	833	836	14.46	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1617	1450	1709	1592	8.23	cps
Antimony	121-1	7002	7235	7235	7158	1.88	cps
Arsenic	75-2	244	217	252	238	7.81	cps
Barium	135-1	52400	53538	53496	53145	1.21	cps
Barium	137-1	91156	92046	92817	92006	0.90	cps
Beryllium	9-1	60	73	50	61	19.15	cps
Bismuth	209-1	7389522	7496882	7422679	7436361	0.74	cps
Bismuth	209-2	4047580	4102391	4143468	4097813	1.17	cps
Boron	10-1	4201	4059	4434	4231	4.48	cps
Boron	11-1	19254	20690	20615	20186	4.00	cps
Cadmium	111-1	4747	4676	4650	4691	1.07	cps
Cadmium	106-1	6685	6543	6527	6585	1.32	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	1523388	1544508	1523088	1530328	0.80	cps
Calcium	44-1	25423119	25723190	25670483	25605597	0.63	cps
Chromium	52-2	2037	2070	1963	2024	2.70	cps
Cobalt	59-2	477	477	427	460	6.28	cps
Copper	63-2	5928	6065	6031	6008	1.19	cps
Dysprosium	156-1	100	67	133	100	33.33	cps
Dysprosium	156-2	57	60	50	56	9.17	cps
Erbium	164-1	58	158	167	128	47.18	cps
Erbium	164-2	73	83	103	87	17.63	cps
Gadolinium	160-1	167	125	150	147	14.24	cps
Gadolinium	160-2	220	240	243	234	5.38	cps
Holmium	165-1	11969783	12248112	12136112	12118002	1.16	cps
Holmium	165-2	5975206	6016105	6055519	6015610	0.67	cps
Indium	115-1	8903293	9059445	8989490	8984076	0.87	cps
Indium	115-2	1620756	1642144	1657773	1640224	1.13	cps
Iron	56-2	511173	514268	514699	513380	0.37	cps
Iron	57-2	20487	20854	20982	20774	1.24	cps
Krypton	83-1	240	217	247	234	6.72	cps
Lead	206-1	2484	2606	2750	2613	5.11	cps
Lead	207-1	2406	2489	2384	2426	2.29	cps
Lead	208-1	10068	10163	10513	10248	2.29	cps
Lithium	6-1	2520175	2551619	2527681	2533158	0.65	cps
Magnesium	24-2	1594956	1593621	1607480	1598686	0.48	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163935	164638	164332	164302	0.21	cps
Molybdenum	94-1	1483	1358	1600	1481	8.16	cps
Molybdenum	95-1	1317	1342	1500	1386	7.17	cps
Molybdenum	96-1	1500	1650	1583	1578	4.76	cps
Molybdenum	97-1	792	958	817	856	10.51	cps
Molybdenum	98-1	2192	2425	2467	2361	6.28	cps
Neodymium	150-1	153	120	133	136	12.38	cps
Neodymium	150-2	47	67	53	56	18.33	cps
Nickel	60-2	360	297	380	346	12.59	cps
Phosphorus	31-2	117	42	75	78	48.31	cps
Potassium	39-2	194609	193166	193951	193909	0.37	cps
Rhodium	103-1	7651868	7752563	7619288	7674573	0.91	cps
Rhodium	103-2	3314214	3340518	3368291	3341008	0.81	cps
Scandium	45-1	4671787	4729664	4689149	4696866	0.63	cps
Scandium	45-2	170815	170066	169908	170263	0.28	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	41	19	24	28	41.63	cps
Selenium	82-1	80	108	37	75	47.46	cps
Silicon	28-1	14211461	14411715	14330041	14317739	0.70	cps
Silver	109-1	933	1133	1150	1072	11.25	cps
Silver	107-1	1308	1300	1167	1258	6.32	cps
Sodium	23-2	2797793	2769505	2801597	2789632	0.63	cps
Strontium	86-1	1302479	1315602	1313334	1310472	0.54	cps
Strontium	88-1	11704272	12010931	11942812	11886005	1.35	cps
Sulfur	34-1	338236	335214	334934	336128	0.54	cps
Terbium	159-1	12295749	12514024	12414252	12408008	0.88	cps
Terbium	159-2	5829232	5638564	5888150	5785315	2.26	cps
Thallium	203-1	425	542	358	442	21.01	cps
Thallium	205-1	675	617	483	592	16.61	cps
Thorium	232-1	2028	2134	1984	2048	3.76	cps
Tin	118-1	8586	9453	9796	9278	6.72	cps
Titanium	47-1	725	750	750	742	1.95	cps
Uranium	238-1	22771	22721	23664	23052	2.30	cps
Vanadium	51-2	753	820	780	784	4.28	cps
Yttrium	89-1	25013793	25362679	25107672	25161381	0.72	cps
Yttrium	89-2	3172860	3208587	3233617	3205021	0.95	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-05	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:51:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3064	2857	3070	2997	4.05	cps
Zirconium	90-1	1775	2017	2242	2011	11.61	cps
Zirconium	91-1	367	575	408	450	24.50	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408	1383	1408	1400	1.03	cps
Antimony	121-1	7269	7694	7644	7536	3.08	cps
Arsenic	75-2	183	235	207	209	12.44	cps
Barium	135-1	51480	52274	53453	52402	1.90	cps
Barium	137-1	92038	90930	92280	91749	0.78	cps
Beryllium	9-1	97	77	90	88	11.60	cps
Bismuth	209-1	7548119	7443700	7462862	7484894	0.74	cps
Bismuth	209-2	4120821	4085930	4127959	4111570	0.55	cps
Boron	10-1	4251	4534	4026	4270	5.97	cps
Boron	11-1	19188	19121	18954	19088	0.63	cps
Cadmium	111-1	4473	4544	4934	4650	5.33	cps
Cadmium	106-1	6260	6393	6952	6535	5.62	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	1500886	1518284	1518720	1512630	0.67	cps
Calcium	44-1	25106738	25475048	25453290	25345025	0.82	cps
Chromium	52-2	2024	1883	1920	1942	3.74	cps
Cobalt	59-2	417	430	463	437	5.50	cps
Copper	63-2	5454	5408	5198	5353	2.55	cps
Dysprosium	156-1	92	92	158	114	33.80	cps
Dysprosium	156-2	33	70	80	61	40.21	cps
Erbium	164-1	108	225	125	153	41.30	cps
Erbium	164-2	60	90	80	77	19.92	cps
Gadolinium	160-1	200	133	108	147	32.19	cps
Gadolinium	160-2	253	227	197	226	12.57	cps
Holmium	165-1	12070867	12131586	12098489	12100314	0.25	cps
Holmium	165-2	6048922	6026798	6022707	6032809	0.23	cps
Indium	115-1	9026858	9098754	9010819	9045477	0.52	cps
Indium	115-2	1643757	1649000	1641245	1644668	0.24	cps
Iron	56-2	503368	504393	500391	502717	0.41	cps
Iron	57-2	20120	20476	20721	20439	1.48	cps
Krypton	83-1	230	213	230	224	4.29	cps
Lead	206-1	2545	2523	2489	2519	1.11	cps
Lead	207-1	2100	2206	2184	2163	2.57	cps
Lead	208-1	9691	9357	9318	9455	2.17	cps
Lithium	6-1	2483488	2490984	2486511	2486994	0.15	cps
Magnesium	24-2	1596731	1595240	1596145	1596039	0.05	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	158654	158135	159709	158833	0.51	cps
Molybdenum	94-1	1325	1408	1283	1339	4.75	cps
Molybdenum	95-1	1275	1417	1508	1400	8.40	cps
Molybdenum	96-1	1525	1792	1667	1661	8.03	cps
Molybdenum	97-1	950	925	767	881	11.29	cps
Molybdenum	98-1	2042	2300	2159	2167	5.97	cps
Neodymium	150-1	113	120	107	113	5.88	cps
Neodymium	150-2	43	50	40	44	11.46	cps
Nickel	60-2	313	343	313	323	5.36	cps
Phosphorus	31-2	58	108	133	100	38.19	cps
Potassium	39-2	192913	189083	191091	191029	1.00	cps
Rhodium	103-1	7629592	7704393	7704904	7679630	0.56	cps
Rhodium	103-2	3344494	3368008	3352553	3355018	0.36	cps
Scandium	45-1	4655959	4677074	4671405	4668146	0.23	cps
Scandium	45-2	166793	168910	168634	168112	0.68	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	46	50	39	45	12.55	cps
Selenium	82-1	38	104	75	72	45.81	cps
Silicon	28-1	14063048	14261795	14228432	14184425	0.75	cps
Silver	109-1	858	850	842	850	0.98	cps
Silver	107-1	1092	1075	900	1022	10.39	cps
Sodium	23-2	2790700	2777597	2776827	2781708	0.28	cps
Strontium	86-1	1292052	1301436	1302140	1298543	0.43	cps
Strontium	88-1	11701337	11897464	11859051	11819284	0.88	cps
Sulfur	34-1	338118	338092	340222	338811	0.36	cps
Terbium	159-1	12384904	12471451	12503551	12453302	0.49	cps
Terbium	159-2	5871081	5824568	5893021	5862890	0.60	cps
Thallium	203-1	467	467	433	456	4.23	cps
Thallium	205-1	667	683	583	644	8.31	cps
Thorium	232-1	2045	2078	2089	2071	1.12	cps
Tin	118-1	8178	8678	9053	8636	5.09	cps
Titanium	47-1	617	758	650	675	10.97	cps
Uranium	238-1	23063	24015	23573	23550	2.02	cps
Vanadium	51-2	890	807	877	858	5.22	cps
Yttrium	89-1	25167592	25107346	25187670	25154203	0.17	cps
Yttrium	89-2	3197207	3214236	3195901	3202448	0.32	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-06	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0104-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:55:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3827	3844	3814	3828	0.39	cps
Zirconium	90-1	1984	2184	2034	2067	5.04	cps
Zirconium	91-1	425	442	533	467	12.50	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1975	2250	2467	2231	11.05	cps
Antimony	121-1	8103	8019	8003	8042	0.67	cps
Arsenic	75-2	220	237	237	231	4.16	cps
Barium	135-1	35705	36666	36950	36440	1.79	cps
Barium	137-1	61361	63504	63596	62821	2.01	cps
Beryllium	9-1	70	90	97	86	16.22	cps
Bismuth	209-1	7438611	7569114	7604146	7537290	1.16	cps
Bismuth	209-2	4074610	4136207	4179231	4130016	1.27	cps
Boron	10-1	4234	4384	4109	4242	3.25	cps
Boron	11-1	18779	19513	19905	19399	2.95	cps
Cadmium	111-1	4798	4716	4778	4764	0.90	cps
Cadmium	106-1	6744	6635	6710	6696	0.83	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	1369642	1405511	1420379	1398511	1.87	cps
Calcium	44-1	22960119	23730635	23716386	23469047	1.88	cps
Chromium	52-2	2107	2104	2190	2134	2.30	cps
Cobalt	59-2	493	543	597	544	9.49	cps
Copper	63-2	5838	5798	5685	5773	1.38	cps
Dysprosium	156-1	125	125	117	122	3.94	cps
Dysprosium	156-2	43	63	77	61	27.46	cps
Erbium	164-1	150	175	150	158	9.12	cps
Erbium	164-2	90	83	93	89	5.73	cps
Gadolinium	160-1	200	200	167	189	10.19	cps
Gadolinium	160-2	230	260	240	243	6.28	cps
Holmium	165-1	11995689	12384197	12300771	12226886	1.67	cps
Holmium	165-2	6093259	6039994	6077332	6070195	0.45	cps
Indium	115-1	8904275	9131995	9177135	9071135	1.61	cps
Indium	115-2	1620905	1639604	1662308	1640939	1.26	cps
Iron	56-2	631570	634487	641707	635921	0.82	cps
Iron	57-2	22996	22612	23469	23026	1.86	cps
Krypton	83-1	247	197	253	232	13.34	cps
Lead	206-1	4251	4351	4256	4286	1.31	cps
Lead	207-1	3601	3667	3612	3627	0.98	cps
Lead	208-1	16082	16115	15804	16000	1.07	cps
Lithium	6-1	2434212	2488220	2493294	2471909	1.32	cps
Magnesium	24-2	1479755	1473834	1491727	1481772	0.62	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124646	124212	125842	124900	0.68	cps
Molybdenum	94-1	1667	1350	1659	1558	11.58	cps
