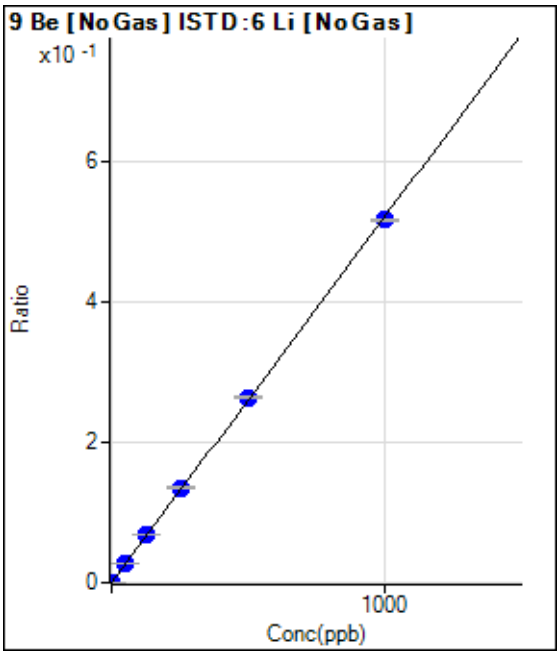
Batch Folder: D:\ICP-MS Data\P7081519-MS.b\
Analysis File: P7081519-MS.batch.bin
DA Date-Time: 2019-08-15 15:31:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

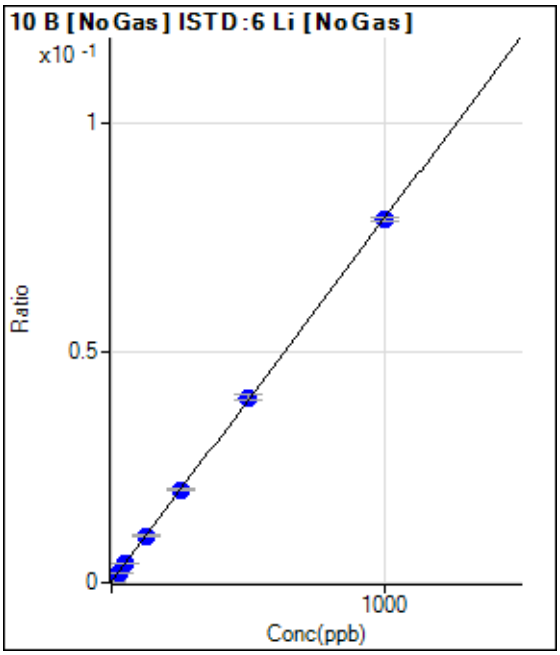
Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-15 12:39:46
2	003CALS.d	S02	2019-08-15 12:43:22
3	004CALS.d	S03	2019-08-15 12:47:31
4	005CALS.d	S04	2019-08-15 12:51:28
5	006CALS.d	S05	2019-08-15 12:55:21
6	007CALS.d	S06	2019-08-15 12:59:10
7	008CALS.d	S07	2019-08-15 13:02:59
8	009CALS.d	S08	2019-08-15 13:06:45



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	10.6
2	☐	1.000	1.079	1574.55	0.0006	P	7.7
3	☐	50.000	53.235	74300.52	0.0278	P	0.5
4	☐	125.000	132.525	183665.74	0.0692	P	0.7
5	☐	250.000	259.709	349048.56	0.1355	P	0.8
6	☐	500.000	507.383	673037.07	0.2647	P	0.7
7	☐	1000.000	992.779	1282422.33	0.5179	P	0.3
8	☐			368.90	0.0002	P	27.3

y = 5.2165E-004 * x + 2.4009E-005
R = 0.9999
DL = 0.01465
BEC = 0.04603

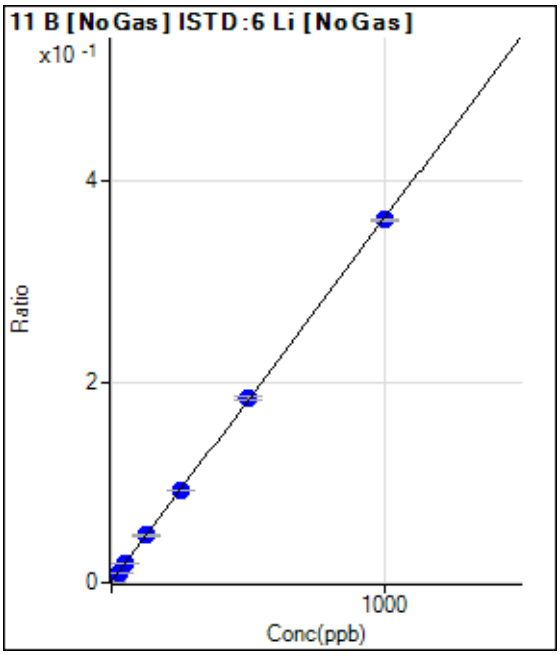
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.36	0.0002	P	13.6
2	☐	25.000	24.320	5676.31	0.0021	P	5.8
3	☐	50.000	50.692	11226.84	0.0042	P	3.2
4	☐	125.000	126.855	27125.23	0.0102	P	3.2
5	☐	250.000	253.817	52143.49	0.0202	P	1.0
6	☐	500.000	506.299	102160.72	0.0402	P	3.1
7	☐	1000.000	995.647	195197.63	0.0788	P	1.0
8	☐			9953.70	0.0042	P	12.1

y = 7.8979E-005 * x + 1.9615E-004
R = 1.0000
DL = 1.013
BEC = 2.484

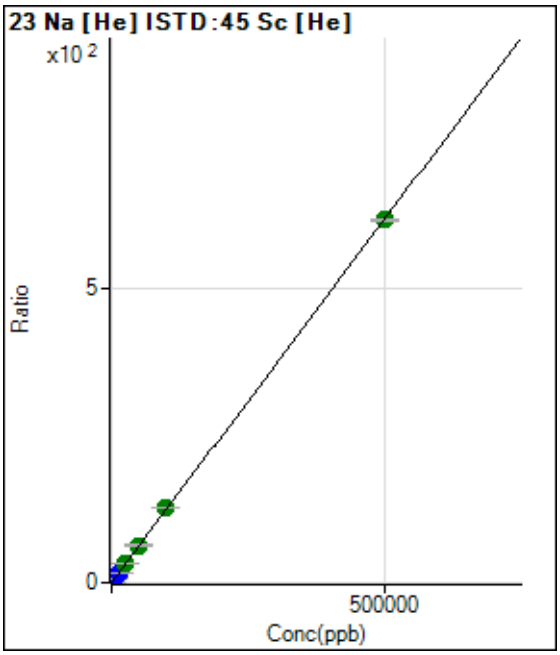
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2472.53	0.0010	P	3.5
2	☐	25.000	23.648	25541.84	0.0095	P	2.2
3	☐	50.000	50.752	51725.78	0.0193	P	1.5
4	☐	125.000	127.563	125319.82	0.0472	P	1.2
5	☐	250.000	251.581	237348.05	0.0921	P	0.1
6	☐	500.000	507.414	470020.92	0.1849	P	2.0
7	☐	1000.000	995.574	895858.77	0.3618	P	0.6
8	☐			44238.51	0.0185	P	7.3

y = 3.6245E-004 * x + 9.5440E-004
R = 1.0000
DL = 0.2747
BEC = 2.633

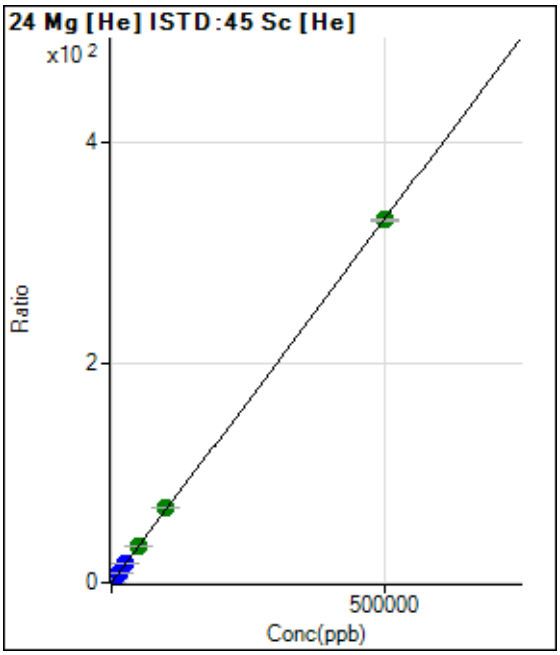
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3903.45	0.0212	P	5.1
2	☐	500.000	484.046	116849.74	0.6178	P	0.8
3	☐	5000.000	5031.054	1126965.78	6.2224	P	0.5
4	☐	12500.000	12786.409	2720851.21	15.7816	P	0.6
5	☐	25000.000	25788.929	5221847.47	31.8084	A	0.7
6	☐	50000.000	51412.806	10345691.12	63.3921	A	0.7
7	☐	100000.00	102840.98	20359899.24	126.7820	A	0.4
8	☐	500000.00	499243.62	100336642.5	615.3843	A	0.3

y = 0.0012 * x + 0.0212
R = 1.0000
DL = 2.647
BEC = 17.18

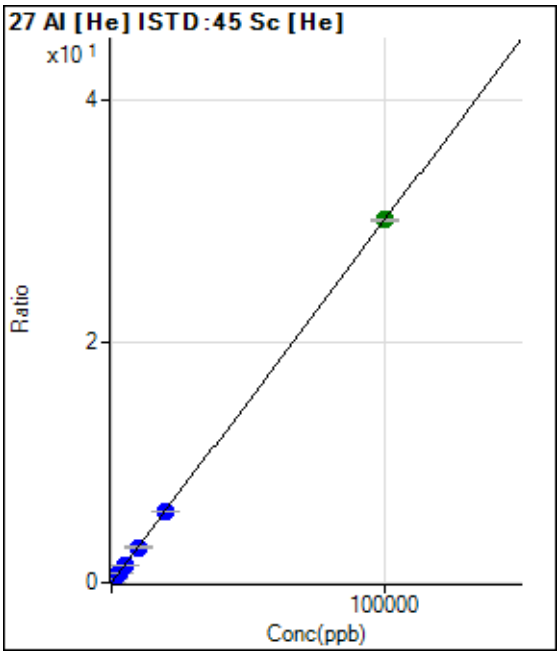
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0004	P	49.7
2	☐	500.000	503.204	62891.21	0.3325	P	0.7
3	☐	5000.000	5078.299	607148.61	3.3523	P	0.3
4	☐	12500.000	12777.111	1454046.99	8.4338	P	0.3
5	☐	25000.000	25761.898	2791562.54	17.0044	P	0.5
6	☐	50000.000	51368.473	5533485.45	33.9059	A	0.9
7	☐	100000.00	102320.23	10845774.29	67.5363	A	0.4
8	☐	500000.00	499353.29	53739517.52	329.5961	A	0.4

y = 6.6005E-004 * x + 3.7654E-004
R = 1.0000
DL = 0.8509
BEC = 0.5705

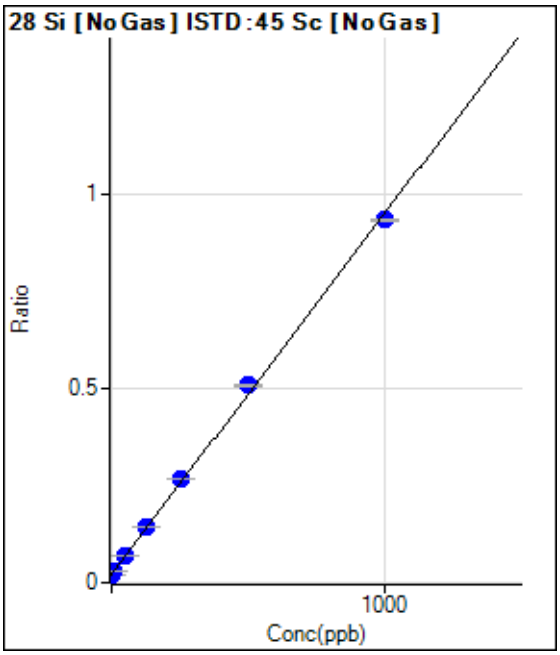
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0002	P	45.9
2	☐	20.000	19.522	1138.98	0.0060	P	1.8
3	☐	1000.000	985.104	53683.17	0.2964	P	1.0
4	☐	2500.000	2513.849	130365.68	0.7562	P	0.4
5	☐	5000.000	4974.740	245618.46	1.4963	P	1.7
6	☐	10000.000	9802.636	481150.97	2.9482	P	0.7
7	☐	20000.000	19534.997	943495.78	5.8751	P	0.7
8	☐	100000.00	100113.80	4909018.38	30.1083	A	0.7

y = 3.0074E-004 * x + 1.5077E-004
R = 1.0000
DL = 0.6901
BEC = 0.5013

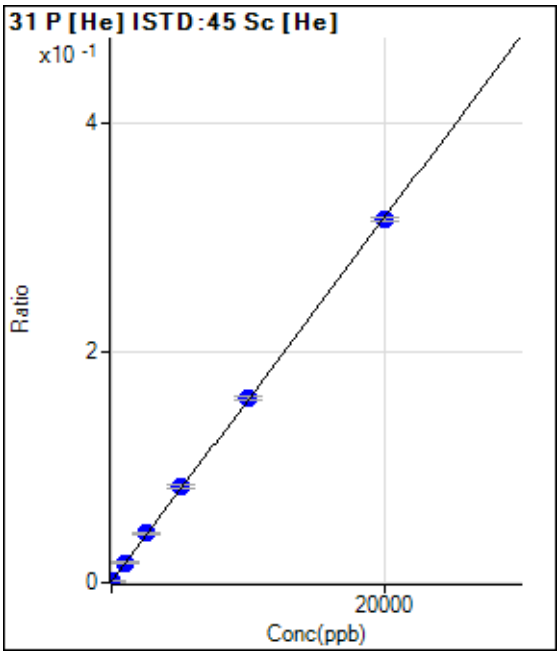
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98112.65	0.0221	P	1.2
2	☐	10.000	7.473	133047.75	0.0290	P	1.3
3	☐	50.000	51.218	316813.07	0.0697	P	0.8
4	☐	125.000	130.568	634214.49	0.1434	P	0.7
5	☐	250.000	264.055	1129342.05	0.2675	P	0.5
6	☐	500.000	525.102	2117678.63	0.5102	P	1.0
7	☐	1000.000	983.204	3816982.38	0.9361	P	0.8
8	☐			192158.48	0.0480	P	0.8

y = 9.2967E-004 * x + 0.0221
R = 0.9994
DL = 0.871
BEC = 23.72

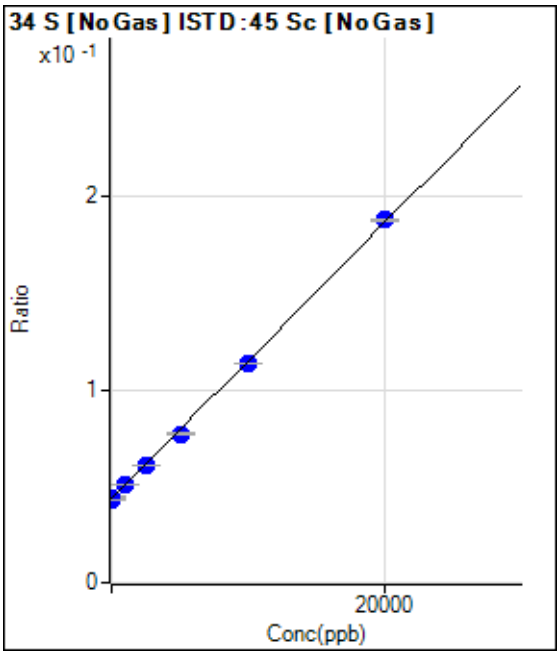
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-25.179	80.56	0.0004	P	21.7
2	☐	0.000	25.179	233.34	0.0012	P	7.0
3	☐	1000.000	1051.877	3164.36	0.0175	P	5.6
4	☐	2500.000	2653.557	7379.91	0.0428	P	1.7
5	☐	5000.000	5209.731	13667.90	0.0832	P	3.1
6	☐	10000.000	10104.726	26221.21	0.1607	P	2.4
7	☐	20000.000	19873.416	50614.67	0.3152	P	0.9
8	☐			63.89	0.0004	P	61.7

y = 1.5817E-005 * x + 8.3539E-004
R = 0.9999
DL = 17.2
BEC = 52.82

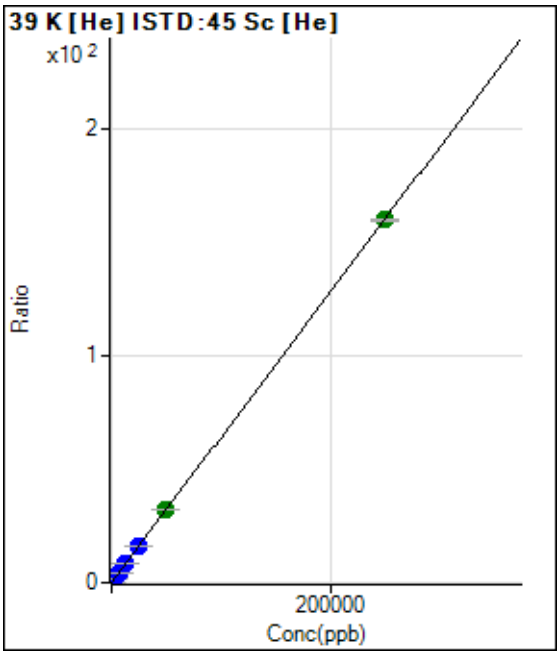
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	82.955	195723.31	0.0440	P	1.6
2	☐	0.000	-82.955	196396.40	0.0428	P	0.7
3	☐	1000.000	1056.512	231747.23	0.0510	P	0.4
4	☐	2500.000	2408.641	268113.86	0.0606	P	0.9
5	☐	5000.000	4692.408	324948.02	0.0770	P	1.6
6	☐	10000.000	9793.197	470987.64	0.1135	P	0.7
7	☐	20000.000	20188.894	765993.41	0.1879	P	0.7
8	☐			152880.27	0.0382	P	0.8

y = 7.1551E-006 * x + 0.0434
R = 0.9997
DL = 212.8
BEC = 6066

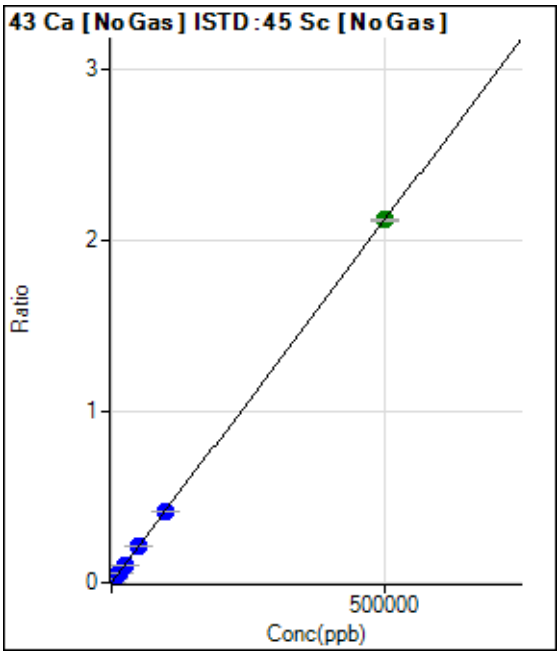
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10303.96	0.0559	P	1.2
2	☐	500.000	497.837	70802.78	0.3743	P	1.4
3	☐	2500.000	2575.185	308439.46	1.7030	P	1.1
4	☐	6250.000	6411.182	716625.38	4.1566	P	0.4
5	☐	12500.000	12800.856	1353301.19	8.2435	P	0.7
6	☐	25000.000	25116.702	2630963.84	16.1210	P	0.6
7	☐	50000.000	50011.700	5145994.99	32.0442	A	0.2
8	☐	250000.00	249966.17	26077392.25	159.9384	A	0.7

y = 6.3962E-004 * x + 0.0559
R = 1.0000
DL = 3.161
BEC = 87.4

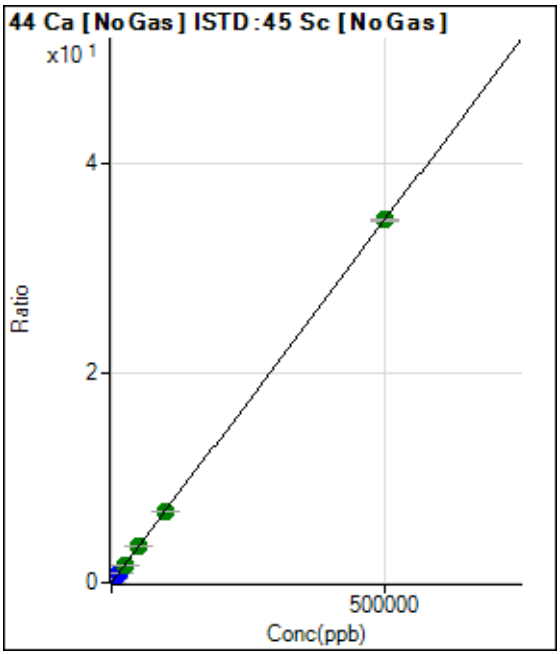
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	32.9
2	☐	500.000	476.356	9294.95	0.0020	P	2.7
3	☐	5000.000	4976.625	95722.63	0.0211	P	0.7
4	☐	12500.000	12300.955	229984.36	0.0520	P	0.3
5	☐	25000.000	24926.406	444866.18	0.1054	P	1.0
6	☐	50000.000	49247.217	864165.96	0.2082	P	0.4
7	☐	100000.00	97736.771	1684830.83	0.4132	P	0.4
8	☐	500000.00	500536.83	8470594.11	2.1161	A	0.2

y = 4.2276E-006 * x + 1.1864E-005
R = 1.0000
DL = 2.768
BEC = 2.806

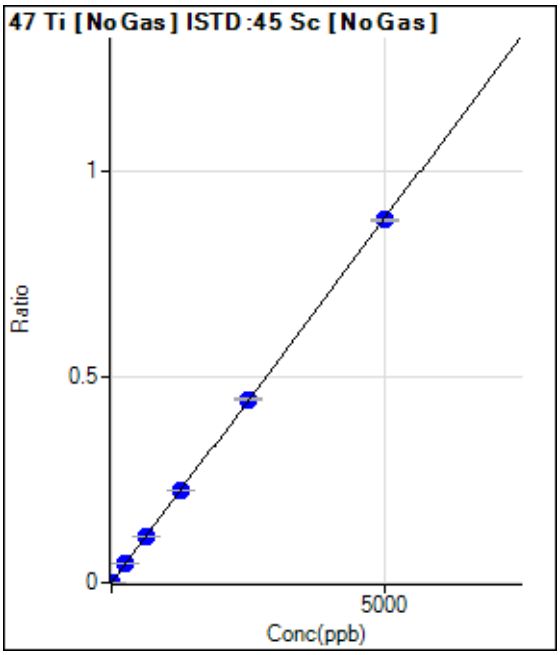
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6475.20	0.0015	P	6.1
2	☐	500.000	471.288	156046.47	0.0340	P	1.2
3	☐	5000.000	4878.342	1539140.39	0.3385	P	0.3
4	☐	12500.000	12212.917	3737031.90	0.8452	P	0.3
5	☐	25000.000	24751.615	7224399.12	1.7114	A	0.4
6	☐	50000.000	49275.200	14135172.89	3.4057	A	0.8
7	☐	100000.00	97620.406	27505862.07	6.7457	A	0.4
8	☐	500000.00	500569.24	138438722.5	34.5838	A	0.2

y = 6.9086E-005 * x + 0.0015
R = 1.0000
DL = 3.851
BEC = 21.07

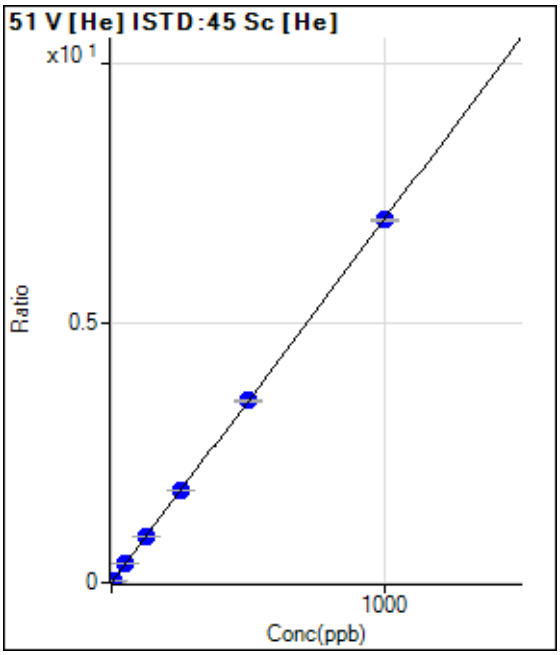
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	50.0
2	☐	5.000	5.314	4384.15	0.0010	P	4.8
3	☐	250.000	253.858	204343.97	0.0449	P	0.6
4	☐	625.000	638.675	499793.85	0.1130	P	0.3
5	☐	1250.000	1274.056	951783.04	0.2255	P	0.8
6	☐	2500.000	2521.420	1851983.63	0.4462	P	0.4
7	☐	5000.000	4981.373	3594406.89	0.8815	P	0.4
8	☐			1647.38	0.0004	P	2.8

y = 1.7696E-004 * x + 1.5614E-005
R = 1.0000
DL = 0.1324
BEC = 0.08824

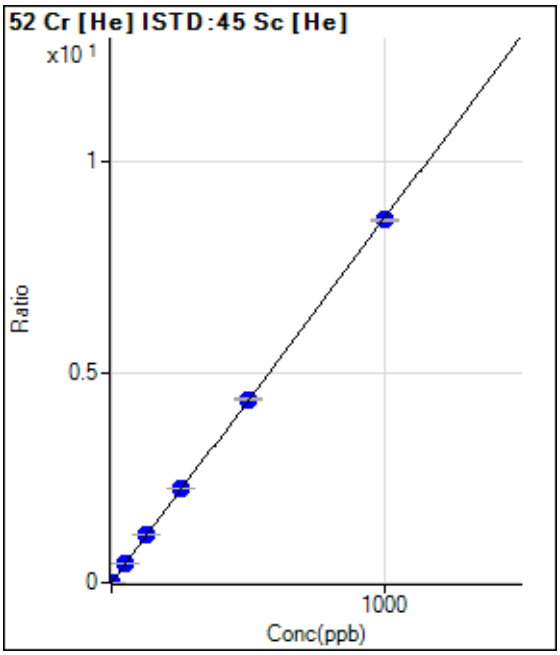
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.238	6935.07	0.0367	P	1.4
3	☐	50.000	50.940	64574.17	0.3565	P	0.9
4	☐	125.000	128.196	154691.49	0.8973	P	1.2
5	☐	250.000	254.877	292869.02	1.7839	P	0.6
6	☐	500.000	500.422	571618.93	3.5025	P	0.5
7	☐	1000.000	998.122	1121865.32	6.9860	P	0.7
8	☐			286.67	0.0018	P	2.7

y = 0.0070 * x + 6.0244E-006
R = 1.0000
DL = 0.004473
BEC = 0.0008607

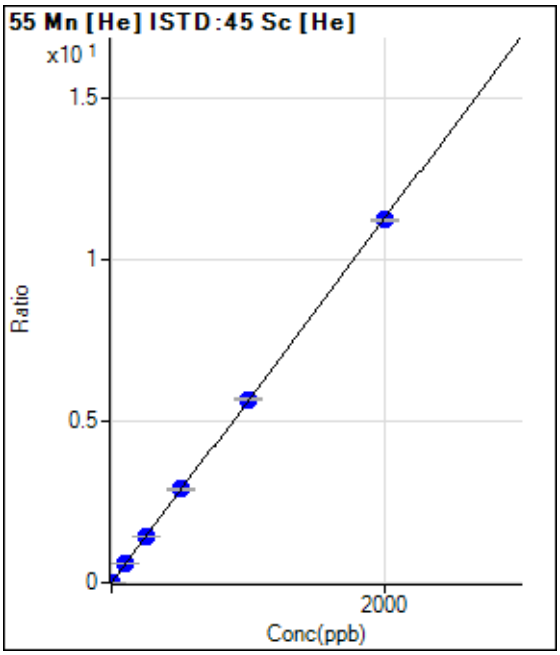
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0015	P	8.9
2	☐	2.000	1.941	3470.46	0.0183	P	2.9
3	☐	50.000	51.772	81474.56	0.4499	P	0.5
4	☐	125.000	129.422	193479.76	1.1222	P	0.2
5	☐	250.000	257.605	366455.55	2.2322	P	0.7
6	☐	500.000	503.477	711776.65	4.3613	P	0.5
7	☐	1000.000	995.719	1384877.13	8.6238	P	0.5
8	☐			26626.46	0.1633	P	1.2

y = 0.0087 * x + 0.0015
R = 1.0000
DL = 0.04755
BEC = 0.1782

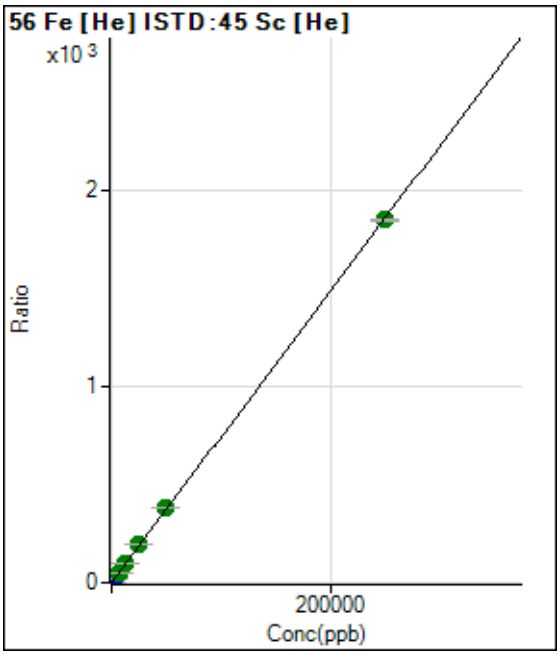
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0002	P	0.2
2	☐	1.000	1.043	1148.95	0.0061	P	5.6
3	☐	100.000	101.615	103736.90	0.5728	P	0.7
4	☐	250.000	257.183	249867.67	1.4493	P	0.3
5	☐	500.000	513.795	475278.78	2.8952	P	1.2
6	☐	1000.000	1005.633	924767.04	5.6665	P	0.8
7	☐	2000.000	1992.756	1803162.16	11.2284	P	0.5
8	☐			7169.63	0.0440	P	0.5

y = 0.0056 * x + 1.9894E-004
R = 1.0000
DL = 0.0002611
BEC = 0.03531

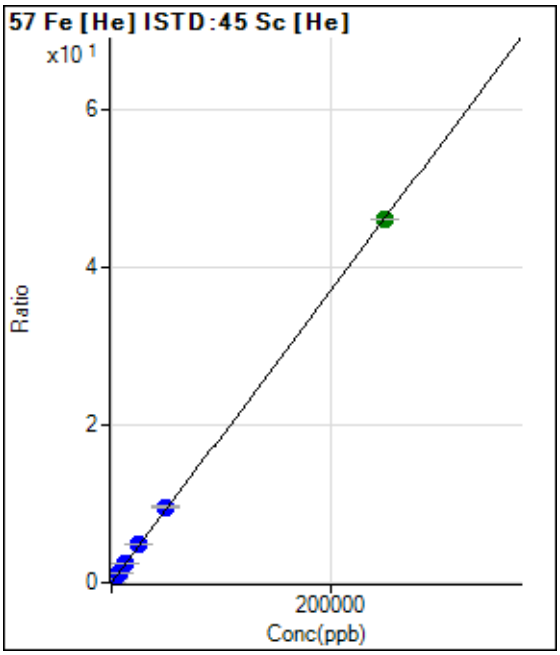
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2255.79	0.0122	P	3.3
2	☐	50.000	56.217	81026.65	0.4284	P	0.4
3	☐	2500.000	2662.575	3571939.03	19.7220	P	0.5
4	☐	6250.000	6653.333	8493329.53	49.2637	A	0.1
5	☐	12500.000	13384.959	16267594.35	99.0947	A	1.0
6	☐	25000.000	26168.566	31616297.70	193.7256	A	0.2
7	☐	50000.000	51907.733	61708634.71	384.2602	A	0.4
8	☐	250000.00	249445.63	301075610.4	1,846.538	A	0.2

y = 0.0074 * x + 0.0122
R = 1.0000
DL = 0.1651
BEC = 1.653

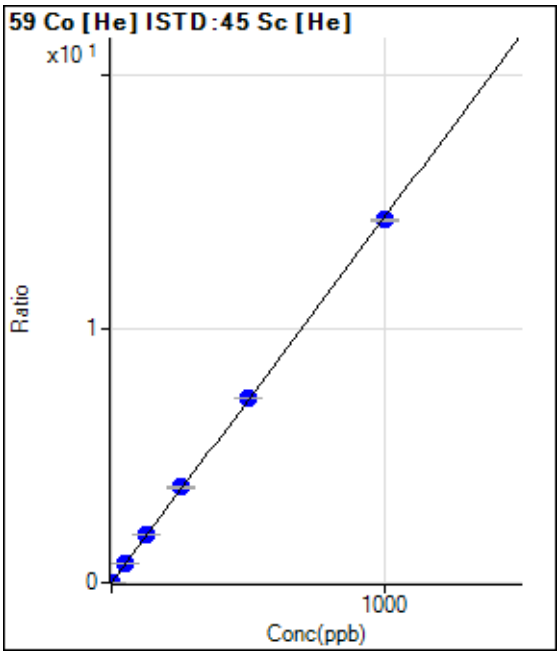
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0007	P	27.4
2	☐	50.000	58.355	2163.19	0.0114	P	5.3
3	☐	2500.000	2694.056	90207.41	0.4981	P	1.1
4	☐	6250.000	6726.369	214230.27	1.2426	P	0.6
5	☐	12500.000	13462.684	408166.88	2.4863	P	0.8
6	☐	25000.000	26345.441	793959.08	4.8649	P	0.6
7	☐	50000.000	52133.737	1545879.07	9.6263	P	0.4
8	☐	250000.00	249376.72	7507385.07	46.0440	A	0.2

y = 1.8463E-004 * x + 6.6330E-004
R = 1.0000
DL = 2.952
BEC = 3.593

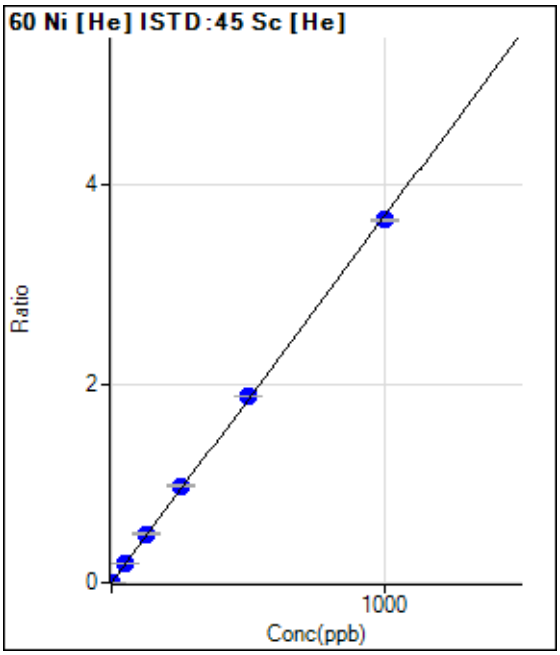
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0002	P	42.7
2	☐	1.000	1.034	2862.55	0.0151	P	3.2
3	☐	50.000	53.171	138818.11	0.7665	P	0.6
4	☐	125.000	131.435	326586.22	1.8943	P	0.1
5	☐	250.000	261.525	618727.05	3.7690	P	0.9
6	☐	500.000	506.286	1190739.85	7.2961	P	0.3
7	☐	1000.000	993.013	2298028.75	14.3102	P	0.7
8	☐			27297.86	0.1674	P	0.5

y = 0.0144 * x + 2.3502E-004
R = 0.9999
DL = 0.02089
BEC = 0.01631

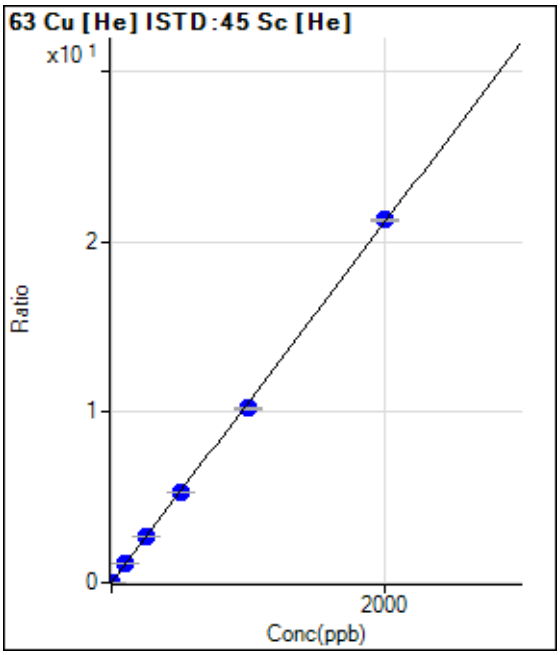
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0002	P	34.8
2	☐	1.000	1.077	785.59	0.0042	P	10.3
3	☐	50.000	53.862	35989.89	0.1987	P	0.8
4	☐	125.000	133.692	84985.52	0.4929	P	0.8
5	☐	250.000	264.372	159997.20	0.9746	P	1.0
6	☐	500.000	510.032	306831.24	1.8801	P	0.4
7	☐	1000.000	990.111	586076.77	3.6496	P	0.8
8	☐			11913.89	0.0731	P	3.3

y = 0.0037 * x + 1.8094E-004
R = 0.9998
DL = 0.05126
BEC = 0.04909

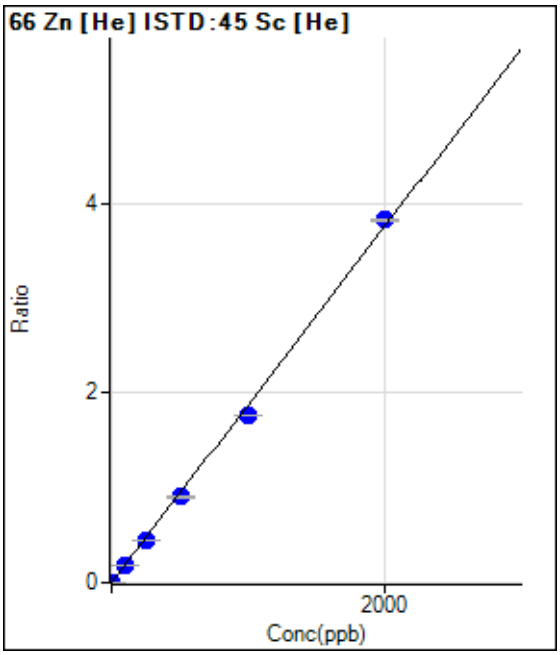
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	514.46	0.0028	P	5.6
2	☐	2.000	1.971	4468.53	0.0236	P	1.2
3	☐	100.000	103.263	198192.68	1.0943	P	0.4
4	☐	250.000	255.464	466017.29	2.7031	P	0.3
5	☐	500.000	504.577	876022.04	5.3362	P	0.7
6	☐	1000.000	967.322	1669126.16	10.2274	P	0.3
7	☐	2000.000	2014.349	3419654.15	21.2945	P	0.5
8	☐			5485.56	0.0336	P	2.3

y = 0.0106 * x + 0.0028
R = 0.9998
DL = 0.04464
BEC = 0.2641

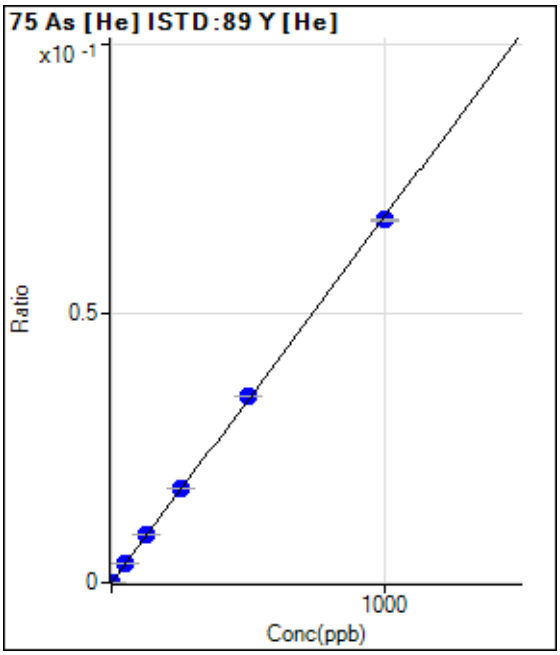
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.56	0.0010	P	4.1
2	☐	2.000	1.972	890.05	0.0047	P	7.3
3	☐	100.000	96.754	33047.53	0.1825	P	0.3
4	☐	250.000	240.522	77943.40	0.4521	P	0.6
5	☐	500.000	481.227	148322.84	0.9035	P	1.5
6	☐	1000.000	936.123	286693.15	1.7567	P	0.2
7	☐	2000.000	2037.979	613953.43	3.8232	P	0.8
8	☐			9874.58	0.0606	P	0.7

y = 0.0019 * x + 0.0010
R = 0.9992
DL = 0.0664
BEC = 0.5368

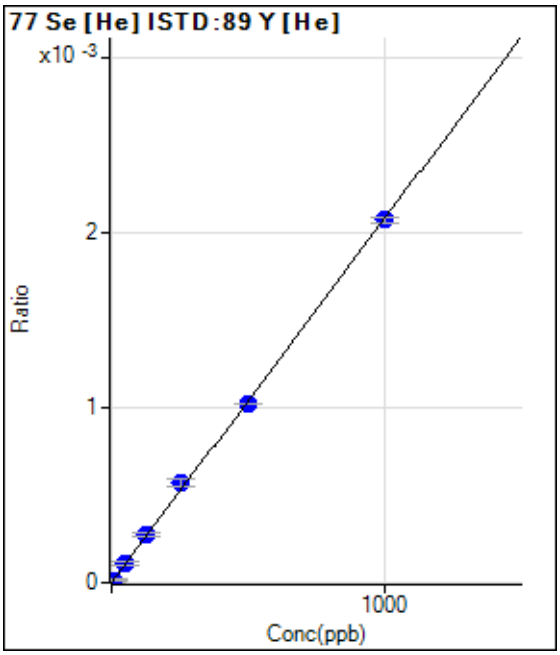
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.73	0.0000	P	64.0
2	☐	1.000	1.016	205.56	0.0001	P	9.8
3	☐	50.000	53.462	9782.99	0.0036	P	2.1
4	☐	125.000	132.416	23360.80	0.0090	P	0.6
5	☐	250.000	258.995	44197.13	0.0176	P	0.6
6	☐	500.000	510.559	86332.48	0.0347	P	0.5
7	☐	1000.000	991.372	165335.90	0.0674	P	0.3
8	☐			235.81	0.0001	P	14.0

y = 6.8016E-005 * x + 4.2997E-006
R = 0.9999
DL = 0.1213
BEC = 0.06322

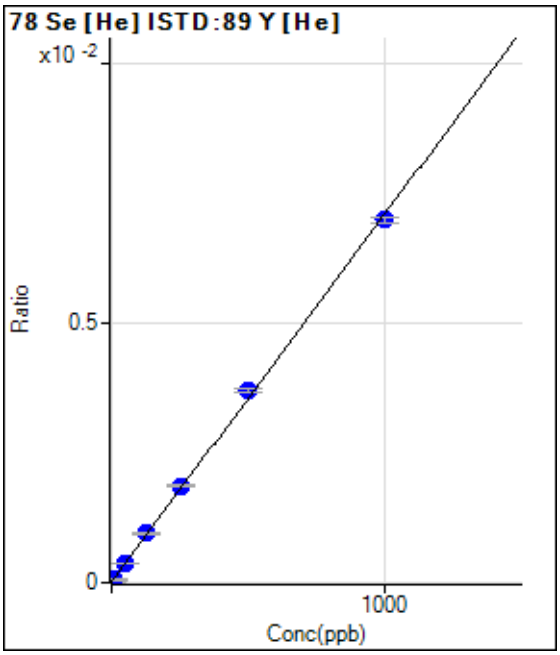
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	7.266	43.34	0.0000	P	27.9
3	☐	50.000	52.481	294.45	0.0001	P	12.5
4	☐	125.000	130.421	704.47	0.0003	P	6.8
5	☐	250.000	274.323	1432.32	0.0006	P	6.5
6	☐	500.000	492.745	2549.16	0.0010	P	0.3
7	☐	1000.000	996.734	5085.42	0.0021	P	1.8
8	☐			1.11	0.0000	P	173.

y = 2.0803E-006 * x + 4.0472E-007
R = 0.9996
DL = 1.011
BEC = 0.1945

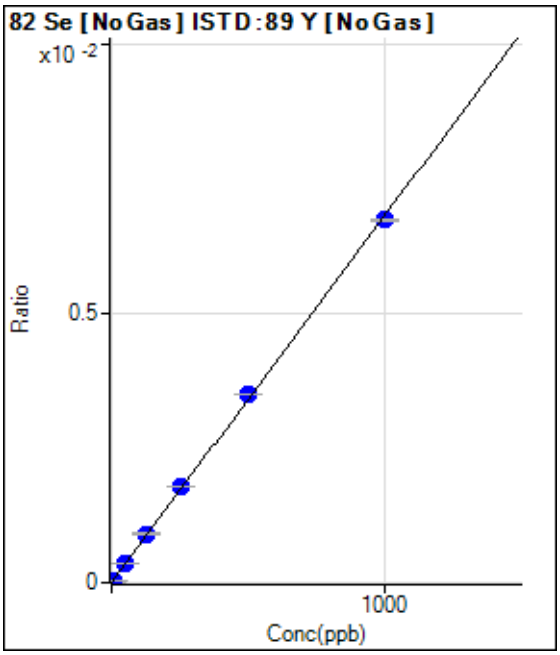
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.42	0.0000	P	37.7
2	☐	5.000	6.193	159.88	0.0001	P	7.3
3	☐	50.000	49.934	983.99	0.0004	P	2.5
4	☐	125.000	133.062	2471.84	0.0010	P	3.1
5	☐	250.000	262.209	4680.42	0.0019	P	2.3
6	☐	500.000	520.837	9180.75	0.0037	P	1.4
7	☐	1000.000	985.519	17105.22	0.0070	P	1.5
8	☐			34.57	0.0000	P	8.1

y = 7.0656E-006 * x + 1.3346E-005
R = 0.9996
DL = 2.136
BEC = 1.889

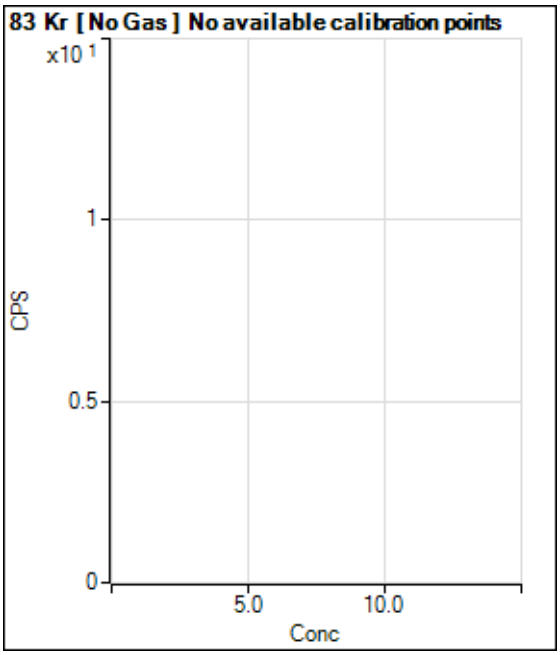
Weight: <None>
Min Conc: 0



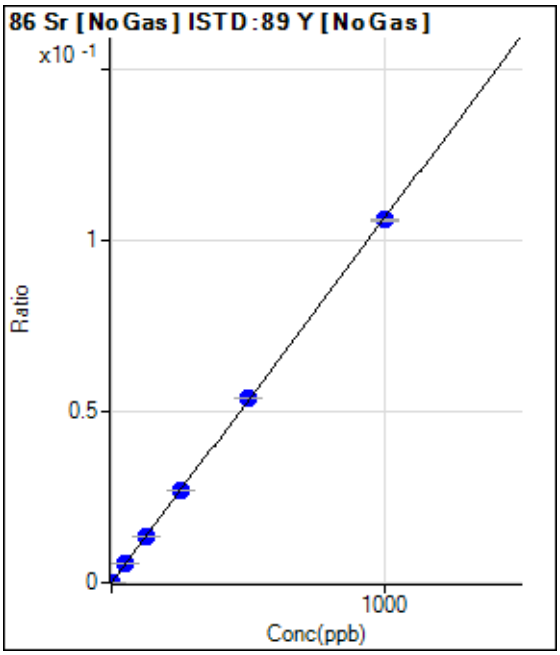
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.95	0.0000	P	37.6
2	☐	5.000	5.543	803.53	0.0000	P	9.8
3	☐	50.000	53.368	6845.83	0.0004	P	1.8
4	☐	125.000	132.989	16626.49	0.0009	P	1.6
5	☐	250.000	262.519	31666.01	0.0018	P	0.2
6	☐	500.000	512.770	61503.73	0.0035	P	0.5
7	☐	1000.000	989.316	117545.97	0.0067	P	0.4
8	☐			181.32	0.0000	P	21.5

y = 6.8005E-006 * x + 5.0346E-006
R = 0.9998
DL = 0.8346
BEC = 0.7403

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			156.67		P	16.1
2	☐			183.34		P	9.4
3	☐			148.89		P	20.7
4	☐			191.12		P	23.8
5	☐			154.45		P	2.5
6	☐			142.23		P	15.3
7	☐			163.34		P	7.4
8	☐			146.67		P	6.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0000	P	26.5
2	☐	1.000	1.003	2275.29	0.0001	P	3.0
3	☐	50.000	50.875	100917.70	0.0054	P	0.8
4	☐	125.000	127.286	247729.63	0.0136	P	1.3
5	☐	250.000	254.749	479402.53	0.0271	P	0.7
6	☐	500.000	505.902	947744.65	0.0538	P	0.4
7	☐	1000.000	995.532	1848500.63	0.1059	P	0.4
8	☐			8155.40	0.0005	P	3.5

y = 1.0634E-004 * x + 1.4436E-005

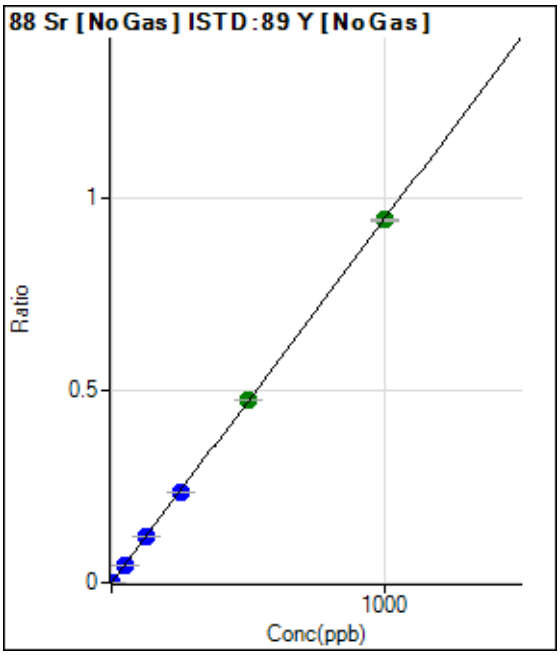
R = 1.0000

DL = 0.108

BEC = 0.1358

Weight: <None>

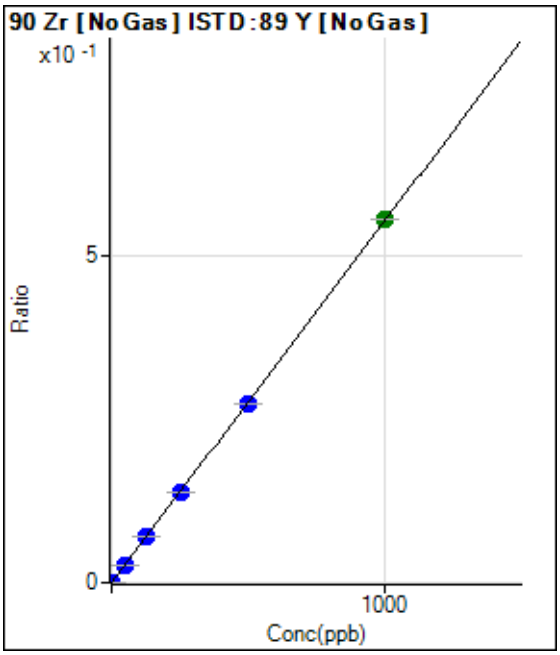
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.5
2	☐	1.000	0.982	17514.15	0.0009	P	1.8
3	☐	50.000	50.067	881048.21	0.0474	P	0.2
4	☐	125.000	124.858	2159168.97	0.1181	P	0.4
5	☐	250.000	249.873	4180074.14	0.2363	P	0.8
6	☐	500.000	504.272	8400009.39	0.4769	A	0.1
7	☐	1000.000	997.910	16477866.34	0.9438	A	0.4
8	☐			70730.36	0.0042	P	1.5

y = 9.4580E-004 * x + 3.7180E-006
R = 1.0000
DL = 0.0008809
BEC = 0.003931

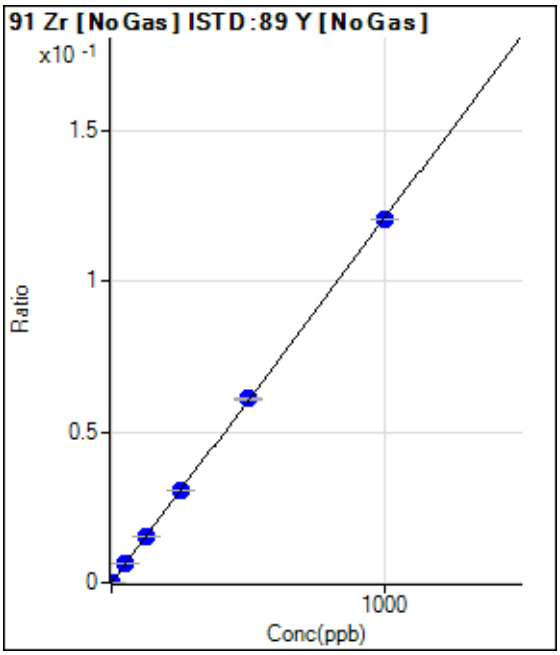
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	630.60	0.0000	P	9.2
2	☐	1.000	0.847	9450.74	0.0005	P	1.1
3	☐	50.000	49.588	511427.41	0.0275	P	0.7
4	☐	125.000	125.550	1271593.53	0.0695	P	0.4
5	☐	250.000	249.522	2444231.06	0.1382	P	0.4
6	☐	500.000	492.520	4803407.83	0.2727	P	0.0
7	☐	1000.000	1003.811	9703774.52	0.5558	A	0.1
8	☐			4117.42	0.0002	P	10.6

y = 5.5368E-004 * x + 3.3760E-005
R = 1.0000
DL = 0.01679
BEC = 0.06097

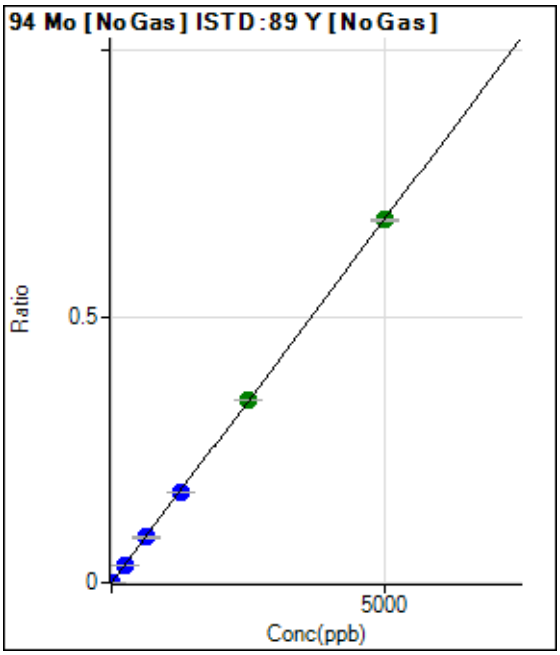
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	12.0
2	☐	1.000	0.860	2055.81	0.0001	P	7.2
3	☐	50.000	50.560	113605.94	0.0061	P	0.5
4	☐	125.000	128.125	282759.33	0.0155	P	0.9
5	☐	250.000	254.458	543176.96	0.0307	P	0.3
6	☐	500.000	505.162	1073646.78	0.0610	P	0.7
7	☐	1000.000	995.886	2098034.18	0.1202	P	0.1
8	☐			922.28	0.0001	P	12.5

y = 1.2066E-004 * x + 5.6499E-006
R = 1.0000
DL = 0.0169
BEC = 0.04682

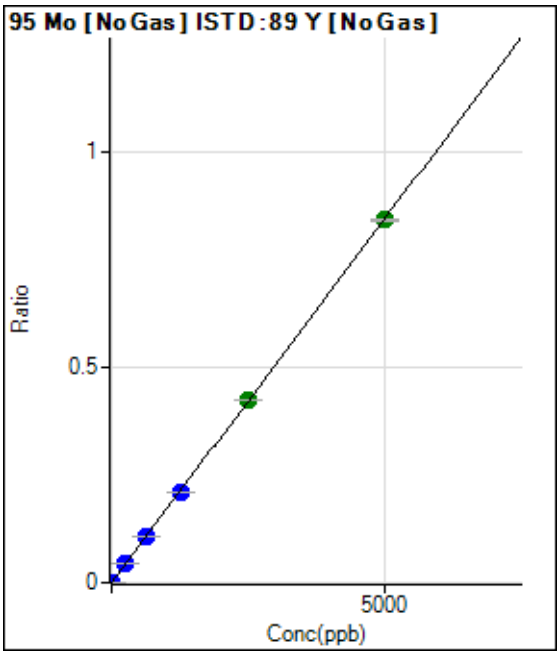
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.47	0.0000	P	13.6
2	☐	5.000	4.536	11930.39	0.0006	P	2.7
3	☐	250.000	248.897	632563.17	0.0340	P	0.9
4	☐	625.000	622.930	1555375.21	0.0851	P	1.0
5	☐	1250.000	1247.294	3012655.32	0.1703	P	0.1
6	☐	2500.000	2514.728	6047767.54	0.3434	A	0.3
7	☐	5000.000	4993.627	11904323.70	0.6819	A	0.2
8	☐			9270.07	0.0005	P	7.5

y = 1.3654E-004 * x + 1.5756E-005
R = 1.0000
DL = 0.04715
BEC = 0.1154

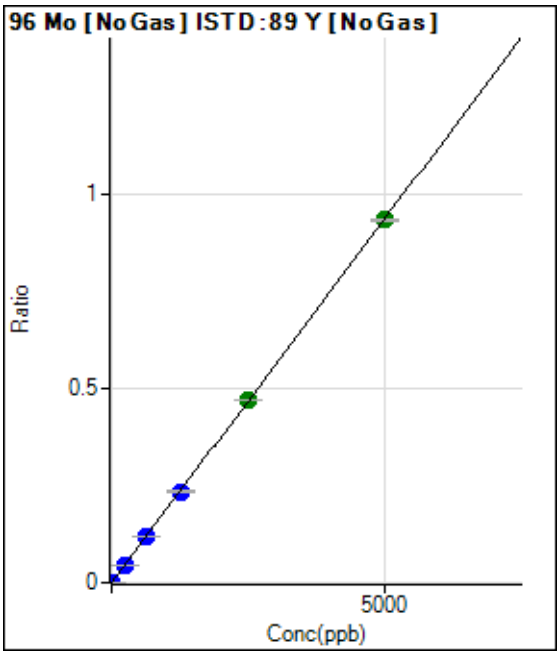
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	9.5
2	☐	5.000	4.750	15128.04	0.0008	P	0.2
3	☐	250.000	252.598	791784.65	0.0426	P	0.8
4	☐	625.000	628.317	1935351.28	0.1059	P	0.8
5	☐	1250.000	1253.193	3734301.90	0.2111	P	0.3
6	☐	2500.000	2516.604	7466974.56	0.4240	A	0.1
7	☐	5000.000	4990.355	14677568.73	0.8407	A	0.3
8	☐			13387.43	0.0008	P	4.9

y = 1.6847E-004 * x + 4.9077E-006
R = 1.0000
DL = 0.008311
BEC = 0.02913

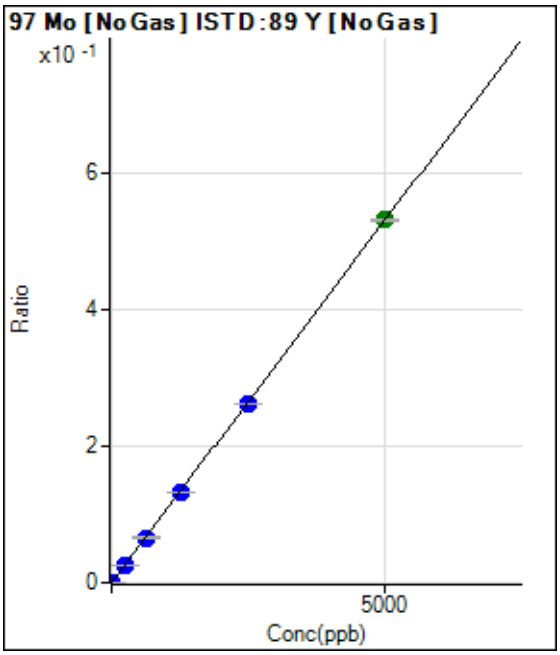
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	8.0
2	☐	5.000	4.750	16857.81	0.0009	P	1.2
3	☐	250.000	250.484	871588.42	0.0468	P	0.3
4	☐	625.000	627.227	2144586.64	0.1173	P	0.7
5	☐	1250.000	1255.557	4152881.86	0.2348	P	0.5
6	☐	2500.000	2515.676	8285284.65	0.4704	A	0.3
7	☐	5000.000	4990.471	16292488.04	0.9332	A	0.4
8	☐			19800.57	0.0012	P	1.4

y = 1.8700E-004 * x + 8.7735E-006
R = 1.0000
DL = 0.01121
BEC = 0.04692

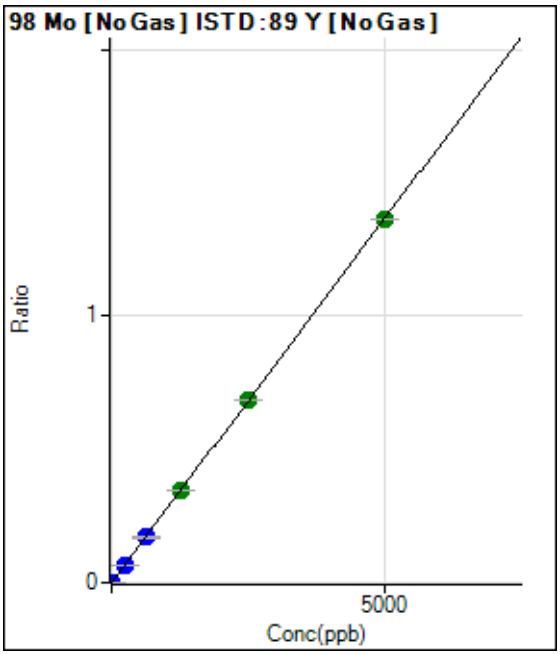
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	16.1
2	☐	5.000	4.755	9545.28	0.0005	P	5.1
3	☐	250.000	249.686	492019.81	0.0264	P	0.3
4	☐	625.000	624.199	1208646.62	0.0661	P	0.9
5	☐	1250.000	1250.887	2343151.09	0.1325	P	0.5
6	☐	2500.000	2470.596	4608135.83	0.2616	P	0.1
7	☐	5000.000	5014.596	9271511.58	0.5311	A	0.3
8	☐			8085.97	0.0005	P	0.5

y = 1.0590E-004 * x + 4.1616E-006
R = 1.0000
DL = 0.01895
BEC = 0.0393

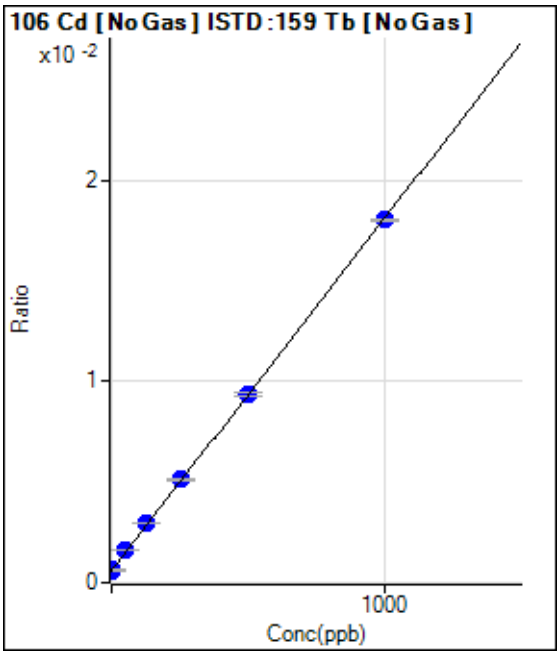
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	22.7
2	☐	5.000	4.730	24438.37	0.0013	P	1.3
3	☐	250.000	248.798	1262789.04	0.0679	P	0.7
4	☐	625.000	623.775	3111011.40	0.1702	P	1.0
5	☐	1250.000	1269.277	6124038.33	0.3462	A	0.1
6	☐	2500.000	2518.950	12101474.75	0.6871	A	0.3
7	☐	5000.000	4985.920	23743863.55	1.3600	A	0.1
8	☐			20576.81	0.0012	P	4.7

y = 2.7277E-004 * x + 1.0262E-005
R = 1.0000
DL = 0.02566
BEC = 0.03762

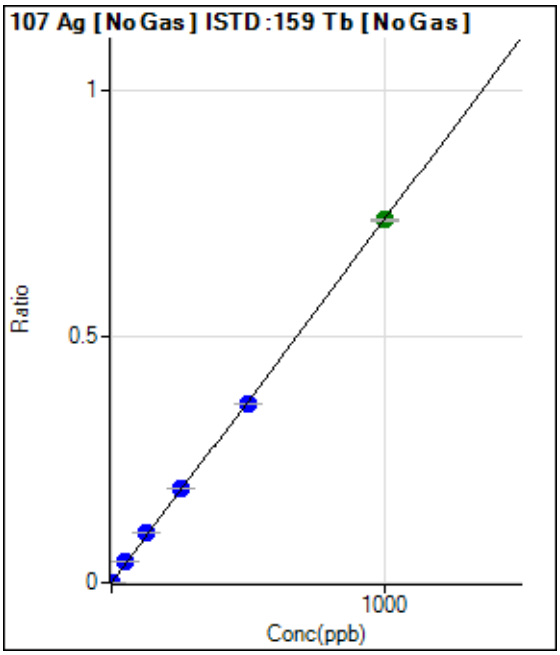
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5887.59	0.0006	P	4.4
2	☐	1.000	1.486	6193.29	0.0006	P	5.3
3	☐	50.000	57.854	15984.60	0.0016	P	2.7
4	☐	125.000	135.449	29840.63	0.0030	P	0.9
5	☐	250.000	260.326	52060.42	0.0052	P	1.9
6	☐	500.000	499.687	95596.19	0.0093	P	1.7
7	☐	1000.000	995.876	186251.78	0.0180	P	0.4
8	☐			5845.90	0.0006	P	5.1

y = 1.7491E-005 * x + 5.9798E-004
R = 0.9999
DL = 4.471
BEC = 34.19

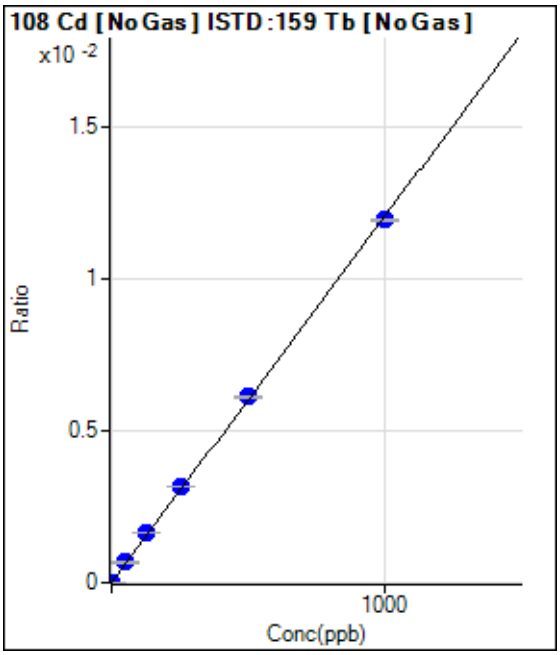
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	10.9
2	☐	1.000	1.172	8730.86	0.0009	P	3.3
3	☐	50.000	56.307	412381.44	0.0415	P	0.9
4	☐	125.000	136.392	1011539.84	0.1006	P	0.6
5	☐	250.000	260.327	1939985.55	0.1920	P	1.1
6	☐	500.000	493.650	3726322.31	0.3640	P	0.2
7	☐	1000.000	998.854	7613504.77	0.7365	A	0.3
8	☐			1864.10	0.0002	P	7.4

y = 7.3732E-004 * x + 1.6365E-005
R = 0.9999
DL = 0.007275
BEC = 0.0222

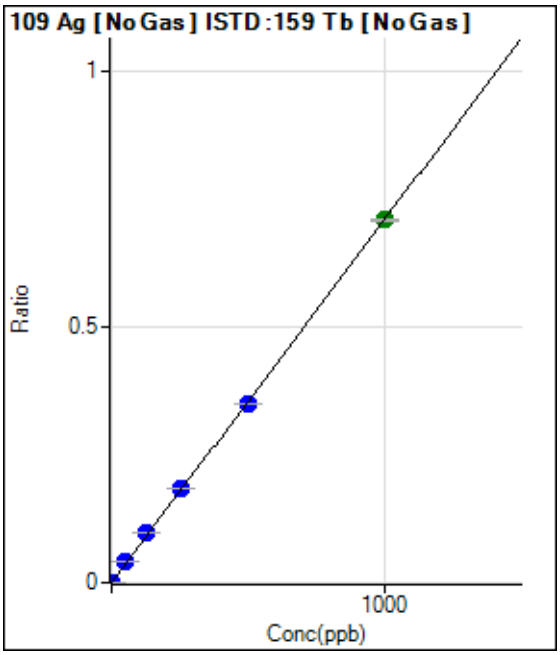
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	39.2
2	☐	1.000	0.986	140.28	0.0000	P	19.8
3	☐	50.000	55.229	6616.95	0.0007	P	1.9
4	☐	125.000	136.846	16572.43	0.0016	P	1.2
5	☐	250.000	262.379	31909.76	0.0032	P	1.7
6	☐	500.000	507.221	62465.02	0.0061	P	0.1
7	☐	1000.000	991.552	123283.03	0.0119	P	0.7
8	☐			51.39	0.0000	P	52.0

y = 1.2025E-005 * x + 2.2581E-006
R = 0.9998
DL = 0.2208
BEC = 0.1878

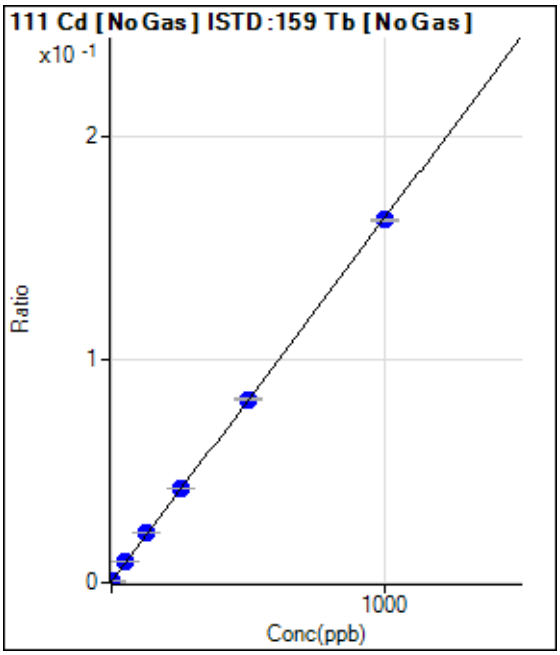
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	76.3
2	☐	1.000	1.139	8083.22	0.0008	P	0.3
3	☐	50.000	56.334	397540.57	0.0400	P	1.0
4	☐	125.000	135.731	970115.03	0.0965	P	0.2
5	☐	250.000	258.061	1853427.34	0.1834	P	0.2
6	☐	500.000	493.402	3589579.77	0.3506	P	0.5
7	☐	1000.000	999.625	7343655.98	0.7104	A	0.7
8	☐			1469.58	0.0001	P	20.7

y = 7.1065E-004 * x + 5.0801E-006
R = 0.9999
DL = 0.01637
BEC = 0.007149

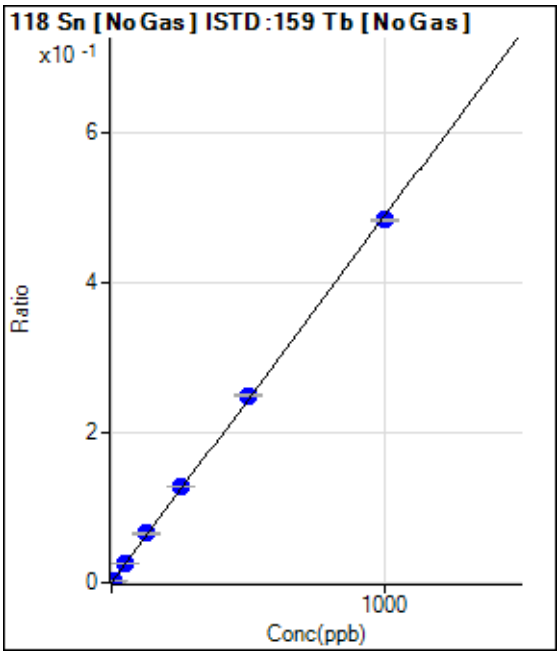
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4130.76	0.0004	P	4.3
2	☐	1.000	1.114	5963.64	0.0006	P	3.0
3	☐	50.000	54.979	93063.10	0.0094	P	0.6
4	☐	125.000	134.026	223726.34	0.0222	P	0.4
5	☐	250.000	258.261	429283.27	0.0425	P	0.8
6	☐	500.000	501.634	840586.17	0.0821	P	0.8
7	☐	1000.000	995.741	1680646.11	0.1626	P	0.3
8	☐			4438.11	0.0004	P	4.7

y = 1.6285E-004 * x + 4.1954E-004
R = 0.9999
DL = 0.3287
BEC = 2.576

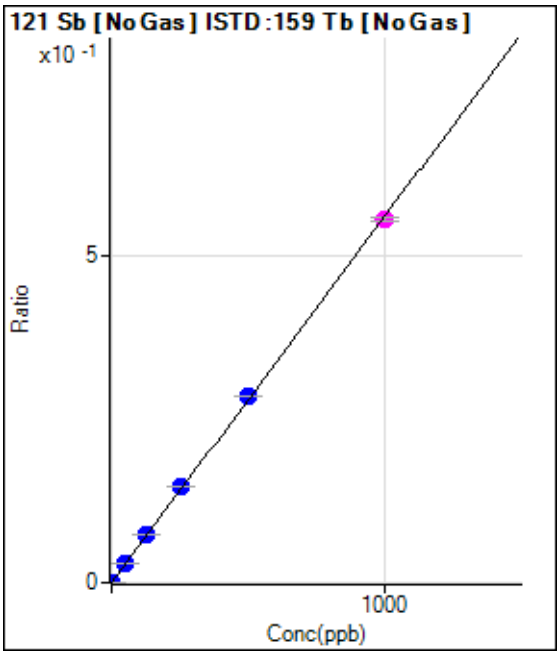
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	641.71	0.0001	P	11.8
2	☐	5.000	5.412	26918.26	0.0027	P	2.2
3	☐	50.000	54.527	265580.58	0.0267	P	0.5
4	☐	125.000	133.827	659260.32	0.0656	P	0.4
5	☐	250.000	261.357	1293168.83	0.1280	P	0.4
6	☐	500.000	511.361	2562347.43	0.2503	P	0.4
7	☐	1000.000	990.149	5009477.85	0.4846	P	0.3
8	☐			3445.01	0.0003	P	3.9

y = 4.8935E-004 * x + 6.5168E-005
R = 0.9998
DL = 0.04723
BEC = 0.1332

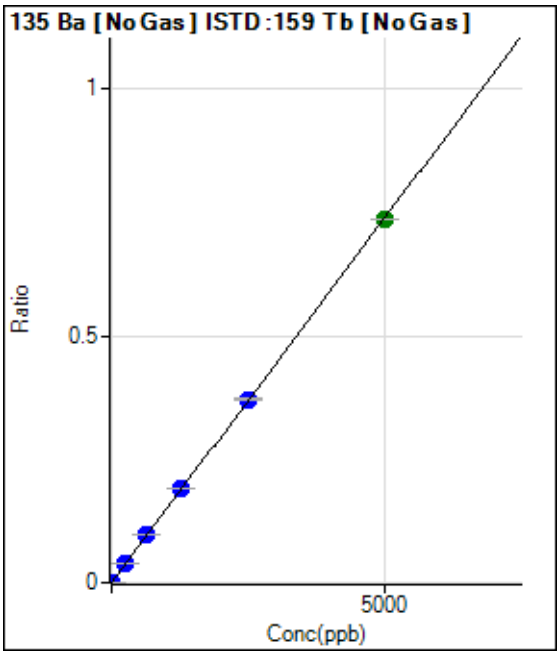
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	6.0
2	☐	2.000	2.069	11716.57	0.0012	P	1.7
3	☐	50.000	54.021	300661.33	0.0303	P	0.8
4	☐	125.000	132.983	749360.62	0.0745	P	0.9
5	☐	250.000	261.291	1479362.01	0.1464	P	0.4
6	☐	500.000	509.138	2919800.30	0.2852	P	0.3
7	☐	1000.000	991.409	5740968.44	0.5554	M	1.1
8	☐			9767.73	0.0010	P	0.3

y = 5.6015E-004 * x + 2.1724E-005
R = 0.9999
DL = 0.007
BEC = 0.03878

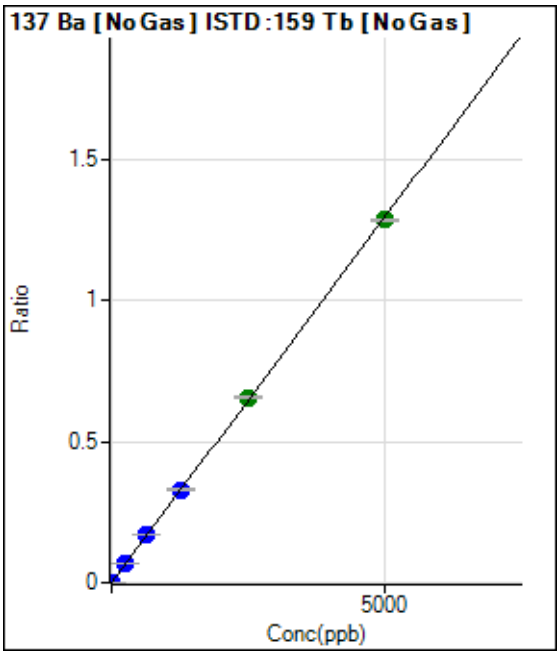
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.6
2	☐	10.000	10.450	15336.80	0.0015	P	4.1
3	☐	250.000	264.905	388461.17	0.0391	P	0.5
4	☐	625.000	657.158	976047.67	0.0971	P	0.8
5	☐	1250.000	1286.453	1920031.94	0.1900	P	0.4
6	☐	2500.000	2515.318	3802776.26	0.3715	P	0.7
7	☐	5000.000	4978.462	7600457.20	0.7352	A	0.2
8	☐			2205.84	0.0002	P	16.7

y = 1.4768E-004 * x + 1.9747E-006
R = 1.0000
DL = 0.009874
BEC = 0.01337

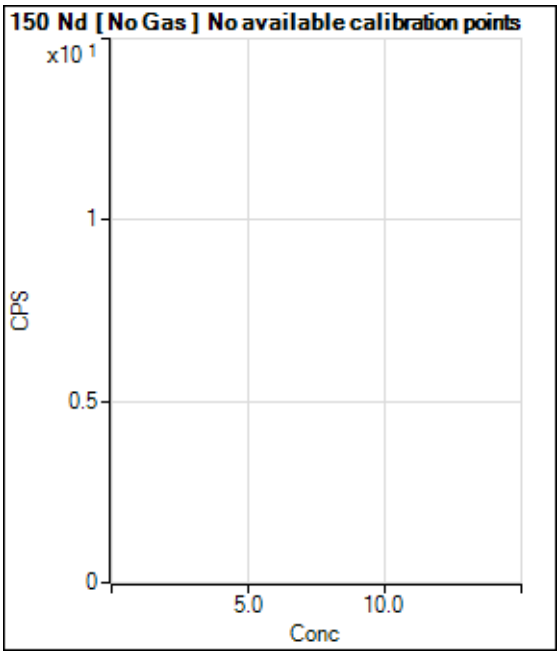
Weight: <None>
Min Conc: 0



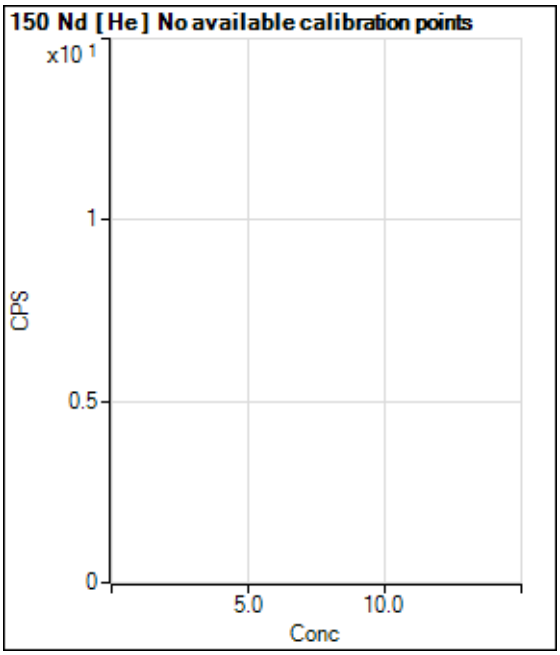
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	10.000	10.402	26745.96	0.0027	P	2.1
3	☐	250.000	263.732	678138.88	0.0683	P	0.7
4	☐	625.000	648.160	1688093.86	0.1679	P	0.2
5	☐	1250.000	1276.571	3340990.57	0.3306	P	0.3
6	☐	2500.000	2540.276	6734495.12	0.6578	A	0.6
7	☐	5000.000	4969.637	13304050.56	1.2870	A	0.3
8	☐			3433.93	0.0003	P	15.4

y = 2.5897E-004 * x + 1.1296E-006
R = 0.9999
DL = 0.01133
BEC = 0.004362

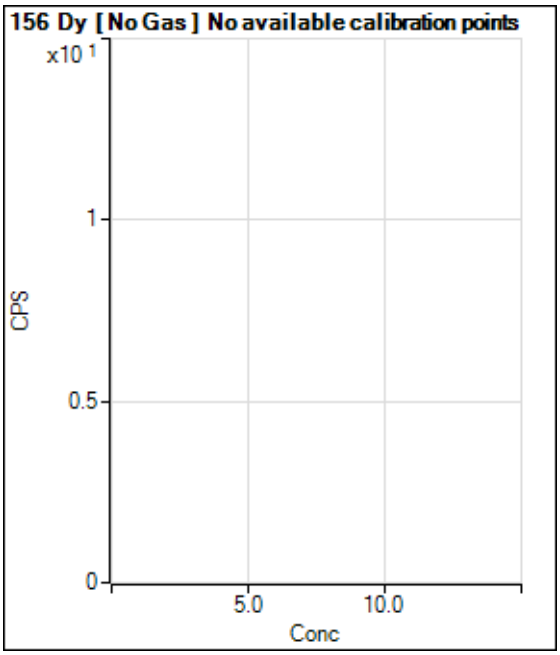
Weight: <None>
Min Conc: 0



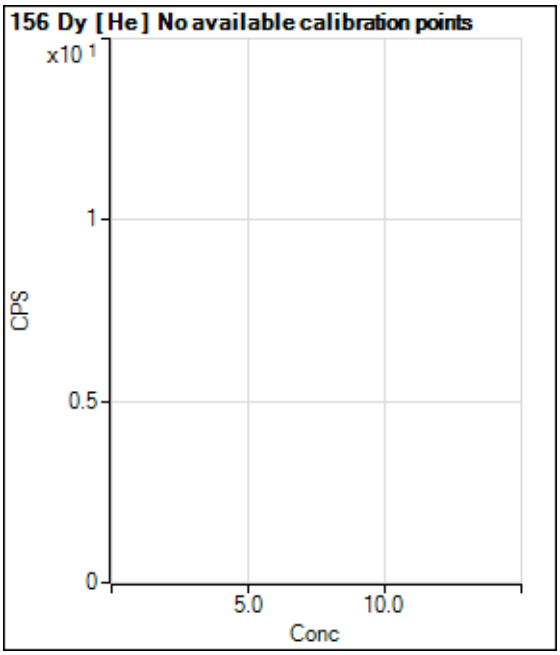
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			8.89		P	43.3
3	☐			46.67		P	42.9
4	☐			93.34		P	21.4
5	☐			135.56		P	27.1
6	☐			395.57		P	4.2
7	☐			571.15		P	3.4
8	☐			111.12		P	24.3