Molybdenum	95-1	1408	1517	1684	1536	9.02	cps
Molybdenum	96-1	1583	1909	1909	1800	10.43	cps
Molybdenum	97-1	1067	1100	1025	1064	3.53	cps
Molybdenum	98-1	2617	2567	2367	2517	5.26	cps
Neodymium	150-1	120	140	127	129	7.90	cps
Neodymium	150-2	50	50	70	57	20.38	cps
Nickel	60-2	497	417	447	453	8.91	cps
Phosphorus	31-2	125	67	142	111	35.44	cps
Potassium	39-2	201805	202099	205583	203163	1.03	cps
Rhodium	103-1	7618667	7786405	7837318	7747463	1.48	cps
Rhodium	103-2	3302983	3338608	3356898	3332830	0.82	cps
Scandium	45-1	4381606	4687227	4705676	4591503	3.96	cps
Scandium	45-2	168206	168603	170538	169116	0.74	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	41	37	39	39	4.76	cps
Selenium	82-1	61	80	63	68	15.53	cps
Silicon	28-1	13501512	13843347	14001763	13782208	1.86	cps
Silver	109-1	767	900	1042	903	15.23	cps
Silver	107-1	1075	942	900	972	9.40	cps
Sodium	23-2	2588799	2588812	2627692	2601767	0.86	cps
Strontium	86-1	1176629	1201607	1214224	1197487	1.60	cps
Strontium	88-1	10635629	10987841	11032470	10885313	2.00	cps
Sulfur	34-1	328516	332080	337655	332750	1.38	cps
Terbium	159-1	12357249	12596316	12696910	12550158	1.39	cps
Terbium	159-2	5809830	5876834	5915981	5867548	0.91	cps
Thallium	203-1	442	408	375	408	8.16	cps
Thallium	205-1	633	583	592	603	4.44	cps
Thorium	232-1	2011	1795	1856	1887	5.92	cps
Tin	118-1	7961	8820	8778	8520	5.68	cps
Titanium	47-1	883	767	933	861	9.93	cps
Uranium	238-1	23096	22854	21552	22501	3.69	cps
Vanadium	51-2	977	970	900	949	4.48	cps
Yttrium	89-1	24807749	25277088	25352819	25145885	1.17	cps
Yttrium	89-2	3153389	3179822	3200895	3178035	0.75	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-07	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0103	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 15:58:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4894	4654	4681	4743	2.77	cps
Zirconium	90-1	1784	1825	1975	1861	5.42	cps
Zirconium	91-1	375	342	433	383	12.10	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	700	858	745	13.36	cps
Antimony	121-1	7602	8244	7794	7880	4.18	cps
Arsenic	75-2	189	152	215	185	17.09	cps
Barium	135-1	62164	62483	61369	62006	0.92	cps
Barium	137-1	108429	108943	108647	108673	0.24	cps
Beryllium	9-1	43	93	110	82	42.20	cps
Bismuth	209-1	7524421	7552757	7543292	7540156	0.19	cps
Bismuth	209-2	4060225	4084919	4117835	4087660	0.71	cps
Boron	10-1	3726	3959	3826	3837	3.05	cps
Boron	11-1	16268	17928	17769	17322	5.29	cps
Cadmium	111-1	4859	4532	4656	4683	3.52	cps
Cadmium	106-1	6852	6385	6560	6599	3.57	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Calcium	43-1	1739868	1746350	1756242	1747487	0.47	cps
Calcium	44-1	29065783	29409808	29593011	29356201	0.91	cps
Chromium	52-2	2064	1987	2130	2060	3.48	cps
Cobalt	59-2	377	433	477	429	11.69	cps
Copper	63-2	5361	5291	5474	5376	1.72	cps
Dysprosium	156-1	50	83	67	67	25.00	cps
Dysprosium	156-2	53	37	40	43	20.34	cps
Erbium	164-1	150	133	158	147	8.65	cps
Erbium	164-2	73	77	80	77	4.34	cps
Gadolinium	160-1	75	108	108	97	19.80	cps
Gadolinium	160-2	243	190	207	213	12.79	cps
Holmium	165-1	12113995	12313736	12320333	12249355	0.96	cps
Holmium	165-2	6014467	6053866	6106855	6058396	0.77	cps
Indium	115-1	9023644	9144897	9106458	9091666	0.68	cps
Indium	115-2	1624540	1638539	1656442	1639840	0.98	cps
Iron	56-2	593190	598688	597536	596471	0.49	cps
Iron	57-2	23926	23503	24788	24072	2.72	cps
Krypton	83-1	283	200	260	248	17.35	cps
Lead	206-1	2417	2278	2406	2367	3.26	cps
Lead	207-1	2206	1900	2095	2067	7.48	cps
Lead	208-1	9190	8329	8968	8829	5.06	cps
Lithium	6-1	2447896	2475249	2477638	2466928	0.67	cps
Magnesium	24-2	1570229	1572607	1584995	1575944	0.50	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	154774	154837	153265	154292	0.58	cps
Molybdenum	94-1	1417	1542	1392	1450	5.54	cps
Molybdenum	95-1	1400	1458	1450	1436	2.20	cps
Molybdenum	96-1	1742	1525	1567	1611	7.14	cps
Molybdenum	97-1	817	908	842	856	5.54	cps
Molybdenum	98-1	2200	2367	2417	2328	4.87	cps
Neodymium	150-1	107	100	47	84	38.94	cps
Neodymium	150-2	43	33	30	36	19.51	cps
Nickel	60-2	407	310	387	368	13.87	cps
Phosphorus	31-2	133	100	142	125	17.63	cps
Potassium	39-2	201354	200521	203949	201941	0.89	cps
Rhodium	103-1	7655172	7706422	7723491	7695028	0.46	cps
Rhodium	103-2	3298863	3344976	3367342	3337060	1.05	cps
Scandium	45-1	4649748	4653520	4694187	4665818	0.53	cps
Scandium	45-2	167064	167997	169329	168130	0.68	cps
Selenium	77-2	7	17	27	17	59.99	cps
Selenium	78-2	41	48	39	43	11.50	cps
Selenium	82-1	22	144	29	65	106.07	cps
Silicon	28-1	13433250	13589242	13570936	13531143	0.63	cps
Silver	109-1	992	567	683	747	29.39	cps
Silver	107-1	817	925	867	870	6.24	cps
Sodium	23-2	2725509	2746945	2774147	2748867	0.89	cps
Strontium	86-1	1361236	1380461	1382012	1374569	0.84	cps
Strontium	88-1	12400179	12506537	12637619	12514778	0.95	cps
Sulfur	34-1	350503	349941	346580	349008	0.61	cps
Terbium	159-1	12379821	12652790	12553733	12528781	1.10	cps
Terbium	159-2	5828241	5898564	5927952	5884919	0.87	cps
Thallium	203-1	350	367	317	344	7.39	cps
Thallium	205-1	625	600	625	617	2.34	cps
Thorium	232-1	1678	1695	1672	1682	0.69	cps
Tin	118-1	7344	8178	7786	7769	5.37	cps
Titanium	47-1	450	683	567	567	20.59	cps
Uranium	238-1	24625	24875	24174	24558	1.45	cps
Vanadium	51-2	830	757	857	814	6.36	cps
Yttrium	89-1	25102302	25332976	25285766	25240348	0.48	cps
Yttrium	89-2	3164372	3186967	3219125	3190155	0.86	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-08	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0115	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:02:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4147	3907	3977	4011	3.08	cps
Zirconium	90-1	1634	1842	1533	1670	9.42	cps
Zirconium	91-1	367	300	450	372	20.19	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	233	258	261	11.21	cps
Antimony	121-1	7494	7586	7469	7516	0.82	cps
Arsenic	75-2	254	289	291	278	7.51	cps
Barium	135-1	67992	68034	70604	68877	2.17	cps
Barium	137-1	120973	121948	123008	121976	0.83	cps
Beryllium	9-1	40	77	40	52	40.54	cps
Bismuth	209-1	7513964	7541387	7597242	7550864	0.56	cps
Bismuth	209-2	4102558	4106742	4086197	4098499	0.26	cps
Boron	10-1	3584	3309	3309	3401	4.67	cps
Boron	11-1	15158	15809	16251	15739	3.49	cps
Cadmium	111-1	4448	4791	4535	4591	3.88	cps
Cadmium	106-1	6185	6769	6402	6452	4.57	cps
Cadmium	108-1	21	38	25	28	31.23	cps
Calcium	43-1	1798504	1802848	1826206	1809186	0.82	cps
Calcium	44-1	30139634	30353115	30822559	30438436	1.15	cps
Chromium	52-2	2147	2030	1890	2022	6.35	cps
Cobalt	59-2	707	703	727	712	1.77	cps
Copper	63-2	5551	5518	5398	5489	1.47	cps
Dysprosium	156-1	217	175	158	183	16.39	cps
Dysprosium	156-2	137	113	110	120	12.11	cps
Erbium	164-1	283	242	258	261	8.03	cps
Erbium	164-2	123	140	127	130	6.78	cps
Gadolinium	160-1	250	167	308	242	29.46	cps
Gadolinium	160-2	263	317	297	292	9.22	cps
Holmium	165-1	11992878	12090178	12361212	12148089	1.57	cps
Holmium	165-2	6016902	6030223	6003800	6016975	0.22	cps
Indium	115-1	8788169	8918113	9087538	8931273	1.68	cps
Indium	115-2	1614976	1635674	1614378	1621676	0.75	cps
Iron	56-2	1987398	1998467	1984331	1990065	0.37	cps
Iron	57-2	57563	59353	59091	58669	1.65	cps
Krypton	83-1	247	243	233	241	2.88	cps
Lead	206-1	3273	3167	3100	3180	2.73	cps
Lead	207-1	2900	2850	2734	2828	3.02	cps
Lead	208-1	12097	12125	11941	12054	0.82	cps
Lithium	6-1	2375163	2385512	2406899	2389191	0.68	cps
Magnesium	24-2	1294363	1301111	1296404	1297293	0.27	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	643160	648430	642376	644655	0.51	cps
Molybdenum	94-1	2084	2217	2100	2134	3.41	cps
Molybdenum	95-1	1642	1342	1442	1475	10.36	cps
Molybdenum	96-1	1817	2000	1734	1850	7.38	cps
Molybdenum	97-1	917	983	950	950	3.51	cps
Molybdenum	98-1	2259	2367	2117	2247	5.58	cps
Neodymium	150-1	253	240	273	256	6.57	cps
Neodymium	150-2	87	100	87	91	8.45	cps
Nickel	60-2	433	427	533	464	12.87	cps
Phosphorus	31-2	117	108	142	122	14.19	cps
Potassium	39-2	348349	348933	345270	347517	0.57	cps
Rhodium	103-1	7496396	7564185	7697617	7586066	1.35	cps
Rhodium	103-2	3275297	3306228	3284429	3288651	0.48	cps
Scandium	45-1	4282980	4332111	4583782	4399625	3.67	cps
Scandium	45-2	163929	165193	163174	164098	0.62	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	35	48	43	42	15.49	cps
Selenium	82-1	51	60	53	55	9.08	cps
Silicon	28-1	15778959	15828226	16072831	15893338	0.99	cps
Silver	109-1	700	725	767	731	4.61	cps
Silver	107-1	875	808	842	842	3.96	cps
Sodium	23-2	1091127	1098582	1091883	1093864	0.38	cps
Strontium	86-1	1225293	1234490	1245951	1235245	0.84	cps
Strontium	88-1	11167028	11193223	11358131	11239461	0.92	cps
Sulfur	34-1	389119	386590	388693	388134	0.35	cps
Terbium	159-1	12311992	12382957	12629809	12441586	1.34	cps
Terbium	159-2	5589331	5869229	5830325	5762962	2.63	cps
Thallium	203-1	442	425	542	469	13.44	cps
Thallium	205-1	592	475	483	517	12.60	cps
Thorium	232-1	2034	1900	1772	1902	6.87	cps
Tin	118-1	7144	7135	7436	7238	2.36	cps
Titanium	47-1	908	867	767	847	8.59	cps
Uranium	238-1	21219	21853	21970	21680	1.86	cps
Vanadium	51-2	667	750	723	713	5.97	cps
Yttrium	89-1	24626011	24736478	25169626	24844039	1.16	cps
Yttrium	89-2	3109361	3152093	3133339	3131598	0.68	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-09	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0102	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:06:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5261	5088	5264	5204	1.94	cps