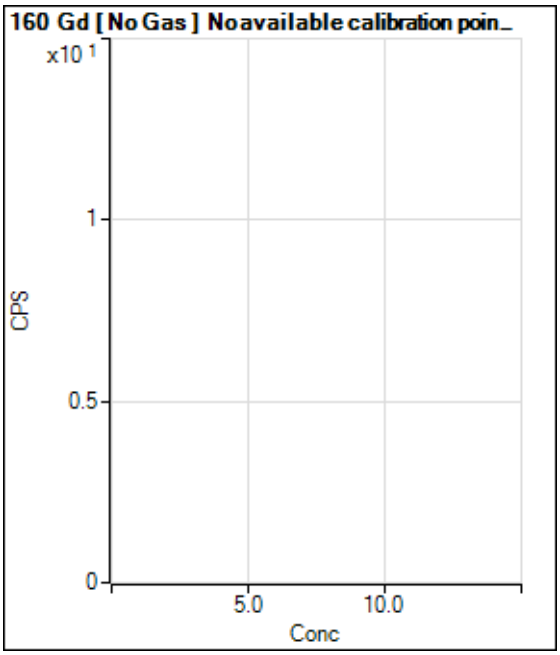
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	124.
2	☐			12.22		P	78.7
3	☐			14.44		P	118.
4	☐			6.67		P	100.
5	☐			23.33		P	37.8
6	☐			51.11		P	29.4
7	☐			60.00		P	24.2
8	☐			60.00		P	20.0



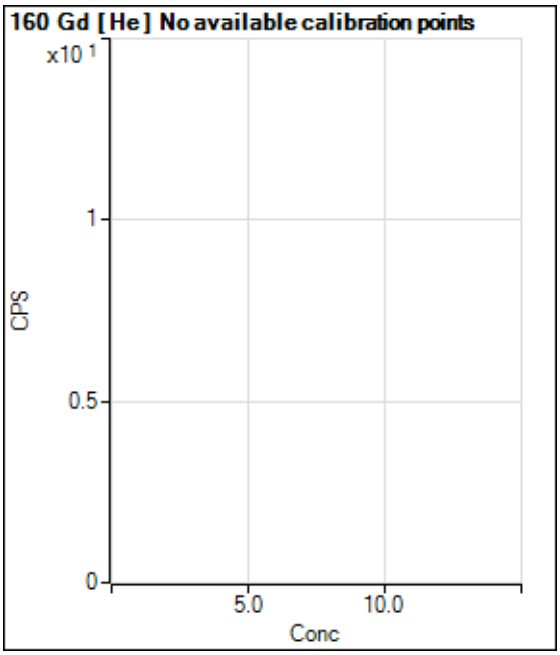
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			19.44		P	99.0
2	☐			19.45		P	24.7
3	☐			25.00		P	33.3
4	☐			52.78		P	18.2
5	☐			36.11		P	13.3
6	☐			69.45		P	18.3
7	☐			113.90		P	15.2
8	☐			88.89		P	32.9



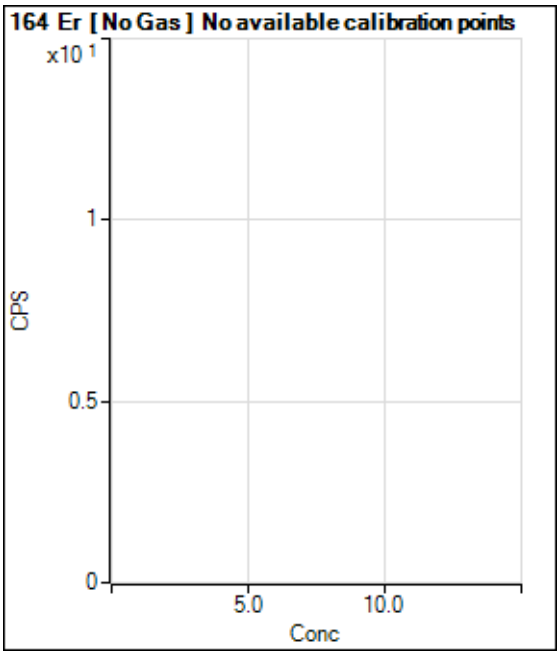
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	66.2
2	☐			14.44		P	53.3
3	☐			27.78		P	34.6
4	☐			37.78		P	45.3
5	☐			64.44		P	7.9
6	☐			103.34		P	27.6
7	☐			141.11		P	9.8
8	☐			38.89		P	38.7



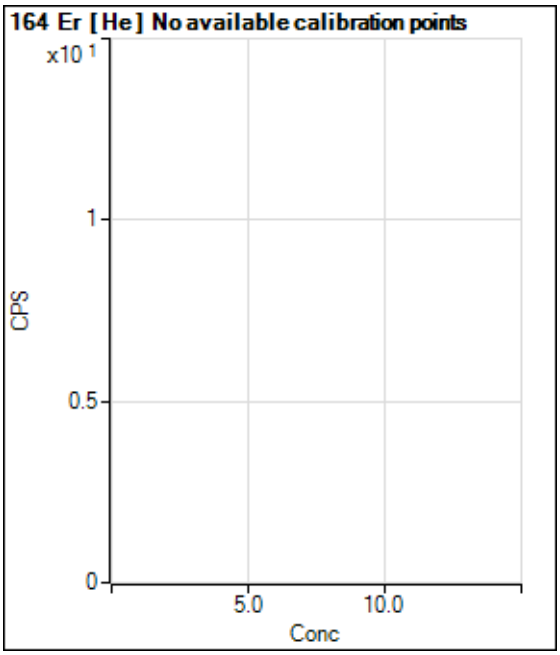
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.45		P	47.2
2	☐			38.89		P	49.5
3	☐			33.33		P	43.3
4	☐			77.78		P	22.3
5	☐			50.00		P	60.1
6	☐			66.67		P	25.0
7	☐			72.22		P	29.0
8	☐			72.23		P	13.3



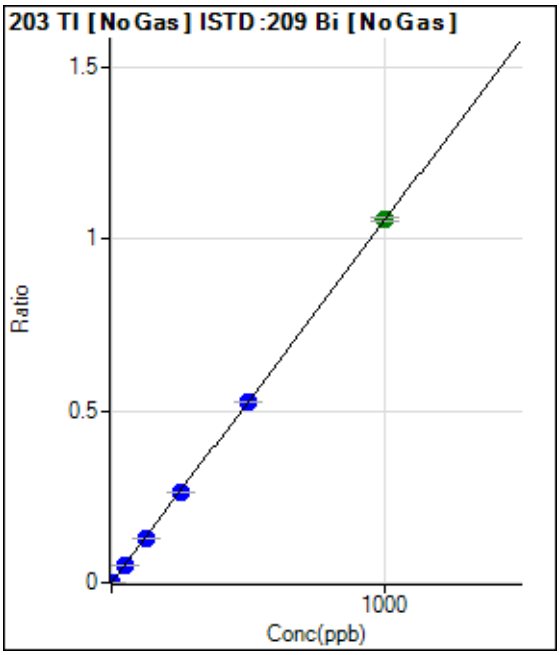
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			192.23		P	5.6
2	☐			204.45		P	27.3
3	☐			158.89		P	11.6
4	☐			181.11		P	2.8
5	☐			171.11		P	11.7
6	☐			197.79		P	6.8
7	☐			196.67		P	15.3
8	☐			171.12		P	19.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			66.67		P	25.0
2	☐			72.22		P	35.2
3	☐			50.00		P	44.1
4	☐			66.67		P	43.3
5	☐			61.11		P	28.4
6	☐			83.34		P	43.6
7	☐			77.78		P	76.0
8	☐			69.45		P	34.6



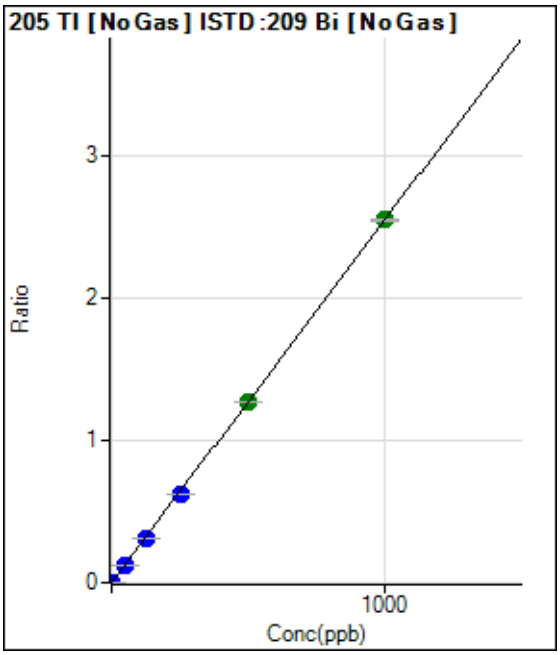
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	10.0
2	☐			51.11		P	32.2
3	☐			38.89		P	17.8
4	☐			51.11		P	16.4
5	☐			45.55		P	29.6
6	☐			56.67		P	10.2
7	☐			62.22		P	16.4
8	☐			55.56		P	15.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	486.14	0.0001	P	11.8
2	☐	1.000	0.947	6707.56	0.0011	P	2.5
3	☐	50.000	48.884	320920.21	0.0516	P	0.6
4	☐	125.000	123.611	822793.95	0.1304	P	0.9
5	☐	250.000	247.748	1671527.10	0.2613	P	0.6
6	☐	500.000	497.998	3360206.41	0.5252	P	0.6
7	☐	1000.000	1001.794	6756176.76	1.0565	A	0.9
8	☐			2600.38	0.0005	P	8.8

y = 0.0011 * x + 7.9768E-005
R = 1.0000
DL = 0.02668
BEC = 0.07564

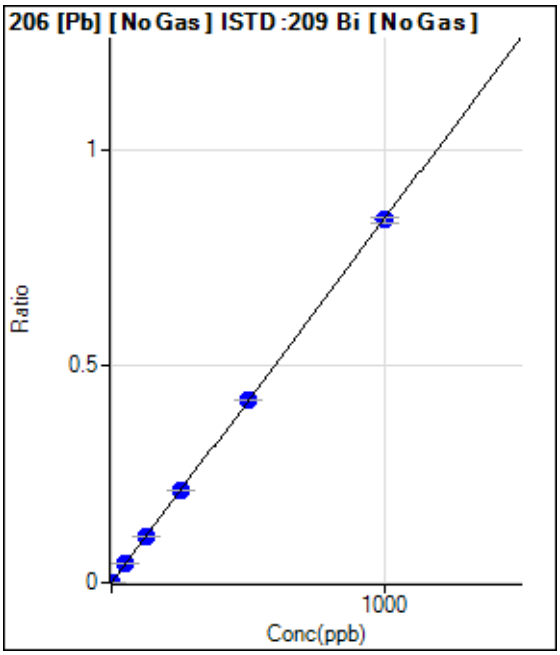
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.05	0.0001	P	14.5
2	☐	1.000	0.928	15317.82	0.0025	P	2.7
3	☐	50.000	48.798	771994.07	0.1242	P	0.7
4	☐	125.000	122.624	1967852.26	0.3119	P	0.6
5	☐	250.000	245.422	3992602.04	0.6242	P	0.6
6	☐	500.000	499.887	8133481.09	1.2714	A	0.5
7	☐	1000.000	1001.558	16288710.61	2.5472	A	0.8
8	☐			5990.56	0.0011	P	12.8

y = 0.0025 * x + 1.0256E-004
R = 1.0000
DL = 0.01749
BEC = 0.04033

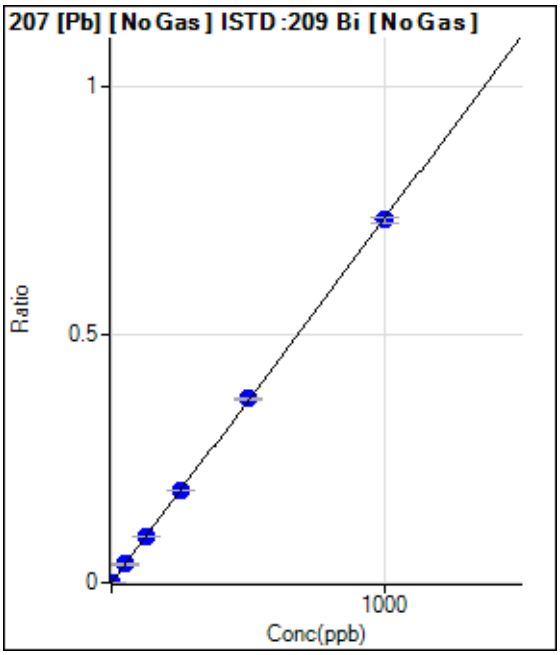
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	661.14	0.0001	P	13.2
2	☐	1.000	0.950	5638.42	0.0009	P	1.8
3	☐	50.000	50.349	263609.34	0.0424	P	0.6
4	☐	125.000	125.491	665761.46	0.1055	P	1.1
5	☐	250.000	252.997	1360172.15	0.2127	P	1.0
6	☐	500.000	503.986	2709555.99	0.4235	P	0.2
7	☐	1000.000	997.179	5357766.15	0.8379	P	1.5
8	☐			5808.85	0.0010	P	0.5

y = 8.4017E-004 * x + 1.0849E-004
R = 1.0000
DL = 0.05108
BEC = 0.1291

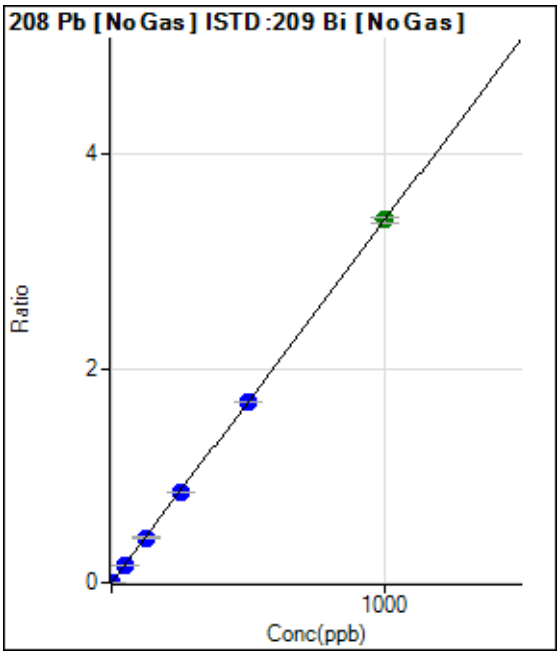
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	653.74	0.0001	P	5.0
2	☐	1.000	0.955	5021.47	0.0008	P	2.9
3	☐	50.000	50.105	229027.89	0.0368	P	1.3
4	☐	125.000	125.999	583478.29	0.0925	P	0.7
5	☐	250.000	253.089	1187623.33	0.1857	P	0.5
6	☐	500.000	505.574	2372249.15	0.3708	P	0.6
7	☐	1000.000	996.311	4672029.91	0.7306	P	1.3
8	☐			4889.94	0.0009	P	8.5

y = 7.3324E-004 * x + 1.0733E-004
R = 1.0000
DL = 0.02207
BEC = 0.1464

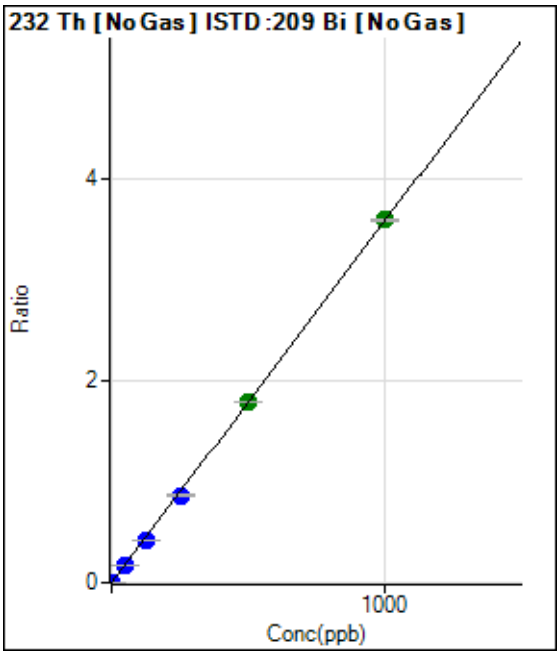
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2396.45	0.0004	P	5.2
2	☐	1.000	0.928	21963.14	0.0035	P	0.8
3	☐	50.000	49.479	1042551.62	0.1677	P	0.8
4	☐	125.000	124.178	2651659.43	0.4204	P	0.9
5	☐	250.000	249.047	5389582.73	0.8427	P	0.5
6	☐	500.000	497.995	10777011.18	1.6846	P	0.4
7	☐	1000.000	1001.370	21657721.44	3.3870	A	1.3
8	☐			22317.13	0.0040	P	3.3

y = 0.0034 * x + 3.9342E-004
R = 1.0000
DL = 0.01808
BEC = 0.1163

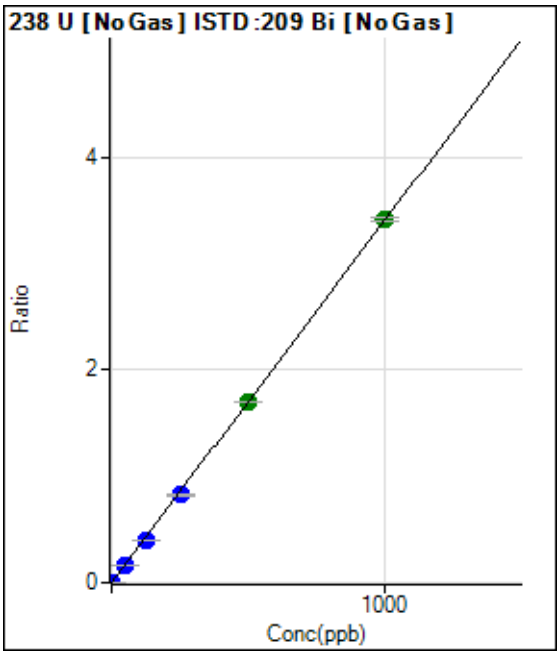
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2031.70	0.0003	P	3.9
2	☐	1.000	0.790	19652.34	0.0032	P	0.8
3	☐	50.000	46.083	1026479.90	0.1651	P	0.4
4	☐	125.000	117.606	2655261.40	0.4209	P	0.8
5	☐	250.000	240.812	5510004.81	0.8615	P	1.5
6	☐	500.000	498.546	11408339.72	1.7833	A	0.1
7	☐	1000.000	1004.144	22966630.14	3.5914	A	0.7
8	☐			8160.22	0.0015	P	9.4

y = 0.0036 * x + 3.3357E-004
R = 0.9999
DL = 0.01087
BEC = 0.09327

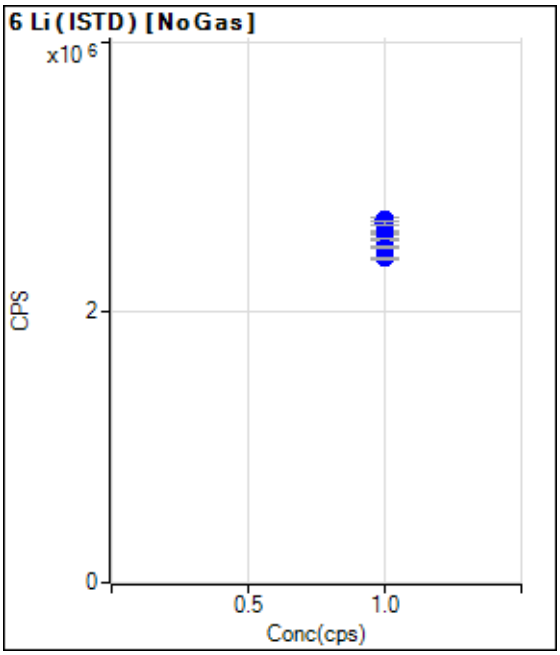
Weight: <None>
Min Conc: 0



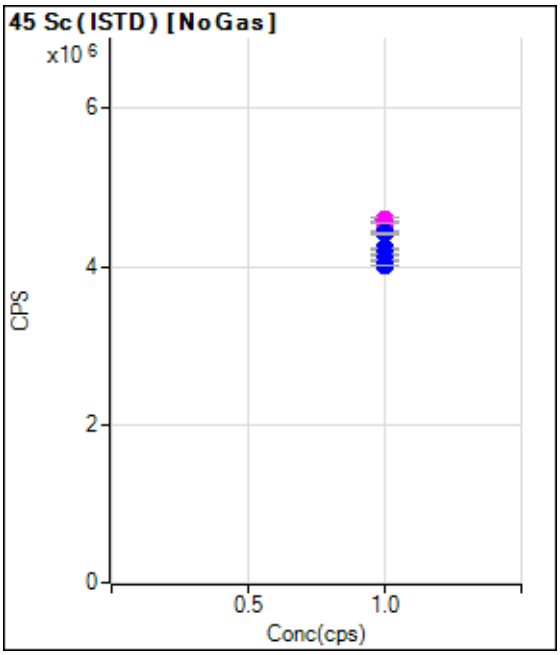
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2294.76	0.0004	P	6.0
2	☐	1.000	0.859	20508.62	0.0033	P	3.8
3	☐	50.000	46.499	985008.32	0.1585	P	0.8
4	☐	125.000	118.573	2545597.69	0.4035	P	0.5
5	☐	250.000	242.152	5268298.21	0.8237	P	0.9
6	☐	500.000	500.524	10889644.25	1.7022	A	0.2
7	☐	1000.000	1002.679	21802927.22	3.4096	A	1.0
8	☐			6129.52	0.0011	P	8.0

y = 0.0034 * x + 3.7662E-004
R = 1.0000
DL = 0.02007
BEC = 0.1108

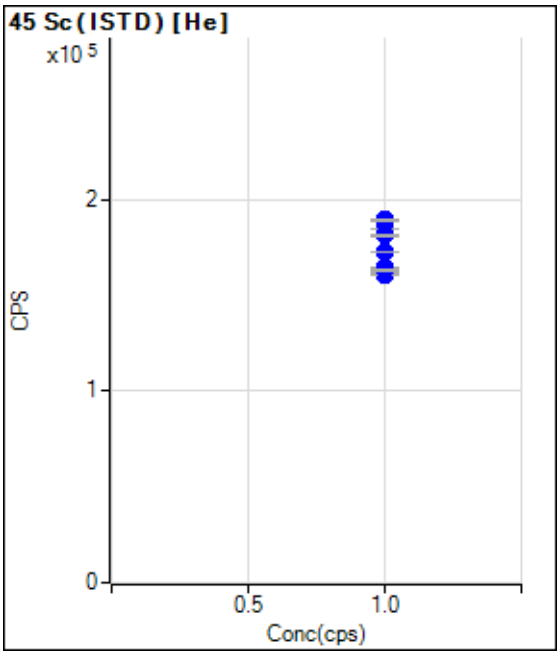
Weight: <None>
Min Conc: 0



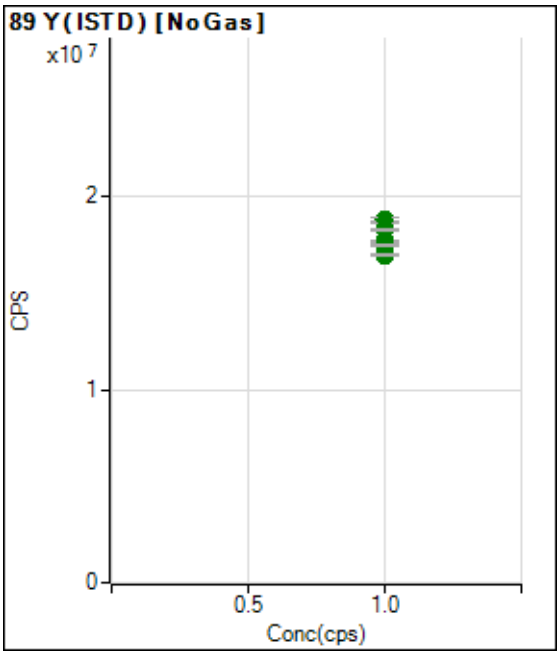
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2590662.48		P	0.7
2	☐	1.000		2681001.80		P	1.0
3	☐	1.000		2673262.47		P	0.2
4	☐	1.000		2655860.93		P	0.8
5	☐	1.000		2575966.85		P	0.0
6	☐	1.000		2542685.68		P	0.6
7	☐	1.000		2476143.24		P	0.3
8	☐	1.000		2397008.57		P	0.2



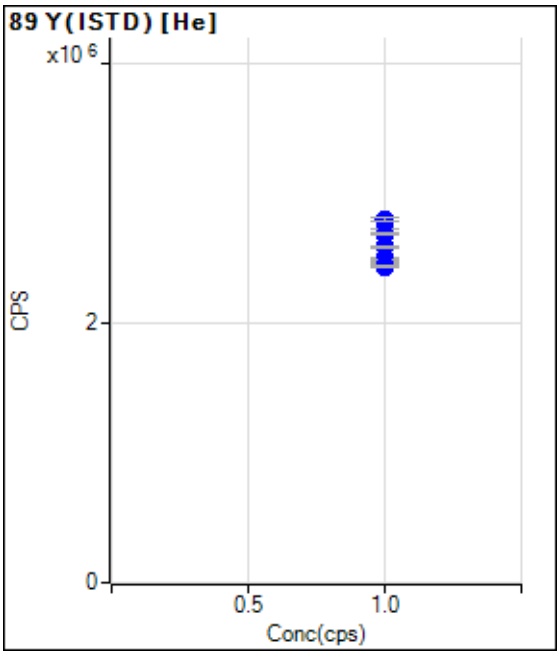
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4448282.74		P	0.2
2	☐	1.000		4587669.03		M	1.1
3	☐	1.000		4547203.01		M	0.0
4	☐	1.000		4421537.16		P	0.7
5	☐	1.000		4221255.74		P	0.5
6	☐	1.000		4150530.17		P	0.3
7	☐	1.000		4077533.16		P	0.3
8	☐	1.000		4002991.11		P	0.0



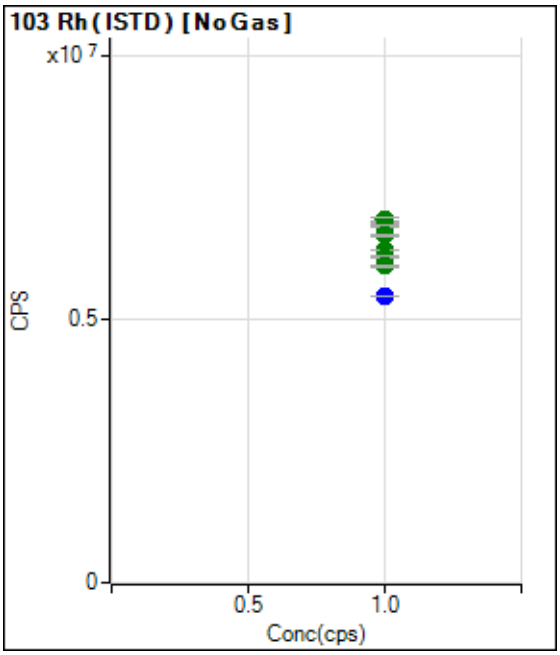
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		184323.09		P	0.2
2	☐	1.000		189141.79		P	0.5
3	☐	1.000		181117.64		P	0.6
4	☐	1.000		172405.23		P	0.4
5	☐	1.000		164172.26		P	0.9
6	☐	1.000		163201.98		P	0.2
7	☐	1.000		160591.44		P	0.6
8	☐	1.000		163048.89		P	0.6



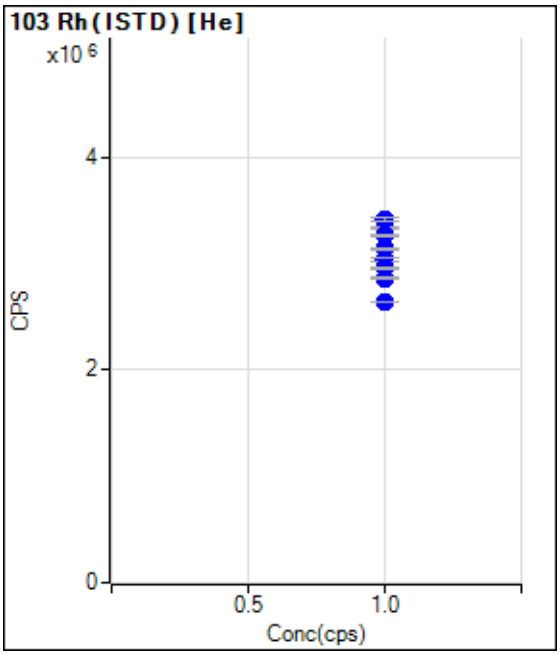
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18683555.69		A	0.5
2	☐	1.000		18790701.25		A	1.5
3	☐	1.000		18604542.64		A	0.3
4	☐	1.000		18283809.03		A	0.8
5	☐	1.000		17687573.35		A	0.4
6	☐	1.000		17612174.46		A	0.1
7	☐	1.000		17458434.74		A	0.5
8	☐	1.000		16973642.66		A	0.3



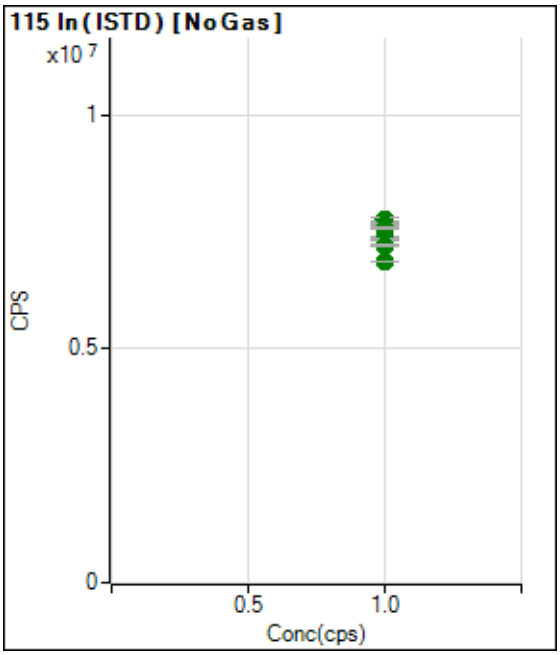
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2730046.04		P	0.4
2	☐	1.000		2798225.69		P	1.1
3	☐	1.000		2687457.15		P	0.7
4	☐	1.000		2592607.90		P	0.4
5	☐	1.000		2508318.76		P	0.4
6	☐	1.000		2485827.55		P	0.4
7	☐	1.000		2451886.56		P	0.6
8	☐	1.000		2436122.95		P	0.4



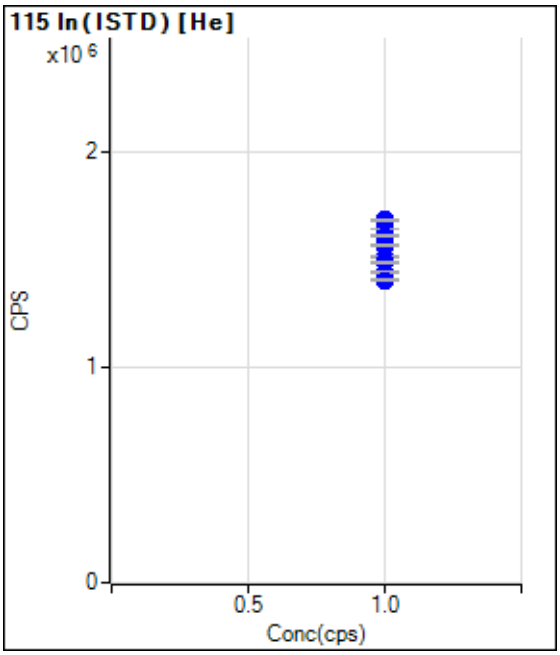
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6835670.73		A	0.2
2	☐	1.000		6876314.91		A	1.5
3	☐	1.000		6744541.82		A	0.5
4	☐	1.000		6581734.22		A	0.7
5	☐	1.000		6306042.59		A	0.3
6	☐	1.000		6174919.63		A	0.2
7	☐	1.000		5999095.75		A	0.2
8	☐	1.000		5440141.14		P	0.2



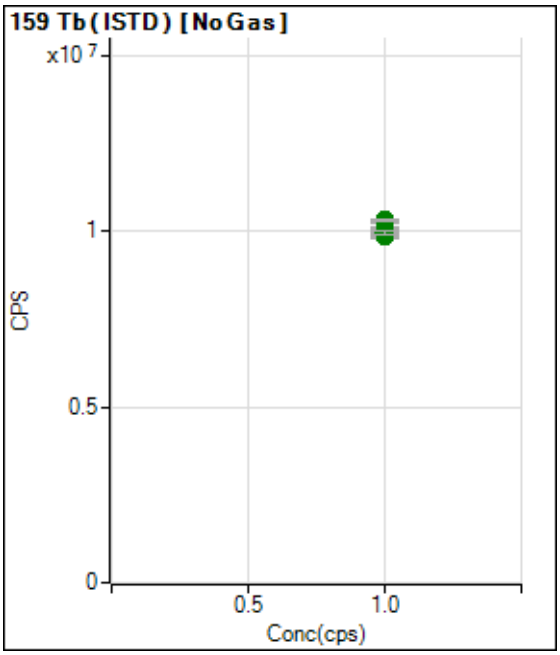
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3330683.87		P	0.5
2	☐	1.000		3412894.05		P	1.1
3	☐	1.000		3267706.48		P	0.9
4	☐	1.000		3139663.67		P	0.4
5	☐	1.000		3040366.73		P	0.8
6	☐	1.000		2960960.51		P	0.3
7	☐	1.000		2862593.12		P	0.5
8	☐	1.000		2638234.46		P	0.1



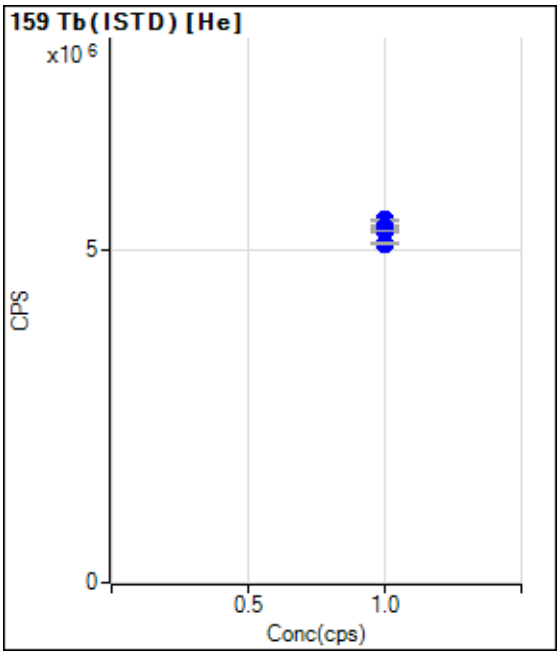
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7704096.61		A	0.4
2	☐	1.000		7763116.19		A	1.5
3	☐	1.000		7672493.69		A	0.1
4	☐	1.000		7587935.03		A	0.4
5	☐	1.000		7381117.70		A	0.1
6	☐	1.000		7341227.99		A	0.2
7	☐	1.000		7217390.42		A	0.6
8	☐	1.000		6872687.84		A	0.4



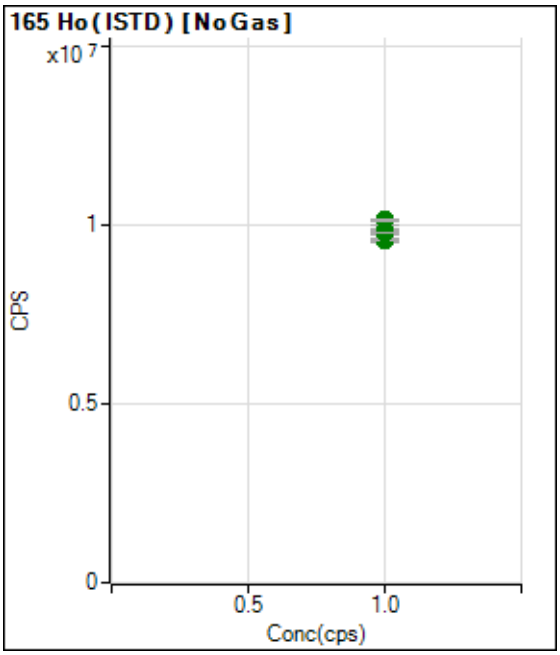
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1642136.92		P	0.4
2	☐	1.000		1684861.06		P	0.8
3	☐	1.000		1609594.77		P	0.5
4	☐	1.000		1564661.43		P	0.6
5	☐	1.000		1512760.61		P	0.5
6	☐	1.000		1488373.47		P	0.8
7	☐	1.000		1441070.45		P	0.4
8	☐	1.000		1406352.05		P	0.9



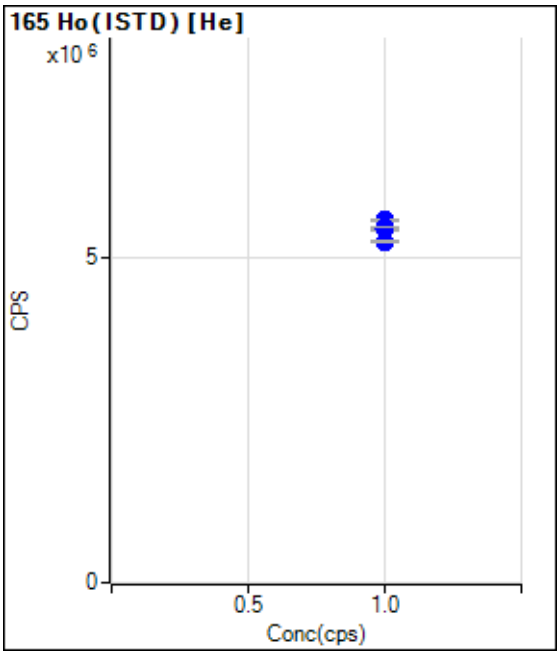
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9846393.74		A	0.2
2	☐	1.000		9922596.45		A	1.6
3	☐	1.000		9929176.45		A	0.5
4	☐	1.000		10057002.84		A	0.1
5	☐	1.000		10106225.68		A	0.4
6	☐	1.000		10237273.39		A	0.2
7	☐	1.000		10337568.66		A	0.4
8	☐	1.000		9962729.71		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5355788.19		P	0.5
2	☐	1.000		5454066.17		P	0.8
3	☐	1.000		5336728.26		P	0.6
4	☐	1.000		5288568.46		P	0.5
5	☐	1.000		5290981.59		P	0.9
6	☐	1.000		5308072.49		P	0.5
7	☐	1.000		5292703.74		P	0.3
8	☐	1.000		5094488.99		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9556818.88		A	0.5
2	☐	1.000		9623083.20		A	1.9
3	☐	1.000		9610050.13		A	0.6
4	☐	1.000		9773496.66		A	0.5
5	☐	1.000		9874667.15		A	0.4
6	☐	1.000		9995723.23		A	0.2
7	☐	1.000		10148922.71		A	0.5
8	☐	1.000		9794343.53		A	0.3



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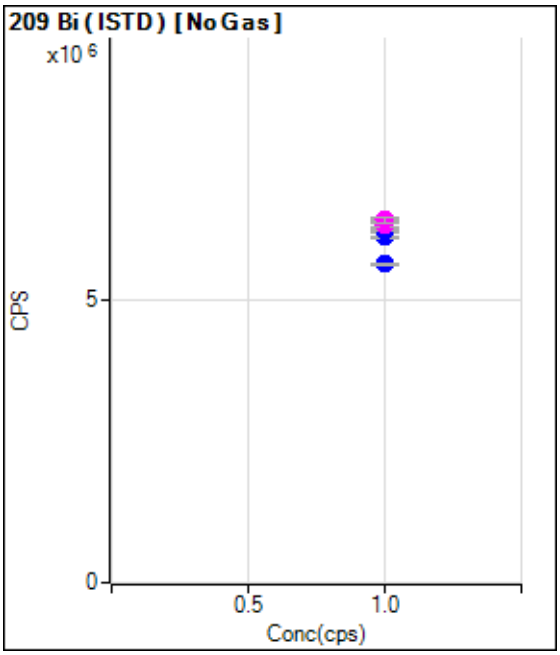
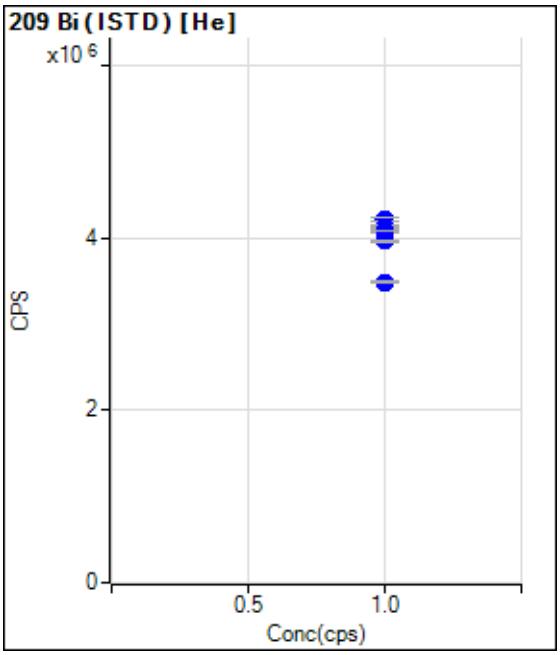
1	☐	1.000		5459329.08		P	0.4
2	☐	1.000		5580502.14		P	0.5
3	☐	1.000		5461876.72		P	0.2
4	☐	1.000		5443923.74		P	1.2
5	☐	1.000		5449318.18		P	0.8
6	☐	1.000		5473033.81		P	0.3
7	☐	1.000		5476280.61		P	0.1
8	☐	1.000		5248284.68		P	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6091121.23		P	0.8
2	☐	1.000		6218956.23		P	1.1
3	☐	1.000		6215695.39		P	0.5
4	☐	1.000		6308385.39		M	0.8
5	☐	1.000		6396109.21		M	1.0
6	☐	1.000		6397404.07		P	0.2
7	☐	1.000		6395387.13		M	1.8
8	☐	1.000		5612761.79		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4140212.12		P	0.2
2	☐	1.000		4205335.74		P	1.0
3	☐	1.000		4131006.01		P	0.4
4	☐	1.000		4075028.10		P	0.8
5	☐	1.000		4075084.25		P	0.5
6	☐	1.000		4079975.46		P	0.1
7	☐	1.000		3959599.70		P	0.2
8	☐	1.000		3485816.65		P	0.3

US EPA Tune Check Sample Report

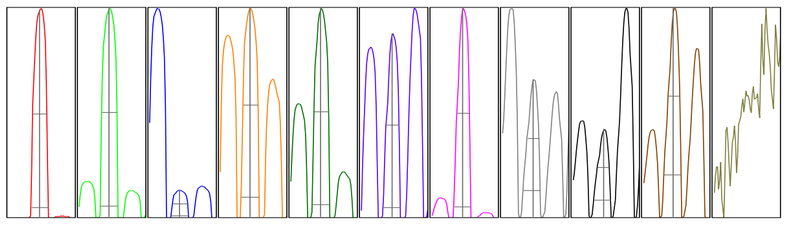
Batch Folder D:\ICP-MS Data\P7081519-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7830	0.23	5.00	
24	239043	0.14	5.00	
25	31654	0.16	5.00	
26	36114	0.37	5.00	
59	60910	0.29	5.00	
113	9063	0.25	5.00	
115	107027	0.29	5.00	
206	27322	0.44	5.00	
207	26848	0.41	5.00	
208	58485	0.33	5.00	
220	93	3.85		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7810	7817	7843	7826	7853
24	238715	239024	239267	238735	239472
25	31691	31625	31721	31598	31637
26	36097	36138	36303	36109	35923
59	60965	60867	61180	60710	60826
113	9061	9090	9075	9030	9056
115	107282	107279	107183	106600	106790
206	27281	27512	27311	27184	27321
207	26820	26966	26823	26692	26940
208	58288	58549	58634	58267	58685
220	89	90	94	98	93

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	12934	8.95	8.9 - 9.1		0.782	0.900	
24	367352	23.90	23.9 - 24.1		0.789	0.900	
25	48786	24.90	24.9 - 25.1		0.789	0.900	
26	55875	25.90	25.9 - 26.1		0.808	0.900	
59	98843	58.90	58.9 - 59.1		0.786	0.900	
113	16317	112.95	112.9 - 113.1		0.773	0.900	
115	195646	114.95	114.9 - 115.1		0.770	0.900	
206	48726	205.95	205.9 - 206.1		0.765	0.900	
207	44417	206.95	206.9 - 207.1		0.753	0.900	
208	105203	207.90	207.9 - 208.1		0.772	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	6.8	V	Deflect	14.0	V
Extract 2	-75.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-38	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14806	0.45	
89	31079	0.24	
205	27469	0.30	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14835	14856	14758	14868	14715
89	31044	31023	31142	31173	31014
205	27411	27524	27393	27586	27433

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	7.8	V	Deflect	1.6	V
Extract 2	-90.0	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	200	V			