Zirconium	90-1	3526	3767	3626	3640	3.34	cps
Zirconium	91-1	758	933	758	817	12.37	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	300	258	253	19.87	cps
Antimony	121-1	6735	7402	7269	7135	4.95	cps
Arsenic	75-2	181	220	198	200	9.76	cps
Barium	135-1	58248	60993	61796	60346	3.08	cps
Barium	137-1	106330	106539	107186	106685	0.42	cps
Beryllium	9-1	83	70	53	69	21.82	cps
Bismuth	209-1	7519064	7601604	7579379	7566683	0.56	cps
Bismuth	209-2	4114797	4105609	4109403	4109937	0.11	cps
Boron	10-1	3392	3059	3601	3350	8.16	cps
Boron	11-1	14741	15867	14633	15080	4.53	cps
Cadmium	111-1	4481	4516	4416	4471	1.13	cps
Cadmium	106-1	6302	6393	6260	6318	1.08	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	1749209	1781434	1781497	1770714	1.05	cps
Calcium	44-1	29297856	29722958	29702109	29574308	0.81	cps
Chromium	52-2	2920	2590	2617	2709	6.77	cps
Cobalt	59-2	510	487	447	481	6.66	cps
Copper	63-2	4791	4764	4637	4731	1.73	cps
Dysprosium	156-1	83	92	108	94	13.48	cps
Dysprosium	156-2	40	67	57	54	24.75	cps
Erbium	164-1	100	208	142	150	36.43	cps
Erbium	164-2	117	93	77	96	21.03	cps
Gadolinium	160-1	150	150	167	156	6.18	cps
Gadolinium	160-2	220	200	283	234	18.55	cps
Holmium	165-1	12015494	12307397	12364561	12229151	1.53	cps
Holmium	165-2	6074777	5950618	6061232	6028876	1.13	cps
Indium	115-1	8833634	9033881	9081943	8983153	1.47	cps
Indium	115-2	1621291	1601995	1622453	1615246	0.71	cps
Iron	56-2	880965	861188	876079	872744	1.18	cps
Iron	57-2	30649	30310	30014	30324	1.05	cps
Krypton	83-1	200	243	260	234	13.21	cps
Lead	206-1	2389	2228	2134	2250	5.74	cps
Lead	207-1	1889	1934	1772	1865	4.46	cps
Lead	208-1	8346	8418	8273	8346	0.87	cps
Lithium	6-1	2359708	2399332	2393013	2384018	0.89	cps
Magnesium	24-2	1502257	1461990	1491734	1485327	1.41	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124723	121479	124888	123697	1.55	cps
Molybdenum	94-1	1292	1483	1592	1456	10.44	cps
Molybdenum	95-1	1367	1450	1508	1442	4.94	cps
Molybdenum	96-1	1508	1550	1634	1564	4.07	cps
Molybdenum	97-1	825	842	758	808	5.46	cps
Molybdenum	98-1	2225	2325	2400	2317	3.79	cps
Neodymium	150-1	93	113	127	111	15.10	cps
Neodymium	150-2	37	17	57	37	54.54	cps
Nickel	60-2	447	443	387	426	7.92	cps
Phosphorus	31-2	108	100	92	100	8.33	cps
Potassium	39-2	232623	226866	234289	231259	1.68	cps
Rhodium	103-1	7496079	7655748	7661872	7604566	1.24	cps
Rhodium	103-2	3308125	3259940	3294051	3287372	0.75	cps
Scandium	45-1	4342797	4374749	4587829	4435125	3.00	cps
Scandium	45-2	164481	162325	164205	163670	0.72	cps
Selenium	77-2	3	20	17	13	66.16	cps
Selenium	78-2	43	28	54	41	31.44	cps
Selenium	82-1	106	42	47	65	54.72	cps
Silicon	28-1	16421807	16759687	16700178	16627224	1.08	cps
Silver	109-1	658	650	558	622	8.92	cps
Silver	107-1	758	792	842	797	5.26	cps
Sodium	23-2	1915868	1882243	1920170	1906094	1.09	cps
Strontium	86-1	1347107	1362381	1365801	1358430	0.73	cps
Strontium	88-1	12293189	12461655	12486861	12413902	0.85	cps
Sulfur	34-1	342624	346514	345398	344845	0.58	cps
Terbium	159-1	12309175	12620383	12618855	12516138	1.43	cps
Terbium	159-2	5891634	5584646	5890432	5788904	3.06	cps
Thallium	203-1	367	392	458	406	11.68	cps
Thallium	205-1	533	592	658	594	10.52	cps
Thorium	232-1	1872	1650	1784	1769	6.33	cps
Tin	118-1	6527	7052	7494	7024	6.89	cps
Titanium	47-1	717	758	808	761	6.03	cps
Uranium	238-1	20993	21803	22203	21666	2.85	cps
Vanadium	51-2	747	737	707	730	2.85	cps
Yttrium	89-1	24717350	24950944	25047678	24905324	0.68	cps
Yttrium	89-2	3138243	3100800	3148590	3129211	0.80	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-10	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0116	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:09:51	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4367	4414	4481	4421	1.29	cps
Zirconium	90-1	1850	1884	1709	1814	5.12	cps
Zirconium	91-1	367	442	392	400	9.55	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1942	2009	2117	2022	4.37	cps
Antimony	121-1	6810	7836	7619	7422	7.28	cps
Arsenic	75-2	172	169	237	193	20.01	cps
Barium	135-1	59227	60725	60742	60231	1.44	cps
Barium	137-1	102930	105541	109152	105874	2.95	cps
Beryllium	9-1	83	77	63	74	13.68	cps
Bismuth	209-1	7516094	7522412	7691474	7576660	1.31	cps
Bismuth	209-2	4081218	4120339	4147034	4116197	0.80	cps
Boron	10-1	4634	4551	4934	4706	4.29	cps
Boron	11-1	20473	21357	21983	21271	3.57	cps
Cadmium	111-1	4822	4247	4663	4578	6.49	cps
Cadmium	106-1	6819	6027	6585	6477	6.28	cps
Cadmium	108-1	25	13	13	17	43.30	cps
Calcium	43-1	1535178	1548812	1560275	1548088	0.81	cps
Calcium	44-1	25573296	26048671	26416066	26012678	1.62	cps
Chromium	52-2	2537	2530	2644	2570	2.47	cps
Cobalt	59-2	337	310	283	310	8.60	cps
Copper	63-2	4631	4788	4724	4714	1.67	cps
Dysprosium	156-1	92	92	108	97	9.90	cps
Dysprosium	156-2	77	53	50	60	24.22	cps
Erbium	164-1	142	158	175	158	10.53	cps
Erbium	164-2	100	97	87	94	7.35	cps
Gadolinium	160-1	117	142	133	131	9.75	cps
Gadolinium	160-2	230	250	240	240	4.17	cps
Holmium	165-1	12067853	12278949	12488973	12278592	1.71	cps
Holmium	165-2	6067709	6072179	6092626	6077505	0.22	cps
Indium	115-1	8831758	9010224	9128035	8990006	1.66	cps
Indium	115-2	1627703	1634481	1631416	1631200	0.21	cps
Iron	56-2	202617	205659	204346	204207	0.75	cps
Iron	57-2	12773	13178	13039	12997	1.59	cps
Krypton	83-1	243	253	270	256	5.27	cps
Lead	206-1	2389	2245	2300	2311	3.15	cps
Lead	207-1	1861	1722	2034	1872	8.32	cps
Lead	208-1	8490	8279	8640	8470	2.14	cps
Lithium	6-1	2326558	2356757	2374773	2352696	1.04	cps
Magnesium	24-2	1666018	1671527	1658901	1665482	0.38	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29840	29961	29627	29809	0.57	cps
Molybdenum	94-1	1150	1208	1283	1214	5.51	cps
Molybdenum	95-1	1258	1308	1208	1258	3.97	cps
Molybdenum	96-1	1517	1467	1433	1472	2.85	cps
Molybdenum	97-1	792	850	717	786	8.50	cps
Molybdenum	98-1	1859	1967	1942	1922	2.95	cps
Neodymium	150-1	93	113	153	120	25.46	cps
Neodymium	150-2	47	23	67	46	47.61	cps
Nickel	60-2	440	417	447	434	3.63	cps
Phosphorus	31-2	92	108	92	97	9.90	cps
Potassium	39-2	157916	162826	155853	158865	2.25	cps
Rhodium	103-1	7528741	7643141	7714426	7628770	1.23	cps
Rhodium	103-2	3310033	3330535	3311633	3317400	0.34	cps
Scandium	45-1	4290730	4347681	4608124	4415512	3.83	cps
Scandium	45-2	164983	164936	164562	164827	0.14	cps
Selenium	77-2	3	13	17	11	62.48	cps
Selenium	78-2	26	30	37	31	18.33	cps
Selenium	82-1	52	48	-1	33	89.08	cps
Silicon	28-1	15063580	15370547	15528205	15320777	1.54	cps
Silver	109-1	633	592	592	606	3.97	cps
Silver	107-1	825	767	608	733	15.29	cps
Sodium	23-2	2589919	2605373	2588442	2594578	0.36	cps
Strontium	86-1	1361553	1384182	1409295	1385010	1.72	cps
Strontium	88-1	12286764	12577626	12785614	12550001	2.00	cps
Sulfur	34-1	375916	382153	382262	380110	0.96	cps
Terbium	159-1	12298710	12571532	12729612	12533285	1.74	cps
Terbium	159-2	5890932	5938083	5934012	5921009	0.44	cps
Thallium	203-1	283	450	350	361	23.23	cps
Thallium	205-1	617	517	675	603	13.28	cps
Thorium	232-1	1917	1778	1800	1832	4.07	cps
Tin	118-1	6710	7027	6969	6902	2.44	cps
Titanium	47-1	925	908	742	858	11.81	cps
Uranium	238-1	23564	24858	25251	24558	3.59	cps
Vanadium	51-2	1130	1007	1043	1060	5.97	cps
Yttrium	89-1	24466560	24845175	25171390	24827708	1.42	cps
Yttrium	89-2	3147859	3163054	3156036	3155650	0.24	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4017-11	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0108	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:13:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4511	4511	4421	4481	1.16	cps
Zirconium	90-1	1717	1725	1759	1734	1.27	cps
Zirconium	91-1	367	350	358	358	2.33	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2892647	2894985	2897862	2895165	0.09	cps
Antimony	121-1	3739112	3685523	3700157	3708264	0.75	cps
Arsenic	75-2	114181	114996	115834	115004	0.72	cps
Barium	135-1	4977374	4906843	4916026	4933415	0.78	cps
Barium	137-1	9024814	8934404	8946756	8968658	0.55	cps
Beryllium	9-1	759452	748158	747481	751697	0.89	cps
Bismuth	209-1	6921145	6835175	6855510	6870610	0.65	cps
Bismuth	209-2	3973876	3855977	3861836	3897230	1.70	cps
Boron	10-1	107203	106473	108168	107281	0.79	cps
Boron	11-1	489103	491121	485845	488690	0.54	cps
Cadmium	111-1	1237390	1223038	1224690	1228373	0.64	cps
Cadmium	106-1	136947	134861	135988	135932	0.77	cps
Cadmium	108-1	90197	89015	91245	90152	1.24	cps
Calcium	43-1	5233727	5163693	5153024	5183482	0.85	cps
Calcium	44-1	84149316	82823904	83050798	83341339	0.85	cps
Chromium	52-2	874201	865204	869989	869798	0.52	cps
Cobalt	59-2	1420796	1414805	1428742	1421448	0.49	cps
Copper	63-2	2233326	2230733	2245433	2236497	0.35	cps
Dysprosium	156-1	150	150	142	147	3.27	cps
Dysprosium	156-2	147	150	110	136	16.37	cps
Erbium	164-1	75	42	108	75	44.44	cps
Erbium	164-2	73	70	43	62	26.43	cps
Gadolinium	160-1	75	125	133	111	28.40	cps
Gadolinium	160-2	213	183	213	203	8.52	cps
Holmium	165-1	11945965	11854667	11881283	11893972	0.39	cps
Holmium	165-2	6300553	6145856	6144713	6197041	1.45	cps
Indium	115-1	8253272	8232889	8268992	8251718	0.22	cps
Indium	115-2	1630980	1584765	1595740	1603828	1.51	cps
Iron	56-2	187510393	186451749	187278654	187080265	0.30	cps
Iron	57-2	4597977	4564231	4598092	4586767	0.43	cps
Krypton	83-1	187	187	207	193	5.97	cps
Lead	206-1	3374587	3333028	3322043	3343219	0.83	cps
Lead	207-1	2925960	2876422	2885834	2896072	0.91	cps
Lead	208-1	13622826	13437100	13439235	13499720	0.79	cps
Lithium	6-1	2425007	2384973	2383509	2397829	0.98	cps
Magnesium	24-2	31689024	31387637	31552467	31543043	0.48	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1116082	1109989	1115089	1113720	0.29	cps
Molybdenum	94-1	8058142	7956697	7959861	7991567	0.72	cps
Molybdenum	95-1	9944841	9835183	9855016	9878347	0.59	cps
Molybdenum	96-1	11141786	11027033	11088318	11085712	0.52	cps
Molybdenum	97-1	6316172	6217751	6253370	6262431	0.80	cps
Molybdenum	98-1	16147543	15997863	16009449	16051618	0.52	cps
Neodymium	150-1	453	420	420	431	4.46	cps
Neodymium	150-2	110	73	60	81	31.92	cps
Nickel	60-2	359388	358506	363310	360401	0.71	cps
Phosphorus	31-2	30833	29714	30015	30187	1.92	cps
Potassium	39-2	15924090	15812014	15885947	15874017	0.36	cps
Rhodium	103-1	6849757	6771084	6756263	6792368	0.74	cps
Rhodium	103-2	3100734	3023550	3050776	3058353	1.28	cps
Scandium	45-1	4309707	4241701	4254178	4268529	0.85	cps
Scandium	45-2	173497	169742	170734	171324	1.14	cps
Selenium	77-2	3307	3350	3290	3316	0.93	cps
Selenium	78-2	11325	11458	11375	11386	0.59	cps
Selenium	82-1	77775	77036	76970	77260	0.58	cps
Silicon	28-1	2216808	2213580	2212616	2214335	0.10	cps
Silver	109-1	5034145	4968554	4987012	4996570	0.68	cps
Silver	107-1	5210888	5131427	5158115	5166810	0.78	cps
Sodium	23-2	60563435	60130406	60332889	60342243	0.36	cps
Strontium	86-1	1210059	1181117	1183055	1191410	1.36	cps
Strontium	88-1	10883166	10724247	10740412	10782608	0.81	cps
Sulfur	34-1	537917	537150	533184	536084	0.47	cps
Terbium	159-1	12157784	12075691	12060773	12098083	0.43	cps
Terbium	159-2	6095369	5909267	5937717	5980784	1.68	cps
Thallium	203-1	4226861	4193565	4152504	4190976	0.89	cps
Thallium	205-1	10407190	10339300	10317436	10354642	0.45	cps
Thorium	232-1	14939335	14858689	14766430	14854818	0.58	cps
Tin	118-1	3313229	3255545	3280294	3283023	0.88	cps
Titanium	47-1	2259340	2223531	2220955	2234609	0.96	cps
Uranium	238-1	14385179	14249551	14124904	14253211	0.91	cps
Vanadium	51-2	700111	698179	700060	699450	0.16	cps
Yttrium	89-1	23742624	23463712	23564409	23590248	0.60	cps
Yttrium	89-2	3261910	3179148	3194861	3211973	1.37	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:28:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	409922	410009	411214	410381	0.18	cps
Zirconium	90-1	6493427	6423840	6430428	6449232	0.60	cps
Zirconium	91-1	1386442	1381992	1387537	1385324	0.21	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	67	94	26.96	cps
Antimony	121-1	1358	1667	1450	1492	10.61	cps
Arsenic	75-2	0	4	7	4	100.05	cps
Barium	135-1	92	92	117	100	14.43	cps
Barium	137-1	225	225	225	225	0.00	cps
Beryllium	9-1	80	73	90	81	10.34	cps
Bismuth	209-1	7339136	7277497	7301458	7306030	0.43	cps
Bismuth	209-2	4149126	4175908	4121369	4148801	0.66	cps
Boron	10-1	2359	2359	2309	2342	1.23	cps
Boron	11-1	10487	10412	10821	10573	2.06	cps
Cadmium	111-1	4380	4482	4672	4511	3.29	cps
Cadmium	106-1	6177	6343	6635	6385	3.63	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	275	300	175	250	26.46	cps
Calcium	44-1	8679	8963	8729	8790	1.72	cps
Chromium	52-2	310	320	250	293	12.91	cps
Cobalt	59-2	73	27	40	47	51.50	cps
Copper	63-2	607	697	527	610	13.94	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	17	67	83	56	62.45	cps
Erbium	164-2	77	50	63	63	21.06	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	197	197	200	198	0.97	cps
Holmium	165-1	11588037	11440383	11587802	11538740	0.74	cps
Holmium	165-2	6020934	6025467	5936731	5994377	0.83	cps
Indium	115-1	8747791	8802464	8747881	8766045	0.36	cps
Indium	115-2	1688155	1699580	1681676	1689804	0.54	cps
Iron	56-2	5473	5318	5501	5431	1.82	cps
Iron	57-2	156	183	144	161	12.43	cps
Krypton	83-1	163	193	220	192	14.75	cps
Lead	206-1	844	961	972	926	7.65	cps
Lead	207-1	989	995	806	930	11.56	cps
Lead	208-1	3228	3528	3534	3430	5.10	cps
Lithium	6-1	2422552	2415509	2419944	2419335	0.15	cps
Magnesium	24-2	608	592	575	592	2.82	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	33	50	42	19.87	cps
Molybdenum	94-1	783	750	608	714	13.02	cps
Molybdenum	95-1	558	517	467	514	8.93	cps
Molybdenum	96-1	767	558	808	711	18.84	cps
Molybdenum	97-1	475	392	267	378	27.76	cps
Molybdenum	98-1	983	750	842	858	13.70	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	17	7	33	19	71.30	cps
Phosphorus	31-2	58	17	42	39	53.93	cps
Potassium	39-2	9320	9503	9804	9542	2.56	cps
Rhodium	103-1	7567615	7542573	7597607	7569265	0.36	cps
Rhodium	103-2	3365017	3396758	3355570	3372448	0.64	cps
Scandium	45-1	4363447	4352845	4572359	4429550	2.79	cps
Scandium	45-2	171361	171078	168802	170414	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	54	43	46	13.86	cps
Selenium	82-1	55	61	21	46	47.69	cps
Silicon	28-1	83943	83257	82478	83226	0.88	cps
Silver	109-1	342	342	300	328	7.34	cps
Silver	107-1	408	300	333	347	15.98	cps
Sodium	23-2	7961	7369	7877	7736	4.14	cps
Strontium	86-1	358	342	458	386	16.34	cps
Strontium	88-1	550	583	675	603	10.74	cps
Sulfur	34-1	172251	178432	181114	177266	2.56	cps
Terbium	159-1	11841582	11849837	11862494	11851304	0.09	cps
Terbium	159-2	5849877	5845339	5819420	5838212	0.28	cps
Thallium	203-1	883	783	742	803	9.07	cps
Thallium	205-1	1684	1675	1458	1606	7.95	cps
Thorium	232-1	2856	2912	2950	2906	1.63	cps
Tin	118-1	1117	1283	1258	1220	7.37	cps
Titanium	47-1	100	83	100	94	10.18	cps
Uranium	238-1	2000	2300	2267	2189	7.51	cps
Vanadium	51-2	23	13	17	18	28.64	cps
Yttrium	89-1	24173769	24049113	24136320	24119734	0.27	cps
Yttrium	89-2	3214640	3242143	3212927	3223236	0.51	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:35:59	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187	187	233	202	13.32	cps
Zirconium	90-1	1142	1175	1392	1236	10.98	cps
Zirconium	91-1	217	167	300	228	29.57	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	900	725	806	10.97	cps
Antimony	121-1	11947	11422	11605	11658	2.29	cps
Arsenic	75-2	472	435	478	462	5.01	cps
Barium	135-1	47507	47959	49339	48268	1.98	cps
Barium	137-1	84314	82914	84868	84032	1.20	cps
Beryllium	9-1	90	93	93	92	2.09	cps
Bismuth	209-1	7466996	7573906	7501322	7514075	0.73	cps
Bismuth	209-2	4043657	4104056	4108112	4085275	0.88	cps
Boron	10-1	3559	3876	3317	3584	7.81	cps
Boron	11-1	16868	16885	17110	16955	0.80	cps
Cadmium	111-1	5104	4469	4957	4843	6.87	cps
Cadmium	106-1	7019	6135	6944	6699	7.31	cps
Cadmium	108-1	54	25	17	32	61.64	cps
Calcium	43-1	506311	510276	513200	509929	0.68	cps
Calcium	44-1	8449235	8518371	8658624	8542077	1.25	cps
Chromium	52-2	2840	2760	2767	2789	1.59	cps
Cobalt	59-2	480	503	530	504	4.96	cps
Copper	63-2	5461	5788	5728	5659	3.07	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	40	27	20	29	35.25	cps
Erbium	164-1	25	33	100	53	77.89	cps
Erbium	164-2	70	70	67	69	2.79	cps
Gadolinium	160-1	108	75	92	92	18.18	cps
Gadolinium	160-2	153	177	210	180	15.82	cps
Holmium	165-1	11604853	11812997	11891661	11769837	1.26	cps
Holmium	165-2	5859559	5943945	5928109	5910538	0.76	cps
Indium	115-1	8606154	8779504	8810994	8732217	1.26	cps
Indium	115-2	1576569	1600810	1595876	1591085	0.81	cps
Iron	56-2	94665	96035	96236	95645	0.89	cps
Iron	57-2	4918	5296	4779	4997	5.35	cps
Krypton	83-1	223	283	193	233	19.64	cps
Lead	206-1	3195	2912	2711	2939	8.26	cps
Lead	207-1	2839	2600	2317	2586	10.11	cps
Lead	208-1	11730	11074	10513	11106	5.48	cps
Lithium	6-1	2426802	2478050	2465290	2456714	1.09	cps
Magnesium	24-2	1916855	1949803	1935779	1934146	0.85	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61438	62338	62285	62020	0.81	cps
Molybdenum	94-1	1133	1367	1192	1231	9.87	cps
Molybdenum	95-1	892	817	983	897	9.30	cps
Molybdenum	96-1	1317	1117	1183	1206	8.45	cps
Molybdenum	97-1	650	617	583	617	5.41	cps
Molybdenum	98-1	1450	1617	1592	1553	5.79	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	23	13	13	17	34.65	cps
Nickel	60-2	707	790	747	748	5.57	cps
Phosphorus	31-2	225	133	258	206	31.49	cps
Potassium	39-2	100380	100740	99985	100368	0.38	cps
Rhodium	103-1	7373515	7601604	7491939	7489019	1.52	cps
Rhodium	103-2	3214456	3257634	3264897	3245662	0.84	cps
Scandium	45-1	4283822	4593477	4370444	4415914	3.62	cps
Scandium	45-2	161923	162911	160970	161935	0.60	cps
Selenium	77-2	3	10	13	9	57.30	cps
Selenium	78-2	46	43	41	43	6.55	cps
Selenium	82-1	66	-8	87	48	103.45	cps
Silicon	28-1	10990078	11085335	11201948	11092454	0.96	cps
Silver	109-1	2384	2209	1984	2192	9.15	cps
Silver	107-1	2809	2342	1967	2373	17.78	cps
Sodium	23-2	398646	402823	404223	401897	0.72	cps
Strontium	86-1	847567	845512	862056	851712	1.06	cps
Strontium	88-1	7631944	7728579	7843203	7734576	1.37	cps
Sulfur	34-1	420270	423014	431802	425028	1.42	cps
Terbium	159-1	11794396	12125484	12242205	12054028	1.93	cps
Terbium	159-2	5473704	5770160	5559109	5600991	2.72	cps
Thallium	203-1	2600	2184	1800	2195	18.23	cps
Thallium	205-1	5410	4234	3634	4426	20.41	cps
Thorium	232-1	3312	3000	3289	3200	5.42	cps
Tin	118-1	9354	8703	8903	8987	3.71	cps
Titanium	47-1	442	425	508	458	9.62	cps
Uranium	238-1	6177	6302	6235	6238	1.00	cps
Vanadium	51-2	823	723	867	804	9.14	cps
Yttrium	89-1	23826590	24555562	24412320	24264824	1.59	cps
Yttrium	89-2	3060977	3096959	3101140	3086359	0.72	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0411	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:39:36	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5938	5975	5671	5861	2.83	cps