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.20	-0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.02	0.05	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	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.36	-0.31	-0.05	0.00	N/A	ppb
Boron	11-1	-0.10	0.02	0.08	0.00	N/A	ppb
Cadmium	111-1	-0.12	0.08	0.04	0.00	N/A	ppb
Cadmium	106-1	-1.67	1.20	0.47	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.06	0.02	0.00	N/A	ppb
Calcium	43-1	0.29	-1.03	0.74	0.00	N/A	ppb
Calcium	44-1	1.21	0.14	-1.35	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	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	0.00	-0.05	0.06	0.00	N/A	ppb
Iron	57-2	0.98	-0.99	0.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.23	0.32	-0.09	0.00	N/A	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-29.94	-27.16	-18.44	-25.18		ppb
Potassium	39-2	1.03	0.05	-1.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.39	-0.19	-0.19	0.00	N/A	ppb
Selenium	78-2	-0.26	0.81	-0.54	0.00	N/A	ppb
Selenium	82-1	-0.30	0.24	0.06	0.00	N/A	ppb
Silicon	28-1	0.14	0.19	-0.33	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.92	0.09	0.83	0.00	N/A	ppb
Strontium	86-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	187.62	66.16	-4.91	82.96	117.36	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Uranium	238-1	0.01	-0.01	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 :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.01	0.01	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	19.10	19.69	19.52	1.90	ppb
Antimony	121-1	2.08	2.03	2.10	2.07	1.77	ppb
Arsenic	75-2	0.97	1.14	0.94	1.02	10.45	ppb
Barium	135-1	9.96	10.75	10.64	10.45	4.08	ppb
Barium	137-1	10.22	10.34	10.65	10.40	2.12	ppb
Beryllium	9-1	1.05	1.01	1.18	1.08	8.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	22.79	25.88	24.28	24.32	6.35	ppb
Boron	11-1	23.12	23.54	24.28	23.65	2.48	ppb
Cadmium	111-1	0.99	1.21	1.14	1.11	9.96	ppb
Cadmium	106-1	-0.67	2.87	2.26	1.49	127.54	ppb
Cadmium	108-1	0.84	0.86	1.25	0.99	23.62	ppb
Calcium	43-1	473.95	464.61	490.51	476.36	2.75	ppb
Calcium	44-1	466.14	477.50	470.22	471.29	1.22	ppb
Chromium	52-2	1.95	2.00	1.88	1.94	3.12	ppb
Cobalt	59-2	1.06	1.04	1.00	1.03	3.24	ppb
Copper	63-2	1.96	1.95	2.00	1.97	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	56.36	56.32	55.97	56.22	0.39	ppb
Iron	57-2	60.09	54.54	60.44	58.35	5.67	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	0.93	0.95	2.02	ppb
Lead	207-1	0.93	0.99	0.95	0.95	3.29	ppb
Lead	208-1	0.93	0.93	0.92	0.93	0.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	499.13	505.28	505.21	503.20	0.70	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	0.97	1.08	1.04	5.79	ppb
Molybdenum	94-1	4.61	4.61	4.39	4.54	2.77	ppb
Molybdenum	95-1	4.74	4.75	4.76	4.75	0.20	ppb
Molybdenum	96-1	4.71	4.73	4.82	4.75	1.23	ppb
Molybdenum	97-1	4.53	4.72	5.01	4.75	5.11	ppb
Molybdenum	98-1	4.77	4.66	4.77	4.73	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.17	0.95	1.08	10.76	ppb
Phosphorus	31-2	30.39	19.49	25.66	25.18	21.71	ppb
Potassium	39-2	495.85	507.01	490.65	497.84	1.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	6.05	6.08	9.67	7.27	28.65	ppb
Selenium	78-2	6.56	6.50	5.51	6.19	9.51	ppb
Selenium	82-1	5.44	4.98	6.20	5.54	11.10	ppb
Silicon	28-1	7.86	7.49	7.07	7.47	5.24	ppb
Silver	109-1	1.14	1.14	1.14	1.14	0.30	ppb
Silver	107-1	1.22	1.16	1.14	1.17	3.35	ppb
Sodium	23-2	480.31	483.19	488.64	484.05	0.87	ppb
Strontium	86-1	0.98	0.99	1.04	1.00	3.38	ppb
Strontium	88-1	1.00	0.99	0.96	0.98	1.76	ppb
Sulfur	34-1	-45.16	-71.65	-132.05	-82.96		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.96	0.92	0.95	2.69	ppb
Thallium	205-1	0.90	0.95	0.93	0.93	2.77	ppb
Thorium	232-1	0.79	0.80	0.79	0.79	0.92	ppb
Tin	118-1	5.42	5.53	5.28	5.41	2.29	ppb
Titanium	47-1	5.25	5.60	5.09	5.31	4.86	ppb
Uranium	238-1	0.89	0.87	0.82	0.86	4.31	ppb
Vanadium	51-2	5.15	5.27	5.29	5.24	1.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.07	1.76	2.08	1.97	9.26	ppb
Zirconium	90-1	0.86	0.84	0.85	0.85	1.23	ppb
Zirconium	91-1	0.84	0.93	0.81	0.86	7.64	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	983.93	975.75	995.64	985.10	1.01	ppb
Antimony	121-1	54.29	53.50	54.27	54.02	0.83	ppb
Arsenic	75-2	52.47	53.26	54.66	53.46	2.08	ppb
Barium	135-1	265.85	265.48	263.38	264.90	0.50	ppb
Barium	137-1	265.04	261.67	264.49	263.73	0.69	ppb
Beryllium	9-1	53.40	53.36	52.94	53.23	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	50.99	52.22	48.87	50.69	3.34	ppb
Boron	11-1	50.50	50.11	51.64	50.75	1.56	ppb
Cadmium	111-1	55.39	54.74	54.81	54.98	0.65	ppb
Cadmium	106-1	58.46	55.14	59.97	57.85	4.27	ppb
Cadmium	108-1	55.19	56.31	54.19	55.23	1.92	ppb
Calcium	43-1	4938.29	4997.62	4993.97	4976.63	0.67	ppb
Calcium	44-1	4881.39	4888.80	4864.84	4878.34	0.25	ppb
Chromium	52-2	51.75	51.55	52.02	51.77	0.46	ppb
Cobalt	59-2	53.26	52.84	53.41	53.17	0.56	ppb
Copper	63-2	102.81	103.42	103.56	103.26	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2659.85	2652.10	2675.77	2662.58	0.45	ppb
Iron	57-2	2699.32	2662.83	2720.02	2694.06	1.07	ppb
Krypton	83-1						cps
Lead	206-1	50.08	50.29	50.68	50.35	0.61	ppb
Lead	207-1	49.45	50.12	50.74	50.10	1.28	ppb
Lead	208-1	49.25	49.27	49.91	49.48	0.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	5067.60	5068.50	5098.79	5078.30	0.35	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.43	101.14	101.27	101.62	0.70	ppb
Molybdenum	94-1	248.03	251.40	247.26	248.90	0.89	ppb
Molybdenum	95-1	251.16	254.93	251.71	252.60	0.81	ppb
Molybdenum	96-1	249.61	251.32	250.51	250.48	0.34	ppb
Molybdenum	97-1	249.34	250.63	249.08	249.69	0.33	ppb
Molybdenum	98-1	246.78	250.11	249.51	248.80	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.29	53.41	53.88	53.86	0.82	ppb
Phosphorus	31-2	981.76	1095.44	1078.43	1051.88	5.83	ppb
Potassium	39-2	2582.60	2543.78	2599.17	2575.18	1.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	44.96	57.38	55.10	52.48	12.59	ppb
Selenium	78-2	48.46	50.83	50.51	49.93	2.58	ppb
Selenium	82-1	54.37	52.47	53.26	53.37	1.79	ppb
Silicon	28-1	50.62	51.73	51.31	51.22	1.10	ppb
Silver	109-1	56.99	56.06	55.95	56.33	1.01	ppb
Silver	107-1	56.41	55.78	56.73	56.31	0.85	ppb
Sodium	23-2	5013.52	5021.40	5058.25	5031.05	0.47	ppb
Strontium	86-1	50.99	51.20	50.44	50.87	0.77	ppb
Strontium	88-1	50.13	49.96	50.11	50.07	0.18	ppb
Sulfur	34-1	1046.73	1037.83	1084.97	1056.51	2.37	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	48.86	48.62	49.17	48.88	0.56	ppb
Thallium	205-1	48.81	48.46	49.12	48.80	0.67	ppb
Thorium	232-1	45.88	46.22	46.16	46.08	0.39	ppb
Tin	118-1	54.69	54.66	54.23	54.53	0.48	ppb
Titanium	47-1	253.48	252.55	255.54	253.86	0.60	ppb
Uranium	238-1	46.76	46.10	46.63	46.50	0.76	ppb
Vanadium	51-2	50.42	51.08	51.32	50.94	0.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	96.40	96.82	97.04	96.75	0.33	ppb
Zirconium	90-1	49.99	49.45	49.33	49.59	0.71	ppb
Zirconium	91-1	50.38	50.86	50.44	50.56	0.52	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2520.45	2517.81	2503.28	2513.85	0.37	ppb
Antimony	121-1	133.29	134.02	131.64	132.98	0.91	ppb
Arsenic	75-2	132.64	133.05	131.56	132.42	0.58	ppb
Barium	135-1	661.35	658.47	651.66	657.16	0.76	ppb
Barium	137-1	648.99	648.62	646.87	648.16	0.17	ppb
Beryllium	9-1	132.89	131.53	133.15	132.52	0.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	125.67	123.41	131.48	126.85	3.28	ppb
Boron	11-1	126.58	126.73	129.38	127.56	1.23	ppb
Cadmium	111-1	134.67	133.91	133.50	134.03	0.45	ppb
Cadmium	106-1	137.21	134.88	134.26	135.45	1.15	ppb
Cadmium	108-1	137.71	137.87	134.97	136.85	1.19	ppb
Calcium	43-1	12303.56	12267.05	12332.25	12300.95	0.27	ppb
Calcium	44-1	12204.93	12182.51	12251.31	12212.92	0.29	ppb
Chromium	52-2	129.42	129.75	129.10	129.42	0.25	ppb
Cobalt	59-2	131.47	131.34	131.49	131.43	0.06	ppb
Copper	63-2	256.18	255.70	254.51	255.46	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	6648.76	6651.55	6659.69	6653.33	0.09	ppb
Iron	57-2	6712.49	6694.93	6771.68	6726.37	0.60	ppb
Krypton	83-1						cps
Lead	206-1	126.36	123.87	126.24	125.49	1.12	ppb
Lead	207-1	125.82	125.27	126.91	126.00	0.66	ppb
Lead	208-1	124.62	122.94	124.98	124.18	0.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	12810.02	12731.17	12790.15	12777.11	0.32	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.43	257.50	257.62	257.18	0.25	ppb
Molybdenum	94-1	616.54	628.56	623.69	622.93	0.97	ppb
Molybdenum	95-1	623.16	632.42	629.37	628.32	0.75	ppb
Molybdenum	96-1	624.16	632.22	625.31	627.23	0.69	ppb
Molybdenum	97-1	617.99	629.16	625.44	624.20	0.91	ppb
Molybdenum	98-1	619.08	630.45	621.79	623.77	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.45	134.09	132.53	133.69	0.76	ppb
Phosphorus	31-2	2617.54	2705.54	2637.59	2653.56	1.74	ppb
Potassium	39-2	6392.15	6403.44	6437.96	6411.18	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	139.10	130.89	121.27	130.42	6.84	ppb
Selenium	78-2	129.99	137.85	131.35	133.06	3.16	ppb
Selenium	82-1	130.53	133.76	134.68	132.99	1.64	ppb
Silicon	28-1	130.06	129.76	131.88	130.57	0.88	ppb
Silver	109-1	135.72	135.99	135.48	135.73	0.19	ppb
Silver	107-1	136.77	136.96	135.45	136.39	0.60	ppb
Sodium	23-2	12859.56	12701.76	12797.91	12786.41	0.62	ppb
Strontium	86-1	125.68	129.05	127.12	127.29	1.33	ppb
Strontium	88-1	124.23	125.11	125.23	124.86	0.44	ppb
Sulfur	34-1	2439.94	2321.69	2464.29	2408.64	3.17	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	124.25	122.28	124.30	123.61	0.93	ppb
Thallium	205-1	122.42	122.04	123.41	122.62	0.58	ppb
Thorium	232-1	117.87	116.50	118.44	117.61	0.85	ppb
Tin	118-1	134.16	134.09	133.23	133.83	0.39	ppb
Titanium	47-1	640.85	636.90	638.27	638.68	0.31	ppb
Uranium	238-1	119.04	117.92	118.75	118.57	0.49	ppb
Vanadium	51-2	129.79	128.09	126.71	128.20	1.20	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	239.84	242.25	239.48	240.52	0.63	ppb
Zirconium	90-1	125.15	125.45	126.05	125.55	0.37	ppb
Zirconium	91-1	126.87	128.56	128.94	128.13	0.86	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5006.41	5039.52	4878.29	4974.74	1.71	ppb
Antimony	121-1	261.13	262.51	260.23	261.29	0.44	ppb
Arsenic	75-2	258.42	260.84	257.72	259.00	0.63	ppb
Barium	135-1	1282.57	1292.29	1284.50	1286.45	0.40	ppb
Barium	137-1	1276.17	1280.74	1272.80	1276.57	0.31	ppb
Beryllium	9-1	261.30	260.39	257.44	259.71	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	253.94	251.11	256.39	253.82	1.04	ppb
Boron	11-1	251.76	251.19	251.79	251.58	0.13	ppb
Cadmium	111-1	259.24	259.68	255.86	258.26	0.81	ppb
Cadmium	106-1	265.00	262.01	253.96	260.33	2.19	ppb
Cadmium	108-1	266.81	262.22	258.11	262.38	1.66	ppb
Calcium	43-1	24935.88	25169.00	24674.34	24926.41	0.99	ppb
Calcium	44-1	24804.38	24820.15	24630.31	24751.62	0.43	ppb
Chromium	52-2	257.82	259.38	255.62	257.61	0.73	ppb
Cobalt	59-2	262.61	263.11	258.86	261.52	0.89	ppb
Copper	63-2	504.54	508.14	501.05	504.58	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	13439.42	13489.08	13226.37	13384.96	1.04	ppb
Iron	57-2	13523.55	13523.32	13341.19	13462.68	0.78	ppb
Krypton	83-1						cps
Lead	206-1	255.78	252.15	251.06	253.00	0.98	ppb
Lead	207-1	254.43	252.00	252.84	253.09	0.49	ppb
Lead	208-1	250.38	248.66	248.10	249.05	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	25795.44	25882.57	25607.68	25761.90	0.55	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	514.46	519.47	507.45	513.80	1.18	ppb
Molybdenum	94-1	1248.40	1246.08	1247.40	1247.29	0.09	ppb
Molybdenum	95-1	1257.52	1252.49	1249.56	1253.19	0.32	ppb
Molybdenum	96-1	1256.23	1260.93	1249.51	1255.56	0.46	ppb
Molybdenum	97-1	1253.11	1255.78	1243.77	1250.89	0.50	ppb
Molybdenum	98-1	1270.86	1267.57	1269.39	1269.28	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.37	266.94	261.80	264.37	0.97	ppb
Phosphorus	31-2	5146.84	5085.17	5397.18	5209.73	3.17	ppb
Potassium	39-2	12843.67	12867.48	12691.42	12800.86	0.75	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	291.16	276.03	255.78	274.32	6.47	ppb
Selenium	78-2	262.04	256.33	268.26	262.21	2.28	ppb
Selenium	82-1	263.03	262.15	262.37	262.52	0.18	ppb
Silicon	28-1	263.49	265.59	263.08	264.05	0.51	ppb
Silver	109-1	257.66	258.77	257.76	258.06	0.24	ppb
Silver	107-1	262.42	261.46	257.10	260.33	1.09	ppb
Sodium	23-2	25869.52	25904.36	25592.91	25788.93	0.66	ppb
Strontium	86-1	254.50	256.54	253.21	254.75	0.66	ppb
Strontium	88-1	249.38	252.09	248.15	249.87	0.81	ppb
Sulfur	34-1	4839.11	4732.48	4505.63	4692.41	3.63	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	249.16	247.82	246.26	247.75	0.59	ppb
Thallium	205-1	247.20	244.30	244.76	245.42	0.63	ppb
Thorium	232-1	243.16	242.57	236.71	240.81	1.48	ppb
Tin	118-1	261.40	262.33	260.34	261.36	0.38	ppb
Titanium	47-1	1285.59	1271.34	1265.24	1274.06	0.82	ppb
Uranium	238-1	242.58	244.10	239.78	242.15	0.91	ppb
Vanadium	51-2	253.65	256.61	254.37	254.88	0.61	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	485.39	485.15	473.14	481.23	1.45	ppb
Zirconium	90-1	250.63	249.45	248.48	249.52	0.43	ppb
Zirconium	91-1	254.12	254.05	255.21	254.46	0.26	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9884.17	9777.50	9746.23	9802.64	0.74	ppb
Antimony	121-1	507.57	510.14	509.70	509.14	0.27	ppb
Arsenic	75-2	512.33	507.62	511.73	510.56	0.50	ppb
Barium	135-1	2495.73	2528.22	2522.01	2515.32	0.69	ppb
Barium	137-1	2521.80	2549.50	2549.53	2540.28	0.63	ppb
Beryllium	9-1	503.68	507.96	510.51	507.38	0.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	489.08	509.96	519.86	506.30	3.10	ppb
Boron	11-1	497.30	507.48	517.46	507.41	1.99	ppb
Cadmium	111-1	497.23	503.63	504.04	501.63	0.76	ppb
Cadmium	106-1	496.45	492.88	509.73	499.69	1.78	ppb
Cadmium	108-1	506.72	507.90	507.05	507.22	0.12	ppb
Calcium	43-1	49021.45	49319.22	49400.98	49247.22	0.41	ppb
Calcium	44-1	48854.98	49574.12	49396.50	49275.20	0.76	ppb
Chromium	52-2	506.61	502.12	501.70	503.48	0.54	ppb
Cobalt	59-2	507.70	506.68	504.47	506.29	0.33	ppb
Copper	63-2	965.19	971.11	965.67	967.32	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	26186.28	26213.91	26105.50	26168.57	0.22	ppb
Iron	57-2	26430.77	26427.72	26177.83	26345.44	0.55	ppb
Krypton	83-1						cps
Lead	206-1	502.78	504.83	504.34	503.99	0.21	ppb
Lead	207-1	503.12	508.99	504.61	505.57	0.60	ppb
Lead	208-1	496.91	500.32	496.76	497.99	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	51831.92	51360.36	50913.14	51368.47	0.89	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.27	1010.78	996.84	1005.63	0.76	ppb
Molybdenum	94-1	2520.64	2516.28	2507.27	2514.73	0.27	ppb
Molybdenum	95-1	2514.36	2516.36	2519.10	2516.60	0.09	ppb
Molybdenum	96-1	2522.92	2510.48	2513.63	2515.68	0.26	ppb
Molybdenum	97-1	2470.58	2473.79	2467.42	2470.60	0.13	ppb
Molybdenum	98-1	2509.61	2523.27	2523.97	2518.95	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.15	512.12	508.82	510.03	0.36	ppb
Phosphorus	31-2	10325.87	9847.95	10140.36	10104.73	2.38	ppb
Potassium	39-2	25270.35	25124.89	24954.86	25116.70	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	494.38	492.83	491.02	492.75	0.34	ppb
Selenium	78-2	523.60	512.44	526.47	520.84	1.42	ppb
Selenium	82-1	512.11	510.86	515.35	512.77	0.45	ppb
Silicon	28-1	518.59	529.43	527.29	525.10	1.09	ppb
Silver	109-1	491.29	492.92	495.99	493.40	0.48	ppb
Silver	107-1	492.79	493.27	494.90	493.65	0.22	ppb
Sodium	23-2	51786.19	51400.22	51052.01	51412.81	0.71	ppb
Strontium	86-1	505.37	508.29	504.04	505.90	0.43	ppb
Strontium	88-1	504.15	504.89	503.78	504.27	0.11	ppb
Sulfur	34-1	9814.43	9892.00	9673.16	9793.20	1.13	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	497.07	495.52	501.40	498.00	0.61	ppb
Thallium	205-1	497.41	500.17	502.08	499.89	0.47	ppb
Thorium	232-1	498.41	499.18	498.04	498.55	0.12	ppb
Tin	118-1	509.25	512.80	512.03	511.36	0.37	ppb
Titanium	47-1	2515.03	2533.07	2516.16	2521.42	0.40	ppb
Uranium	238-1	499.68	500.44	501.45	500.52	0.18	ppb
Vanadium	51-2	502.34	501.25	497.68	500.42	0.49	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	935.98	938.36	934.03	936.12	0.23	ppb
Zirconium	90-1	492.72	492.58	492.26	492.52	0.05	ppb
Zirconium	91-1	503.25	509.00	503.24	505.16	0.66	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19671.79	19532.83	19400.38	19535.00	0.69	ppb
Antimony	121-1	1003.78	984.33	986.12	991.41	1.08	ppb
Arsenic	75-2	987.53	992.45	994.14	991.37	0.35	ppb
Barium	135-1	4987.98	4973.89	4973.52	4978.46	0.17	ppb
Barium	137-1	4964.87	4988.81	4955.23	4969.64	0.35	ppb
Beryllium	9-1	991.08	990.86	996.39	992.78	0.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	989.94	989.32	1007.68	995.65	1.05	ppb
Boron	11-1	989.10	996.54	1001.08	995.57	0.61	ppb
Cadmium	111-1	999.54	994.57	993.12	995.74	0.34	ppb
Cadmium	106-1	999.70	995.68	992.25	995.88	0.37	ppb
Cadmium	108-1	992.76	998.14	983.76	991.55	0.73	ppb
Calcium	43-1	97530.37	97481.38	98198.56	97736.77	0.41	ppb
Calcium	44-1	97999.71	97306.88	97554.62	97620.41	0.36	ppb
Chromium	52-2	991.22	1001.70	994.24	995.72	0.54	ppb
Cobalt	59-2	989.41	1000.48	989.15	993.01	0.65	ppb
Copper	63-2	2012.78	2025.80	2004.46	2014.35	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	52061.13	52013.81	51648.26	51907.73	0.44	ppb
Iron	57-2	52090.51	52369.66	51941.04	52133.74	0.42	ppb
Krypton	83-1						cps
Lead	206-1	1005.16	1006.00	980.37	997.18	1.46	ppb
Lead	207-1	1004.97	1002.14	981.81	996.31	1.27	ppb
Lead	208-1	1008.40	1008.80	986.91	1001.37	1.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	102689.50	102354.38	101916.82	102320.23	0.38	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1994.39	2001.70	1982.18	1992.76	0.49	ppb
Molybdenum	94-1	4988.24	4987.19	5005.45	4993.63	0.21	ppb
Molybdenum	95-1	4982.37	4982.48	5006.22	4990.36	0.28	ppb
Molybdenum	96-1	4978.85	4978.79	5013.76	4990.47	0.40	ppb
Molybdenum	97-1	5000.55	5010.74	5032.50	5014.60	0.33	ppb
Molybdenum	98-1	4984.86	4992.16	4980.74	4985.92	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.91	998.12	982.31	990.11	0.80	ppb
Phosphorus	31-2	19739.53	19800.67	20080.04	19873.42	0.91	ppb
Potassium	39-2	49966.95	50098.86	49969.29	50011.70	0.15	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	1016.00	993.18	981.02	996.73	1.78	ppb
Selenium	78-2	976.30	1002.45	977.81	985.52	1.49	ppb
Selenium	82-1	985.62	989.34	992.99	989.32	0.37	ppb
Silicon	28-1	976.54	980.22	992.85	983.20	0.87	ppb
Silver	109-1	1007.04	993.63	998.21	999.63	0.68	ppb
Silver	107-1	1000.06	1001.21	995.28	998.85	0.31	ppb
Sodium	23-2	102868.85	103186.34	102467.75	102840.98	0.35	ppb
Strontium	86-1	998.00	990.67	997.93	995.53	0.42	ppb
Strontium	88-1	999.36	993.88	1000.49	997.91	0.35	ppb
Sulfur	34-1	20142.87	20040.50	20383.31	20188.89	0.87	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1004.45	1009.32	991.61	1001.79	0.91	ppb
Thallium	205-1	1004.85	1007.09	992.73	1001.56	0.77	ppb
Thorium	232-1	1005.42	1010.69	996.33	1004.14	0.72	ppb
Tin	118-1	993.26	987.24	989.94	990.15	0.30	ppb
Titanium	47-1	4971.27	4965.99	5006.86	4981.37	0.45	ppb
Uranium	238-1	1004.45	1011.49	992.09	1002.68	0.98	ppb
Vanadium	51-2	993.76	1005.68	994.93	998.12	0.66	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2033.64	2056.04	2024.26	2037.98	0.80	ppb
Zirconium	90-1	1004.38	1004.71	1002.35	1003.81	0.13	ppb
Zirconium	91-1	995.71	994.88	997.07	995.89	0.11	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99904.89	100864.70	99571.82	100113.80	0.67	ppb
Antimony	121-1	1.71	1.72	1.71	1.71	0.26	ppb
Arsenic	75-2	1.59	1.29	1.21	1.36	14.70	ppb
Barium	135-1	1.65	1.60	1.20	1.49	16.84	ppb
Barium	137-1	1.56	1.25	1.17	1.33	15.49	ppb
Beryllium	9-1	0.34	0.19	0.22	0.25	32.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	57.33	47.66	45.28	50.09	12.74	ppb
Boron	11-1	51.89	48.50	44.47	48.28	7.69	ppb
Cadmium	111-1	0.31	0.06	0.11	0.16	81.85	ppb
Cadmium	106-1	1.25	-2.05	-1.15	-0.65		ppb
Cadmium	108-1	0.47	0.23	0.02	0.24	92.72	ppb
Calcium	43-1	501135.40	501042.47	499432.65	500536.84	0.19	ppb
Calcium	44-1	501636.43	500267.70	499803.59	500569.24	0.19	ppb
Chromium	52-2	18.92	18.66	18.47	18.68	1.21	ppb
Cobalt	59-2	11.64	11.63	11.53	11.60	0.52	ppb
Copper	63-2	2.99	2.85	2.91	2.92	2.48	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				102		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	248956.51	249826.96	249553.45	249445.64	0.18	ppb
Iron	57-2	249705.09	249514.05	248911.03	249376.72	0.17	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.11	1.10	1.10	0.58	ppb
Lead	207-1	1.14	1.04	0.94	1.04	9.66	ppb
Lead	208-1	1.09	1.07	1.02	1.06	3.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	499798.89	500986.11	497274.89	499353.30	0.38	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.81	7.74	7.75	7.77	0.49	ppb
Molybdenum	94-1	4.23	3.73	3.69	3.88	7.72	ppb
Molybdenum	95-1	4.85	4.71	4.40	4.65	4.96	ppb
Molybdenum	96-1	6.30	6.15	6.13	6.19	1.46	ppb
Molybdenum	97-1	4.43	4.47	4.47	4.46	0.48	ppb
Molybdenum	98-1	4.63	4.38	4.21	4.41	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.77	19.12	20.43	19.77	3.32	ppb
Phosphorus	31-2	-10.78	-33.33	-39.97	-28.02		ppb
Potassium	39-2	248540.12	251803.89	249554.50	249966.17	0.67	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	-0.19	0.46	-0.19	0.02	1550.38	ppb
Selenium	78-2	0.16	-0.06	0.25	0.12	135.61	ppb
Selenium	82-1	1.17	0.49	0.83	0.83	40.60	ppb
Silicon	28-1	27.75	28.37	27.61	27.91	1.46	ppb
Silver	109-1	0.25	0.19	0.16	0.20	21.45	ppb
Silver	107-1	0.25	0.22	0.22	0.23	8.16	ppb
Sodium	23-2	499267.24	500698.73	497764.90	499243.62	0.29	ppb
Strontium	86-1	4.47	4.48	4.20	4.38	3.62	ppb
Strontium	88-1	4.46	4.42	4.33	4.40	1.47	ppb
Sulfur	34-1	-726.80	-686.87	-772.38	-728.68		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.40	0.36	0.33	0.36	10.62	ppb
Thallium	205-1	0.43	0.37	0.33	0.38	14.13	ppb
Thorium	232-1	0.36	0.30	0.28	0.31	12.17	ppb
Tin	118-1	0.59	0.59	0.54	0.57	4.86	ppb
Titanium	47-1	2.17	2.24	2.30	2.24	2.93	ppb
Uranium	238-1	0.23	0.22	0.18	0.21	12.15	ppb
Vanadium	51-2	0.26	0.24	0.25	0.25	2.74	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.96	31.52	31.79	31.75	0.70	ppb
Zirconium	90-1	0.41	0.40	0.32	0.38	12.34	ppb
Zirconium	91-1	0.47	0.37	0.37	0.40	13.93	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.34	485.79	473.70	476.61	1.71	ppb
Antimony	121-1	192.08	198.66	198.63	196.46	1.93	ppb
Arsenic	75-2	201.90	205.38	203.69	203.65	0.85	ppb
Barium	135-1	96.46	99.14	98.80	98.13	1.49	ppb
Barium	137-1	96.25	98.91	98.27	97.81	1.42	ppb
Beryllium	9-1	95.34	97.01	97.02	96.46	1.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	20.59	19.89	19.64	20.04	2.44	ppb
Boron	11-1	20.13	20.05	20.64	20.27	1.57	ppb
Cadmium	111-1	97.55	98.22	99.93	98.57	1.24	ppb
Cadmium	106-1	80.25	78.76	81.46	80.16	1.69	ppb
Cadmium	108-1	102.01	108.53	103.60	104.71	3.25	ppb
Calcium	43-1	1907.77	1937.77	1941.95	1929.17	0.97	ppb
Calcium	44-1	1890.93	1940.20	1944.45	1925.19	1.55	ppb
Chromium	52-2	96.38	97.59	95.47	96.48	1.10	ppb
Cobalt	59-2	100.18	100.56	99.03	99.93	0.80	ppb
Copper	63-2	97.29	97.99	95.82	97.03	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	1032.61	1038.22	1016.70	1029.18	1.09	ppb
Iron	57-2	1001.25	1065.46	1009.00	1025.24	3.42	ppb
Krypton	83-1						cps
Lead	206-1	196.09	206.57	205.93	202.86	2.90	ppb
Lead	207-1	194.59	204.46	205.40	201.48	2.97	ppb
Lead	208-1	192.58	201.38	202.94	198.97	2.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	1202.92	1196.06	1166.69	1188.56	1.62	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.37	95.87	94.59	95.61	0.96	ppb
Molybdenum	94-1	1625.06	1671.20	1658.66	1651.64	1.44	ppb
Molybdenum	95-1	2370.18	2438.38	2430.26	2412.94	1.54	ppb
Molybdenum	96-1	2278.52	2347.20	2343.72	2323.15	1.67	ppb
Molybdenum	97-1	2304.86	2364.94	2357.28	2342.36	1.40	ppb
Molybdenum	98-1	2370.49	2445.34	2417.24	2411.02	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.95	104.81	100.13	102.30	2.31	ppb
Phosphorus	31-2	-28.40	-37.49	-22.71	-29.54		ppb
Potassium	39-2	1961.29	1983.93	1952.82	1966.01	0.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	196.49	228.37	182.93	202.60	11.52	ppb
Selenium	78-2	192.57	199.52	193.22	195.11	1.97	ppb
Selenium	82-1	197.92	202.74	203.28	201.31	1.47	ppb
Silicon	28-1	1.70	3.66	4.10	3.15	40.65	ppb
Silver	109-1	90.13	91.20	92.38	91.24	1.23	ppb
Silver	107-1	90.71	92.10	92.69	91.83	1.11	ppb
Sodium	23-2	1999.50	2029.01	1991.02	2006.51	0.99	ppb
Strontium	86-1	2.10	2.31	2.12	2.18	5.40	ppb
Strontium	88-1	2.22	2.17	2.16	2.19	1.55	ppb
Sulfur	34-1	-746.15	-686.17	-837.44	-756.59		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	202.72	214.05	215.93	210.90	3.39	ppb
Thallium	205-1	202.62	212.33	212.34	209.10	2.68	ppb
Thorium	232-1	0.10	0.11	0.11	0.11	6.75	ppb
Tin	118-1	0.13	0.10	0.14	0.12	14.48	ppb
Titanium	47-1	2473.92	2523.51	2545.66	2514.36	1.46	ppb
Uranium	238-1	-0.01	-0.02	0.00	-0.01		ppb
Vanadium	51-2	94.02	96.31	95.34	95.22	1.20	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	210.08	213.99	207.23	210.44	1.61	ppb
Zirconium	90-1	0.24	0.19	0.20	0.21	12.12	ppb
Zirconium	91-1	0.29	0.25	0.29	0.28	8.84	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.03	-0.02	-0.08		ppb
Antimony	121-1	0.23	0.22	0.25	0.23	7.71	ppb
Arsenic	75-2	0.00	0.03	-0.01	0.00	416.06	ppb
Barium	135-1	0.01	0.02	0.00	0.01	67.55	ppb
Barium	137-1	0.01	0.01	0.02	0.01	58.21	ppb
Beryllium	9-1	0.09	0.04	0.06	0.06	33.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	12.24	12.86	11.51	12.20	5.52	ppb
Boron	11-1	12.33	11.43	11.11	11.62	5.45	ppb
Cadmium	111-1	-0.04	-0.01	-0.08	-0.05		ppb
Cadmium	106-1	-0.93	-0.55	-1.55	-1.01		ppb
Cadmium	108-1	-0.09	-0.05	0.02	-0.04		ppb
Calcium	43-1	2.23	1.32	2.26	1.94	27.55	ppb
Calcium	44-1	1.32	-0.37	0.56	0.50	168.48	ppb
Chromium	52-2	-0.02	0.00	0.03	0.01	481.93	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	251.60	ppb
Copper	63-2	0.00	-0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.81	0.70	0.85	0.79	9.36	ppb
Iron	57-2	0.34	0.65	0.42	0.47	33.98	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.02	0.05	0.04	48.93	ppb
Lead	207-1	0.03	0.03	0.01	0.03	50.77	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.44	1.35	0.97	1.25	20.13	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	0.60	0.54	0.48	0.54	11.24	ppb
Molybdenum	95-1	0.73	0.77	0.54	0.68	17.81	ppb
Molybdenum	96-1	0.81	0.59	0.67	0.69	16.05	ppb
Molybdenum	97-1	0.79	0.59	0.53	0.64	20.99	ppb
Molybdenum	98-1	0.76	0.70	0.65	0.70	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.06	0.04	42.40	ppb
Phosphorus	31-2	-31.84	-20.13	-28.39	-26.79		ppb
Potassium	39-2	-3.64	-4.42	0.51	-2.52		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	-0.19	-0.19	0.42	0.01	3527.83	ppb
Selenium	78-2	0.17	0.16	0.82	0.38	99.59	ppb
Selenium	82-1	0.04	0.31	0.33	0.23	72.15	ppb
Silicon	28-1	-1.90	-2.12	-1.76	-1.93		ppb
Silver	109-1	0.00	0.00	0.01	0.01	81.98	ppb
Silver	107-1	0.01	0.00	0.01	0.01	73.79	ppb
Sodium	23-2	30.90	28.47	28.59	29.32	4.66	ppb
Strontium	86-1	0.00	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	117.19	ppb
Sulfur	34-1	-598.14	-482.99	-420.77	-500.63		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.08	0.08	0.09	25.19	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	12.65	ppb
Thorium	232-1	0.02	0.00	0.02	0.01	65.75	ppb
Tin	118-1	0.03	-0.01	0.06	0.03	115.46	ppb
Titanium	47-1	0.36	0.39	0.40	0.38	5.17	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	51.15	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.18	0.14	0.13	49.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	2958.65	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	43.61	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88691.49	89768.49	88568.11	89009.36	0.74	ppb
Antimony	121-1	1.11	1.17	1.16	1.14	2.65	ppb
Arsenic	75-2	0.34	0.30	0.23	0.29	19.10	ppb
Barium	135-1	1.45	1.56	1.32	1.45	8.11	ppb
Barium	137-1	1.45	1.50	1.43	1.46	2.18	ppb
Beryllium	9-1	0.30	0.30	0.34	0.31	6.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	9.96	9.83	9.36	9.72	3.22	ppb
Boron	11-1	9.66	9.78	9.31	9.58	2.59	ppb
Cadmium	111-1	0.00	0.14	0.09	0.08	96.56	ppb
Cadmium	106-1	-5.63	-3.85	-4.40	-4.63		ppb
Cadmium	108-1	11.36	10.65	11.08	11.03	3.23	ppb
Calcium	43-1	96163.98	95764.48	95691.71	95873.39	0.27	ppb
Calcium	44-1	97008.07	96522.90	96771.47	96767.48	0.25	ppb
Chromium	52-2	19.46	19.71	19.59	19.59	0.64	ppb
Cobalt	59-2	1.23	1.23	1.21	1.22	0.64	ppb
Copper	63-2	7.22	7.25	7.26	7.24	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	102160.92	102566.51	100826.14	101851.19	0.89	ppb
Iron	57-2	100672.57	101353.85	100387.14	100804.52	0.49	ppb
Krypton	83-1						cps
Lead	206-1	5.04	5.03	4.83	4.97	2.39	ppb
Lead	207-1	4.26	4.22	4.42	4.30	2.44	ppb
Lead	208-1	4.49	4.47	4.53	4.50	0.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	101164.47	101000.71	99860.73	100675.31	0.71	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.47	7.86	7.59	7.64	2.62	ppb
Molybdenum	94-1	1238.56	1224.85	1238.18	1233.86	0.63	ppb
Molybdenum	95-1	1777.51	1749.25	1765.57	1764.11	0.80	ppb
Molybdenum	96-1	1747.38	1732.44	1742.39	1740.74	0.44	ppb
Molybdenum	97-1	1767.29	1750.27	1751.68	1756.41	0.54	ppb
Molybdenum	98-1	1809.82	1808.21	1803.59	1807.21	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.43	5.36	5.43	1.19	ppb
Phosphorus	31-2	98137.61	96305.22	96882.10	97108.31	0.96	ppb
Potassium	39-2	99084.32	99852.81	99026.56	99321.23	0.46	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	-0.19	0.45	0.45	0.24	157.70	ppb
Selenium	78-2	0.23	0.55	0.23	0.34	54.91	ppb
Selenium	82-1	0.27	0.25	0.03	0.18	73.70	ppb
Silicon	28-1	16.96	16.73	16.70	16.79	0.86	ppb
Silver	109-1	0.05	0.04	0.03	0.04	23.24	ppb
Silver	107-1	0.03	0.04	0.03	0.03	20.70	ppb
Sodium	23-2	101477.84	101781.99	100751.99	101337.27	0.52	ppb
Strontium	86-1	32.44	32.89	33.96	33.09	2.36	ppb
Strontium	88-1	32.87	33.09	32.97	32.98	0.34	ppb
Sulfur	34-1	103344.81	102276.68	103267.93	102963.14	0.58	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.14	0.14	0.14	3.65	ppb
Thallium	205-1	0.11	0.13	0.13	0.12	12.09	ppb
Thorium	232-1	0.03	0.02	0.03	0.03	15.98	ppb
Tin	118-1	0.17	0.18	0.22	0.19	14.98	ppb
Titanium	47-1	1979.88	1976.73	1988.48	1981.69	0.31	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.13	ppb
Vanadium	51-2	0.15	0.21	0.13	0.16	24.90	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.16	10.29	10.94	10.47	3.96	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	14.07	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	35.00	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90495.14	88209.58	89361.28	89355.33	1.28	ppb
Antimony	121-1	20.96	18.95	20.68	20.20	5.39	ppb
Arsenic	75-2	19.95	20.03	19.40	19.79	1.73	ppb
Barium	135-1	21.45	20.16	21.15	20.92	3.23	ppb
Barium	137-1	21.74	19.75	21.10	20.86	4.86	ppb
Beryllium	9-1	20.49	19.06	20.06	19.87	3.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	68.75	63.62	65.21	65.86	3.99	ppb
Boron	11-1	66.40	62.19	64.93	64.51	3.31	ppb
Cadmium	111-1	19.60	17.74	18.71	18.68	4.96	ppb
Cadmium	106-1	21.08	21.82	19.81	20.90	4.85	ppb
Cadmium	108-1	33.57	28.30	30.99	30.95	8.50	ppb
Calcium	43-1	96335.21	85890.70	96801.58	93009.16	6.63	ppb
Calcium	44-1	97159.29	87089.83	97872.24	94040.46	6.41	ppb
Chromium	52-2	39.04	39.10	39.47	39.21	0.60	ppb
Cobalt	59-2	20.75	20.63	20.95	20.78	0.80	ppb
Copper	63-2	26.10	26.22	25.78	26.04	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	102382.76	101472.66	102456.41	102103.94	0.54	ppb
Iron	57-2	101304.82	100332.61	101444.04	101027.16	0.60	ppb
Krypton	83-1						cps
Lead	206-1	25.61	22.87	25.78	24.75	6.58	ppb
Lead	207-1	24.36	21.92	24.18	23.49	5.80	ppb
Lead	208-1	24.29	21.77	24.39	23.48	6.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	101036.62	99482.40	99776.10	100098.37	0.82	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.34	27.22	26.68	27.08	1.30	ppb
Molybdenum	94-1	1377.60	1226.77	1353.62	1319.33	6.14	ppb
Molybdenum	95-1	1890.91	1690.04	1877.56	1819.51	6.17	ppb
Molybdenum	96-1	1844.01	1638.45	1810.78	1764.42	6.25	ppb
Molybdenum	97-1	1844.48	1636.79	1810.35	1763.87	6.31	ppb
Molybdenum	98-1	1891.40	1685.64	1866.12	1814.38	6.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.46	24.47	25.32	25.08	2.14	ppb
Phosphorus	31-2	97697.77	96610.34	95705.56	96671.22	1.03	ppb
Potassium	39-2	100009.81	99095.28	98737.74	99280.94	0.66	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	19.50	20.11	18.96	19.52	2.96	ppb
Selenium	78-2	18.58	18.25	20.36	19.06	5.94	ppb
Selenium	82-1	19.15	16.80	18.95	18.30	7.13	ppb
Silicon	28-1	70.11	60.07	69.88	66.68	8.60	ppb
Silver	109-1	18.46	16.66	18.09	17.74	5.37	ppb
Silver	107-1	18.70	16.77	18.11	17.86	5.56	ppb
Sodium	23-2	101146.67	100302.57	100809.59	100752.94	0.42	ppb
Strontium	86-1	102.55	92.15	100.81	98.51	5.66	ppb
Strontium	88-1	100.66	89.81	98.16	96.21	5.90	ppb
Sulfur	34-1	101921.77	91798.09	102586.76	98768.87	6.12	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	20.19	18.27	20.32	19.59	5.85	ppb
Thallium	205-1	20.22	18.36	20.01	19.53	5.22	ppb
Thorium	232-1	0.07	0.05	0.07	0.06	15.51	ppb
Tin	118-1	57.82	53.05	57.20	56.02	4.63	ppb
Titanium	47-1	2031.19	1829.44	2038.58	1966.40	6.03	ppb
Uranium	238-1	57.16	51.29	57.42	55.29	6.27	ppb
Vanadium	51-2	19.88	19.55	19.37	19.60	1.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.29	27.48	27.11	27.63	2.19	ppb
Zirconium	90-1	56.47	50.84	55.03	54.11	5.41	ppb
Zirconium	91-1	57.64	50.86	55.98	54.83	6.45	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50021.75	50062.53	49794.77	49959.68	0.29	ppb
Antimony	121-1	490.05	482.52	487.98	486.85	0.80	ppb
Arsenic	75-2	528.72	522.18	525.98	525.63	0.62	ppb
Barium	135-1	2497.96	2461.45	2471.09	2476.83	0.76	ppb
Barium	137-1	2539.51	2496.09	2535.20	2523.60	0.95	ppb
Beryllium	9-1	504.09	500.27	502.32	502.23	0.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	491.75	494.84	500.79	495.79	0.93	ppb
Boron	11-1	492.24	493.36	495.38	493.66	0.32	ppb
Cadmium	111-1	521.68	511.58	526.47	519.91	1.46	ppb
Cadmium	106-1	530.99	510.68	528.20	523.29	2.10	ppb
Cadmium	108-1	520.68	528.89	523.39	524.32	0.80	ppb
Calcium	43-1	238456.39	238793.16	240343.33	239197.63	0.42	ppb
Calcium	44-1	242538.80	241921.77	243529.73	242663.43	0.33	ppb
Chromium	52-2	502.28	502.48	498.78	501.18	0.42	ppb
Cobalt	59-2	487.51	492.78	488.68	489.66	0.57	ppb
Copper	63-2	1021.44	1019.92	1016.21	1019.19	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	129279.15	129297.62	128138.12	128904.97	0.52	ppb
Iron	57-2	127330.36	127837.37	127253.03	127473.59	0.25	ppb
Krypton	83-1						cps
Lead	206-1	514.99	512.44	515.78	514.40	0.34	ppb
Lead	207-1	511.57	512.88	515.48	513.31	0.39	ppb
Lead	208-1	505.53	506.87	507.25	506.55	0.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	249609.73	250137.83	247937.13	249228.23	0.46	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.40	984.21	982.27	983.96	0.16	ppb
Molybdenum	94-1	2521.76	2504.90	2512.64	2513.10	0.34	ppb
Molybdenum	95-1	2520.06	2501.61	2513.55	2511.74	0.37	ppb
Molybdenum	96-1	2524.04	2508.96	2525.85	2519.62	0.37	ppb
Molybdenum	97-1	2443.40	2440.19	2440.40	2441.33	0.07	ppb
Molybdenum	98-1	2506.00	2515.58	2524.59	2515.39	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.46	490.08	485.14	487.56	0.51	ppb
Phosphorus	31-2	9779.67	9624.98	10062.10	9822.25	2.26	ppb
Potassium	39-2	126652.84	126421.41	125651.24	126241.83	0.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	522.75	489.82	515.69	509.42	3.40	ppb
Selenium	78-2	492.92	497.45	492.36	494.24	0.56	ppb
Selenium	82-1	487.85	485.59	481.20	484.88	0.70	ppb
Silicon	28-1	489.33	493.36	500.82	494.51	1.18	ppb
Silver	109-1	500.98	497.17	502.04	500.06	0.51	ppb
Silver	107-1	506.43	496.18	506.78	503.13	1.20	ppb
Sodium	23-2	247692.24	246711.36	246775.70	247059.77	0.22	ppb
Strontium	86-1	493.96	495.52	495.67	495.05	0.19	ppb
Strontium	88-1	499.75	499.48	501.34	500.19	0.20	ppb
Sulfur	34-1	9784.05	9973.68	10023.69	9927.14	1.27	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	509.45	503.97	512.72	508.72	0.87	ppb
Thallium	205-1	518.95	517.67	521.13	519.25	0.34	ppb
Thorium	232-1	525.16	525.31	527.86	526.11	0.29	ppb
Tin	118-1	494.97	493.91	496.00	494.96	0.21	ppb
Titanium	47-1	2527.26	2517.81	2520.17	2521.75	0.20	ppb
Uranium	238-1	524.53	523.97	523.00	523.83	0.15	ppb
Vanadium	51-2	501.07	499.66	499.19	499.97	0.20	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.13	1064.67	1058.05	1061.62	0.31	ppb
Zirconium	90-1	492.84	492.46	488.29	491.20	0.51	ppb
Zirconium	91-1	503.99	501.56	499.90	501.81	0.41	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.72	3.96	3.39	4.02	16.52	ppb
Antimony	121-1	0.58	0.58	0.58	0.58	0.46	ppb
Arsenic	75-2	0.08	0.01	0.03	0.04	96.59	ppb
Barium	135-1	0.64	0.41	0.41	0.49	28.33	ppb
Barium	137-1	0.61	0.47	0.37	0.48	25.38	ppb
Beryllium	9-1	0.18	0.13	0.10	0.13	30.37	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	18.37	17.26	18.65	18.09	4.06	ppb
Boron	11-1	20.32	19.64	17.41	19.12	7.94	ppb
Cadmium	111-1	0.08	-0.05	-0.05	-0.01		ppb
Cadmium	106-1	-1.22	-2.13	-2.17	-1.84		ppb
Cadmium	108-1	0.04	0.11	-0.03	0.04	164.36	ppb
Calcium	43-1	54.80	47.04	32.29	44.71	25.57	ppb
Calcium	44-1	54.30	37.81	28.90	40.34	31.95	ppb
Chromium	52-2	0.06	0.07	0.06	0.06	7.75	ppb
Cobalt	59-2	0.04	0.02	0.01	0.02	47.54	ppb
Copper	63-2	0.24	0.21	0.18	0.21	15.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	12.89	11.41	10.11	11.47	12.13	ppb
Iron	57-2	10.74	12.46	7.57	10.25	24.19	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.18	0.13	0.18	24.55	ppb
Lead	207-1	0.22	0.16	0.15	0.18	20.85	ppb
Lead	208-1	0.20	0.16	0.15	0.17	17.66	ppb
Lithium	6-1				103		%
Magnesium	24-2	19.01	14.79	13.69	15.83	17.74	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.07	0.04	0.06	24.82	ppb
Molybdenum	94-1	1.04	0.73	0.66	0.81	24.90	ppb
Molybdenum	95-1	1.11	0.89	0.74	0.91	20.32	ppb
Molybdenum	96-1	1.07	0.89	0.77	0.91	16.51	ppb
Molybdenum	97-1	0.96	0.93	0.71	0.87	15.95	ppb
Molybdenum	98-1	1.08	0.79	0.72	0.86	22.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.08	0.06	30.73	ppb
Phosphorus	31-2	-38.22	-41.11	-23.21	-34.18		ppb
Potassium	39-2	10.42	9.56	12.21	10.73	12.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.93	0.23	0.75	0.64	56.48	ppb
Selenium	82-1	0.01	0.34	0.44	0.26	84.10	ppb
Silicon	28-1	-0.55	-1.54	-2.31	-1.47		ppb
Silver	109-1	0.19	0.13	0.13	0.15	23.46	ppb
Silver	107-1	0.16	0.11	0.10	0.13	25.48	ppb
Sodium	23-2	57.30	55.09	54.32	55.57	2.78	ppb
Strontium	86-1	0.11	0.11	0.11	0.11	3.98	ppb
Strontium	88-1	0.12	0.08	0.06	0.09	32.77	ppb
Sulfur	34-1	-805.74	-853.40	-1003.43	-887.52		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.22	0.18	0.21	12.84	ppb
Thallium	205-1	0.26	0.21	0.17	0.21	20.77	ppb
Thorium	232-1	0.14	0.12	0.11	0.12	13.29	ppb