Zirconium	90-1	2459	2042	2250	2250	9.26	cps
Zirconium	91-1	442	475	308	408	21.60	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867	792	717	792	9.47	cps
Antimony	121-1	8386	8887	9187	8820	4.58	cps
Arsenic	75-2	483	404	444	444	8.97	cps
Barium	135-1	34368	33291	34151	33937	1.68	cps
Barium	137-1	59017	61981	60524	60508	2.45	cps
Beryllium	9-1	83	43	57	61	33.33	cps
Bismuth	209-1	7478659	7642643	7691603	7604302	1.47	cps
Bismuth	209-2	4095339	4112781	4099158	4102426	0.22	cps
Boron	10-1	2742	2884	2509	2711	6.99	cps
Boron	11-1	12422	13206	12622	12750	3.19	cps
Cadmium	111-1	4896	4457	4999	4784	6.02	cps
Cadmium	106-1	6877	6285	7027	6730	5.83	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	448088	455510	458311	453970	1.16	cps
Calcium	44-1	7488156	7644092	7707955	7613401	1.49	cps
Chromium	52-2	2664	2457	2247	2456	8.48	cps
Cobalt	59-2	353	450	473	426	14.95	cps
Copper	63-2	4621	4677	4938	4745	3.56	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	13	33	20	22	45.83	cps
Erbium	164-1	108	75	75	86	22.35	cps
Erbium	164-2	77	40	60	59	31.18	cps
Gadolinium	160-1	150	67	83	100	44.10	cps
Gadolinium	160-2	237	167	173	192	20.10	cps
Holmium	165-1	11891525	12081522	12305323	12092790	1.71	cps
Holmium	165-2	6010049	6018320	6033907	6020759	0.20	cps
Indium	115-1	8733644	8921629	8940384	8865219	1.29	cps
Indium	115-2	1607032	1606589	1604857	1606159	0.07	cps
Iron	56-2	85581	87671	85838	86364	1.32	cps
Iron	57-2	4412	4601	4612	4542	2.48	cps
Krypton	83-1	190	230	220	213	9.76	cps
Lead	206-1	2117	2172	1984	2091	4.64	cps
Lead	207-1	1900	1739	2045	1895	8.07	cps
Lead	208-1	7851	7729	7673	7751	1.17	cps
Lithium	6-1	2392897	2420261	2437214	2416790	0.93	cps
Magnesium	24-2	1893221	1891737	1897460	1894139	0.16	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44678	44203	45504	44795	1.47	cps
Molybdenum	94-1	900	850	1042	931	10.68	cps
Molybdenum	95-1	725	650	550	642	13.68	cps
Molybdenum	96-1	825	917	1050	931	12.16	cps
Molybdenum	97-1	433	358	475	422	14.00	cps
Molybdenum	98-1	983	1217	1158	1120	10.85	cps
Neodymium	150-1	53	60	40	51	19.92	cps
Neodymium	150-2	33	10	23	22	52.68	cps
Nickel	60-2	540	537	677	584	13.67	cps
Phosphorus	31-2	58	67	50	58	14.29	cps
Potassium	39-2	95088	91573	93392	93351	1.88	cps
Rhodium	103-1	7483052	7586974	7632210	7567412	1.01	cps
Rhodium	103-2	3279445	3284270	3283945	3282553	0.08	cps
Scandium	45-1	4242337	4308568	4317998	4289634	0.96	cps
Scandium	45-2	163919	162934	163319	163390	0.30	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	54	26	35	38	36.94	cps
Selenium	82-1	103	24	49	59	68.18	cps
Silicon	28-1	10313585	10480237	10593123	10462315	1.34	cps
Silver	109-1	917	1050	1083	1017	8.68	cps
Silver	107-1	1075	1292	1142	1170	9.49	cps
Sodium	23-2	383556	381190	382851	382532	0.32	cps
Strontium	86-1	802264	800612	813377	805417	0.86	cps
Strontium	88-1	7185447	7353907	7401413	7313589	1.55	cps
Sulfur	34-1	407707	413787	417665	413053	1.22	cps
Terbium	159-1	12138637	12384881	12476813	12333444	1.42	cps
Terbium	159-2	5810123	5594030	5848737	5750963	2.39	cps
Thallium	203-1	608	725	733	689	10.15	cps
Thallium	205-1	1150	1092	867	1036	14.44	cps
Thorium	232-1	2317	2195	2345	2285	3.49	cps
Tin	118-1	8128	8044	8161	8111	0.74	cps
Titanium	47-1	350	392	567	436	26.36	cps
Uranium	238-1	6052	6160	5835	6016	2.75	cps
Vanadium	51-2	920	783	940	881	9.68	cps
Yttrium	89-1	24025165	24555872	24674865	24418634	1.42	cps
Yttrium	89-2	3109680	3088720	3112132	3103511	0.41	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0412	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:43:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5014	4924	4704	4881	3.27	cps
Zirconium	90-1	1350	1725	1750	1608	13.93	cps
Zirconium	91-1	242	242	300	261	12.90	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259	2392	2392	2348	3.28	cps
Antimony	121-1	6985	6552	6944	6827	3.50	cps
Arsenic	75-2	241	248	267	252	5.30	cps
Barium	135-1	38379	38086	38922	38463	1.10	cps
Barium	137-1	65689	66417	66099	66068	0.55	cps
Beryllium	9-1	103	80	73	86	18.42	cps
Bismuth	209-1	7570003	7570454	7605285	7581914	0.27	cps
Bismuth	209-2	4068255	4072479	4094698	4078477	0.35	cps
Boron	10-1	1967	1909	1867	1914	2.63	cps
Boron	11-1	8486	8803	8670	8653	1.84	cps
Cadmium	111-1	4613	5124	4896	4878	5.25	cps
Cadmium	106-1	6477	7269	6844	6863	5.78	cps
Cadmium	108-1	29	38	46	38	22.21	cps
Calcium	43-1	639812	648026	642577	643471	0.65	cps
Calcium	44-1	10725546	10929306	10861202	10838685	0.96	cps
Chromium	52-2	2000	1907	1964	1957	2.40	cps
Cobalt	59-2	1753	1640	1907	1767	7.58	cps
Copper	63-2	5298	5128	5091	5172	2.13	cps
Dysprosium	156-1	242	158	283	228	27.94	cps
Dysprosium	156-2	77	87	113	92	20.55	cps
Erbium	164-1	317	225	217	253	21.95	cps
Erbium	164-2	110	137	143	130	13.57	cps
Gadolinium	160-1	217	250	258	242	9.12	cps
Gadolinium	160-2	317	290	280	296	6.41	cps
Holmium	165-1	11938480	11956143	12082189	11992271	0.65	cps
Holmium	165-2	5952355	5945817	5952990	5950387	0.07	cps
Indium	115-1	8711578	8809125	8857536	8792746	0.85	cps
Indium	115-2	1572310	1577643	1584343	1578099	0.38	cps
Iron	56-2	1671372	1672414	1677508	1673765	0.20	cps
Iron	57-2	44457	45321	44903	44893	0.96	cps
Krypton	83-1	200	277	197	224	20.16	cps
Lead	206-1	3062	3445	3367	3291	6.16	cps
Lead	207-1	2767	2812	2723	2767	1.61	cps
Lead	208-1	11752	12586	12014	12117	3.52	cps
Lithium	6-1	2311371	2346192	2324082	2327215	0.76	cps
Magnesium	24-2	722607	726195	729638	726147	0.48	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353627	350984	352243	352284	0.38	cps
Molybdenum	94-1	1250	1283	1433	1322	7.39	cps
Molybdenum	95-1	517	575	558	550	5.46	cps
Molybdenum	96-1	933	775	767	825	11.38	cps
Molybdenum	97-1	358	383	308	350	10.91	cps
Molybdenum	98-1	775	858	858	831	5.79	cps
Neodymium	150-1	287	213	247	249	14.75	cps
Neodymium	150-2	137	100	117	118	15.59	cps
Nickel	60-2	737	807	690	744	7.89	cps
Phosphorus	31-2	192	217	150	186	18.10	cps
Potassium	39-2	96001	96328	96950	96426	0.50	cps
Rhodium	103-1	7395938	7550474	7517755	7488056	1.09	cps
Rhodium	103-2	3209385	3209536	3238246	3219055	0.52	cps
Scandium	45-1	4152838	4199031	4186540	4179470	0.57	cps
Scandium	45-2	158225	156553	158513	157764	0.67	cps
Selenium	77-2	13	13	23	17	34.65	cps
Selenium	78-2	46	50	31	43	23.01	cps
Selenium	82-1	90	-24	119	62	121.86	cps
Silicon	28-1	3057121	3090109	3066849	3071359	0.55	cps
Silver	109-1	1008	750	758	839	17.50	cps
Silver	107-1	858	917	950	908	5.11	cps
Sodium	23-2	324170	322174	322106	322817	0.36	cps
Strontium	86-1	579368	591865	585413	585548	1.07	cps
Strontium	88-1	5239999	5325453	5343999	5303151	1.05	cps
Sulfur	34-1	219991	222708	220878	221192	0.63	cps
Terbium	159-1	12119685	12258982	12444736	12274468	1.33	cps
Terbium	159-2	5473921	5506893	5551528	5510781	0.71	cps
Thallium	203-1	558	525	458	514	9.91	cps
Thallium	205-1	817	783	683	761	9.12	cps
Thorium	232-1	2228	2089	2700	2339	13.70	cps
Tin	118-1	6960	7511	7019	7163	4.22	cps
Titanium	47-1	817	825	967	870	9.70	cps
Uranium	238-1	3459	3726	3559	3581	3.76	cps
Vanadium	51-2	700	727	723	717	2.03	cps
Yttrium	89-1	23974079	24343405	24246064	24187849	0.79	cps
Yttrium	89-2	3011477	3010962	3033155	3018531	0.42	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0413	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:46:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6482	6175	6355	6337	2.43	cps
Zirconium	90-1	3000	2884	2959	2948	2.01	cps
Zirconium	91-1	583	550	725	619	15.00	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16309	16368	16376	16351	0.22	cps
Antimony	121-1	5835	5468	6193	5832	6.22	cps
Arsenic	75-2	293	313	320	309	4.66	cps
Barium	135-1	23729	24690	23329	23916	2.92	cps
Barium	137-1	41831	40953	41780	41521	1.19	cps
Beryllium	9-1	110	100	110	107	5.41	cps
Bismuth	209-1	7546605	7552524	7624251	7574460	0.57	cps
Bismuth	209-2	3989602	4025948	3991840	4002463	0.51	cps
Boron	10-1	1592	1433	1342	1456	8.69	cps
Boron	11-1	6702	6385	7044	6710	4.91	cps
Cadmium	111-1	4944	5102	5047	5031	1.59	cps
Cadmium	106-1	6252	6460	6360	6357	1.64	cps
Cadmium	108-1	88	58	25	57	54.92	cps
Calcium	43-1	285502	284396	284581	284826	0.21	cps
Calcium	44-1	4801919	4809683	4834610	4815404	0.35	cps
Chromium	52-2	3187	3230	3067	3162	2.68	cps
Cobalt	59-2	22441	21997	22484	22307	1.21	cps
Copper	63-2	5898	6181	6015	6031	2.36	cps
Dysprosium	156-1	950	1017	825	931	10.46	cps
Dysprosium	156-2	443	477	407	442	7.92	cps
Erbium	164-1	917	1058	958	978	7.45	cps
Erbium	164-2	430	367	450	416	10.47	cps
Gadolinium	160-1	950	867	983	933	6.44	cps
Gadolinium	160-2	680	633	693	669	4.71	cps
Holmium	165-1	11684372	11874971	11887951	11815765	0.96	cps
Holmium	165-2	5497016	5491518	5468195	5485577	0.28	cps
Indium	115-1	8418408	8577266	8641872	8545849	1.35	cps
Indium	115-2	1501395	1496907	1495676	1497993	0.20	cps
Iron	56-2	2390371	2396687	2378884	2388647	0.38	cps
Iron	57-2	61618	60609	62461	61563	1.51	cps
Krypton	83-1	200	167	200	189	10.19	cps
Lead	206-1	9937	9759	10160	9952	2.02	cps
Lead	207-1	8386	8131	8770	8429	3.82	cps
Lead	208-1	37477	37661	38967	38035	2.14	cps
Lithium	6-1	2191055	2191796	2189232	2190694	0.06	cps
Magnesium	24-2	185703	187018	184624	185782	0.65	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2765336	2766807	2760477	2764207	0.12	cps