Tin	118-1	0.31	0.20	0.26	0.26	20.49	ppb
Titanium	47-1	0.66	0.53	0.44	0.54	20.01	ppb
Uranium	238-1	0.09	0.07	0.05	0.07	33.96	ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	20.56	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.05	0.22	0.13	66.08	ppb
Zirconium	90-1	0.14	0.10	0.12	0.12	16.47	ppb
Zirconium	91-1	0.23	0.13	0.11	0.16	43.73	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.30	21.96	18.17	20.81	11.02	ppb
Antimony	121-1	2.14	2.07	2.20	2.14	3.06	ppb
Arsenic	75-2	1.05	0.90	0.97	0.97	8.08	ppb
Barium	135-1	9.84	10.04	10.27	10.05	2.18	ppb
Barium	137-1	10.15	10.11	10.05	10.11	0.50	ppb
Beryllium	9-1	1.09	1.06	1.04	1.06	2.42	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	34.56	33.62	33.57	33.92	1.63	ppb
Boron	11-1	33.20	34.92	33.25	33.79	2.90	ppb
Cadmium	111-1	0.82	1.03	0.96	0.94	11.41	ppb
Cadmium	106-1	-1.64	-0.94	-0.10	-0.89		ppb
Cadmium	108-1	0.77	0.79	1.19	0.91	26.26	ppb
Calcium	43-1	470.61	488.88	472.08	477.19	2.13	ppb
Calcium	44-1	478.10	469.96	471.45	473.17	0.92	ppb
Chromium	52-2	2.00	1.95	2.00	1.98	1.29	ppb
Cobalt	59-2	0.99	1.02	0.98	0.99	2.13	ppb
Copper	63-2	2.04	2.03	1.95	2.01	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	57.06	56.74	56.87	56.89	0.28	ppb
Iron	57-2	65.02	60.48	55.27	60.25	8.10	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.97	0.99	0.98	1.62	ppb
Lead	207-1	1.00	1.05	1.02	1.02	2.05	ppb
Lead	208-1	0.99	0.98	0.98	0.98	0.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	513.29	501.58	521.88	512.25	1.99	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.97	1.06	1.02	4.29	ppb
Molybdenum	94-1	4.64	4.82	4.64	4.70	2.24	ppb
Molybdenum	95-1	4.90	4.89	4.98	4.93	1.03	ppb
Molybdenum	96-1	4.67	4.79	4.90	4.79	2.45	ppb
Molybdenum	97-1	4.71	5.08	4.83	4.87	3.79	ppb
Molybdenum	98-1	4.78	4.83	4.71	4.77	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.16	1.15	1.15	0.90	ppb
Phosphorus	31-2	35.01	6.98	24.48	22.16	63.93	ppb
Potassium	39-2	503.48	506.88	519.16	509.84	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	11.24	4.42	7.26	7.64	44.85	ppb
Selenium	78-2	4.84	5.56	4.96	5.12	7.49	ppb
Selenium	82-1	5.39	5.83	5.59	5.60	3.93	ppb
Silicon	28-1	5.94	5.40	5.28	5.54	6.30	ppb
Silver	109-1	1.08	1.07	1.09	1.08	0.96	ppb
Silver	107-1	1.13	1.17	1.04	1.11	6.05	ppb
Sodium	23-2	516.12	520.67	516.38	517.72	0.49	ppb
Strontium	86-1	0.93	0.85	1.03	0.94	9.37	ppb
Strontium	88-1	0.95	0.95	0.95	0.95	0.17	ppb
Sulfur	34-1	-529.56	-733.59	-703.22	-655.46		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	1.08	0.96	0.97	1.00	6.32	ppb
Thallium	205-1	1.01	0.95	0.98	0.98	2.99	ppb
Thorium	232-1	0.88	0.87	0.85	0.87	1.46	ppb
Tin	118-1	5.26	5.29	5.51	5.35	2.54	ppb
Titanium	47-1	5.14	4.87	5.21	5.08	3.53	ppb
Uranium	238-1	0.82	0.85	0.83	0.84	1.62	ppb
Vanadium	51-2	5.13	5.10	5.26	5.16	1.69	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.65	2.56	2.68	2.63	2.43	ppb
Zirconium	90-1	0.91	0.88	0.94	0.91	3.07	ppb
Zirconium	91-1	0.89	0.99	0.93	0.94	5.33	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.06	-0.20	-0.05		ppb
Antimony	121-1	0.05	0.04	0.07	0.05	26.54	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.01	67.52	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	42.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	7.43	6.78	7.45	7.22	5.29	ppb
Boron	11-1	8.06	7.69	6.52	7.43	10.87	ppb
Cadmium	111-1	0.13	0.01	-0.12	0.01	1958.83	ppb
Cadmium	106-1	1.44	-0.14	-1.64	-0.11		ppb
Cadmium	108-1	-0.09	0.01	-0.12	-0.07		ppb
Calcium	43-1	-1.53	2.42	-1.07	-0.06		ppb
Calcium	44-1	-0.78	-1.11	-0.55	-0.81		ppb
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.06	0.05	0.05	20.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.21	0.31	0.04	0.18	72.86	ppb
Iron	57-2	0.33	0.27	-0.17	0.14	188.13	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.05	0.06	19.06	ppb
Lead	207-1	0.05	0.05	0.06	0.05	6.17	ppb
Lead	208-1	0.05	0.06	0.05	0.05	9.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.80	0.37	0.52	0.57	38.07	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.05	0.08	0.04	0.06	30.97	ppb
Molybdenum	95-1	0.06	0.08	0.08	0.07	10.99	ppb
Molybdenum	96-1	0.07	0.07	0.09	0.08	15.97	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	14.67	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.06	15.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	0.04	0.02	124.07	ppb
Phosphorus	31-2	-32.80	-27.46	-38.53	-32.93		ppb
Potassium	39-2	0.03	-3.84	-0.68	-1.50		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.19	0.38	-0.19	0.00		ppb
Selenium	78-2	-0.66	-0.10	0.30	-0.15		ppb
Selenium	82-1	0.11	-0.16	0.28	0.08	293.37	ppb
Silicon	28-1	-2.88	-1.85	-1.88	-2.20		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	34.79	ppb
Sodium	23-2	20.66	19.99	17.91	19.52	7.34	ppb
Strontium	86-1	0.00	0.04	0.01	0.01	169.24	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-470.23	-390.82	-311.61	-390.88		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.03	0.04	30.27	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	12.30	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	24.29	ppb
Tin	118-1	0.06	0.03	0.05	0.05	30.87	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	1701.36	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	87.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.20	0.07	0.01	0.09	100.43	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	48.40	ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	105.83	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.58	38.43	39.44	39.49	2.73	ppb
Antimony	121-1	3.98	3.85	4.02	3.95	2.24	ppb
Arsenic	75-2	2.11	2.14	2.17	2.14	1.50	ppb
Barium	135-1	19.92	20.67	20.32	20.30	1.84	ppb
Barium	137-1	19.98	20.25	20.48	20.24	1.24	ppb
Beryllium	9-1	2.05	2.08	2.05	2.06	0.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	50.61	50.60	50.70	50.64	0.11	ppb
Boron	11-1	50.11	51.48	52.44	51.34	2.27	ppb
Cadmium	111-1	2.08	1.90	2.05	2.01	4.55	ppb
Cadmium	106-1	2.35	0.77	1.24	1.45	55.73	ppb
Cadmium	108-1	2.10	2.03	1.48	1.87	18.11	ppb
Calcium	43-1	920.85	959.80	926.20	935.62	2.26	ppb
Calcium	44-1	921.92	924.96	932.86	926.58	0.61	ppb
Chromium	52-2	4.07	3.99	4.05	4.04	1.09	ppb
Cobalt	59-2	2.04	2.04	2.01	2.03	0.86	ppb
Copper	63-2	3.82	3.97	4.04	3.94	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	431.56	439.65	443.51	438.24	1.39	ppb
Iron	57-2	429.27	439.71	451.39	440.12	2.51	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.84	1.92	1.88	2.01	ppb
Lead	207-1	1.85	1.86	1.95	1.89	3.11	ppb
Lead	208-1	1.86	1.83	1.88	1.86	1.25	ppb
Lithium	6-1				103		%
Magnesium	24-2	1007.51	1030.90	1029.88	1022.76	1.29	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.03	2.05	2.00	2.03	1.21	ppb
Molybdenum	94-1	9.36	9.11	9.09	9.18	1.61	ppb
Molybdenum	95-1	9.56	9.45	9.54	9.52	0.66	ppb
Molybdenum	96-1	9.17	9.23	9.06	9.16	0.92	ppb
Molybdenum	97-1	9.29	9.27	8.92	9.16	2.30	ppb
Molybdenum	98-1	9.30	9.24	9.28	9.28	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.35	2.40	2.33	3.61	ppb
Phosphorus	31-2	77.85	103.92	96.16	92.64	14.45	ppb
Potassium	39-2	978.35	1005.01	1028.02	1003.79	2.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	9.73	8.62	5.76	8.04	25.48	ppb
Selenium	78-2	11.87	10.89	14.39	12.38	14.56	ppb
Selenium	82-1	11.33	11.90	10.66	11.30	5.51	ppb
Silicon	28-1	13.35	13.79	14.07	13.73	2.64	ppb
Silver	109-1	2.30	2.20	2.26	2.25	2.35	ppb
Silver	107-1	2.27	2.15	2.32	2.25	3.93	ppb
Sodium	23-2	983.73	995.18	1011.17	996.69	1.38	ppb
Strontium	86-1	1.89	2.10	1.82	1.94	7.57	ppb
Strontium	88-1	1.93	1.92	1.87	1.90	1.72	ppb
Sulfur	34-1	-319.68	-299.88	-256.63	-292.06		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	1.86	1.88	1.88	1.87	0.73	ppb
Thallium	205-1	1.83	1.83	1.86	1.84	0.87	ppb
Thorium	232-1	1.63	1.62	1.65	1.63	0.81	ppb
Tin	118-1	10.59	10.69	10.54	10.61	0.74	ppb
Titanium	47-1	9.75	9.80	9.78	9.78	0.27	ppb
Uranium	238-1	1.70	1.66	1.65	1.67	1.70	ppb
Vanadium	51-2	10.20	10.36	11.00	10.52	4.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.07	4.15	3.97	4.06	2.31	ppb
Zirconium	90-1	1.74	1.79	1.73	1.75	1.88	ppb
Zirconium	91-1	1.81	1.79	1.84	1.81	1.58	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.21	0.26	-0.10		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	102.17	ppb
Arsenic	75-2	-0.04	-0.06	0.00	-0.04		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	13.71	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	174.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	4.92	4.97	3.83	4.57	14.12	ppb
Boron	11-1	5.34	5.39	5.02	5.25	3.75	ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-0.61	-0.38	-0.47	-0.49		ppb
Cadmium	108-1	-0.09	-0.05	-0.09	-0.08		ppb
Calcium	43-1	-0.72	2.61	0.10	0.66	261.16	ppb
Calcium	44-1	1.74	-0.42	-0.11	0.40	290.93	ppb
Chromium	52-2	-0.04	-0.01	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.09	0.00	0.07	0.06	90.22	ppb
Iron	57-2	0.06	1.04	-0.44	0.22	346.07	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.01	0.02	52.65	ppb
Lead	207-1	0.02	0.02	0.02	0.02	13.96	ppb
Lead	208-1	0.02	0.02	0.01	0.02	18.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.20	0.57	1.03	0.60	69.83	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	-0.04	0.01	0.03	0.00	1691.59	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	22.15	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	34.94	ppb
Molybdenum	97-1	0.00	0.03	-0.01	0.00	483.23	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.03	0.02	92.77	ppb
Phosphorus	31-2	-39.49	-38.84	-35.41	-37.91		ppb
Potassium	39-2	-2.95	-1.82	3.76	-0.34		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	1.22	0.26	0.73	0.74	65.47	ppb
Selenium	82-1	0.41	0.28	0.33	0.34	19.84	ppb
Silicon	28-1	-2.85	-3.16	-2.54	-2.85		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.99	ppb
Silver	107-1	0.00	0.00	0.01	0.00	65.25	ppb
Sodium	23-2	8.03	9.90	11.53	9.82	17.86	ppb
Strontium	86-1	0.02	0.02	-0.02	0.01	371.83	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.29	ppb
Sulfur	34-1	-253.21	-281.97	-254.11	-263.10		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.03	0.02	0.02	61.30	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	28.77	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.03	-0.01	0.02	140.55	ppb
Titanium	47-1	0.03	-0.01	0.00	0.01	261.69	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	63.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.07	-0.05	-0.05		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	59.94	ppb
Zirconium	91-1	0.06	0.02	0.02	0.04	53.04	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.52	35.94	38.29	37.91	4.80	ppb
Antimony	121-1	3.94	3.95	3.87	3.92	1.07	ppb
Arsenic	75-2	1.98	2.02	2.01	2.01	1.16	ppb
Barium	135-1	20.68	21.02	20.24	20.65	1.91	ppb
Barium	137-1	19.91	20.54	20.49	20.31	1.71	ppb
Beryllium	9-1	2.07	2.14	2.11	2.11	1.86	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	52.03	50.07	49.03	50.38	3.02	ppb
Boron	11-1	49.30	50.29	51.74	50.44	2.43	ppb
Cadmium	111-1	1.91	2.26	2.02	2.06	8.72	ppb
Cadmium	106-1	1.76	3.34	1.72	2.27	40.72	ppb
Cadmium	108-1	2.59	2.28	2.33	2.40	6.97	ppb
Calcium	43-1	923.67	941.10	887.70	917.49	2.97	ppb
Calcium	44-1	929.58	922.97	922.30	924.95	0.43	ppb
Chromium	52-2	4.04	4.01	4.04	4.03	0.32	ppb
Cobalt	59-2	2.03	2.03	2.09	2.05	1.64	ppb
Copper	63-2	3.87	3.88	3.94	3.90	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	438.67	436.85	437.15	437.55	0.22	ppb
Iron	57-2	445.60	462.41	435.71	447.91	3.01	ppb
Krypton	83-1						cps
Lead	206-1	1.91	1.88	1.89	1.89	0.88	ppb
Lead	207-1	1.86	1.85	1.85	1.86	0.42	ppb
Lead	208-1	1.84	1.83	1.83	1.83	0.14	ppb
Lithium	6-1				106		%
Magnesium	24-2	1004.04	1007.71	1006.96	1006.24	0.19	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.15	2.16	2.05	2.12	2.82	ppb
Molybdenum	94-1	9.37	9.24	8.88	9.16	2.73	ppb
Molybdenum	95-1	9.37	8.99	9.21	9.19	2.09	ppb
Molybdenum	96-1	9.40	9.32	8.89	9.20	2.97	ppb
Molybdenum	97-1	9.08	9.36	9.11	9.18	1.63	ppb
Molybdenum	98-1	9.22	9.09	9.24	9.18	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.17	2.25	2.14	5.58	ppb
Phosphorus	31-2	68.94	91.28	65.50	75.24	18.60	ppb
Potassium	39-2	1007.47	1003.51	994.63	1001.87	0.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	13.98	12.26	8.85	11.70	22.33	ppb
Selenium	78-2	11.93	13.86	10.87	12.22	12.39	ppb
Selenium	82-1	10.91	10.47	11.02	10.80	2.71	ppb
Silicon	28-1	13.72	13.92	14.22	13.96	1.81	ppb
Silver	109-1	2.29	2.16	2.29	2.25	3.53	ppb
Silver	107-1	2.23	2.35	2.22	2.27	3.07	ppb
Sodium	23-2	1001.35	983.96	970.00	985.10	1.59	ppb
Strontium	86-1	1.98	1.99	1.72	1.90	7.92	ppb
Strontium	88-1	1.87	1.87	1.91	1.88	0.98	ppb
Sulfur	34-1	-168.00	-142.41	-125.19	-145.20		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	1.80	1.79	1.81	1.80	0.42	ppb
Thallium	205-1	1.80	1.79	1.82	1.80	0.81	ppb
Thorium	232-1	1.56	1.59	1.60	1.58	1.35	ppb
Tin	118-1	10.17	10.51	10.23	10.30	1.75	ppb
Titanium	47-1	10.11	9.85	10.21	10.06	1.84	ppb
Uranium	238-1	1.67	1.66	1.62	1.65	1.67	ppb
Vanadium	51-2	10.23	10.60	10.48	10.44	1.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.06	4.17	4.12	4.12	1.45	ppb
Zirconium	90-1	1.76	1.75	1.76	1.76	0.39	ppb
Zirconium	91-1	1.64	1.90	1.92	1.82	8.45	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.22	0.22	0.08	328.09	ppb
Antimony	121-1	-0.02	-0.01	0.00	-0.01		ppb
Arsenic	75-2	-0.05	-0.03	-0.02	-0.04		ppb
Barium	135-1	0.00	0.00	0.00	0.00	306.02	ppb
Barium	137-1	0.01	0.01	0.00	0.01	108.83	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	131.77	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	4.35	4.88	3.53	4.25	16.00	ppb
Boron	11-1	4.62	4.25	3.98	4.28	7.54	ppb
Cadmium	111-1	-0.17	0.07	0.01	-0.03		ppb
Cadmium	106-1	-2.21	0.80	0.14	-0.43		ppb
Cadmium	108-1	-0.02	-0.09	0.01	-0.03		ppb
Calcium	43-1	1.71	1.30	0.44	1.15	56.51	ppb
Calcium	44-1	0.79	0.09	-1.11	-0.08		ppb
Chromium	52-2	-0.01	-0.04	0.00	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.00	0.01	0.00	314.91	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				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	-0.01	0.14	0.05	0.06	129.01	ppb
Iron	57-2	-0.12	1.05	0.66	0.53	112.11	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.00	0.01	96.95	ppb
Lead	207-1	-0.02	-0.04	0.01	-0.02		ppb
Lead	208-1	0.00	0.00	0.00	0.00	76.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.29	0.53	0.09	0.30	72.76	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	0.02	0.00	625.26	ppb
Molybdenum	96-1	0.04	-0.02	0.00	0.01	425.79	ppb
Molybdenum	97-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	98-1	0.00	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	-0.01	0.02	138.17	ppb
Phosphorus	31-2	-36.22	-33.86	-33.52	-34.54		ppb
Potassium	39-2	0.24	3.56	-0.47	1.11	194.18	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.02	0.23	0.16	0.12	106.16	ppb
Selenium	82-1	0.30	-0.02	0.59	0.29	105.62	ppb
Silicon	28-1	-2.45	-2.70	-3.07	-2.74		ppb
Silver	109-1	0.00	0.01	0.01	0.00	28.93	ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	5.14	6.07	5.17	5.46	9.60	ppb
Strontium	86-1	0.03	-0.02	0.00	0.00	790.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.47	ppb
Sulfur	34-1	-161.76	-105.15	-193.48	-153.46		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.02	0.01	91.63	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.12	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.01	0.00	0.00	0.00	221.17	ppb
Titanium	47-1	0.02	0.04	-0.05	0.00	1490.16	ppb
Uranium	238-1	-0.02	0.00	-0.02	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	264.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.03	-0.03	0.03	188.68	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	35.06	ppb
Zirconium	91-1	0.05	0.00	0.03	0.03	101.57	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.55	39.53	35.85	39.98	10.93	ppb
Antimony	121-1	3.89	3.90	3.87	3.88	0.43	ppb
Arsenic	75-2	2.01	1.63	1.92	1.85	10.64	ppb
Barium	135-1	20.06	19.80	20.22	20.03	1.07	ppb
Barium	137-1	20.01	19.74	19.94	19.90	0.69	ppb
Beryllium	9-1	1.93	2.03	2.00	1.98	2.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	48.11	49.92	48.89	48.97	1.86	ppb
Boron	11-1	46.79	48.32	48.80	47.97	2.19	ppb
Cadmium	111-1	1.99	1.99	2.01	2.00	0.41	ppb
Cadmium	106-1	1.96	1.81	0.44	1.40	59.91	ppb
Cadmium	108-1	1.76	2.24	2.12	2.04	12.19	ppb
Calcium	43-1	888.43	928.68	908.75	908.62	2.22	ppb
Calcium	44-1	895.49	900.47	906.86	900.94	0.63	ppb
Chromium	52-2	3.72	3.97	3.79	3.83	3.45	ppb
Cobalt	59-2	1.95	2.15	2.10	2.07	4.98	ppb
Copper	63-2	3.74	4.02	3.84	3.87	3.72	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				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	432.53	435.25	436.54	434.78	0.47	ppb
Iron	57-2	426.41	430.87	439.67	432.32	1.56	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.84	1.84	1.86	1.72	ppb
Lead	207-1	1.92	1.85	1.78	1.85	3.65	ppb
Lead	208-1	1.86	1.80	1.79	1.82	2.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	982.76	988.88	979.94	983.86	0.46	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.79	2.07	2.13	2.00	8.89	ppb
Molybdenum	94-1	8.93	8.85	8.85	8.88	0.54	ppb
Molybdenum	95-1	9.40	8.97	9.63	9.33	3.59	ppb
Molybdenum	96-1	9.09	9.37	9.05	9.17	1.92	ppb
Molybdenum	97-1	8.61	9.08	9.05	8.91	2.96	ppb
Molybdenum	98-1	9.09	9.21	9.13	9.14	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.26	2.26	2.25	0.97	ppb
Phosphorus	31-2	60.67	48.13	77.79	62.20	23.94	ppb
Potassium	39-2	992.62	997.19	989.97	993.26	0.37	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	14.41	7.64	6.50	9.52	44.92	ppb
Selenium	78-2	11.52	9.74	10.61	10.63	8.39	ppb
Selenium	82-1	10.96	10.47	10.90	10.77	2.49	ppb
Silicon	28-1	13.28	13.75	13.86	13.63	2.26	ppb
Silver	109-1	2.28	2.23	2.17	2.23	2.51	ppb
Silver	107-1	2.17	2.19	2.19	2.19	0.58	ppb
Sodium	23-2	955.70	961.26	962.38	959.78	0.37	ppb
Strontium	86-1	2.07	1.86	1.90	1.95	5.82	ppb
Strontium	88-1	1.88	1.83	1.87	1.86	1.41	ppb
Sulfur	34-1	-105.66	-145.87	-173.60	-141.71		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	1.91	1.84	1.91	1.89	1.90	ppb
Thallium	205-1	1.81	1.81	1.79	1.80	0.48	ppb
Thorium	232-1	1.64	1.54	1.56	1.58	3.36	ppb
Tin	118-1	10.48	10.34	10.42	10.42	0.68	ppb
Titanium	47-1	9.94	9.82	9.67	9.81	1.39	ppb
Uranium	238-1	1.70	1.59	1.55	1.61	5.00	ppb
Vanadium	51-2	9.99	10.32	10.25	10.19	1.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.74	3.71	3.58	3.67	2.35	ppb
Zirconium	90-1	1.69	1.73	1.79	1.74	2.77	ppb
Zirconium	91-1	1.68	1.70	1.79	1.72	3.55	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.38	0.08	0.32	69.16	ppb
Antimony	121-1	-0.02	0.00	0.00	-0.01		ppb
Arsenic	75-2	-0.05	-0.03	-0.04	-0.04		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	18.46	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	223.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	3.91	3.71	3.38	3.67	7.37	ppb
Boron	11-1	3.43	3.70	2.99	3.37	10.53	ppb
Cadmium	111-1	-0.07	-0.11	-0.06	-0.08		ppb
Cadmium	106-1	-1.00	-1.40	-0.95	-1.12		ppb
Cadmium	108-1	-0.15	-0.05	-0.09	-0.10		ppb
Calcium	43-1	1.68	4.98	2.44	3.03	56.92	ppb
Calcium	44-1	3.66	3.61	4.18	3.82	8.25	ppb
Chromium	52-2	-0.02	0.03	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.13	0.29	0.04	0.15	83.71	ppb
Iron	57-2	0.99	-0.10	0.34	0.41	134.00	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	37.58	ppb
Lead	207-1	0.03	0.00	0.03	0.02	69.40	ppb
Lead	208-1	0.03	0.02	0.02	0.02	14.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.42	0.43	0.35	0.73	81.06	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	-0.01	0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.02	0.03	44.18	ppb
Phosphorus	31-2	-33.44	-27.82	-30.76	-30.67		ppb
Potassium	39-2	4.16	1.37	5.48	3.67	57.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.19	0.52	0.26	0.20	183.51	ppb
Selenium	82-1	0.44	0.00	0.30	0.25	90.17	ppb
Silicon	28-1	-1.99	-2.19	-2.49	-2.22		ppb
Silver	109-1	0.00	0.00	0.00	0.00	47.35	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	4.56	4.99	5.46	5.01	9.00	ppb
Strontium	86-1	-0.01	0.04	-0.03	0.00	3514.69	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	25.14	ppb
Sulfur	34-1	-181.10	-108.33	-134.99	-141.47		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	19.64	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.16	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.02	-0.02	-0.01		ppb
Titanium	47-1	0.00	0.01	0.00	0.00	241.48	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	152.83	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.24	0.34	0.27	23.59	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	53.85	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	60.15	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9803.87	9893.42	9919.31	9872.20	0.61	ppb
Antimony	121-1	508.94	513.74	504.35	509.01	0.92	ppb
Arsenic	75-2	508.21	508.51	513.57	510.10	0.59	ppb
Barium	135-1	2511.07	2530.15	2494.05	2511.76	0.72	ppb
Barium	137-1	2582.56	2604.96	2562.85	2583.45	0.82	ppb
Beryllium	9-1	511.43	511.24	513.55	512.07	0.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	489.47	495.36	492.57	492.47	0.60	ppb
Boron	11-1	482.21	488.17	497.78	489.39	1.60	ppb
Cadmium	111-1	506.13	505.22	494.50	501.95	1.29	ppb
Cadmium	106-1	520.13	507.73	501.95	509.94	1.82	ppb
Cadmium	108-1	515.52	520.15	506.38	514.02	1.36	ppb
Calcium	43-1	48190.54	47503.23	49282.17	48325.31	1.86	ppb
Calcium	44-1	48725.90	48323.46	50141.63	49063.66	1.95	ppb
Chromium	52-2	503.55	508.46	505.65	505.89	0.49	ppb
Cobalt	59-2	508.05	505.17	506.64	506.62	0.28	ppb
Copper	63-2	961.14	963.55	959.12	961.27	0.23	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				109		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	26541.91	26549.57	26665.23	26585.57	0.26	ppb
Iron	57-2	26223.60	26449.25	26384.95	26352.60	0.44	ppb
Krypton	83-1						cps
Lead	206-1	490.27	491.97	488.15	490.13	0.39	ppb
Lead	207-1	488.48	489.71	484.66	487.62	0.54	ppb
Lead	208-1	480.50	484.17	477.91	480.86	0.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	52503.20	52360.53	52355.57	52406.43	0.16	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.30	1000.97	1009.15	1003.80	0.46	ppb
Molybdenum	94-1	2515.55	2516.75	2516.25	2516.18	0.02	ppb
Molybdenum	95-1	2504.80	2520.99	2530.32	2518.70	0.51	ppb
Molybdenum	96-1	2502.69	2513.97	2522.54	2513.07	0.40	ppb
Molybdenum	97-1	2408.30	2404.27	2405.82	2406.13	0.08	ppb
Molybdenum	98-1	2502.67	2507.46	2520.48	2510.20	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.78	509.69	505.90	508.13	0.39	ppb
Phosphorus	31-2	10376.74	10127.48	10430.03	10311.42	1.57	ppb
Potassium	39-2	25421.82	25260.86	25250.94	25311.21	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	520.17	501.95	514.76	512.29	1.83	ppb
Selenium	78-2	509.43	508.79	518.12	512.11	1.02	ppb
Selenium	82-1	512.31	506.31	506.64	508.42	0.66	ppb
Silicon	28-1	500.40	506.52	524.77	510.56	2.48	ppb
Silver	109-1	501.85	501.50	494.62	499.32	0.82	ppb
Silver	107-1	507.77	500.93	493.18	500.63	1.46	ppb
Sodium	23-2	52302.94	52275.47	52384.11	52320.84	0.11	ppb
Strontium	86-1	489.85	490.63	493.90	491.46	0.44	ppb
Strontium	88-1	498.28	503.09	501.67	501.01	0.49	ppb
Sulfur	34-1	10028.39	9815.95	10342.10	10062.14	2.63	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	486.23	481.21	480.52	482.65	0.65	ppb
Thallium	205-1	500.29	496.20	495.04	497.18	0.55	ppb
Thorium	232-1	478.32	481.14	477.39	478.95	0.41	ppb
Tin	118-1	511.99	516.00	503.42	510.47	1.26	ppb
Titanium	47-1	2460.57	2449.67	2521.82	2477.35	1.57	ppb
Uranium	238-1	476.72	478.56	477.56	477.61	0.19	ppb
Vanadium	51-2	501.95	503.29	503.42	502.89	0.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	917.53	923.22	923.60	921.45	0.37	ppb
Zirconium	90-1	485.03	483.65	507.00	491.89	2.66	ppb
Zirconium	91-1	496.51	494.71	497.06	496.10	0.25	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.90	38.63	38.47	37.67	4.07	ppb
Antimony	121-1	0.60	0.57	0.57	0.58	3.27	ppb
Arsenic	75-2	0.34	0.32	0.28	0.31	9.56	ppb
Barium	135-1	2.48	2.42	2.18	2.36	6.87	ppb
Barium	137-1	2.60	2.38	2.16	2.38	9.23	ppb
Beryllium	9-1	0.17	0.14	0.13	0.15	13.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	27.49	25.16	24.14	25.60	6.71	ppb
Boron	11-1	26.86	25.92	23.66	25.48	6.47	ppb
Cadmium	111-1	-0.15	-0.22	-0.21	-0.19		ppb
Cadmium	106-1	-3.70	-4.72	-3.71	-4.04		ppb
Cadmium	108-1	0.05	0.04	0.01	0.03	67.30	ppb
Calcium	43-1	10760.12	10311.47	10676.72	10582.77	2.25	ppb
Calcium	44-1	10701.94	10281.95	10435.70	10473.20	2.03	ppb
Chromium	52-2	0.28	0.19	0.22	0.23	18.85	ppb
Cobalt	59-2	0.07	0.07	0.04	0.06	27.87	ppb
Copper	63-2	0.66	0.70	0.70	0.68	3.17	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				107		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	6.37	5.98	5.98	6.11	3.76	ppb
Iron	57-2	35.76	34.86	38.02	36.21	4.50	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.93	0.87	0.92	4.59	ppb
Lead	207-1	0.87	0.86	0.79	0.84	4.88	ppb
Lead	208-1	0.88	0.86	0.79	0.84	5.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	3354.40	3334.05	3347.35	3345.27	0.31	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.91	6.55	6.67	6.71	2.75	ppb
Molybdenum	94-1	1.32	1.06	0.98	1.12	15.91	ppb
Molybdenum	95-1	1.09	0.96	0.83	0.96	13.50	ppb
Molybdenum	96-1	1.10	1.00	0.89	0.99	10.63	ppb
Molybdenum	97-1	1.06	0.87	0.76	0.90	16.76	ppb
Molybdenum	98-1	1.03	0.95	0.73	0.91	17.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.41	0.39	0.40	2.17	ppb
Phosphorus	31-2	-43.67	-25.15	-15.61	-28.14		ppb
Potassium	39-2	557.37	552.44	541.92	550.58	1.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	-0.19	-0.19	0.43	0.01	2521.34	ppb
Selenium	78-2	0.03	0.45	-0.14	0.11	271.05	ppb
Selenium	82-1	0.55	0.79	0.81	0.71	20.13	ppb
Silicon	28-1	3354.67	3226.81	3264.97	3282.15	2.00	ppb
Silver	109-1	0.11	0.11	0.07	0.10	23.96	ppb
Silver	107-1	0.13	0.08	0.06	0.09	37.91	ppb
Sodium	23-2	22676.01	22710.53	22736.55	22707.70	0.13	ppb
Strontium	86-1	22.49	23.17	22.51	22.72	1.69	ppb
Strontium	88-1	22.78	22.21	22.04	22.34	1.74	ppb
Sulfur	34-1	2725.70	2158.90	2174.87	2353.16	13.71	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.13	0.13	0.15	17.33	ppb
Thallium	205-1	0.18	0.17	0.13	0.16	16.99	ppb
Thorium	232-1	0.19	0.17	0.15	0.17	11.60	ppb
Tin	118-1	0.26	0.30	0.29	0.29	7.01	ppb
Titanium	47-1	0.94	0.89	0.93	0.92	2.97	ppb
Uranium	238-1	0.09	0.08	0.08	0.09	9.35	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	4.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.96	2.58	2.81	2.78	6.78	ppb
Zirconium	90-1	0.33	0.31	0.26	0.30	12.88	ppb
Zirconium	91-1	0.39	0.29	0.31	0.33	15.23	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50273.19	50036.73	49608.53	49972.81	0.67	ppb
Antimony	121-1	478.13	478.38	478.27	478.26	0.03	ppb
Arsenic	75-2	522.65	520.32	522.44	521.80	0.25	ppb
Barium	135-1	2410.02	2440.08	2414.83	2421.64	0.67	ppb
Barium	137-1	2486.36	2508.34	2496.36	2497.02	0.44	ppb
Beryllium	9-1	493.14	493.54	494.50	493.73	0.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	489.55	498.90	506.67	498.37	1.72	ppb
Boron	11-1	490.74	502.25	500.72	497.90	1.25	ppb
Cadmium	111-1	510.99	513.88	507.64	510.84	0.61	ppb
Cadmium	106-1	516.93	503.60	504.80	508.44	1.45	ppb
Cadmium	108-1	512.07	520.30	511.99	514.79	0.93	ppb
Calcium	43-1	239219.27	238435.25	239181.98	238945.50	0.19	ppb
Calcium	44-1	245315.01	244060.85	244184.74	244520.20	0.28	ppb
Chromium	52-2	501.68	502.12	495.25	499.68	0.77	ppb
Cobalt	59-2	484.81	487.17	485.54	485.84	0.25	ppb
Copper	63-2	1009.08	1010.06	1007.39	1008.84	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	129644.93	129747.68	128794.68	129395.76	0.40	ppb
Iron	57-2	127131.64	127541.10	126687.06	127119.93	0.34	ppb
Krypton	83-1						cps
Lead	206-1	516.64	521.75	518.40	518.93	0.50	ppb
Lead	207-1	509.65	513.66	510.95	511.42	0.40	ppb
Lead	208-1	504.73	508.11	506.13	506.32	0.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	254861.36	252759.32	251253.68	252958.12	0.72	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.16	983.18	973.90	979.75	0.52	ppb
Molybdenum	94-1	2509.39	2529.90	2515.26	2518.18	0.42	ppb
Molybdenum	95-1	2508.23	2534.26	2507.09	2516.53	0.61	ppb
Molybdenum	96-1	2510.03	2526.47	2506.10	2514.20	0.43	ppb
Molybdenum	97-1	2416.89	2424.58	2391.35	2410.94	0.72	ppb
Molybdenum	98-1	2503.52	2516.79	2491.57	2503.96	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.03	483.79	482.49	482.11	0.40	ppb
Phosphorus	31-2	10250.46	10028.86	9967.25	10082.19	1.48	ppb
Potassium	39-2	128070.99	127151.11	127156.59	127459.56	0.42	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	495.60	503.46	479.30	492.78	2.50	ppb
Selenium	78-2	496.86	481.82	493.28	490.65	1.60	ppb
Selenium	82-1	477.33	486.70	482.94	482.32	0.98	ppb
Silicon	28-1	490.22	496.87	499.07	495.39	0.93	ppb
Silver	109-1	493.30	493.68	490.52	492.50	0.35	ppb
Silver	107-1	493.06	491.61	490.13	491.60	0.30	ppb
Sodium	23-2	253519.92	252240.92	249501.64	251754.16	0.82	ppb
Strontium	86-1	491.56	495.96	483.02	490.18	1.34	ppb
Strontium	88-1	499.69	503.25	496.36	499.77	0.69	ppb
Sulfur	34-1	9904.94	9727.03	9700.90	9777.62	1.14	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	510.00	516.02	509.20	511.74	0.73	ppb
Thallium	205-1	527.60	533.34	531.29	530.75	0.55	ppb
Thorium	232-1	530.20	530.43	525.83	528.82	0.49	ppb
Tin	118-1	488.01	487.48	482.39	485.96	0.64	ppb
Titanium	47-1	2503.24	2485.08	2492.86	2493.73	0.37	ppb
Uranium	238-1	526.34	529.20	522.49	526.01	0.64	ppb
Vanadium	51-2	500.19	497.26	496.26	497.90	0.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1049.76	1062.74	1051.74	1054.74	0.66	ppb
Zirconium	90-1	487.08	487.64	482.88	485.87	0.54	ppb
Zirconium	91-1	495.29	498.41	494.04	495.91	0.45	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.45	5.47	3.29	5.07	31.93	ppb
Antimony	121-1	0.60	0.55	0.58	0.58	4.05	ppb
Arsenic	75-2	0.03	0.06	0.07	0.05	37.28	ppb
Barium	135-1	0.62	0.50	0.40	0.51	21.46	ppb
Barium	137-1	0.78	0.50	0.42	0.57	33.18	ppb
Beryllium	9-1	0.12	0.12	0.12	0.12	3.39	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	23.26	21.64	18.51	21.14	11.44	ppb
Boron	11-1	21.74	22.12	19.60	21.15	6.42	ppb
Cadmium	111-1	-0.05	0.00	-0.07	-0.04		ppb
Cadmium	106-1	-3.23	-1.46	-2.19	-2.29		ppb
Cadmium	108-1	-0.06	0.07	0.07	0.03	277.55	ppb
Calcium	43-1	67.54	55.48	40.24	54.42	25.14	ppb
Calcium	44-1	62.90	52.42	35.48	50.26	27.52	ppb
Chromium	52-2	0.06	0.02	0.01	0.03	86.41	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	14.15	ppb
Copper	63-2	0.11	0.11	0.06	0.10	30.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	16.56	14.93	12.90	14.80	12.41	ppb
Iron	57-2	14.76	16.89	13.03	14.89	13.00	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.12	0.09	0.13	30.21	ppb
Lead	207-1	0.17	0.15	0.08	0.13	37.07	ppb
Lead	208-1	0.16	0.13	0.09	0.13	27.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	25.05	22.71	20.08	22.61	11.01	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.07	0.08	0.09	22.41	ppb
Molybdenum	94-1	0.88	0.81	0.68	0.79	12.65	ppb
Molybdenum	95-1	1.14	0.92	0.74	0.93	21.16	ppb
Molybdenum	96-1	1.18	0.90	0.69	0.92	26.43	ppb
Molybdenum	97-1	0.96	0.91	0.72	0.86	14.94	ppb
Molybdenum	98-1	1.03	0.83	0.74	0.87	17.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.09	0.05	0.08	27.42	ppb
Phosphorus	31-2	-37.80	-31.89	-26.88	-32.19		ppb
Potassium	39-2	15.58	12.28	4.48	10.78	52.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.60	0.77	0.70	0.69	12.32	ppb
Selenium	82-1	0.10	0.41	0.68	0.40	73.31	ppb
Silicon	28-1	-0.96	-1.52	-2.26	-1.58		ppb
Silver	109-1	0.11	0.10	0.09	0.10	14.82	ppb
Silver	107-1	0.12	0.11	0.09	0.11	14.82	ppb
Sodium	23-2	59.86	55.12	47.85	54.28	11.14	ppb
Strontium	86-1	0.10	0.13	0.06	0.10	34.10	ppb
Strontium	88-1	0.12	0.10	0.07	0.10	26.58	ppb
Sulfur	34-1	-912.80	-923.85	-1037.12	-957.92		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.17	0.14	0.17	17.91	ppb
Thallium	205-1	0.21	0.16	0.13	0.17	23.73	ppb
Thorium	232-1	0.22	0.16	0.14	0.17	24.60	ppb
Tin	118-1	0.30	0.29	0.30	0.30	0.79	ppb
Titanium	47-1	0.87	0.50	0.50	0.62	35.04	ppb
Uranium	238-1	0.10	0.07	0.04	0.07	41.10	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	12.78	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.33	0.28	0.47	0.36	27.59	ppb
Zirconium	90-1	0.17	0.14	0.10	0.14	26.73	ppb
Zirconium	91-1	0.21	0.11	0.07	0.13	55.83	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.52	2.84	1.76	2.38	23.45	ppb
Antimony	121-1	0.13	0.14	0.18	0.15	18.95	ppb
Arsenic	75-2	-0.04	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.03	0.02	0.03	0.03	17.40	ppb
Barium	137-1	0.04	0.04	0.05	0.04	18.91	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	24.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	13.78	13.03	12.20	13.00	6.07	ppb
Boron	11-1	12.57	12.26	11.92	12.25	2.65	ppb
Cadmium	111-1	-0.11	-0.20	-0.42	-0.24		ppb
Cadmium	106-1	-1.76	-2.73	-5.64	-3.38		ppb
Cadmium	108-1	-0.09	-0.12	-0.06	-0.09		ppb
Calcium	43-1	17.70	18.74	14.96	17.13	11.40	ppb
Calcium	44-1	15.69	14.31	14.90	14.97	4.65	ppb
Chromium	52-2	0.13	0.09	0.17	0.13	28.13	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.32	0.34	0.34	0.33	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	2.17	1.78	1.69	1.88	13.60	ppb
Iron	57-2	0.84	-0.13	0.34	0.35	138.04	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	23.82	ppb
Lead	207-1	0.06	0.04	0.04	0.04	28.34	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.36	1.02	1.01	1.13	17.55	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.19	0.20	0.20	3.40	ppb
Molybdenum	94-1	0.09	0.09	0.10	0.09	4.22	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	6.09	ppb
Molybdenum	96-1	0.10	0.09	0.11	0.10	11.08	ppb
Molybdenum	97-1	0.10	0.05	0.11	0.09	33.09	ppb
Molybdenum	98-1	0.09	0.11	0.08	0.09	16.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.05	0.06	26.73	ppb
Phosphorus	31-2	-35.56	-38.36	-38.49	-37.47		ppb
Potassium	39-2	0.26	1.42	-1.98	-0.10		ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.02	0.14	-0.27	-0.04		ppb
Selenium	82-1	0.18	0.13	1.00	0.43	112.33	ppb
Silicon	28-1	3.14	2.74	2.97	2.95	6.78	ppb
Silver	109-1	0.01	0.00	0.00	0.00	78.94	ppb
Silver	107-1	0.00	0.00	0.00	0.00	211.89	ppb
Sodium	23-2	27.38	25.08	26.11	26.19	4.39	ppb
Strontium	86-1	-0.01	-0.01	0.06	0.01	323.46	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	11.55	ppb
Sulfur	34-1	-430.24	-585.05	-627.54	-547.61		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.03	0.02	57.54	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.26	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	21.55	ppb
Tin	118-1	0.10	0.13	0.11	0.11	14.39	ppb
Titanium	47-1	0.11	0.07	0.07	0.09	24.66	ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	54.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.96	4.93	5.17	5.02	2.56	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	41.46	ppb
Zirconium	91-1	0.07	0.06	0.04	0.06	23.10	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	1.73	1.88	1.89	8.87	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	20.04	ppb
Arsenic	75-2	-0.01	-0.01	-0.05	-0.03		ppb
Barium	135-1	0.00	0.02	0.02	0.01	68.51	ppb
Barium	137-1	0.02	0.03	0.04	0.03	22.51	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	23.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	7.59	7.28	8.15	7.67	5.71	ppb
Boron	11-1	7.66	7.58	7.79	7.68	1.42	ppb
Cadmium	111-1	-0.14	-0.15	-0.16	-0.15		ppb
Cadmium	106-1	-2.11	-2.12	-2.32	-2.18		ppb
Cadmium	108-1	-0.09	-0.12	-0.09	-0.10		ppb
Calcium	43-1	7.66	14.78	12.73	11.72	31.28	ppb
Calcium	44-1	11.01	10.56	10.00	10.52	4.78	ppb
Chromium	52-2	0.14	0.12	0.18	0.15	19.55	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.41	0.34	0.40	0.38	10.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	1.25	1.20	1.01	1.15	11.17	ppb
Iron	57-2	0.35	-0.20	0.61	0.25	161.99	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.02	0.04	38.91	ppb
Lead	207-1	0.02	0.04	0.02	0.03	36.69	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.60	1.13	1.67	1.13	47.18	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	0.06	0.06	10.37	ppb
Molybdenum	94-1	0.05	0.06	0.03	0.05	40.27	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	16.34	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	15.59	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	75.09	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	28.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	0.02	0.04	83.39	ppb
Phosphorus	31-2	-32.70	-47.15	-30.17	-36.67		ppb
Potassium	39-2	-0.80	-1.79	-1.27	-1.29		ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.35	0.12	0.50	0.09	478.32	ppb
Selenium	82-1	-0.07	0.27	0.30	0.16	125.95	ppb
Silicon	28-1	2.86	3.27	3.72	3.28	13.14	ppb
Silver	109-1	0.00	0.01	0.00	0.00	76.02	ppb
Silver	107-1	0.01	0.00	0.00	0.00	260.73	ppb
Sodium	23-2	17.94	18.44	18.54	18.31	1.76	ppb
Strontium	86-1	-0.01	0.01	0.06	0.02	175.20	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	0.64	ppb
Sulfur	34-1	-576.68	-511.69	-480.18	-522.85		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.00	0.03	0.02	77.58	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	46.77	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	28.86	ppb
Tin	118-1	0.07	0.13	0.82	0.34	122.62	ppb
Titanium	47-1	0.03	0.06	0.03	0.04	41.16	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	126.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.88	3.57	3.71	3.72	4.21	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	23.38	ppb
Zirconium	91-1	0.07	0.02	0.06	0.05	50.26	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	1.06	0.65	0.69	50.55	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	41.15	ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.00	0.01	0.02	0.01	140.96	ppb
Barium	137-1	0.02	0.00	0.01	0.01	64.92	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	30.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	5.38	4.92	4.54	4.95	8.55	ppb
Boron	11-1	4.68	4.84	4.41	4.64	4.65	ppb
Cadmium	111-1	0.04	-0.28	-0.11	-0.12		ppb
Cadmium	106-1	0.56	-3.89	-1.48	-1.60		ppb
Cadmium	108-1	-0.06	-0.12	-0.16	-0.11		ppb
Calcium	43-1	6.90	9.60	12.90	9.80	30.67	ppb
Calcium	44-1	6.50	6.43	5.72	6.22	6.91	ppb
Chromium	52-2	0.00	0.02	0.03	0.02	71.59	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.05	0.08	0.05	46.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	0.34	0.28	0.39	0.33	16.53	ppb
Iron	57-2	-0.14	0.73	-1.24	-0.22		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.03	0.02	84.42	ppb
Lead	207-1	0.02	0.02	0.00	0.02	72.16	ppb
Lead	208-1	0.01	0.02	0.01	0.01	10.58	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.65	2.02	1.80	2.16	20.60	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.02	0.02	36.59	ppb