Molybdenum	94-1	2659	2934	2734	2775	5.12	cps
Molybdenum	95-1	1125	1008	1367	1167	15.67	cps
Molybdenum	96-1	1734	1400	1617	1583	10.68	cps
Molybdenum	97-1	508	767	558	611	22.42	cps
Molybdenum	98-1	1600	1408	1417	1475	7.34	cps
Neodymium	150-1	953	927	1060	980	7.20	cps
Neodymium	150-2	320	423	370	371	13.93	cps
Nickel	60-2	2577	2517	2534	2542	1.22	cps
Phosphorus	31-2	183	242	242	222	15.16	cps
Potassium	39-2	146600	147031	147862	147164	0.44	cps
Rhodium	103-1	7238585	7271699	7299919	7270067	0.42	cps
Rhodium	103-2	3077691	3085524	3072083	3078433	0.22	cps
Scandium	45-1	3961309	3943663	3962719	3955897	0.27	cps
Scandium	45-2	143696	145842	143968	144502	0.81	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	48	39	50	46	13.03	cps
Selenium	82-1	90	105	83	93	12.22	cps
Silicon	28-1	10164745	10260844	10195033	10206874	0.48	cps
Silver	109-1	725	567	625	639	12.53	cps
Silver	107-1	958	808	717	828	14.74	cps
Sodium	23-2	263839	258162	260025	260676	1.11	cps
Strontium	86-1	195926	196576	195437	195980	0.29	cps
Strontium	88-1	1715350	1722263	1712624	1716746	0.29	cps
Sulfur	34-1	177194	172234	169740	173056	2.19	cps
Terbium	159-1	11919864	12110353	12121216	12050478	0.94	cps
Terbium	159-2	5327594	5308144	5308086	5314608	0.21	cps
Thallium	203-1	450	742	525	572	26.47	cps
Thallium	205-1	950	883	717	850	14.14	cps
Thorium	232-1	3401	3189	3167	3252	3.96	cps
Tin	118-1	6727	7252	7669	7216	6.54	cps
Titanium	47-1	3992	4409	4101	4167	5.19	cps
Uranium	238-1	2509	2684	2650	2614	3.56	cps
Vanadium	51-2	1287	1287	1187	1253	4.61	cps
Yttrium	89-1	23090539	23358996	23479990	23309842	0.86	cps
Yttrium	89-2	2856944	2842856	2844477	2848092	0.27	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:50:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9120	9386	9410	9305	1.73	cps
Zirconium	90-1	6035	5977	9092	7034	25.33	cps
Zirconium	91-1	1275	1342	1492	1370	8.10	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	908	817	872	5.60	cps
Antimony	121-1	6052	6493	6302	6282	3.53	cps
Arsenic	75-2	135	139	135	136	1.57	cps
Barium	135-1	92952	92457	92691	92700	0.27	cps
Barium	137-1	158133	161715	159168	159672	1.15	cps
Beryllium	9-1	83	57	40	60	36.43	cps
Bismuth	209-1	7234644	7358976	7318720	7304113	0.87	cps
Bismuth	209-2	3874099	3894798	3908258	3892385	0.44	cps
Boron	10-1	2325	2734	2534	2531	8.07	cps
Boron	11-1	11613	11972	11496	11694	2.12	cps
Cadmium	111-1	4438	4459	4282	4393	2.21	cps
Cadmium	106-1	6260	6277	6010	6182	2.42	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Calcium	43-1	2100842	2125705	2105848	2110799	0.62	cps
Calcium	44-1	35319706	35682959	35769738	35590801	0.67	cps
Chromium	52-2	1837	1790	2017	1881	6.36	cps
Cobalt	59-2	640	673	653	656	2.56	cps
Copper	63-2	3911	3661	3751	3774	3.36	cps
Dysprosium	156-1	33	83	83	67	43.31	cps
Dysprosium	156-2	40	53	60	51	19.92	cps
Erbium	164-1	117	117	100	111	8.66	cps
Erbium	164-2	77	117	50	81	41.37	cps
Gadolinium	160-1	133	117	83	111	22.91	cps
Gadolinium	160-2	237	187	187	203	14.20	cps
Holmium	165-1	11842658	12079038	12095508	12005734	1.18	cps
Holmium	165-2	5548528	5903204	5642311	5698014	3.23	cps
Indium	115-1	8579195	8710605	8680799	8656866	0.80	cps
Indium	115-2	1522934	1534001	1547096	1534677	0.79	cps
Iron	56-2	293867	298986	298545	297133	0.95	cps
Iron	57-2	17527	18028	18412	17989	2.47	cps
Krypton	83-1	287	250	247	261	8.50	cps
Lead	206-1	1750	1867	1895	1837	4.17	cps
Lead	207-1	1689	1567	1672	1643	4.04	cps
Lead	208-1	6929	6884	6901	6905	0.32	cps
Lithium	6-1	2235989	2255679	2255484	2249051	0.50	cps
Magnesium	24-2	1870704	1883346	1897036	1883695	0.70	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	459969	463105	467004	463359	0.76	cps
Molybdenum	94-1	933	958	1150	1014	11.69	cps
Molybdenum	95-1	717	800	1000	839	17.36	cps
Molybdenum	96-1	883	917	900	900	1.85	cps
Molybdenum	97-1	550	500	442	497	10.90	cps
Molybdenum	98-1	1217	908	1292	1139	17.84	cps
Neodymium	150-1	47	107	60	71	44.30	cps
Neodymium	150-2	30	40	20	30	33.33	cps
Nickel	60-2	337	297	293	309	7.81	cps
Phosphorus	31-2	58	108	108	92	31.49	cps
Potassium	39-2	114489	116103	116909	115834	1.06	cps
Rhodium	103-1	7171008	7262610	7271313	7234977	0.77	cps
Rhodium	103-2	3049438	3089755	3089002	3076065	0.75	cps
Scandium	45-1	4071711	4099442	4090781	4087311	0.35	cps
Scandium	45-2	151303	152074	153246	152208	0.64	cps
Selenium	77-2	0	17	17	11	86.60	cps
Selenium	78-2	41	52	33	42	22.21	cps
Selenium	82-1	27	46	39	37	26.17	cps
Silicon	28-1	15773974	16009224	15855514	15879571	0.75	cps
Silver	109-1	517	525	533	525	1.59	cps
Silver	107-1	700	625	708	678	6.77	cps
Sodium	23-2	13182659	13299561	13365927	13282715	0.70	cps
Strontium	86-1	1786459	1804559	1801844	1797620	0.54	cps
Strontium	88-1	16229199	16463992	16505920	16399703	0.91	cps
Sulfur	34-1	319023	319241	312899	317054	1.14	cps
Terbium	159-1	12208006	12334904	12397024	12313311	0.78	cps
Terbium	159-2	5386768	5459353	5506995	5451039	1.11	cps
Thallium	203-1	400	483	392	425	11.93	cps
Thallium	205-1	708	700	550	653	13.65	cps
Thorium	232-1	1878	1739	3430	2349	39.96	cps
Tin	118-1	5968	6335	6518	6274	4.47	cps
Titanium	47-1	1251	850	775	959	26.70	cps
Uranium	238-1	20867	20484	21252	20868	1.84	cps
Vanadium	51-2	700	617	740	686	9.18	cps
Yttrium	89-1	23605537	23892090	23926427	23808018	0.74	cps
Yttrium	89-2	2922233	2963529	2965196	2950319	0.82	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-01	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0310	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:54:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4287	4407	4411	4369	1.61	cps
Zirconium	90-1	1567	1809	1709	1695	7.17	cps
Zirconium	91-1	258	308	417	328	24.69	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	300	367	331	10.19	cps
Antimony	121-1	7211	7211	7452	7291	1.91	cps
Arsenic	75-2	104	102	100	102	1.82	cps
Barium	135-1	48695	49364	49530	49196	0.90	cps
Barium	137-1	83911	85144	84163	84406	0.77	cps
Beryllium	9-1	47	73	47	56	27.71	cps
Bismuth	209-1	7250126	7402491	7397387	7350001	1.18	cps
Bismuth	209-2	3944921	3925214	3934019	3934718	0.25	cps
Boron	10-1	3017	2800	2917	2912	3.73	cps
Boron	11-1	13206	12981	13932	13373	3.72	cps
Cadmium	111-1	4074	4075	4117	4089	0.59	cps
Cadmium	106-1	5776	5710	5818	5768	0.95	cps
Cadmium	108-1	33	25	8	22	57.29	cps
Calcium	43-1	1337656	1347012	1350594	1345087	0.50	cps
Calcium	44-1	22559866	22726134	22802385	22696129	0.55	cps
Chromium	52-2	2130	1987	2234	2117	5.85	cps
Cobalt	59-2	167	140	123	143	15.25	cps
Copper	63-2	3194	3420	3280	3298	3.47	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	30	43	33	36	19.51	cps
Erbium	164-1	92	158	108	119	29.05	cps
Erbium	164-2	73	83	77	78	6.55	cps
Gadolinium	160-1	83	108	167	119	35.80	cps
Gadolinium	160-2	193	187	193	191	2.01	cps
Holmium	165-1	11599893	11818487	11889397	11769259	1.28	cps
Holmium	165-2	5561355	5495044	5461784	5506061	0.92	cps
Indium	115-1	8341504	8533364	8546026	8473631	1.35	cps
Indium	115-2	1517206	1499495	1501764	1506155	0.64	cps
Iron	56-2	22022	21249	21555	21609	1.80	cps
Iron	57-2	6685	7041	7158	6961	3.54	cps
Krypton	83-1	213	207	267	229	14.37	cps
Lead	206-1	1400	1278	1222	1300	7.00	cps
Lead	207-1	1228	1295	1350	1291	4.74	cps
Lead	208-1	5201	5117	5134	5151	0.86	cps
Lithium	6-1	2133345	2162019	2161758	2152374	0.77	cps
Magnesium	24-2	983812	960468	964305	969528	1.29	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6935	7172	7172	7093	1.93	cps
Molybdenum	94-1	575	725	608	636	12.38	cps
Molybdenum	95-1	700	625	550	625	12.00	cps
Molybdenum	96-1	725	725	733	728	0.66	cps
Molybdenum	97-1	417	542	308	422	27.66	cps
Molybdenum	98-1	842	1000	1083	975	12.59	cps
Neodymium	150-1	73	80	73	76	5.09	cps
Neodymium	150-2	23	43	27	31	34.44	cps
Nickel	60-2	153	200	143	166	18.27	cps
Phosphorus	31-2	58	33	50	47	26.97	cps
Potassium	39-2	86133	82740	84340	84404	2.01	cps
Rhodium	103-1	6988718	7163172	7174609	7108833	1.47	cps
Rhodium	103-2	3076263	3046673	3042433	3055123	0.60	cps
Scandium	45-1	3883962	3954423	3952562	3930316	1.02	cps
Scandium	45-2	148599	145698	147105	147134	0.99	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	26	33	30	30	12.49	cps
Selenium	82-1	25	72	-6	30	130.18	cps
Silicon	28-1	14328679	14492975	14428028	14416561	0.57	cps
Silver	109-1	508	700	525	578	18.38	cps
Silver	107-1	658	642	692	664	3.83	cps
Sodium	23-2	1940209	1905147	1906952	1917436	1.03	cps
Strontium	86-1	1017191	1026689	1031471	1025117	0.71	cps
Strontium	88-1	9390027	9359973	9452801	9400934	0.50	cps
Sulfur	34-1	275282	275985	274765	275344	0.22	cps
Terbium	159-1	11806024	12129224	12133664	12022971	1.56	cps
Terbium	159-2	5388951	5348297	5349412	5362220	0.43	cps
Thallium	203-1	317	442	325	361	19.35	cps
Thallium	205-1	733	667	567	656	12.80	cps
Thorium	232-1	1906	1711	1961	1859	7.06	cps
Tin	118-1	5735	5843	6452	6010	6.43	cps
Titanium	47-1	658	575	583	606	7.58	cps
Uranium	238-1	15660	16319	16061	16013	2.07	cps
Vanadium	51-2	607	597	587	597	1.68	cps
Yttrium	89-1	22883172	23220818	23378573	23160854	1.09	cps
Yttrium	89-2	2901462	2874983	2877319	2884588	0.51	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-02	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0321	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 16:57:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2927	2770	2924	2874	3.12	cps
Zirconium	90-1	892	1008	1075	992	9.36	cps
Zirconium	91-1	192	192	192	192	0.00	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1358	1375	1345	2.93	cps
Antimony	121-1	7077	7319	7619	7338	3.70	cps
Arsenic	75-2	119	115	113	115	2.45	cps
Barium	135-1	43653	43343	44163	43720	0.95	cps
Barium	137-1	75982	75498	76813	76098	0.87	cps
Beryllium	9-1	70	93	47	70	33.33	cps
Bismuth	209-1	7244920	7282984	7336473	7288126	0.63	cps
Bismuth	209-2	3910130	3945889	3981216	3945745	0.90	cps
Boron	10-1	2509	2675	2900	2695	7.30	cps
Boron	11-1	12931	12739	13373	13014	2.50	cps
Cadmium	111-1	4166	4202	4517	4295	4.51	cps
Cadmium	106-1	5876	5951	6385	6071	4.52	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	1245191	1253822	1255798	1251604	0.45	cps
Calcium	44-1	21042236	21239631	21084497	21122121	0.49	cps
Chromium	52-2	1740	2007	2090	1946	9.40	cps
Cobalt	59-2	220	193	210	208	6.48	cps
Copper	63-2	3310	3084	3167	3187	3.60	cps
Dysprosium	156-1	50	58	58	56	8.67	cps
Dysprosium	156-2	33	53	33	40	28.87	cps
Erbium	164-1	67	108	167	114	44.10	cps
Erbium	164-2	83	60	73	72	16.21	cps
Gadolinium	160-1	83	33	75	64	41.93	cps
Gadolinium	160-2	207	193	193	198	3.89	cps
Holmium	165-1	11508823	11733269	11773056	11671716	1.22	cps
Holmium	165-2	5489036	5530025	5568887	5529316	0.72	cps
Indium	115-1	8294925	8427977	8395397	8372766	0.83	cps
Indium	115-2	1487848	1511623	1517659	1505710	1.05	cps
Iron	56-2	42925	42551	43520	42999	1.14	cps
Iron	57-2	7385	6913	7113	7137	3.32	cps
Krypton	83-1	197	227	213	212	7.08	cps
Lead	206-1	1572	1600	1695	1622	3.95	cps
Lead	207-1	1533	1545	1472	1517	2.56	cps
Lead	208-1	6056	6151	6434	6214	3.16	cps
Lithium	6-1	2077879	2095320	2089950	2087716	0.43	cps
Magnesium	24-2	964546	965973	977422	969314	0.73	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18515	18549	18839	18634	0.96	cps
Molybdenum	94-1	850	792	775	806	4.89	cps
Molybdenum	95-1	542	517	750	603	21.25	cps
Molybdenum	96-1	925	858	1008	931	8.08	cps
Molybdenum	97-1	433	433	467	444	4.33	cps
Molybdenum	98-1	1275	1142	1158	1192	6.10	cps
Neodymium	150-1	100	100	47	82	37.45	cps
Neodymium	150-2	37	37	33	36	5.42	cps
Nickel	60-2	170	157	190	172	9.74	cps
Phosphorus	31-2	58	75	58	64	15.05	cps
Potassium	39-2	87910	89285	89629	88941	1.02	cps
Rhodium	103-1	6897378	7070663	7038089	7002043	1.32	cps
Rhodium	103-2	3008955	3064310	3077778	3050348	1.20	cps
Scandium	45-1	3803598	3858206	3833672	3831825	0.71	cps
Scandium	45-2	145173	145742	148095	146337	1.06	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	17	28	30	25	28.39	cps
Selenium	82-1	51	12	56	40	61.47	cps
Silicon	28-1	12920871	12967984	12933618	12940824	0.19	cps
Silver	109-1	592	658	483	578	15.29	cps
Silver	107-1	683	700	725	703	2.98	cps
Sodium	23-2	1730355	1737264	1749903	1739174	0.57	cps
Strontium	86-1	975834	986578	982664	981692	0.55	cps
Strontium	88-1	8917007	9046437	9041694	9001713	0.82	cps
Sulfur	34-1	267145	266348	264194	265896	0.57	cps
Terbium	159-1	11755298	11971598	11926638	11884511	0.96	cps
Terbium	159-2	5306690	5367231	5373615	5349178	0.69	cps
Thallium	203-1	367	342	433	381	12.45	cps
Thallium	205-1	550	567	533	550	3.03	cps
Thorium	232-1	1767	1834	1811	1804	1.88	cps
Tin	118-1	5810	5993	6410	6071	5.07	cps
Titanium	47-1	675	575	567	606	9.96	cps
Uranium	238-1	15735	15744	15377	15619	1.34	cps
Vanadium	51-2	590	643	647	627	5.07	cps
Yttrium	89-1	22446693	22927615	22951371	22775227	1.25	cps
Yttrium	89-2	2843271	2869094	2881190	2864518	0.68	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-03	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0322	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:01:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3014	3070	2944	3009	2.11	cps
Zirconium	90-1	1083	1058	992	1045	4.54	cps
Zirconium	91-1	167	217	300	228	29.57	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5985	5776	5785	5849	2.02	cps
Antimony	121-1	7444	7886	8028	7786	3.91	cps
Arsenic	75-2	100	117	117	111	8.66	cps
Barium	135-1	49657	48787	49581	49342	0.98	cps
Barium	137-1	87375	86804	86988	87055	0.33	cps
Beryllium	9-1	67	60	57	61	8.33	cps
Bismuth	209-1	7490576	7490660	7558425	7513220	0.52	cps
Bismuth	209-2	3959124	3913556	3958365	3943681	0.66	cps
Boron	10-1	2942	2842	2834	2873	2.10	cps
Boron	11-1	12672	13707	12981	13120	4.05	cps
Cadmium	111-1	4416	4407	4478	4434	0.87	cps
Cadmium	106-1	6268	6227	6335	6277	0.87	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	1313161	1320566	1332174	1321967	0.72	cps
Calcium	44-1	22172383	22324641	22495361	22330795	0.72	cps
Chromium	52-2	2857	2827	2977	2887	2.75	cps
Cobalt	59-2	330	383	333	349	8.56	cps
Copper	63-2	3550	3667	3677	3632	1.94	cps
Dysprosium	156-1	700	667	675	681	2.55	cps
Dysprosium	156-2	360	313	290	321	11.10	cps
Erbium	164-1	533	658	558	583	11.34	cps
Erbium	164-2	343	287	310	313	9.09	cps
Gadolinium	160-1	725	742	592	686	11.98	cps
Gadolinium	160-2	517	480	477	491	4.52	cps
Holmium	165-1	11878236	11953413	12137148	11989599	1.11	cps
Holmium	165-2	5600106	5529937	5560831	5563625	0.63	cps
Indium	115-1	8492640	8554146	8658748	8568512	0.98	cps
Indium	115-2	1515689	1487304	1496493	1499829	0.97	cps
Iron	56-2	190772	191239	194093	192035	0.94	cps
Iron	57-2	10965	11260	11199	11142	1.40	cps
Krypton	83-1	227	180	217	208	11.83	cps
Lead	206-1	3112	2817	2784	2904	6.21	cps
Lead	207-1	2561	2573	2423	2519	3.32	cps
Lead	208-1	11374	10780	10735	10963	3.25	cps
Lithium	6-1	2109436	2118532	2138919	2122296	0.71	cps
Magnesium	24-2	939159	946296	956755	947403	0.93	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8806	8916	8923	8882	0.74	cps
Molybdenum	94-1	808	800	975	861	11.47	cps
Molybdenum	95-1	492	692	558	581	17.54	cps
Molybdenum	96-1	775	817	750	781	4.31	cps
Molybdenum	97-1	333	333	417	361	13.32	cps
Molybdenum	98-1	925	1033	892	950	7.80	cps
Neodymium	150-1	927	933	733	864	13.14	cps
Neodymium	150-2	317	307	337	320	4.77	cps
Nickel	60-2	427	340	380	382	11.35	cps
Phosphorus	31-2	133	75	100	103	28.48	cps
Potassium	39-2	85631	83930	86913	85491	1.75	cps
Rhodium	103-1	7181438	7123173	7219327	7174646	0.68	cps
Rhodium	103-2	3059189	3016309	3044901	3040133	0.72	cps
Scandium	45-1	3894389	3865193	3949275	3902952	1.09	cps
Scandium	45-2	147351	142238	144994	144861	1.77	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	31	37	35	35	8.19	cps
Selenium	82-1	21	52	52	42	42.33	cps
Silicon	28-1	14510219	14468828	14648840	14542629	0.65	cps
Silver	109-1	558	567	500	542	6.71	cps
Silver	107-1	558	517	500	525	5.72	cps
Sodium	23-2	1935133	1945869	1955088	1945363	0.51	cps
Strontium	86-1	1004371	1009599	1009409	1007793	0.29	cps
Strontium	88-1	9221599	9267056	9330730	9273128	0.59	cps
Sulfur	34-1	277319	276606	276198	276708	0.21	cps
Terbium	159-1	12161884	12155798	12360812	12226165	0.95	cps
Terbium	159-2	5426883	5303647	5352443	5360991	1.16	cps
Thallium	203-1	483	475	417	458	7.93	cps
Thallium	205-1	600	717	433	583	24.41	cps
Thorium	232-1	2256	2095	2323	2224	5.27	cps
Tin	118-1	5351	6093	6210	5885	7.91	cps
Titanium	47-1	1600	1609	1684	1631	2.82	cps
Uranium	238-1	16870	16878	17179	16976	1.04	cps
Vanadium	51-2	790	770	720	760	4.74	cps
Yttrium	89-1	23158800	23251923	23431995	23280906	0.60	cps
Yttrium	89-2	2884251	2813167	2855468	2850962	1.25	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4019-04	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0333	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:04:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5048	4791	5208	5015	4.19	cps
Zirconium	90-1	1433	1308	1208	1317	8.56	cps
Zirconium	91-1	292	250	283	275	8.02	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3659	3159	3434	3417	7.33	cps
Antimony	121-1	2225	2209	2009	2147	5.62	cps
Arsenic	75-2	65	70	56	64	11.77	cps
Barium	135-1	4976	5143	4459	4859	7.33	cps
Barium	137-1	8495	8086	8111	8231	2.78	cps
Beryllium	9-1	63	57	73	64	13.01	cps
Bismuth	209-1	7785737	7755876	7802504	7781372	0.30	cps
Bismuth	209-2	4120589	4107035	4180816	4136147	0.95	cps
Boron	10-1	708	650	725	694	5.67	cps
Boron	11-1	3234	3217	3367	3273	2.51	cps
Cadmium	111-1	4865	4926	4944	4912	0.84	cps
Cadmium	106-1	6769	6810	6852	6810	0.61	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	58575	56944	56743	57421	1.75	cps
Calcium	44-1	951180	940273	935006	942153	0.88	cps
Chromium	52-2	770	817	787	791	2.99	cps
Cobalt	59-2	4774	4371	4567	4571	4.41	cps
Copper	63-2	1817	1853	1843	1838	1.03	cps
Dysprosium	156-1	258	175	225	219	19.11	cps
Dysprosium	156-2	113	73	100	96	21.32	cps
Erbium	164-1	200	200	208	203	2.37	cps
Erbium	164-2	133	127	140	133	5.00	cps
Gadolinium	160-1	192	225	183	200	11.02	cps
Gadolinium	160-2	267	240	250	252	5.34	cps
Holmium	165-1	12167806	12183946	12156322	12169358	0.11	cps
Holmium	165-2	5903644	5552366	5973007	5809672	3.88	cps
Indium	115-1	8846049	8802029	8798143	8815407	0.30	cps
Indium	115-2	1555909	1544972	1574928	1558603	0.97	cps
Iron	56-2	491363	486568	493219	490384	0.70	cps
Iron	57-2	12294	12839	12556	12563	2.17	cps
Krypton	83-1	217	250	193	220	12.95	cps
Lead	206-1	2784	2695	2584	2687	3.73	cps
Lead	207-1	2317	2389	2384	2363	1.70	cps
Lead	208-1	10352	10063	9991	10135	1.89	cps
Lithium	6-1	2201932	2185145	2193523	2193534	0.38	cps
Magnesium	24-2	37506	37172	38316	37665	1.56	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	568911	559722	572604	567079	1.17	cps
Molybdenum	94-1	875	642	833	783	15.89	cps
Molybdenum	95-1	350	217	283	283	23.53	cps
Molybdenum	96-1	350	375	375	367	3.94	cps