Molybdenum	94-1	0.05	-0.03	0.06	0.03	182.97	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	54.36	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	258.48	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.01	39.73	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.05	0.03	41.90	ppb
Phosphorus	31-2	-30.84	-39.29	-36.35	-35.49		ppb
Potassium	39-2	-2.81	-2.15	-6.40	-3.79		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.42	0.60	1.59	0.87	72.31	ppb
Selenium	82-1	0.12	0.29	0.37	0.26	48.26	ppb
Silicon	28-1	-1.45	-2.04	-1.53	-1.68		ppb
Silver	109-1	0.00	0.00	0.00	0.00	390.09	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9.22	8.20	10.26	9.23	11.18	ppb
Strontium	86-1	0.01	0.03	-0.02	0.01	327.95	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	39.67	ppb
Sulfur	34-1	-525.67	-561.84	-570.20	-552.57		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	-0.01	0.00	422.09	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.68	ppb
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.02	0.05	0.03	0.03	42.58	ppb
Titanium	47-1	-0.01	0.05	0.09	0.04	122.60	ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	153.15	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.98	1.18	0.98	1.05	10.83	ppb
Zirconium	90-1	0.03	0.00	0.02	0.02	66.66	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	51.11	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1830.64	1846.12	1877.81	1851.52	1.30	ppb
Antimony	121-1	820.42	812.74	807.34	813.50	0.81	ppb
Arsenic	75-2	827.40	826.89	832.17	828.82	0.35	ppb
Barium	135-1	203.61	202.96	201.56	202.71	0.52	ppb
Barium	137-1	199.71	202.12	199.70	200.51	0.70	ppb
Beryllium	9-1	196.90	196.77	196.89	196.85	0.04	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	280.64	293.17	293.17	288.99	2.50	ppb
Boron	11-1	282.05	288.73	291.40	287.39	1.67	ppb
Cadmium	111-1	202.78	200.74	200.54	201.35	0.62	ppb
Cadmium	106-1	162.26	165.96	161.77	163.33	1.40	ppb
Cadmium	108-1	179.93	181.33	184.12	181.79	1.17	ppb
Calcium	43-1	1078.10	1027.02	1015.00	1040.04	3.22	ppb
Calcium	44-1	991.71	994.04	990.02	991.92	0.20	ppb
Chromium	52-2	403.94	402.23	403.82	403.33	0.24	ppb
Cobalt	59-2	205.09	205.34	208.03	206.15	0.79	ppb
Copper	63-2	303.59	304.94	307.02	305.18	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	3152.71	3157.72	3183.21	3164.54	0.52	ppb
Iron	57-2	3157.58	3214.10	3191.69	3187.79	0.89	ppb
Krypton	83-1						cps
Lead	206-1	941.57	941.73	938.77	940.69	0.18	ppb
Lead	207-1	934.32	931.53	935.19	933.68	0.20	ppb
Lead	208-1	955.19	954.54	953.74	954.49	0.08	ppb
Lithium	6-1				111		%
Magnesium	24-2	2046.06	2041.16	2054.63	2047.29	0.33	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.87	196.06	198.00	196.31	0.80	ppb
Molybdenum	94-1	250.22	250.70	252.59	251.17	0.50	ppb
Molybdenum	95-1	357.98	357.68	360.01	358.56	0.35	ppb
Molybdenum	96-1	345.35	345.67	346.01	345.68	0.10	ppb
Molybdenum	97-1	356.73	356.75	357.02	356.83	0.05	ppb
Molybdenum	98-1	356.35	355.28	355.47	355.70	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.92	526.14	530.76	526.94	0.66	ppb
Phosphorus	31-2	5901.97	5788.11	5912.56	5867.55	1.18	ppb
Potassium	39-2	10117.14	10100.95	10158.84	10125.64	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	2057.86	2035.85	2037.30	2043.67	0.60	ppb
Selenium	78-2	2019.44	2027.70	2045.89	2031.01	0.67	ppb
Selenium	82-1	1980.29	1976.00	1971.36	1975.88	0.23	ppb
Silicon	28-1	854.04	860.49	857.94	857.49	0.38	ppb
Silver	109-1	77.60	77.18	76.69	77.16	0.59	ppb
Silver	107-1	77.51	77.37	77.27	77.39	0.16	ppb
Sodium	23-2	3039.87	3057.46	3077.36	3058.23	0.61	ppb
Strontium	86-1	194.00	192.57	193.01	193.19	0.38	ppb
Strontium	88-1	190.89	190.84	190.34	190.69	0.16	ppb
Sulfur	34-1	-699.42	-896.78	-1016.47	-870.89		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	1937.86	1938.87	1935.92	1937.55	0.08	ppb
Thallium	205-1	1925.99	1922.97	1923.51	1924.16	0.08	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	6.81	ppb
Tin	118-1	721.49	725.58	717.92	721.66	0.53	ppb
Titanium	47-1	200.49	199.15	195.74	198.46	1.24	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	299.10	297.86	302.28	299.75	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	190.71	190.26	192.40	191.12	0.59	ppb
Zirconium	90-1	0.40	0.36	0.34	0.36	8.53	ppb
Zirconium	91-1	0.67	0.53	0.60	0.60	11.62	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1898.57	1855.67	1924.65	1892.96	1.84	ppb
Antimony	121-1	804.77	803.49	794.05	800.77	0.73	ppb
Arsenic	75-2	820.18	831.35	830.09	827.21	0.74	ppb
Barium	135-1	203.43	203.41	199.01	201.95	1.26	ppb
Barium	137-1	200.42	201.61	200.18	200.74	0.38	ppb
Beryllium	9-1	196.87	197.88	195.62	196.79	0.58	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	294.51	302.19	300.16	298.95	1.33	ppb
Boron	11-1	294.41	301.51	302.55	299.49	1.48	ppb
Cadmium	111-1	201.08	199.67	198.75	199.83	0.59	ppb
Cadmium	106-1	164.95	166.32	160.74	164.00	1.77	ppb
Cadmium	108-1	182.89	183.38	177.32	181.19	1.86	ppb
Calcium	43-1	1084.98	1054.36	1094.15	1077.83	1.93	ppb
Calcium	44-1	1056.28	1004.54	991.18	1017.34	3.38	ppb
Chromium	52-2	405.07	403.16	403.51	403.92	0.25	ppb
Cobalt	59-2	205.66	206.44	205.33	205.81	0.27	ppb
Copper	63-2	305.62	303.44	306.81	305.29	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	3170.35	3170.13	3174.19	3171.56	0.07	ppb
Iron	57-2	3209.06	3211.86	3244.78	3221.90	0.62	ppb
Krypton	83-1						cps
Lead	206-1	952.98	948.77	942.57	948.10	0.55	ppb
Lead	207-1	948.67	944.31	938.08	943.68	0.56	ppb
Lead	208-1	967.62	968.75	962.14	966.17	0.37	ppb
Lithium	6-1				109		%
Magnesium	24-2	2046.43	2056.56	2055.76	2052.92	0.27	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.38	197.34	197.68	197.47	0.09	ppb
Molybdenum	94-1	249.90	252.74	251.24	251.29	0.57	ppb
Molybdenum	95-1	358.89	357.82	358.36	358.36	0.15	ppb
Molybdenum	96-1	344.88	344.74	349.01	346.21	0.70	ppb
Molybdenum	97-1	355.73	356.09	358.96	356.93	0.50	ppb
Molybdenum	98-1	357.52	354.37	356.21	356.03	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.04	525.93	527.68	527.88	0.39	ppb
Phosphorus	31-2	5925.18	5620.96	5753.25	5766.47	2.65	ppb
Potassium	39-2	10142.56	10123.73	10185.23	10150.51	0.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	2043.10	2058.68	2028.43	2043.40	0.74	ppb
Selenium	78-2	2051.67	2039.57	2050.94	2047.39	0.33	ppb
Selenium	82-1	2004.92	1994.17	1999.07	1999.39	0.27	ppb
Silicon	28-1	869.15	855.82	856.52	860.50	0.87	ppb
Silver	109-1	77.62	76.49	76.45	76.85	0.86	ppb
Silver	107-1	77.42	77.80	76.92	77.38	0.57	ppb
Sodium	23-2	3092.31	3060.33	3062.20	3071.61	0.58	ppb
Strontium	86-1	193.78	196.77	198.53	196.36	1.22	ppb
Strontium	88-1	191.59	192.74	192.68	192.34	0.34	ppb
Sulfur	34-1	-1315.04	-1429.93	-1541.80	-1428.92		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	1967.84	1965.92	1969.05	1967.61	0.08	ppb
Thallium	205-1	1947.92	1952.58	1936.28	1945.59	0.43	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	22.99	ppb
Tin	118-1	708.43	709.11	706.62	708.05	0.18	ppb
Titanium	47-1	205.37	196.28	197.38	199.68	2.49	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	298.51	299.12	299.93	299.19	0.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	192.55	187.51	193.48	191.18	1.68	ppb
Zirconium	90-1	0.16	0.15	0.13	0.15	9.35	ppb
Zirconium	91-1	0.42	0.44	0.36	0.40	10.96	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1911.74	1858.56	1876.22	1882.17	1.44	ppb
Antimony	121-1	803.38	797.17	801.75	800.77	0.40	ppb
Arsenic	75-2	820.85	828.30	821.66	823.61	0.50	ppb
Barium	135-1	199.81	201.87	200.50	200.73	0.52	ppb
Barium	137-1	198.61	201.01	198.08	199.23	0.78	ppb
Beryllium	9-1	194.13	196.74	195.06	195.31	0.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	297.01	304.86	303.06	301.64	1.36	ppb
Boron	11-1	294.20	303.05	300.47	299.24	1.52	ppb
Cadmium	111-1	198.00	196.86	199.69	198.19	0.72	ppb
Cadmium	106-1	163.45	154.80	159.46	159.24	2.72	ppb
Cadmium	108-1	181.99	176.21	174.84	177.68	2.13	ppb
Calcium	43-1	1108.42	1110.44	1075.00	1097.95	1.81	ppb
Calcium	44-1	1025.97	1036.38	1043.82	1035.39	0.87	ppb
Chromium	52-2	402.48	404.12	398.83	401.81	0.67	ppb
Cobalt	59-2	205.44	206.35	203.24	205.01	0.78	ppb
Copper	63-2	302.56	304.77	300.85	302.73	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	3149.82	3166.05	3152.47	3156.11	0.28	ppb
Iron	57-2	3171.45	3168.54	3125.96	3155.31	0.81	ppb
Krypton	83-1						cps
Lead	206-1	945.26	939.03	937.36	940.55	0.44	ppb
Lead	207-1	945.46	937.90	933.62	938.99	0.64	ppb
Lead	208-1	962.87	960.36	953.29	958.84	0.52	ppb
Lithium	6-1				106		%
Magnesium	24-2	2061.72	2052.56	2039.27	2051.18	0.55	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	195.85	196.58	194.91	195.78	0.43	ppb
Molybdenum	94-1	250.85	251.84	250.45	251.04	0.29	ppb
Molybdenum	95-1	357.03	362.74	359.26	359.67	0.80	ppb
Molybdenum	96-1	344.49	346.89	343.29	344.89	0.53	ppb
Molybdenum	97-1	358.34	357.05	356.18	357.19	0.31	ppb
Molybdenum	98-1	357.42	357.93	355.20	356.85	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.29	528.01	521.31	526.53	0.89	ppb
Phosphorus	31-2	5760.30	5973.94	5530.70	5754.98	3.85	ppb
Potassium	39-2	10123.64	10102.08	10020.70	10082.14	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	2063.84	2024.84	2093.57	2060.75	1.67	ppb
Selenium	78-2	2036.16	2038.53	2027.13	2033.94	0.30	ppb
Selenium	82-1	2004.32	1997.14	1978.38	1993.28	0.67	ppb
Silicon	28-1	878.70	880.98	888.80	882.82	0.60	ppb
Silver	109-1	77.02	74.97	75.71	75.90	1.37	ppb
Silver	107-1	76.94	75.62	76.50	76.36	0.88	ppb
Sodium	23-2	3074.49	3075.99	3043.28	3064.59	0.60	ppb
Strontium	86-1	191.94	194.43	195.89	194.08	1.03	ppb
Strontium	88-1	191.95	191.56	192.82	192.11	0.34	ppb
Sulfur	34-1	-1344.85	-1468.27	-1583.05	-1465.39		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	1952.14	1938.93	1936.02	1942.37	0.44	ppb
Thallium	205-1	1939.77	1941.41	1939.13	1940.10	0.06	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	46.36	ppb
Tin	118-1	711.57	702.23	708.46	707.42	0.67	ppb
Titanium	47-1	203.26	202.50	203.78	203.18	0.32	ppb
Uranium	238-1	0.00	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	297.55	298.44	294.07	296.69	0.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	192.49	192.30	190.87	191.88	0.46	ppb
Zirconium	90-1	0.10	0.11	0.12	0.11	8.54	ppb
Zirconium	91-1	0.34	0.36	0.41	0.37	9.77	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.69	3.06	3.35	3.37	9.50	ppb
Antimony	121-1	0.33	0.31	0.33	0.32	3.48	ppb
Arsenic	75-2	0.77	0.74	0.59	0.70	13.90	ppb
Barium	135-1	404.34	400.16	395.76	400.08	1.07	ppb
Barium	137-1	402.54	393.64	393.49	396.56	1.31	ppb
Beryllium	9-1	0.06	0.07	0.04	0.06	25.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	70.22	70.49	70.21	70.31	0.23	ppb
Boron	11-1	72.83	72.73	72.30	72.62	0.39	ppb
Cadmium	111-1	-0.15	-0.42	-0.20	-0.26		ppb
Cadmium	106-1	-2.43	-6.26	-3.40	-4.03		ppb
Cadmium	108-1	-0.12	0.01	-0.06	-0.06		ppb
Calcium	43-1	91749.88	91036.54	91483.31	91423.24	0.39	ppb
Calcium	44-1	93564.68	94195.62	93757.03	93839.11	0.34	ppb
Chromium	52-2	2.82	2.88	2.74	2.81	2.54	ppb
Cobalt	59-2	0.04	0.08	0.05	0.06	33.07	ppb
Copper	63-2	8.58	8.62	8.35	8.52	1.71	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				107		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	74.32	76.00	74.71	75.01	1.18	ppb
Iron	57-2	340.13	346.24	350.64	345.67	1.53	ppb
Krypton	83-1						cps
Lead	206-1	0.72	0.64	0.60	0.65	9.52	ppb
Lead	207-1	0.71	0.67	0.63	0.67	6.29	ppb
Lead	208-1	0.70	0.64	0.63	0.66	6.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	14183.46	14006.19	14078.59	14089.42	0.63	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.35	1.40	1.37	1.37	1.95	ppb
Molybdenum	94-1	0.21	0.21	0.14	0.19	22.04	ppb
Molybdenum	95-1	0.22	0.27	0.21	0.23	13.61	ppb
Molybdenum	96-1	0.27	0.21	0.21	0.23	15.30	ppb
Molybdenum	97-1	0.22	0.22	0.24	0.22	5.05	ppb
Molybdenum	98-1	0.23	0.20	0.22	0.22	6.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.40	0.29	0.32	21.96	ppb
Phosphorus	31-2	-20.31	-14.58	-14.76	-16.55		ppb
Potassium	39-2	1112.41	1122.30	1128.39	1121.03	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	-0.19	1.01	3.41	1.41	130.39	ppb
Selenium	78-2	0.29	0.47	0.17	0.31	47.79	ppb
Selenium	82-1	0.30	0.59	0.72	0.53	40.62	ppb
Silicon	28-1	10412.46	10284.56	10320.36	10339.13	0.64	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.21	ppb
Silver	107-1	0.01	0.00	0.01	0.01	110.09	ppb
Sodium	23-2	9944.86	9923.45	9874.66	9914.32	0.36	ppb
Strontium	86-1	142.71	141.89	140.33	141.64	0.85	ppb
Strontium	88-1	140.32	139.12	137.96	139.13	0.85	ppb
Sulfur	34-1	6155.59	5995.07	5852.35	6001.01	2.53	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.80	0.71	0.66	0.72	9.98	ppb
Thallium	205-1	0.78	0.68	0.66	0.71	9.33	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.69	0.76	0.66	0.70	7.18	ppb
Titanium	47-1	0.76	0.87	0.86	0.83	6.99	ppb
Uranium	238-1	1.34	1.30	1.28	1.31	2.18	ppb
Vanadium	51-2	2.11	2.00	1.96	2.02	3.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.74	12.24	12.28	12.42	2.23	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	27.21	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	162.62	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.37	38.17	33.90	37.15	7.74	ppb
Antimony	121-1	0.14	0.15	0.15	0.15	4.26	ppb
Arsenic	75-2	0.18	0.16	0.20	0.18	13.41	ppb
Barium	135-1	8.05	7.60	8.14	7.93	3.63	ppb
Barium	137-1	7.60	7.71	7.75	7.69	0.97	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	39.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	23.00	23.84	22.89	23.24	2.23	ppb
Boron	11-1	23.09	22.39	23.29	22.92	2.05	ppb
Cadmium	111-1	-0.25	-0.20	-0.22	-0.22		ppb
Cadmium	106-1	-3.37	-2.78	-3.25	-3.13		ppb
Cadmium	108-1	-0.05	0.01	-0.05	-0.03		ppb
Calcium	43-1	12237.96	12802.04	12754.46	12598.15	2.48	ppb
Calcium	44-1	12177.75	12697.61	12648.95	12508.10	2.30	ppb
Chromium	52-2	0.08	0.10	0.10	0.09	11.92	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	21.80	ppb
Copper	63-2	5.36	5.39	5.39	5.38	0.31	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				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	7.44	7.27	7.42	7.38	1.22	ppb
Iron	57-2	48.02	43.48	43.78	45.09	5.63	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.15	0.14	7.53	ppb
Lead	207-1	0.12	0.14	0.12	0.13	5.80	ppb
Lead	208-1	0.12	0.12	0.12	0.12	2.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	2851.20	2823.39	2850.39	2841.66	0.56	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.58	12.67	12.93	12.73	1.43	ppb
Molybdenum	94-1	0.06	0.06	0.09	0.07	20.88	ppb
Molybdenum	95-1	0.14	0.17	0.20	0.17	15.72	ppb
Molybdenum	96-1	0.19	0.16	0.14	0.16	15.51	ppb
Molybdenum	97-1	0.16	0.14	0.15	0.15	5.66	ppb
Molybdenum	98-1	0.13	0.13	0.17	0.14	15.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.26	0.24	0.26	8.74	ppb
Phosphorus	31-2	416.86	380.06	443.68	413.53	7.72	ppb
Potassium	39-2	764.17	773.42	778.95	772.18	0.97	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.50	1.72	1.27	1.16	53.18	ppb
Selenium	82-1	-0.08	0.05	0.29	0.09	212.93	ppb
Silicon	28-1	1467.78	1537.77	1522.35	1509.30	2.44	ppb
Silver	109-1	0.00	0.00	0.00	0.00	398.33	ppb
Silver	107-1	0.01	0.00	0.01	0.00	121.28	ppb
Sodium	23-2	25395.94	25184.31	25378.99	25319.75	0.46	ppb
Strontium	86-1	37.22	36.83	36.96	37.00	0.54	ppb
Strontium	88-1	36.67	36.73	36.53	36.65	0.28	ppb
Sulfur	34-1	844.51	1254.01	1131.12	1076.55	19.52	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.21	0.17	0.20	13.11	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.18	ppb
Thorium	232-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.22	0.28	0.26	0.25	12.99	ppb
Titanium	47-1	0.49	0.57	0.53	0.53	7.51	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.09	0.08	0.11	0.09	14.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.84	5.81	5.97	5.88	1.44	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	34.57	ppb
Zirconium	91-1	0.03	0.00	0.00	0.01	192.17	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.01	6.27	6.57	6.28	4.50	ppb
Antimony	121-1	0.46	0.52	0.52	0.50	7.04	ppb
Arsenic	75-2	0.11	0.14	0.11	0.12	15.05	ppb
Barium	135-1	324.88	326.82	323.63	325.11	0.49	ppb
Barium	137-1	324.97	322.45	322.20	323.21	0.47	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	117.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	70.48	72.75	72.75	71.99	1.82	ppb
Boron	11-1	70.24	71.72	71.85	71.27	1.25	ppb
Cadmium	111-1	-0.33	-0.21	-0.26	-0.27		ppb
Cadmium	106-1	-4.59	-2.91	-3.61	-3.70		ppb
Cadmium	108-1	-0.12	0.08	0.05	0.00	3245.88	ppb
Calcium	43-1	260.05	247.98	246.78	251.60	2.92	ppb
Calcium	44-1	277.53	275.08	268.28	273.63	1.75	ppb
Chromium	52-2	0.82	0.88	0.96	0.88	7.69	ppb
Cobalt	59-2	0.06	0.11	0.10	0.09	30.34	ppb
Copper	63-2	15.45	15.74	15.26	15.48	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	7.29	7.49	7.62	7.47	2.28	ppb
Iron	57-2	6.12	8.67	7.23	7.34	17.39	ppb
Krypton	83-1						cps
Lead	206-1	1.80	1.66	1.84	1.77	5.52	ppb
Lead	207-1	1.62	1.58	1.67	1.62	2.81	ppb
Lead	208-1	1.65	1.59	1.71	1.65	3.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	68.23	64.71	57.37	63.44	8.73	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.13	3.95	3.90	3.99	2.98	ppb
Molybdenum	94-1	0.12	0.12	0.15	0.13	13.11	ppb
Molybdenum	95-1	0.15	0.16	0.14	0.15	6.82	ppb
Molybdenum	96-1	0.16	0.15	0.19	0.17	12.68	ppb
Molybdenum	97-1	0.15	0.14	0.12	0.14	9.68	ppb
Molybdenum	98-1	0.11	0.15	0.12	0.13	14.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.25	0.16	0.20	22.49	ppb
Phosphorus	31-2	420.45	355.09	399.52	391.69	8.52	ppb
Potassium	39-2	139.89	135.38	134.30	136.52	2.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	1.42	0.96	-0.37	0.67	138.40	ppb
Selenium	82-1	0.12	-0.09	-0.34	-0.10		ppb
Silicon	28-1	7661.63	7668.82	7435.43	7588.63	1.75	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.56	ppb
Silver	107-1	0.01	0.01	0.00	0.01	41.42	ppb
Sodium	23-2	81315.50	81086.87	80803.50	81068.62	0.32	ppb
Strontium	86-1	4.00	3.91	3.76	3.89	3.14	ppb
Strontium	88-1	3.93	3.98	3.96	3.96	0.59	ppb
Sulfur	34-1	2203.57	2248.92	1820.02	2090.84	11.27	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.09	0.11	0.10	14.42	ppb
Thallium	205-1	0.12	0.11	0.13	0.12	8.43	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.18	0.15	0.17	0.17	8.37	ppb
Titanium	47-1	143.15	142.70	139.82	141.89	1.27	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.08	0.06	0.08	0.08	14.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	177.69	179.57	177.58	178.28	0.63	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	6.76	ppb
Zirconium	91-1	0.06	0.04	0.09	0.06	44.23	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.90	37.92	38.96	37.26	5.66	ppb
Antimony	121-1	0.09	0.07	0.08	0.08	12.43	ppb
Arsenic	75-2	0.18	0.20	0.18	0.19	4.91	ppb
Barium	135-1	7.57	6.87	7.17	7.20	4.85	ppb
Barium	137-1	7.27	6.95	7.06	7.09	2.24	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	733.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	15.81	14.36	15.25	15.14	4.85	ppb
Boron	11-1	16.08	15.98	15.01	15.69	3.76	ppb
Cadmium	111-1	-0.16	-0.39	-0.18	-0.24		ppb
Cadmium	106-1	-2.28	-5.20	-2.37	-3.28		ppb
Cadmium	108-1	-0.05	-0.02	0.08	0.00	1636.17	ppb
Calcium	43-1	12539.52	12045.20	12095.70	12226.81	2.22	ppb
Calcium	44-1	12392.23	11947.91	11981.44	12107.19	2.04	ppb
Chromium	52-2	0.07	0.09	0.08	0.08	18.62	ppb
Cobalt	59-2	0.02	0.01	0.04	0.02	49.45	ppb
Copper	63-2	90.32	89.55	90.36	90.08	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	13.31	13.08	13.35	13.24	1.10	ppb
Iron	57-2	52.52	51.86	48.82	51.07	3.86	ppb
Krypton	83-1						cps
Lead	206-1	5.27	4.61	4.60	4.83	7.98	ppb
Lead	207-1	4.58	4.02	3.96	4.18	8.16	ppb
Lead	208-1	4.72	4.22	4.18	4.37	6.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	3356.17	3366.93	3324.67	3349.26	0.66	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	55.83	56.27	55.53	55.88	0.68	ppb
Molybdenum	94-1	0.22	0.16	0.18	0.19	16.71	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	10.07	ppb
Molybdenum	96-1	0.09	0.12	0.10	0.10	16.12	ppb
Molybdenum	97-1	0.07	0.10	0.08	0.08	20.59	ppb
Molybdenum	98-1	0.09	0.10	0.12	0.10	16.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.37	0.39	0.40	6.64	ppb
Phosphorus	31-2	502.10	500.32	479.32	493.91	2.57	ppb
Potassium	39-2	671.99	663.41	672.85	669.42	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.34	0.21	0.30	0.28	22.75	ppb
Selenium	82-1	-0.01	0.08	-0.03	0.01	519.04	ppb
Silicon	28-1	2745.43	2663.97	2671.33	2693.58	1.67	ppb
Silver	109-1	0.01	0.00	0.01	0.01	76.51	ppb
Silver	107-1	-0.01	0.00	0.01	0.00		ppb
Sodium	23-2	24950.87	24852.51	24792.64	24865.34	0.32	ppb
Strontium	86-1	33.38	31.22	31.46	32.02	3.69	ppb
Strontium	88-1	32.37	31.26	30.93	31.52	2.40	ppb
Sulfur	34-1	2190.41	2070.58	2047.59	2102.86	3.65	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.07	0.07	7.04	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	22.91	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.15	0.11	0.11	0.12	19.08	ppb
Titanium	47-1	0.81	0.88	0.66	0.78	14.17	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.09	0.08	0.12	0.10	22.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	61.67	59.15	60.61	60.47	2.09	ppb
Zirconium	90-1	0.09	0.06	0.07	0.08	20.13	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	10.77	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50194.37	50156.58	49526.79	49959.25	0.75	ppb
Antimony	121-1	474.63	478.43	473.85	475.64	0.51	ppb
Arsenic	75-2	515.74	519.84	517.46	517.68	0.40	ppb
Barium	135-1	2398.85	2426.46	2413.60	2412.97	0.57	ppb
Barium	137-1	2492.80	2530.44	2513.10	2512.12	0.75	ppb
Beryllium	9-1	494.16	495.88	496.45	495.49	0.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	493.96	502.80	502.16	499.64	0.99	ppb
Boron	11-1	481.15	495.09	493.89	490.05	1.58	ppb
Cadmium	111-1	506.38	511.41	508.01	508.60	0.50	ppb
Cadmium	106-1	506.13	507.33	506.45	506.64	0.12	ppb
Cadmium	108-1	510.25	510.40	506.44	509.03	0.44	ppb
Calcium	43-1	238919.32	240266.49	240242.44	239809.42	0.32	ppb
Calcium	44-1	244605.71	247179.24	246340.54	246041.83	0.53	ppb
Chromium	52-2	498.87	497.29	488.09	494.75	1.18	ppb
Cobalt	59-2	483.42	484.21	475.98	481.20	0.94	ppb
Copper	63-2	997.36	1002.34	983.18	994.29	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	130467.60	129958.97	128302.36	129576.31	0.87	ppb
Iron	57-2	126439.75	126860.51	124595.90	125965.39	0.96	ppb
Krypton	83-1						cps
Lead	206-1	514.20	518.40	518.10	516.90	0.45	ppb
Lead	207-1	512.15	514.26	517.89	514.77	0.56	ppb
Lead	208-1	504.88	509.26	511.29	508.47	0.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	256532.13	255291.99	252447.67	254757.27	0.82	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	972.23	975.99	964.03	970.75	0.63	ppb
Molybdenum	94-1	2509.56	2521.14	2544.73	2525.14	0.71	ppb
Molybdenum	95-1	2507.10	2523.47	2535.20	2521.92	0.56	ppb
Molybdenum	96-1	2508.59	2519.01	2534.88	2520.83	0.53	ppb
Molybdenum	97-1	2372.12	2378.75	2403.42	2384.76	0.69	ppb
Molybdenum	98-1	2501.51	2506.92	2544.96	2517.80	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.77	481.70	474.95	478.47	0.71	ppb
Phosphorus	31-2	9899.09	9952.01	9996.75	9949.28	0.49	ppb
Potassium	39-2	128609.97	128849.86	126596.57	128018.80	0.97	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	480.88	500.84	499.96	493.89	2.28	ppb
Selenium	78-2	486.69	488.09	502.78	492.52	1.81	ppb
Selenium	82-1	481.04	477.29	480.62	479.65	0.43	ppb
Silicon	28-1	490.51	498.90	503.37	497.59	1.31	ppb
Silver	109-1	486.54	493.88	489.59	490.01	0.75	ppb
Silver	107-1	486.04	491.80	486.99	488.28	0.63	ppb
Sodium	23-2	255924.26	255233.28	250559.59	253905.71	1.15	ppb
Strontium	86-1	484.90	486.85	488.52	486.76	0.37	ppb
Strontium	88-1	498.96	500.90	506.30	502.05	0.76	ppb
Sulfur	34-1	10137.25	9966.68	9881.84	9995.26	1.30	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	506.52	510.08	511.34	509.31	0.49	ppb
Thallium	205-1	532.40	534.26	533.84	533.50	0.18	ppb
Thorium	232-1	534.78	541.41	547.60	541.26	1.18	ppb
Tin	118-1	479.83	490.79	480.80	483.81	1.25	ppb
Titanium	47-1	2497.49	2501.48	2504.10	2501.02	0.13	ppb
Uranium	238-1	539.31	541.80	549.27	543.46	0.95	ppb
Vanadium	51-2	496.75	495.15	490.04	493.98	0.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.33	1025.39	1017.91	1021.54	0.37	ppb
Zirconium	90-1	478.30	479.60	481.33	479.75	0.32	ppb
Zirconium	91-1	487.40	489.33	493.85	490.19	0.68	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.16	2.75	3.75	3.89	31.15	ppb
Antimony	121-1	0.46	0.56	0.51	0.51	10.11	ppb
Arsenic	75-2	0.08	0.04	0.01	0.04	79.43	ppb
Barium	135-1	0.36	0.36	0.27	0.33	15.45	ppb
Barium	137-1	0.34	0.30	0.27	0.31	12.45	ppb
Beryllium	9-1	0.07	0.09	0.07	0.08	11.74	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	20.89	20.11	18.54	19.84	6.04	ppb
Boron	11-1	20.14	19.73	17.78	19.22	6.57	ppb
Cadmium	111-1	-0.21	-0.18	-0.14	-0.17		ppb
Cadmium	106-1	-3.85	-3.62	-3.18	-3.55		ppb
Cadmium	108-1	0.01	0.01	-0.09	-0.02		ppb
Calcium	43-1	36.46	32.69	29.16	32.77	11.15	ppb
Calcium	44-1	29.95	31.48	24.31	28.58	13.22	ppb
Chromium	52-2	0.04	0.04	-0.03	0.02	207.42	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	2.78	ppb
Copper	63-2	0.13	0.06	0.04	0.08	57.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	10.56	9.45	7.56	9.19	16.52	ppb
Iron	57-2	11.43	6.03	6.09	7.85	39.49	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.08	0.09	26.45	ppb
Lead	207-1	0.07	0.09	0.09	0.08	15.50	ppb
Lead	208-1	0.10	0.08	0.08	0.09	11.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	24.07	14.64	14.24	17.65	31.51	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.07	0.07	0.07	9.13	ppb
Molybdenum	94-1	0.72	0.48	0.48	0.56	24.40	ppb
Molybdenum	95-1	0.81	0.63	0.57	0.67	19.27	ppb
Molybdenum	96-1	0.77	0.67	0.58	0.68	13.86	ppb
Molybdenum	97-1	0.66	0.59	0.52	0.59	12.24	ppb
Molybdenum	98-1	0.66	0.59	0.53	0.59	11.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.02	0.09	0.06	54.37	ppb
Phosphorus	31-2	-22.93	-35.97	-29.35	-29.41		ppb
Potassium	39-2	17.22	9.17	-1.72	8.22	115.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-0.19	-0.19	0.34	-0.02		ppb
Selenium	78-2	0.59	0.53	0.58	0.57	5.64	ppb
Selenium	82-1	0.10	0.03	-0.16	-0.01		ppb
Silicon	28-1	-0.68	-0.15	-1.15	-0.66		ppb
Silver	109-1	0.11	0.11	0.09	0.10	12.64	ppb
Silver	107-1	0.10	0.13	0.10	0.11	14.83	ppb
Sodium	23-2	54.50	49.23	43.29	49.01	11.44	ppb
Strontium	86-1	0.05	0.06	0.13	0.08	55.74	ppb
Strontium	88-1	0.06	0.07	0.05	0.06	12.14	ppb
Sulfur	34-1	-810.08	-583.57	-702.92	-698.86		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.18	0.14	0.17	10.70	ppb
Thallium	205-1	0.21	0.17	0.16	0.18	13.21	ppb
Thorium	232-1	0.14	0.12	0.14	0.13	9.79	ppb
Tin	118-1	0.33	0.28	0.22	0.28	18.31	ppb
Titanium	47-1	0.35	0.36	0.36	0.36	1.37	ppb
Uranium	238-1	0.04	0.05	0.02	0.04	34.78	ppb
Vanadium	51-2	0.06	0.02	0.02	0.03	61.67	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.34	0.33	0.30	18.42	ppb
Zirconium	90-1	0.10	0.06	0.07	0.08	29.20	ppb
Zirconium	91-1	0.11	0.09	0.09	0.09	10.12	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.22	21.77	18.79	19.93	8.07	ppb
Antimony	121-1	2.03	2.08	1.99	2.03	2.39	ppb
Arsenic	75-2	1.10	1.22	1.16	1.16	5.40	ppb
Barium	135-1	10.15	10.06	9.67	9.96	2.55	ppb
Barium	137-1	10.00	10.11	9.77	9.96	1.75	ppb
Beryllium	9-1	1.06	1.00	0.99	1.02	3.84	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	31.48	33.28	33.26	32.67	3.16	ppb
Boron	11-1	31.83	33.45	33.14	32.81	2.61	ppb
Cadmium	111-1	0.70	0.87	0.80	0.79	10.81	ppb
Cadmium	106-1	-3.04	-2.96	-0.91	-2.30		ppb
Cadmium	108-1	1.07	0.98	0.69	0.92	21.74	ppb
Calcium	43-1	467.70	463.11	480.65	470.49	1.93	ppb
Calcium	44-1	485.56	470.52	470.46	475.51	1.83	ppb
Chromium	52-2	2.07	2.10	2.03	2.07	1.77	ppb
Cobalt	59-2	1.07	1.00	1.03	1.03	3.64	ppb
Copper	63-2	1.93	1.89	1.90	1.91	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	60.31	61.54	61.26	61.03	1.05	ppb
Iron	57-2	62.64	64.70	63.70	63.68	1.62	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.98	0.99	0.99	1.32	ppb
Lead	207-1	1.00	0.94	1.01	0.98	3.50	ppb
Lead	208-1	0.96	0.94	0.99	0.96	2.99	ppb
Lithium	6-1				108		%
Magnesium	24-2	522.90	516.88	522.24	520.67	0.63	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	1.04	1.17	1.11	5.89	ppb
Molybdenum	94-1	4.65	4.86	4.52	4.67	3.68	ppb
Molybdenum	95-1	5.05	4.61	4.82	4.83	4.61	ppb
Molybdenum	96-1	4.80	4.53	4.76	4.70	3.17	ppb
Molybdenum	97-1	4.71	4.60	4.77	4.69	1.79	ppb
Molybdenum	98-1	4.76	4.67	4.79	4.74	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.18	0.96	1.05	11.02	ppb
Phosphorus	31-2	19.30	-1.32	39.60	19.19	106.62	ppb
Potassium	39-2	492.00	499.45	499.46	496.97	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	1.57	6.83	4.50	4.30	61.33	ppb
Selenium	78-2	6.48	6.35	5.98	6.27	4.07	ppb
Selenium	82-1	4.52	5.04	4.86	4.81	5.49	ppb
Silicon	28-1	5.08	5.53	5.30	5.30	4.22	ppb
Silver	109-1	1.05	1.09	1.11	1.08	2.83	ppb
Silver	107-1	1.12	1.08	1.08	1.09	1.88	ppb
Sodium	23-2	526.52	521.20	520.59	522.77	0.62	ppb
Strontium	86-1	1.06	0.96	0.92	0.98	7.28	ppb
Strontium	88-1	1.02	0.95	0.94	0.97	4.38	ppb
Sulfur	34-1	-759.34	-670.74	-756.25	-728.78		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.98	0.99	0.90	0.95	4.79	ppb
Thallium	205-1	1.03	0.98	0.97	0.99	3.35	ppb
Thorium	232-1	0.86	0.82	0.84	0.84	2.57	ppb
Tin	118-1	5.22	5.15	5.22	5.20	0.84	ppb
Titanium	47-1	4.87	4.60	4.88	4.78	3.38	ppb
Uranium	238-1	0.85	0.84	0.85	0.85	0.49	ppb
Vanadium	51-2	5.10	5.19	5.06	5.12	1.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.65	2.52	2.63	2.60	2.58	ppb
Zirconium	90-1	0.91	0.88	0.91	0.90	1.84	ppb
Zirconium	91-1	1.00	0.92	0.98	0.97	4.65	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3756.09	3695.98	3700.84	3717.64	0.90	ppb
Antimony	121-1	0.89	0.88	0.97	0.92	5.40	ppb
Arsenic	75-2	12.22	12.14	12.48	12.28	1.41	ppb
Barium	135-1	104.50	103.62	103.24	103.79	0.62	ppb
Barium	137-1	103.24	102.19	101.53	102.32	0.84	ppb
Beryllium	9-1	0.23	0.25	0.29	0.26	12.20	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	10.00	9.07	9.15	9.40	5.49	ppb
Boron	11-1	9.82	9.39	9.12	9.44	3.70	ppb
Cadmium	111-1	1.32	1.13	0.97	1.14	15.54	ppb
Cadmium	106-1	-0.63	-0.70	-2.82	-1.38		ppb
Cadmium	108-1	1.50	1.54	1.29	1.44	9.31	ppb
Calcium	43-1	2582.86	2570.11	2488.25	2547.07	2.02	ppb
Calcium	44-1	2545.58	2546.20	2531.02	2540.94	0.34	ppb
Chromium	52-2	93.84	91.52	93.11	92.82	1.28	ppb
Cobalt	59-2	5.06	5.29	5.14	5.16	2.28	ppb
Copper	63-2	209.00	208.67	210.52	209.40	0.47	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				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	8655.98	8579.05	8617.74	8617.59	0.45	ppb
Iron	57-2	8380.01	8347.12	8292.20	8339.78	0.53	ppb
Krypton	83-1						cps
Lead	206-1	366.87	366.66	365.65	366.40	0.18	ppb
Lead	207-1	349.65	350.42	347.29	349.12	0.47	ppb
Lead	208-1	351.10	350.87	348.87	350.28	0.35	ppb
Lithium	6-1				110		%
Magnesium	24-2	1850.99	1816.08	1836.22	1834.43	0.96	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.21	199.83	202.67	201.23	0.70	ppb
Molybdenum	94-1	3.26	3.26	3.07	3.20	3.50	ppb
Molybdenum	95-1	3.46	3.43	3.42	3.44	0.55	ppb
Molybdenum	96-1	3.52	3.47	3.54	3.51	0.98	ppb
Molybdenum	97-1	3.17	3.30	3.45	3.31	4.19	ppb
Molybdenum	98-1	3.41	3.36	3.50	3.42	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.76	39.55	39.48	39.27	1.11	ppb
Phosphorus	31-2	623.15	570.71	606.50	600.12	4.47	ppb
Potassium	39-2	263.48	252.88	253.68	256.68	2.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	77-2	3.24	0.95	3.75	2.64	56.38	ppb
Selenium	78-2	1.48	1.10	0.51	1.03	47.72	ppb
Selenium	82-1	-0.24	0.75	0.33	0.28	179.89	ppb
Silicon	28-1	594.54	597.73	599.29	597.19	0.41	ppb
Silver	109-1	0.88	0.93	0.91	0.91	2.85	ppb
Silver	107-1	0.87	0.85	0.90	0.87	3.02	ppb
Sodium	23-2	64.03	61.59	67.40	64.34	4.54	ppb
Strontium	86-1	12.76	12.79	12.68	12.74	0.46	ppb
Strontium	88-1	12.55	12.48	12.54	12.52	0.30	ppb
Sulfur	34-1	-666.74	-771.47	-837.83	-758.68		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.12	0.15	0.13	17.76	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	7.01	ppb
Thorium	232-1	0.13	0.12	0.13	0.13	2.07	ppb
Tin	118-1	85.18	85.09	84.69	84.99	0.31	ppb
Titanium	47-1	21.81	21.00	22.29	21.70	3.00	ppb
Uranium	238-1	0.43	0.44	0.41	0.43	3.92	ppb
Vanadium	51-2	10.31	10.06	10.15	10.17	1.25	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	701.08	692.69	700.36	698.04	0.67	ppb
Zirconium	90-1	0.52	0.56	0.54	0.54	3.74	ppb
Zirconium	91-1	0.58	0.48	0.65	0.57	14.49	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.09	45.75	42.07	43.30	4.89	ppb
Antimony	121-1	0.10	0.08	0.10	0.09	8.16	ppb
Arsenic	75-2	0.16	0.20	0.14	0.17	18.20	ppb
Barium	135-1	7.50	7.25	7.25	7.33	1.97	ppb
Barium	137-1	7.13	7.59	7.38	7.37	3.13	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	138.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	13.73	11.31	12.93	12.66	9.73	ppb
Boron	11-1	13.34	13.03	12.85	13.08	1.90	ppb
Cadmium	111-1	-0.37	-0.26	-0.39	-0.34		ppb
Cadmium	106-1	-5.34	-3.64	-5.47	-4.82		ppb
Cadmium	108-1	-0.06	-0.06	-0.09	-0.07		ppb
Calcium	43-1	11818.17	11915.13	11741.44	11824.91	0.74	ppb
Calcium	44-1	11694.33	11667.38	11686.13	11682.61	0.12	ppb
Chromium	52-2	0.15	0.10	0.05	0.10	47.97	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	59.25	ppb
Copper	63-2	24.34	24.34	23.77	24.15	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				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	10.58	10.13	9.94	10.22	3.19	ppb
Iron	57-2	45.01	43.60	49.84	46.15	7.09	ppb
Krypton	83-1						cps
Lead	206-1	38.44	38.21	37.85	38.17	0.78	ppb
Lead	207-1	35.87	35.90	35.48	35.75	0.66	ppb
Lead	208-1	36.31	36.24	35.84	36.13	0.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	3297.49	3297.74	3296.29	3297.17	0.02	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.50	33.63	33.31	33.48	0.48	ppb
Molybdenum	94-1	0.25	0.25	0.29	0.26	9.36	ppb
Molybdenum	95-1	0.13	0.14	0.15	0.14	5.80	ppb
Molybdenum	96-1	0.15	0.16	0.12	0.14	12.14	ppb
Molybdenum	97-1	0.12	0.14	0.12	0.13	7.17	ppb
Molybdenum	98-1	0.11	0.09	0.11	0.10	13.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.25	0.23	0.27	16.19	ppb
Phosphorus	31-2	482.07	523.61	492.72	499.46	4.32	ppb
Potassium	39-2	663.89	658.30	668.33	663.51	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.08	0.56	0.28	0.31	79.91	ppb
Selenium	82-1	0.04	0.45	0.21	0.23	88.06	ppb
Silicon	28-1	2582.70	2577.98	2593.55	2584.74	0.31	ppb
Silver	109-1	0.01	0.00	0.00	0.01	68.31	ppb
Silver	107-1	0.00	0.01	0.01	0.01	97.32	ppb
Sodium	23-2	25003.19	24774.75	24725.89	24834.61	0.60	ppb
Strontium	86-1	32.76	32.59	33.20	32.85	0.97	ppb
Strontium	88-1	32.40	32.11	32.24	32.25	0.44	ppb
Sulfur	34-1	1988.84	1821.05	1879.94	1896.61	4.49	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.04	0.03	0.05	50.73	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	3.48	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.49	1.43	1.47	1.46	1.90	ppb
Titanium	47-1	0.88	0.44	0.90	0.74	35.37	ppb
Uranium	238-1	0.01	-0.02	-0.01	0.00		ppb
Vanadium	51-2	0.11	0.13	0.14	0.13	12.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	72.91	72.06	72.28	72.42	0.61	ppb
Zirconium	90-1	0.11	0.11	0.10	0.11	5.33	ppb
Zirconium	91-1	0.15	0.14	0.09	0.13	25.54	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.50	24.57	27.24	28.10	14.35	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	7.84	ppb
Arsenic	75-2	0.15	0.05	0.04	0.08	76.56	ppb
Barium	135-1	0.41	0.47	0.33	0.40	17.54	ppb
Barium	137-1	0.37	0.37	0.35	0.36	2.40	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	55.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	13.71	13.83	14.00	13.84	1.07	ppb
Boron	11-1	14.64	14.64	13.68	14.32	3.87	ppb
Cadmium	111-1	-0.19	-0.33	-0.32	-0.28		ppb
Cadmium	106-1	-2.75	-4.56	-4.49	-3.93		ppb
Cadmium	108-1	-0.12	-0.12	0.01	-0.08		ppb
Calcium	43-1	8104.16	7803.64	8003.02	7970.27	1.92	ppb
Calcium	44-1	7953.67	7516.83	7921.55	7797.35	3.12	ppb
Chromium	52-2	0.08	0.02	0.02	0.04	89.20	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.52	0.54	0.52	0.53	2.08	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				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	2.32	2.31	2.52	2.38	4.94	ppb
Iron	57-2	23.88	28.43	31.55	27.95	13.80	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.37	0.33	0.34	6.50	ppb
Lead	207-1	0.39	0.36	0.34	0.36	7.37	ppb
Lead	208-1	0.34	0.34	0.34	0.34	1.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	3792.36	3819.14	3783.02	3798.17	0.49	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.25	1.26	1.26	1.42	ppb
Molybdenum	94-1	0.14	0.09	0.13	0.12	22.99	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	8.06	ppb
Molybdenum	96-1	0.11	0.13	0.10	0.11	11.20	ppb
Molybdenum	97-1	0.11	0.11	0.13	0.12	12.19	ppb
Molybdenum	98-1	0.12	0.11	0.14	0.12	13.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	0.14	0.11	24.85	ppb
Phosphorus	31-2	458.08	501.87	623.14	527.70	16.20	ppb
Potassium	39-2	7448.33	7503.71	7485.71	7479.25	0.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.01	0.49	-0.28	0.07	591.97	ppb
Selenium	82-1	-0.26	0.09	0.11	-0.02		ppb
Silicon	28-1	3264.02	3088.91	3240.58	3197.84	2.97	ppb
Silver	109-1	0.00	0.01	0.00	0.01	22.16	ppb
Silver	107-1	0.00	0.00	0.01	0.00	437.80	ppb
Sodium	23-2	28266.77	28401.41	28253.37	28307.18	0.29	ppb
Strontium	86-1	5.42	5.36	5.62	5.47	2.50	ppb
Strontium	88-1	5.65	5.59	5.70	5.65	0.93	ppb
Sulfur	34-1	1602.48	1273.17	1671.12	1515.59	14.04	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.01	0.01	105.07	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	26.46	ppb
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.14	0.09	0.13	0.12	20.27	ppb
Titanium	47-1	0.83	0.95	1.09	0.96	13.76	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.13	0.13	0.16	0.14	13.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.60	2.50	2.67	2.59	3.42	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	25.61	ppb
Zirconium	91-1	0.08	0.03	0.03	0.05	61.89	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.70	122.19	112.50	119.46	5.09	ppb
Antimony	121-1	0.20	0.22	0.26	0.23	14.08	ppb
Arsenic	75-2	0.03	0.07	0.04	0.05	44.83	ppb
Barium	135-1	320.64	323.87	319.21	321.24	0.74	ppb
Barium	137-1	320.01	319.11	315.13	318.08	0.82	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	52.31	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	180.24	182.95	179.72	180.97	0.96	ppb
Boron	11-1	178.55	180.77	184.45	181.26	1.64	ppb
Cadmium	111-1	-0.37	-0.28	-0.29	-0.31		ppb
Cadmium	106-1	-6.21	-4.59	-4.88	-5.23		ppb
Cadmium	108-1	0.01	0.01	0.07	0.03	131.98	ppb
Calcium	43-1	400.43	392.20	383.31	391.98	2.18	ppb
Calcium	44-1	390.88	386.25	394.77	390.63	1.09	ppb