Molybdenum	97-1	125	192	217	178	26.65	cps
Molybdenum	98-1	358	275	367	333	15.21	cps
Neodymium	150-1	247	213	140	200	27.28	cps
Neodymium	150-2	87	67	93	82	16.88	cps
Nickel	60-2	513	503	610	542	10.87	cps
Phosphorus	31-2	100	58	92	83	26.46	cps
Potassium	39-2	35803	35886	37047	36245	1.92	cps
Rhodium	103-1	7485848	7505052	7482229	7491043	0.16	cps
Rhodium	103-2	3145379	3129026	3187500	3153968	0.96	cps
Scandium	45-1	4076112	4013401	4007145	4032219	0.95	cps
Scandium	45-2	150242	148754	151531	150176	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	31	33	34	8.34	cps
Selenium	82-1	7	-19	33	7	383.37	cps
Silicon	28-1	2127586	2098844	2108396	2111609	0.69	cps
Silver	109-1	342	275	217	278	22.52	cps
Silver	107-1	308	417	333	353	16.08	cps
Sodium	23-2	62799	63619	63669	63362	0.77	cps
Strontium	86-1	39180	39464	39163	39269	0.43	cps
Strontium	88-1	349332	345813	345864	347003	0.58	cps
Sulfur	34-1	174189	171728	171417	172445	0.88	cps
Terbium	159-1	12443431	12335484	12278107	12352341	0.68	cps
Terbium	159-2	5459835	5432109	5488949	5460298	0.52	cps
Thallium	203-1	350	308	475	378	22.96	cps
Thallium	205-1	592	492	533	539	9.32	cps
Thorium	232-1	2206	2078	2084	2122	3.40	cps
Tin	118-1	1575	1617	1342	1511	9.81	cps
Titanium	47-1	875	925	742	847	11.19	cps
Uranium	238-1	2242	2217	2150	2203	2.15	cps
Vanadium	51-2	337	300	387	341	12.75	cps
Yttrium	89-1	23782780	23652024	23698192	23710999	0.28	cps
Yttrium	89-2	2939869	2901885	2961853	2934535	1.03	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	K4018-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SU19-MSW0414DL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-05 17:08:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2067	2070	2134	2090	1.80	cps
Zirconium	90-1	1975	1742	1675	1797	8.77	cps
Zirconium	91-1	317	392	325	344	11.93	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2695236	2668045	2677157	2680146	0.52	cps
Antimony	121-1	3940934	3903158	3868116	3904070	0.93	cps
Arsenic	75-2	108320	107717	108252	108096	0.31	cps
Barium	135-1	4812746	4759944	4761161	4777950	0.63	cps
Barium	137-1	8810025	8779304	8734188	8774506	0.43	cps
Beryllium	9-1	717989	718230	699754	711991	1.49	cps
Bismuth	209-1	6688932	6687580	6620908	6665807	0.58	cps
Bismuth	209-2	3651059	3759169	3801642	3737290	2.08	cps
Boron	10-1	102176	106254	104929	104453	1.99	cps
Boron	11-1	465533	474406	479560	473166	1.50	cps
Cadmium	111-1	1181734	1176579	1161192	1173168	0.91	cps
Cadmium	106-1	130126	128833	128057	129005	0.81	cps
Cadmium	108-1	87011	85527	85388	85975	1.05	cps
Calcium	43-1	5008073	5005532	4937086	4983563	0.81	cps
Calcium	44-1	81564021	80731458	79737118	80677532	1.13	cps
Chromium	52-2	810561	809851	809082	809831	0.09	cps
Cobalt	59-2	1343308	1329200	1330563	1334357	0.58	cps
Copper	63-2	2097294	2078559	2094217	2090023	0.48	cps
Dysprosium	156-1	142	117	117	125	11.55	cps
Dysprosium	156-2	93	103	153	117	27.55	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	50	43	70	54	25.49	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	203	210	217	210	3.17	cps
Holmium	165-1	11608690	11687330	11448672	11581564	1.05	cps
Holmium	165-2	5600859	6071144	6117425	5929809	4.82	cps
Indium	115-1	7992610	8011768	7940238	7981539	0.46	cps
Indium	115-2	1496145	1544301	1566570	1535672	2.34	cps
Iron	56-2	177935315	176918504	176719621	177191147	0.37	cps
Iron	57-2	4316830	4273434	4274566	4288277	0.58	cps
Krypton	83-1	183	203	190	192	5.30	cps
Lead	206-1	3253043	3292188	3225026	3256752	1.04	cps
Lead	207-1	2832014	2838485	2777885	2816128	1.18	cps
Lead	208-1	13270672	13324638	13098964	13231425	0.89	cps
Lithium	6-1	2260325	2252752	2230188	2247755	0.70	cps
Magnesium	24-2	29494419	29340474	29465370	29433421	0.28	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1049955	1042477	1035689	1042707	0.68	cps
Molybdenum	94-1	7894510	7810072	7717965	7807515	1.13	cps
Molybdenum	95-1	9762796	9689596	9577489	9676627	0.96	cps
Molybdenum	96-1	10910133	10835941	10729987	10825354	0.84	cps
Molybdenum	97-1	6175472	6127118	6069377	6123989	0.87	cps
Molybdenum	98-1	15797881	15643119	15572139	15671046	0.74	cps
Neodymium	150-1	387	380	373	380	1.75	cps
Neodymium	150-2	70	67	77	71	7.16	cps
Nickel	60-2	338763	336665	337367	337598	0.32	cps
Phosphorus	31-2	27919	29138	27267	28108	3.38	cps
Potassium	39-2	14868439	14765048	14778669	14804052	0.38	cps
Rhodium	103-1	6585924	6567957	6504913	6552931	0.65	cps
Rhodium	103-2	2855330	2946121	2979680	2927044	2.20	cps
Scandium	45-1	4081415	4043428	4002793	4042545	0.97	cps
Scandium	45-2	157628	162004	163787	161140	1.97	cps
Selenium	77-2	3220	3000	3074	3098	3.62	cps
Selenium	78-2	11010	10691	10761	10821	1.55	cps
Selenium	82-1	75034	75246	73128	74469	1.57	cps
Silicon	28-1	2100364	2108162	2104198	2104241	0.19	cps
Silver	109-1	4868150	4832119	4778842	4826371	0.93	cps
Silver	107-1	5040106	5020579	4944014	5001566	1.02	cps
Sodium	23-2	56300151	55926305	55936455	56054304	0.38	cps
Strontium	86-1	1162779	1145961	1134682	1147808	1.23	cps
Strontium	88-1	10609053	10531336	10449510	10529966	0.76	cps
Sulfur	34-1	507187	501208	491495	499963	1.58	cps
Terbium	159-1	11747746	11814246	11621849	11727947	0.83	cps
Terbium	159-2	5434200	5802902	5897318	5711473	4.28	cps
Thallium	203-1	4068181	4074331	4020648	4054387	0.72	cps
Thallium	205-1	10119029	10231658	10019972	10123553	1.05	cps
Thorium	232-1	14678884	14638641	14462916	14593480	0.79	cps
Tin	118-1	3236783	3184122	3175913	3198939	1.03	cps
Titanium	47-1	2150573	2131399	2112931	2131635	0.88	cps
Uranium	238-1	14111098	14099771	13987493	14066121	0.49	cps
Vanadium	51-2	653863	652770	652882	653172	0.09	cps
Yttrium	89-1	22848263	22783553	22520386	22717401	0.76	cps
Yttrium	89-2	2981560	3060990	3108716	3050422	2.11	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:19:25	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	372669	369390	371482	371180	0.45	cps
Zirconium	90-1	6338519	6279789	6209555	6275954	1.03	cps
Zirconium	91-1	1349131	1337846	1322050	1336342	1.02	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	100	83	89	10.83	cps
Antimony	121-1	1125	1333	1325	1261	9.35	cps
Arsenic	75-2	9	4	4	6	57.80	cps
Barium	135-1	117	108	75	100	22.05	cps
Barium	137-1	225	250	150	208	24.98	cps
Beryllium	9-1	80	93	100	91	11.18	cps
Bismuth	209-1	7166333	7097977	7109921	7124744	0.51	cps
Bismuth	209-2	4025438	3983714	4009037	4006063	0.52	cps
Boron	10-1	1442	1267	1208	1306	9.30	cps
Boron	11-1	6360	6035	5851	6082	4.23	cps
Cadmium	111-1	4201	4585	4548	4445	4.76	cps
Cadmium	106-1	5926	6468	6393	6263	4.69	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	242	242	167	217	19.99	cps
Calcium	44-1	8887	9112	8821	8940	1.71	cps
Chromium	52-2	343	307	320	323	5.74	cps
Cobalt	59-2	23	20	37	27	33.08	cps
Copper	63-2	560	557	563	560	0.59	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	75	75	42	64	30.12	cps
Erbium	164-2	63	40	60	54	23.18	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	133	193	183	170	18.91	cps
Holmium	165-1	11344203	11424711	11347053	11371989	0.40	cps
Holmium	165-2	5641468	5922723	5917671	5827287	2.76	cps
Indium	115-1	8649373	8660684	8627913	8645990	0.19	cps
Indium	115-2	1656185	1656418	1660037	1657547	0.13	cps
Iron	56-2	5279	5107	5012	5133	2.64	cps
Iron	57-2	239	194	200	211	11.47	cps
Krypton	83-1	123	210	170	168	25.85	cps
Lead	206-1	867	867	867	867	0.00	cps
Lead	207-1	672	795	867	778	12.64	cps
Lead	208-1	3006	3100	2995	3034	1.91	cps
Lithium	6-1	2323207	2310648	2309651	2314502	0.33	cps
Magnesium	24-2	450	408	642	500	24.89	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	30	37	44	43.95	cps
Molybdenum	94-1	725	650	567	647	12.24	cps
Molybdenum	95-1	558	408	367	444	22.68	cps
Molybdenum	96-1	633	667	542	614	10.54	cps
Molybdenum	97-1	308	242	250	267	13.62	cps
Molybdenum	98-1	858	575	683	706	20.26	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	30	10	37	26	54.31	cps
Phosphorus	31-2	58	33	33	42	34.65	cps
Potassium	39-2	9045	9053	9395	9164	2.18	cps
Rhodium	103-1	7512826	7501129	7495366	7503107	0.12	cps
Rhodium	103-2	3308313	3326225	3314818	3316452	0.27	cps
Scandium	45-1	4494639	4233984	4242108	4323577	3.43	cps
Scandium	45-2	166072	166213	166557	166281	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	33	33	35	9.12	cps
Selenium	82-1	140	53	60	84	57.37	cps
Silicon	28-1	81011	79947	80886	80614	0.72	cps
Silver	109-1	442	367	392	400	9.55	cps
Silver	107-1	558	533	508	533	4.69	cps
Sodium	23-2	6777	6735	6869	6793	1.00	cps
Strontium	86-1	400	408	408	406	1.19	cps
Strontium	88-1	642	525	467	544	16.37	cps
Sulfur	34-1	175228	174358	172564	174050	0.78	cps
Terbium	159-1	11670524	11646897	11640949	11652790	0.13	cps
Terbium	159-2	5486581	5513297	5484100	5494659	0.29	cps
Thallium	203-1	550	658	633	614	9.24	cps
Thallium	205-1	1200	1008	1008	1072	10.32	cps
Thorium	232-1	2317	2406	2919	2547	12.75	cps
Tin	118-1	967	858	958	928	6.50	cps
Titanium	47-1	100	67	100	89	21.65	cps
Uranium	238-1	2425	2484	2234	2381	5.50	cps
Vanadium	51-2	10	17	20	16	32.73	cps
Yttrium	89-1	24048481	23810438	23835380	23898100	0.55	cps
Yttrium	89-2	3163475	3163530	3164594	3163867	0.02	cps

LB Number :	LB104443	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-08-05 17:35:07	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	267	240	203	237	13.43	cps
Zirconium	90-1	1000	1158	950	1036	10.50	cps
Zirconium	91-1	150	275	275	233	30.93	cps