Chromium	52-2	0.02	0.04	0.01	0.02	81.31	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	26.21	ppb
Copper	63-2	1.73	1.66	1.67	1.69	2.29	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				109		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	21.29	21.90	21.49	21.56	1.45	ppb
Iron	57-2	18.73	17.83	19.18	18.58	3.69	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.68	0.70	0.67	4.51	ppb
Lead	207-1	0.64	0.64	0.65	0.64	0.82	ppb
Lead	208-1	0.63	0.64	0.61	0.63	2.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	86.97	90.87	87.67	88.50	2.35	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.02	3.91	3.98	3.97	1.39	ppb
Molybdenum	94-1	0.04	0.02	-0.03	0.01	440.60	ppb
Molybdenum	95-1	0.02	-0.01	0.00	0.00	460.32	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	69.97	ppb
Molybdenum	97-1	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.21	0.22	0.24	16.95	ppb
Phosphorus	31-2	-34.20	-27.80	-31.18	-31.06		ppb
Potassium	39-2	2843.92	2844.83	2814.59	2834.45	0.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.17	0.46	-0.04	0.08	395.77	ppb
Selenium	82-1	0.21	-0.19	-0.11	-0.03		ppb
Silicon	28-1	3732.26	3735.61	3747.17	3738.35	0.21	ppb
Silver	109-1	7.18	7.07	6.88	7.04	2.21	ppb
Silver	107-1	7.12	7.09	7.21	7.14	0.89	ppb
Sodium	23-2	43857.87	43501.03	43204.38	43521.10	0.75	ppb
Strontium	86-1	7.40	7.18	7.34	7.31	1.58	ppb
Strontium	88-1	7.23	7.17	7.12	7.17	0.73	ppb
Sulfur	34-1	4531.42	4397.98	4433.40	4454.27	1.55	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.01	0.02	63.81	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	12.17	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.04	0.06	0.05	29.98	ppb
Titanium	47-1	0.63	0.28	0.74	0.55	44.22	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	4.47	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	87.80	88.19	87.38	87.79	0.46	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	26.39	ppb
Zirconium	91-1	0.04	0.03	0.00	0.02	91.51	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.95	55.52	53.05	55.84	5.30	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.05	ppb
Arsenic	75-2	0.27	0.20	0.24	0.24	16.36	ppb
Barium	135-1	7.26	7.46	7.62	7.45	2.44	ppb
Barium	137-1	7.20	7.51	7.23	7.32	2.32	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	57.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	18.26	19.44	19.16	18.95	3.26	ppb
Boron	11-1	19.07	18.50	19.13	18.90	1.84	ppb
Cadmium	111-1	-0.30	-0.23	-0.28	-0.27		ppb
Cadmium	106-1	-4.21	-3.18	-3.82	-3.74		ppb
Cadmium	108-1	-0.06	-0.05	-0.15	-0.09		ppb
Calcium	43-1	12014.13	12032.04	12037.48	12027.88	0.10	ppb
Calcium	44-1	11787.66	11821.98	11800.49	11803.38	0.15	ppb
Chromium	52-2	0.07	0.06	0.00	0.04	90.72	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	38.45	ppb
Copper	63-2	30.18	30.39	30.35	30.30	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	20.71	20.96	20.70	20.79	0.72	ppb
Iron	57-2	51.36	57.24	53.35	53.98	5.53	ppb
Krypton	83-1						cps
Lead	206-1	1.92	1.87	1.87	1.88	1.58	ppb
Lead	207-1	1.78	1.81	1.78	1.79	1.05	ppb
Lead	208-1	1.82	1.81	1.81	1.81	0.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	3304.15	3292.07	3317.12	3304.45	0.38	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	51.60	51.17	50.66	51.14	0.93	ppb
Molybdenum	94-1	0.19	0.23	0.26	0.23	16.70	ppb
Molybdenum	95-1	0.09	0.10	0.08	0.09	13.95	ppb
Molybdenum	96-1	0.12	0.10	0.13	0.12	12.68	ppb
Molybdenum	97-1	0.09	0.09	0.07	0.08	10.86	ppb
Molybdenum	98-1	0.09	0.08	0.11	0.10	16.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.39	0.30	0.37	15.62	ppb
Phosphorus	31-2	500.11	487.28	581.72	523.03	9.79	ppb
Potassium	39-2	664.08	655.53	647.57	655.73	1.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	0.42	-0.19	-0.19	0.01	3225.78	ppb
Selenium	78-2	0.43	-0.59	-0.69	-0.28		ppb
Selenium	82-1	0.01	0.15	0.33	0.16	98.48	ppb
Silicon	28-1	2614.92	2618.67	2603.48	2612.36	0.30	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.18	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	24881.47	24552.45	24505.19	24646.37	0.83	ppb
Strontium	86-1	31.94	32.60	31.49	32.01	1.74	ppb
Strontium	88-1	31.21	31.39	30.96	31.19	0.70	ppb
Sulfur	34-1	1659.80	1657.92	1629.19	1648.97	1.04	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.02	0.01	129.11	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.37	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.17	0.21	0.24	0.21	16.03	ppb
Titanium	47-1	0.81	0.82	0.97	0.87	10.40	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.12	0.11	0.08	0.10	17.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	78.01	79.20	75.95	77.72	2.11	ppb
Zirconium	90-1	0.13	0.11	0.11	0.12	9.93	ppb
Zirconium	91-1	0.16	0.15	0.12	0.14	12.29	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49402.33	50152.46	49941.33	49832.04	0.78	ppb
Antimony	121-1	472.61	468.38	467.36	469.45	0.59	ppb
Arsenic	75-2	515.41	513.03	514.46	514.30	0.23	ppb
Barium	135-1	2387.09	2375.98	2372.43	2378.50	0.32	ppb
Barium	137-1	2505.05	2494.15	2489.22	2496.14	0.32	ppb
Beryllium	9-1	495.29	493.08	492.74	493.70	0.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	496.71	499.30	503.25	499.75	0.66	ppb
Boron	11-1	483.51	491.67	501.76	492.31	1.86	ppb
Cadmium	111-1	504.87	501.15	499.71	501.91	0.53	ppb
Cadmium	106-1	503.17	502.15	491.27	498.86	1.32	ppb
Cadmium	108-1	515.58	512.68	508.36	512.21	0.71	ppb
Calcium	43-1	239186.99	238447.80	224903.15	234179.31	3.43	ppb
Calcium	44-1	247003.53	245821.00	234259.84	242361.45	2.91	ppb
Chromium	52-2	493.83	495.51	496.58	495.31	0.28	ppb
Cobalt	59-2	476.04	482.90	483.64	480.86	0.87	ppb
Copper	63-2	983.62	1000.48	1000.27	994.79	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	129677.10	131199.24	130472.81	130449.72	0.58	ppb
Iron	57-2	125320.55	125842.12	125801.69	125654.78	0.23	ppb
Krypton	83-1						cps
Lead	206-1	511.38	485.52	481.95	492.95	3.26	ppb
Lead	207-1	510.80	480.64	477.22	489.55	3.77	ppb
Lead	208-1	502.98	474.65	472.02	483.21	3.55	ppb
Lithium	6-1				103		%
Magnesium	24-2	253698.13	256801.92	256394.60	255631.55	0.66	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.05	974.10	974.24	971.47	0.48	ppb
Molybdenum	94-1	2475.91	2492.25	2500.61	2489.59	0.50	ppb
Molybdenum	95-1	2486.10	2487.52	2507.29	2493.64	0.48	ppb
Molybdenum	96-1	2482.34	2497.90	2508.97	2496.40	0.54	ppb
Molybdenum	97-1	2334.80	2354.22	2348.45	2345.82	0.43	ppb
Molybdenum	98-1	2469.42	2506.16	2505.06	2493.55	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.36	481.93	478.26	478.18	0.79	ppb
Phosphorus	31-2	9890.40	10086.90	9541.94	9839.75	2.80	ppb
Potassium	39-2	127969.29	129761.25	128994.77	128908.44	0.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	508.28	468.54	532.13	502.98	6.39	ppb
Selenium	78-2	490.89	489.53	495.84	492.09	0.67	ppb
Selenium	82-1	468.51	480.01	473.76	474.10	1.21	ppb
Silicon	28-1	483.74	485.81	466.42	478.65	2.22	ppb
Silver	109-1	489.47	483.09	482.14	484.90	0.82	ppb
Silver	107-1	490.45	487.06	481.75	486.42	0.90	ppb
Sodium	23-2	252227.79	255076.58	254853.21	254052.53	0.62	ppb
Strontium	86-1	476.60	478.08	479.33	478.00	0.29	ppb
Strontium	88-1	495.55	498.47	495.94	496.65	0.32	ppb
Sulfur	34-1	9892.79	9948.24	8856.25	9565.76	6.43	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	508.91	478.35	478.51	488.59	3.60	ppb
Thallium	205-1	531.35	506.86	504.62	514.28	2.88	ppb
Thorium	232-1	535.15	507.67	507.64	516.82	3.07	ppb
Tin	118-1	480.38	474.75	474.82	476.65	0.68	ppb
Titanium	47-1	2484.31	2490.01	2352.29	2442.20	3.19	ppb
Uranium	238-1	532.53	506.89	508.45	515.95	2.79	ppb
Vanadium	51-2	490.23	495.37	498.67	494.76	0.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1002.24	1010.42	1015.29	1009.32	0.65	ppb
Zirconium	90-1	472.31	503.16	506.48	493.98	3.81	ppb
Zirconium	91-1	483.27	482.93	486.59	484.26	0.42	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.25	0.84	0.35	130.76	ppb
Antimony	121-1	0.44	0.54	0.48	0.49	10.62	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.15	0.09	0.03	0.09	66.22	ppb
Barium	137-1	0.13	0.08	0.07	0.09	36.03	ppb
Beryllium	9-1	0.07	0.04	0.03	0.05	45.40	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	19.12	18.62	17.84	18.53	3.47	ppb
Boron	11-1	21.05	18.85	16.92	18.94	10.91	ppb
Cadmium	111-1	-0.17	-0.32	-0.18	-0.22		ppb
Cadmium	106-1	-2.85	-4.58	-2.69	-3.37		ppb
Cadmium	108-1	0.00	0.06	-0.12	-0.02		ppb
Calcium	43-1	14.13	11.24	9.91	11.76	18.35	ppb
Calcium	44-1	11.46	7.02	5.80	8.09	36.75	ppb
Chromium	52-2	-0.03	-0.02	0.00	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.03	-0.03	-0.03	-0.01		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				112		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	2.32	2.08	2.06	2.15	6.78	ppb
Iron	57-2	0.99	1.12	0.79	0.97	17.71	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.03	0.05	31.87	ppb
Lead	207-1	0.05	0.05	0.04	0.05	11.62	ppb
Lead	208-1	0.06	0.04	0.04	0.05	18.08	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.11	3.18	2.90	2.73	20.37	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	479.73	ppb
Molybdenum	94-1	0.58	0.41	0.26	0.42	37.72	ppb
Molybdenum	95-1	0.61	0.55	0.44	0.54	16.26	ppb
Molybdenum	96-1	0.56	0.45	0.43	0.48	13.78	ppb
Molybdenum	97-1	0.50	0.54	0.47	0.50	6.55	ppb
Molybdenum	98-1	0.55	0.51	0.41	0.49	15.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.01	232.67	ppb
Phosphorus	31-2	-24.13	-32.88	-47.14	-34.72		ppb
Potassium	39-2	5.69	-0.60	0.04	1.71	202.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.52	-0.45	0.20	0.09	530.22	ppb
Selenium	82-1	-0.11	-0.24	0.15	-0.07		ppb
Silicon	28-1	-1.94	-2.26	-2.74	-2.31		ppb
Silver	109-1	0.03	0.03	0.02	0.03	16.75	ppb
Silver	107-1	0.05	0.02	0.01	0.02	75.67	ppb
Sodium	23-2	33.26	31.70	31.33	32.10	3.19	ppb
Strontium	86-1	0.02	-0.01	0.02	0.01	161.67	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	38.69	ppb
Sulfur	34-1	-951.19	-1007.84	-1062.23	-1007.09		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.10	0.09	7.21	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	18.15	ppb
Thorium	232-1	0.12	0.12	0.11	0.12	7.42	ppb
Tin	118-1	0.21	0.19	0.21	0.21	6.64	ppb
Titanium	47-1	0.18	0.10	0.05	0.11	59.89	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	44.77	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	38.02	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.38	0.39	0.33	0.37	7.75	ppb
Zirconium	90-1	0.06	0.06	0.04	0.06	18.77	ppb
Zirconium	91-1	0.12	0.07	0.07	0.09	35.48	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.39	34.34	41.65	37.46	10.07	ppb
Antimony	121-1	0.07	0.11	0.09	0.09	24.59	ppb
Arsenic	75-2	0.20	0.25	0.10	0.18	41.90	ppb
Barium	135-1	6.96	7.06	7.13	7.05	1.20	ppb
Barium	137-1	6.65	7.17	7.00	6.94	3.81	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				121		%
Bismuth	209-2				105		%
Boron	10-1	7.45	7.64	9.26	8.12	12.25	ppb
Boron	11-1	7.14	7.39	7.41	7.31	2.03	ppb
Cadmium	111-1	-0.35	-0.34	-0.33	-0.34		ppb
Cadmium	106-1	-4.75	-4.70	-4.46	-4.64		ppb
Cadmium	108-1	-0.01	-0.10	-0.04	-0.05		ppb
Calcium	43-1	11279.93	10964.57	10990.21	11078.24	1.58	ppb
Calcium	44-1	11181.99	11065.88	10989.44	11079.10	0.88	ppb
Chromium	52-2	-0.02	-0.03	-0.02	-0.03		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	64.37	ppb
Copper	63-2	22.95	22.79	23.06	22.93	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				114		%
Indium	115-1				120		%
Indium	115-2				106		%
Iron	56-2	6.75	6.48	6.50	6.57	2.35	ppb
Iron	57-2	40.58	39.99	39.07	39.88	1.90	ppb
Krypton	83-1						cps
Lead	206-1	35.68	35.36	35.48	35.51	0.45	ppb
Lead	207-1	33.27	33.46	33.44	33.39	0.31	ppb
Lead	208-1	33.87	33.68	33.72	33.76	0.30	ppb
Lithium	6-1				121		%
Magnesium	24-2	3169.96	3080.22	3132.49	3127.55	1.44	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23.45	22.72	22.85	23.01	1.70	ppb
Molybdenum	94-1	0.12	0.12	0.08	0.11	19.48	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	13.87	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.04	25.73	ppb
Molybdenum	97-1	0.01	0.04	0.04	0.03	69.51	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	25.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.18	0.30	0.25	23.79	ppb
Phosphorus	31-2	509.87	535.40	506.82	517.37	3.03	ppb
Potassium	39-2	642.06	622.97	630.37	631.80	1.52	ppb
Rhodium	103-1				117		%
Rhodium	103-2				105		%
Scandium	45-1				124		%
Scandium	45-2				107		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.70	-0.18	0.57	0.37	129.39	ppb
Selenium	82-1	0.80	0.69	0.42	0.64	30.25	ppb
Silicon	28-1	2507.29	2484.14	2465.42	2485.62	0.84	ppb
Silver	109-1	0.00	0.01	0.00	0.00	112.41	ppb
Silver	107-1	0.01	0.00	0.01	0.01	37.28	ppb
Sodium	23-2	23922.20	23384.97	23703.19	23670.12	1.14	ppb
Strontium	86-1	30.60	30.67	30.48	30.58	0.32	ppb
Strontium	88-1	30.53	30.65	30.08	30.42	0.99	ppb
Sulfur	34-1	2131.46	2002.94	1923.22	2019.21	5.20	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.00	0.01	72.03	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.17	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	1.11	1.11	1.11	1.11	0.08	ppb
Titanium	47-1	0.74	0.78	0.54	0.69	19.16	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.08	0.07	0.09	0.08	9.02	ppb
Yttrium	89-1				119		%
Yttrium	89-2				106		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	70.19	69.02	69.70	69.64	0.84	ppb
Zirconium	90-1	0.09	0.08	0.09	0.09	9.21	ppb
Zirconium	91-1	0.07	0.10	0.14	0.11	30.66	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.36	-0.24	-0.15		ppb
Antimony	121-1	-0.02	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.04	-0.01	-0.05	-0.03		ppb
Barium	135-1	0.00	0.01	0.01	0.00	174.54	ppb
Barium	137-1	0.02	0.01	0.00	0.01	68.34	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	-1.35	-0.83	-0.93	-1.04		ppb
Boron	11-1	-0.92	-1.01	-1.09	-1.01		ppb
Cadmium	111-1	-0.36	-0.25	-0.30	-0.30		ppb
Cadmium	106-1	-4.73	-3.21	-3.95	-3.97		ppb
Cadmium	108-1	-0.13	-0.07	-0.03	-0.08		ppb
Calcium	43-1	1.25	2.21	6.57	3.34	84.73	ppb
Calcium	44-1	4.92	4.91	3.70	4.51	15.49	ppb
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.03	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	56-2	0.09	0.38	0.23	0.23	61.85	ppb
Iron	57-2	0.67	-0.59	-0.04	0.01	4381.03	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	135.00	ppb
Lead	207-1	0.02	0.02	0.01	0.02	32.15	ppb
Lead	208-1	0.01	0.01	0.00	0.01	53.73	ppb
Lithium	6-1				120		%
Magnesium	24-2	0.74	0.19	0.27	0.40	75.61	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	940.76	ppb
Molybdenum	94-1	0.00	-0.02	-0.03	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.04	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	-0.01	0.01	259.30	ppb
Phosphorus	31-2	-35.40	-34.42	-40.36	-36.73		ppb
Potassium	39-2	-0.45	7.79	-1.54	1.93	263.79	ppb
Rhodium	103-1				116		%
Rhodium	103-2				107		%
Scandium	45-1				122		%
Scandium	45-2				113		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.03	0.85	0.11	0.33	135.55	ppb
Selenium	82-1	0.20	0.22	0.19	0.20	7.35	ppb
Silicon	28-1	-2.35	-2.82	-2.82	-2.66		ppb
Silver	109-1	0.00	0.00	0.01	0.00	256.17	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	-0.81	-1.13	-1.64	-1.19		ppb
Strontium	86-1	0.00	-0.01	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	18.83	ppb
Sulfur	34-1	-239.80	-425.29	-359.31	-341.47		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	-0.01		ppb
Thorium	232-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	0.01	-0.02	-0.03	-0.01		ppb
Titanium	47-1	-0.04	0.03	0.06	0.02	265.33	ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				116		%
Yttrium	89-2				108		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.26	0.23	0.21	31.61	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	588.55	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	49.53	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9797.89	9886.14	9836.50	9840.18	0.45	ppb
Antimony	121-1	495.29	497.62	486.94	493.29	1.14	ppb
Arsenic	75-2	513.27	513.30	513.38	513.32	0.01	ppb
Barium	135-1	2457.78	2461.98	2413.13	2444.30	1.11	ppb
Barium	137-1	2562.41	2568.95	2521.35	2550.90	1.01	ppb
Beryllium	9-1	502.78	508.78	503.04	504.87	0.67	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	488.24	492.42	493.17	491.28	0.54	ppb
Boron	11-1	478.89	492.86	499.32	490.36	2.13	ppb
Cadmium	111-1	491.58	491.55	481.27	488.13	1.22	ppb
Cadmium	106-1	496.91	490.71	491.52	493.05	0.68	ppb
Cadmium	108-1	500.71	492.08	489.33	494.04	1.20	ppb
Calcium	43-1	47168.82	47279.38	47472.92	47307.04	0.33	ppb
Calcium	44-1	48160.46	48431.83	48556.90	48383.06	0.42	ppb
Chromium	52-2	496.98	499.20	495.66	497.28	0.36	ppb
Cobalt	59-2	495.69	502.55	495.84	498.03	0.79	ppb
Copper	63-2	945.89	951.84	939.18	945.64	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	26572.98	26810.48	26519.97	26634.48	0.58	ppb
Iron	57-2	25925.52	26171.54	25763.30	25953.45	0.79	ppb
Krypton	83-1						cps
Lead	206-1	479.28	477.02	474.48	476.93	0.50	ppb
Lead	207-1	474.92	471.51	473.37	473.27	0.36	ppb
Lead	208-1	468.07	465.01	466.55	466.54	0.33	ppb
Lithium	6-1				112		%
Magnesium	24-2	53405.54	53387.39	52871.46	53221.46	0.57	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.96	994.79	988.90	990.22	0.41	ppb
Molybdenum	94-1	2490.91	2529.09	2493.50	2504.50	0.85	ppb
Molybdenum	95-1	2497.11	2531.37	2508.17	2512.22	0.70	ppb
Molybdenum	96-1	2492.18	2528.49	2499.29	2506.65	0.77	ppb
Molybdenum	97-1	2348.14	2373.52	2347.64	2356.43	0.63	ppb
Molybdenum	98-1	2474.81	2515.07	2504.69	2498.19	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.28	507.85	499.92	502.02	1.02	ppb
Phosphorus	31-2	10114.19	10087.22	9853.28	10018.23	1.43	ppb
Potassium	39-2	25272.14	25275.45	25157.44	25235.01	0.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	77-2	526.72	508.56	486.09	507.12	4.01	ppb
Selenium	78-2	509.05	519.03	512.85	513.65	0.98	ppb
Selenium	82-1	496.32	499.73	495.99	497.35	0.42	ppb
Silicon	28-1	470.89	476.68	479.48	475.68	0.92	ppb
Silver	109-1	488.64	484.46	476.21	483.10	1.31	ppb
Silver	107-1	494.91	486.56	479.21	486.89	1.61	ppb
Sodium	23-2	53181.95	53300.69	52914.21	53132.28	0.37	ppb
Strontium	86-1	490.32	489.64	480.17	486.71	1.17	ppb
Strontium	88-1	497.08	502.12	497.19	498.80	0.58	ppb
Sulfur	34-1	9812.69	9778.99	9578.28	9723.32	1.30	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	471.76	474.25	468.09	471.37	0.66	ppb
Thallium	205-1	490.99	498.64	493.94	494.52	0.78	ppb
Thorium	232-1	476.24	475.51	477.56	476.44	0.22	ppb
Tin	118-1	499.38	500.74	491.51	497.21	1.00	ppb
Titanium	47-1	2401.47	2421.61	2413.15	2412.08	0.42	ppb
Uranium	238-1	475.57	473.01	476.16	474.92	0.35	ppb
Vanadium	51-2	496.31	499.57	491.19	495.69	0.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	901.68	919.07	903.68	908.14	1.05	ppb
Zirconium	90-1	503.32	507.08	501.81	504.07	0.54	ppb
Zirconium	91-1	486.59	490.29	485.22	487.37	0.54	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.65	44.41	43.51	43.85	1.11	ppb
Antimony	121-1	0.53	0.54	0.59	0.55	6.47	ppb
Arsenic	75-2	0.21	0.22	0.23	0.22	4.10	ppb
Barium	135-1	7.96	7.23	7.30	7.50	5.36	ppb
Barium	137-1	7.41	7.44	7.47	7.44	0.38	ppb
Beryllium	9-1	0.13	0.14	0.10	0.12	16.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	26.33	25.12	23.72	25.06	5.23	ppb
Boron	11-1	26.57	24.88	23.76	25.07	5.65	ppb
Cadmium	111-1	-0.25	-0.27	-0.43	-0.32		ppb
Cadmium	106-1	-4.88	-5.05	-6.82	-5.59		ppb
Cadmium	108-1	-0.03	0.07	0.04	0.03	174.49	ppb
Calcium	43-1	12037.18	11608.33	12130.19	11925.23	2.33	ppb
Calcium	44-1	11984.41	11425.64	11942.43	11784.16	2.64	ppb
Chromium	52-2	0.15	0.17	0.14	0.15	11.97	ppb
Cobalt	59-2	0.06	0.09	0.08	0.08	20.16	ppb
Copper	63-2	5.76	5.82	5.45	5.68	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	32.06	33.08	32.30	32.48	1.65	ppb
Iron	57-2	65.77	68.87	64.45	66.36	3.41	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.18	0.20	9.36	ppb
Lead	207-1	0.18	0.17	0.17	0.18	2.70	ppb
Lead	208-1	0.19	0.19	0.18	0.19	4.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	3480.46	3428.62	3439.78	3449.62	0.79	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.08	24.68	24.62	24.46	1.35	ppb
Molybdenum	94-1	0.87	0.94	0.77	0.86	9.87	ppb
Molybdenum	95-1	1.00	0.90	0.81	0.91	10.64	ppb
Molybdenum	96-1	1.04	0.91	0.97	0.97	6.80	ppb
Molybdenum	97-1	1.00	0.90	0.80	0.90	10.84	ppb
Molybdenum	98-1	1.04	0.90	0.84	0.92	11.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.39	0.36	0.35	11.87	ppb
Phosphorus	31-2	525.22	499.18	432.24	485.55	9.88	ppb
Potassium	39-2	671.25	651.92	649.57	657.58	1.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	-0.19	0.43	-0.19	0.01	2941.94	ppb
Selenium	78-2	0.66	0.55	0.73	0.65	14.44	ppb
Selenium	82-1	0.60	0.42	0.75	0.59	28.33	ppb
Silicon	28-1	2767.09	2644.07	2776.34	2729.17	2.71	ppb
Silver	109-1	0.10	0.11	0.09	0.10	9.46	ppb
Silver	107-1	0.10	0.10	0.08	0.09	13.78	ppb
Sodium	23-2	25736.30	25411.81	25381.95	25510.02	0.77	ppb
Strontium	86-1	31.82	31.56	32.05	31.81	0.77	ppb
Strontium	88-1	31.21	31.19	31.10	31.16	0.18	ppb
Sulfur	34-1	2379.53	1822.44	2170.35	2124.11	13.25	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.13	0.11	0.14	19.97	ppb
Thallium	205-1	0.16	0.14	0.10	0.13	22.91	ppb
Thorium	232-1	0.20	0.21	0.18	0.20	8.06	ppb
Tin	118-1	0.33	0.29	0.28	0.30	8.20	ppb
Titanium	47-1	1.34	1.17	1.24	1.25	6.87	ppb
Uranium	238-1	0.10	0.08	0.09	0.09	8.90	ppb
Vanadium	51-2	0.15	0.20	0.16	0.17	15.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	50.43	51.16	49.65	50.41	1.49	ppb
Zirconium	90-1	0.22	0.20	0.21	0.21	3.26	ppb
Zirconium	91-1	0.28	0.22	0.25	0.25	11.51	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.92	45.49	41.78	42.06	7.84	ppb
Antimony	121-1	0.20	0.20	0.19	0.20	3.69	ppb
Arsenic	75-2	0.21	0.05	0.14	0.13	59.14	ppb
Barium	135-1	7.58	7.47	7.13	7.39	3.21	ppb
Barium	137-1	6.94	7.14	6.78	6.95	2.60	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	33.55	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	17.11	14.91	17.18	16.40	7.89	ppb
Boron	11-1	16.29	16.55	16.32	16.39	0.87	ppb
Cadmium	111-1	-0.37	-0.33	-0.54	-0.41		ppb
Cadmium	106-1	-5.17	-4.47	-7.20	-5.61		ppb
Cadmium	108-1	-0.06	-0.09	0.04	-0.03		ppb
Calcium	43-1	11350.67	12232.60	12042.77	11875.35	3.91	ppb
Calcium	44-1	11459.55	12090.20	11874.03	11807.93	2.71	ppb
Chromium	52-2	0.10	0.08	0.08	0.09	14.72	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	19.28	ppb
Copper	63-2	5.57	5.58	5.39	5.52	1.91	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				107		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	29.37	29.48	29.21	29.35	0.47	ppb
Iron	57-2	65.14	69.07	60.76	64.99	6.40	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.09	0.10	14.74	ppb
Lead	207-1	0.12	0.10	0.10	0.11	8.73	ppb
Lead	208-1	0.11	0.10	0.09	0.10	10.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	3395.51	3413.65	3446.29	3418.48	0.75	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.63	24.21	24.53	24.46	0.91	ppb
Molybdenum	94-1	0.39	0.29	0.31	0.33	16.70	ppb
Molybdenum	95-1	0.29	0.23	0.24	0.25	12.52	ppb
Molybdenum	96-1	0.30	0.23	0.22	0.25	17.49	ppb
Molybdenum	97-1	0.30	0.19	0.28	0.26	22.59	ppb
Molybdenum	98-1	0.31	0.22	0.18	0.24	27.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.22	0.29	0.24	14.96	ppb
Phosphorus	31-2	541.31	557.52	614.12	570.98	6.70	ppb
Potassium	39-2	647.57	659.94	652.60	653.37	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.35	-0.16	0.56	0.25	147.24	ppb
Selenium	82-1	0.22	0.21	0.11	0.18	36.13	ppb
Silicon	28-1	2645.32	2808.40	2753.33	2735.68	3.03	ppb
Silver	109-1	0.03	0.01	0.01	0.02	78.50	ppb
Silver	107-1	0.02	0.00	0.01	0.01	93.68	ppb
Sodium	23-2	25483.64	25282.22	25522.75	25429.54	0.51	ppb
Strontium	86-1	32.46	32.79	31.37	32.20	2.30	ppb
Strontium	88-1	31.17	31.81	30.98	31.32	1.38	ppb
Sulfur	34-1	1818.84	2255.26	1991.73	2021.94	10.87	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.02	0.02	0.03	57.22	ppb
Thallium	205-1	0.05	0.03	0.02	0.04	43.04	ppb
Thorium	232-1	0.07	0.04	0.06	0.06	21.97	ppb
Tin	118-1	0.08	0.08	0.07	0.08	12.23	ppb
Titanium	47-1	0.72	0.73	0.68	0.71	4.40	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	38.23	ppb
Vanadium	51-2	0.08	0.10	0.08	0.09	11.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	50.07	49.83	50.63	50.18	0.82	ppb
Zirconium	90-1	0.15	0.10	0.10	0.12	25.78	ppb
Zirconium	91-1	0.15	0.13	0.08	0.12	29.98	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.40	9.70	8.04	8.71	10.00	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.61	ppb
Arsenic	75-2	0.02	-0.03	0.03	0.01	520.57	ppb
Barium	135-1	1.32	1.37	1.37	1.36	2.26	ppb
Barium	137-1	1.56	1.51	1.49	1.52	2.39	ppb
Beryllium	9-1	0.01	0.03	-0.02	0.00	582.93	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	5.79	6.40	6.30	6.16	5.30	ppb
Boron	11-1	6.53	5.91	5.35	5.93	9.95	ppb
Cadmium	111-1	-0.29	-0.51	-0.36	-0.39		ppb
Cadmium	106-1	-4.00	-6.86	-4.94	-5.27		ppb
Cadmium	108-1	-0.09	-0.16	-0.03	-0.09		ppb
Calcium	43-1	2403.28	2353.64	2442.41	2399.77	1.85	ppb
Calcium	44-1	2397.00	2316.46	2395.98	2369.81	1.95	ppb
Chromium	52-2	-0.04	0.01	0.05	0.00	1356.01	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.22	1.05	1.06	1.11	8.58	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				109		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	5.97	5.58	5.65	5.73	3.65	ppb
Iron	57-2	11.25	13.71	11.35	12.10	11.49	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	133.08	ppb
Lead	207-1	0.02	0.02	0.01	0.02	54.90	ppb
Lead	208-1	0.01	0.01	0.01	0.01	3.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	702.01	699.32	682.25	694.53	1.54	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.90	5.12	4.89	4.97	2.57	ppb
Molybdenum	94-1	0.04	0.04	0.05	0.04	18.67	ppb
Molybdenum	95-1	0.04	0.06	0.03	0.04	35.49	ppb
Molybdenum	96-1	0.07	0.03	0.08	0.06	44.64	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	23.97	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	50.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.00	0.06	0.04	81.85	ppb
Phosphorus	31-2	86.24	107.76	76.48	90.16	17.75	ppb
Potassium	39-2	124.62	131.16	128.26	128.01	2.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.38	-0.48	-0.08	-0.31		ppb
Selenium	82-1	-0.51	0.42	-0.13	-0.07		ppb
Silicon	28-1	547.97	526.25	552.68	542.30	2.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	0.01	0.00	403.11	ppb
Sodium	23-2	4947.61	4982.62	4927.53	4952.58	0.56	ppb
Strontium	86-1	6.15	6.43	6.38	6.32	2.34	ppb
Strontium	88-1	6.43	6.20	6.37	6.33	1.84	ppb
Sulfur	34-1	-515.33	-775.96	-501.92	-597.74		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.02	0.02	0.01	117.63	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	108.22	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	26.07	ppb
Tin	118-1	0.03	0.03	0.02	0.03	29.80	ppb
Titanium	47-1	0.28	0.13	0.20	0.20	37.55	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	46.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.61	10.74	10.43	10.59	1.46	ppb
Zirconium	90-1	0.02	0.01	0.04	0.02	67.52	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	28.14	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1964.99	1926.43	1934.07	1941.83	1.05	ppb
Antimony	121-1	784.38	780.91	773.06	779.45	0.74	ppb
Arsenic	75-2	825.02	822.75	814.23	820.66	0.69	ppb
Barium	135-1	204.79	205.11	205.02	204.98	0.08	ppb
Barium	137-1	203.63	203.87	200.20	202.57	1.01	ppb
Beryllium	9-1	196.49	195.11	194.34	195.32	0.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	295.53	295.78	299.72	297.01	0.79	ppb
Boron	11-1	290.05	297.28	299.91	295.75	1.73	ppb
Cadmium	111-1	195.65	192.85	192.54	193.68	0.89	ppb
Cadmium	106-1	156.63	157.44	150.68	154.92	2.38	ppb
Cadmium	108-1	176.30	176.04	171.10	174.48	1.68	ppb
Calcium	43-1	13089.04	13020.79	12941.59	13017.14	0.57	ppb
Calcium	44-1	12907.94	12924.08	12792.35	12874.79	0.56	ppb
Chromium	52-2	405.48	404.83	399.02	403.11	0.88	ppb
Cobalt	59-2	205.52	204.36	204.53	204.80	0.30	ppb
Copper	63-2	306.13	306.53	303.60	305.42	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	3195.17	3180.40	3164.80	3180.12	0.48	ppb
Iron	57-2	3253.45	3278.72	3240.14	3257.44	0.60	ppb
Krypton	83-1						cps
Lead	206-1	939.21	935.50	933.68	936.13	0.30	ppb
Lead	207-1	935.97	920.54	921.06	925.86	0.95	ppb
Lead	208-1	962.77	953.00	956.53	957.43	0.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	5529.64	5494.20	5478.80	5500.88	0.47	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	223.23	224.03	221.86	223.04	0.49	ppb
Molybdenum	94-1	252.13	246.71	246.85	248.56	1.24	ppb
Molybdenum	95-1	357.56	355.22	353.86	355.55	0.53	ppb
Molybdenum	96-1	343.04	341.79	339.97	341.60	0.45	ppb
Molybdenum	97-1	355.07	352.52	350.32	352.63	0.67	ppb
Molybdenum	98-1	355.61	350.77	351.85	352.74	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.96	519.98	519.08	520.01	0.18	ppb
Phosphorus	31-2	6759.28	6462.77	6666.17	6629.41	2.29	ppb
Potassium	39-2	10832.79	10841.39	10741.85	10805.34	0.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	2128.72	1994.43	2056.01	2059.72	3.26	ppb
Selenium	78-2	2067.44	2035.39	2018.34	2040.39	1.22	ppb
Selenium	82-1	2006.20	1987.22	1965.20	1986.20	1.03	ppb
Silicon	28-1	3624.99	3643.74	3637.63	3635.46	0.26	ppb
Silver	109-1	73.46	73.34	72.16	72.99	0.98	ppb
Silver	107-1	74.07	73.95	72.73	73.58	1.01	ppb
Sodium	23-2	29104.81	28906.94	28526.64	28846.13	1.02	ppb
Strontium	86-1	228.61	226.55	224.08	226.41	1.00	ppb
Strontium	88-1	222.98	221.65	219.78	221.47	0.72	ppb
Sulfur	34-1	1931.70	1869.68	1797.75	1866.38	3.59	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1968.58	1978.44	1961.83	1969.62	0.42	ppb
Thallium	205-1	1944.63	1963.42	1953.42	1953.82	0.48	ppb
Thorium	232-1	0.06	0.05	0.05	0.05	7.13	ppb
Tin	118-1	694.89	689.02	679.44	687.78	1.13	ppb
Titanium	47-1	204.47	202.85	201.89	203.07	0.64	ppb
Uranium	238-1	-0.01	0.01	0.01	0.00	317.73	ppb
Vanadium	51-2	299.90	300.07	297.55	299.18	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	241.61	239.63	236.34	239.20	1.11	ppb
Zirconium	90-1	0.40	0.34	0.36	0.37	7.97	ppb
Zirconium	91-1	0.55	0.55	0.59	0.56	4.36	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1898.04	1937.99	1924.75	1920.26	1.06	ppb
Antimony	121-1	777.05	777.09	765.83	773.32	0.84	ppb
Arsenic	75-2	815.90	822.14	827.81	821.95	0.72	ppb
Barium	135-1	205.03	202.11	202.58	203.24	0.77	ppb
Barium	137-1	203.45	202.51	199.59	201.85	1.00	ppb
Beryllium	9-1	193.59	193.31	194.11	193.67	0.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	301.57	302.96	306.64	303.73	0.86	ppb
Boron	11-1	302.56	303.39	303.01	302.98	0.14	ppb
Cadmium	111-1	189.86	192.04	190.95	190.95	0.57	ppb
Cadmium	106-1	151.79	153.42	148.90	151.37	1.51	ppb
Cadmium	108-1	169.72	174.92	170.68	171.77	1.61	ppb
Calcium	43-1	13329.38	13138.39	13009.36	13159.04	1.22	ppb
Calcium	44-1	12982.15	12914.26	12875.42	12923.94	0.42	ppb
Chromium	52-2	398.19	401.59	403.86	401.21	0.71	ppb
Cobalt	59-2	203.16	204.02	204.62	203.94	0.36	ppb
Copper	63-2	303.09	304.23	304.63	303.99	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	3147.80	3182.94	3171.94	3167.56	0.57	ppb
Iron	57-2	3189.62	3236.96	3217.83	3214.80	0.74	ppb
Krypton	83-1						cps
Lead	206-1	936.85	935.63	927.02	933.17	0.57	ppb
Lead	207-1	925.77	926.73	918.67	923.72	0.48	ppb
Lead	208-1	955.13	960.13	952.05	955.77	0.43	ppb
Lithium	6-1				107		%
Magnesium	24-2	5476.32	5452.26	5523.84	5484.14	0.66	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.13	221.59	221.48	220.73	0.63	ppb
Molybdenum	94-1	248.78	247.55	245.81	247.38	0.60	ppb
Molybdenum	95-1	353.69	350.42	350.53	351.55	0.53	ppb
Molybdenum	96-1	341.04	336.22	337.86	338.37	0.72	ppb
Molybdenum	97-1	351.20	350.39	349.38	350.33	0.26	ppb
Molybdenum	98-1	353.85	349.61	349.28	350.91	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.89	517.85	518.87	517.87	0.19	ppb
Phosphorus	31-2	6579.33	6492.21	6718.68	6596.74	1.73	ppb
Potassium	39-2	10660.55	10806.97	10847.72	10771.75	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	2030.81	2057.10	2076.50	2054.80	1.12	ppb
Selenium	78-2	2076.09	2056.43	2051.67	2061.40	0.63	ppb
Selenium	82-1	1979.92	1964.95	1971.13	1972.00	0.38	ppb
Silicon	28-1	3635.39	3643.06	3671.75	3650.07	0.53	ppb
Silver	109-1	72.15	72.62	71.93	72.23	0.48	ppb
Silver	107-1	72.54	72.54	71.87	72.32	0.54	ppb
Sodium	23-2	28640.34	28672.03	29119.37	28810.58	0.93	ppb
Strontium	86-1	228.61	225.56	224.02	226.07	1.03	ppb
Strontium	88-1	223.21	219.62	220.36	221.06	0.86	ppb
Sulfur	34-1	1646.25	1666.65	1641.65	1651.52	0.81	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	1965.14	1973.32	1955.49	1964.65	0.45	ppb
Thallium	205-1	1961.95	1963.13	1947.07	1957.38	0.46	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.75	ppb
Tin	118-1	686.92	681.30	674.50	680.91	0.91	ppb
Titanium	47-1	204.20	202.37	200.56	202.38	0.90	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	294.69	298.40	299.44	297.51	0.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	236.77	235.20	235.07	235.68	0.40	ppb
Zirconium	90-1	0.24	0.23	0.20	0.22	9.24	ppb
Zirconium	91-1	0.55	0.51	0.40	0.49	15.54	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1910.18	1931.78	1896.61	1912.86	0.93	ppb
Antimony	121-1	776.48	776.89	770.29	774.55	0.48	ppb
Arsenic	75-2	823.52	828.14	812.83	821.50	0.96	ppb
Barium	135-1	203.02	203.85	201.40	202.76	0.61	ppb
Barium	137-1	202.84	201.14	201.82	201.93	0.42	ppb
Beryllium	9-1	195.46	194.44	195.98	195.29	0.40	ppb
Bismuth	209-1				112		%
Bismuth	209-2				98		%
Boron	10-1	312.86	309.52	313.88	312.08	0.73	ppb
Boron	11-1	306.77	310.60	317.54	311.64	1.75	ppb
Cadmium	111-1	193.78	191.67	193.04	192.83	0.56	ppb
Cadmium	106-1	155.80	154.50	153.88	154.73	0.63	ppb
Cadmium	108-1	176.56	168.25	168.90	171.23	2.70	ppb
Calcium	43-1	12989.27	12853.94	12364.48	12735.89	2.58	ppb
Calcium	44-1	12844.68	12890.55	12374.80	12703.34	2.25	ppb
Chromium	52-2	403.12	401.51	398.99	401.21	0.52	ppb
Cobalt	59-2	204.38	203.68	204.32	204.13	0.19	ppb
Copper	63-2	306.80	306.74	304.61	306.05	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	3197.10	3188.83	3162.76	3182.90	0.56	ppb
Iron	57-2	3269.18	3258.98	3199.31	3242.49	1.16	ppb
Krypton	83-1						cps
Lead	206-1	937.51	926.62	931.80	931.98	0.58	ppb
Lead	207-1	920.85	921.86	922.43	921.71	0.09	ppb
Lead	208-1	958.23	952.94	957.04	956.07	0.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	5468.92	5451.10	5427.63	5449.22	0.38	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	221.38	221.64	220.70	221.24	0.22	ppb
Molybdenum	94-1	245.98	246.52	248.06	246.86	0.44	ppb
Molybdenum	95-1	351.68	352.14	354.15	352.65	0.37	ppb
Molybdenum	96-1	339.48	338.74	339.73	339.31	0.15	ppb
Molybdenum	97-1	352.09	351.38	350.74	351.40	0.19	ppb
Molybdenum	98-1	352.19	351.27	349.08	350.85	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.83	519.76	515.80	517.80	0.38	ppb
Phosphorus	31-2	6588.77	6595.06	6449.81	6544.55	1.25	ppb
Potassium	39-2	10783.36	10824.61	10772.69	10793.55	0.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	2022.38	2132.12	2073.60	2076.03	2.64	ppb
Selenium	78-2	2061.44	2055.63	2022.82	2046.63	1.02	ppb
Selenium	82-1	1982.66	1962.16	1959.93	1968.25	0.64	ppb
Silicon	28-1	3639.05	3656.82	3519.82	3605.23	2.07	ppb
Silver	109-1	73.23	72.15	72.76	72.71	0.74	ppb
Silver	107-1	73.19	73.53	72.46	73.06	0.75	ppb
Sodium	23-2	28945.37	28730.15	28720.24	28798.59	0.44	ppb
Strontium	86-1	227.23	227.54	225.07	226.61	0.59	ppb
Strontium	88-1	221.12	220.38	220.57	220.69	0.17	ppb
Sulfur	34-1	1642.94	1626.21	1272.08	1513.74	13.84	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	1993.99	1971.00	1983.10	1982.70	0.58	ppb
Thallium	205-1	1974.22	1945.18	1964.70	1961.37	0.75	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	40.78	ppb
Tin	118-1	686.80	685.58	680.22	684.20	0.51	ppb
Titanium	47-1	200.96	203.20	194.84	199.66	2.17	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	298.46	300.59	297.43	298.83	0.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	239.99	235.57	239.63	238.40	1.03	ppb
Zirconium	90-1	0.19	0.18	0.20	0.19	4.45	ppb
Zirconium	91-1	0.44	0.40	0.39	0.41	5.34	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.54	39.40	40.89	39.61	3.00	ppb
Antimony	121-1	0.67	0.63	0.61	0.64	4.65	ppb
Arsenic	75-2	0.48	0.26	0.32	0.35	31.33	ppb
Barium	135-1	7.08	7.05	7.17	7.10	0.93	ppb
Barium	137-1	7.07	6.94	6.99	7.00	0.90	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	7.76	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	10-1	28.85	28.76	26.38	28.00	5.01	ppb
Boron	11-1	29.08	26.74	26.67	27.50	4.99	ppb
Cadmium	111-1	-0.29	-0.47	-0.33	-0.36		ppb
Cadmium	106-1	-4.40	-6.76	-5.10	-5.42		ppb
Cadmium	108-1	-0.12	0.19	0.03	0.03	486.23	ppb
Calcium	43-1	11593.40	11499.48	11613.24	11568.71	0.53	ppb
Calcium	44-1	11458.56	11456.41	11471.89	11462.28	0.07	ppb
Chromium	52-2	0.18	0.15	0.16	0.16	7.58	ppb
Cobalt	59-2	0.06	0.06	0.04	0.05	22.07	ppb
Copper	63-2	3.93	3.90	4.05	3.96	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	28.24	28.56	28.31	28.37	0.60	ppb
Iron	57-2	64.28	63.26	62.24	63.26	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.33	0.31	0.33	4.65	ppb
Lead	207-1	0.36	0.32	0.32	0.33	5.59	ppb
Lead	208-1	0.34	0.31	0.29	0.31	8.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	3424.98	3435.01	3404.88	3421.62	0.45	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.33	24.21	24.29	24.28	0.26	ppb
Molybdenum	94-1	0.27	0.31	0.29	0.29	6.68	ppb
Molybdenum	95-1	0.29	0.29	0.25	0.28	7.42	ppb
Molybdenum	96-1	0.30	0.26	0.25	0.27	9.87	ppb
Molybdenum	97-1	0.29	0.20	0.22	0.24	19.87	ppb
Molybdenum	98-1	0.29	0.27	0.27	0.28	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.37	0.30	0.34	10.77	ppb
Phosphorus	31-2	490.04	522.06	507.28	506.46	3.16	ppb
Potassium	39-2	669.83	667.95	657.84	665.21	0.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	77-2	0.40	-0.19	0.41	0.21	168.30	ppb
Selenium	78-2	0.76	0.78	-0.11	0.47	106.89	ppb
Selenium	82-1	1.29	1.21	0.98	1.16	14.20	ppb
Silicon	28-1	2647.03	2658.13	2682.74	2662.63	0.69	ppb
Silver	109-1	0.02	0.04	0.02	0.03	28.01	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.66	ppb
Sodium	23-2	25709.93	25743.69	25553.91	25669.18	0.39	ppb
Strontium	86-1	31.33	31.66	31.85	31.62	0.83	ppb
Strontium	88-1	31.35	31.25	30.87	31.16	0.82	ppb
Sulfur	34-1	1560.77	1568.81	1591.07	1573.55	1.00	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.80	0.65	0.78	14.48	ppb
Thallium	205-1	0.87	0.80	0.70	0.79	10.89	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.61	0.61	0.59	0.60	2.01	ppb
Titanium	47-1	0.74	0.72	0.77	0.75	3.55	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.13	0.11	0.15	0.13	14.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	45.68	45.17	47.08	45.98	2.15	ppb
Zirconium	90-1	0.07	0.08	0.08	0.07	7.37	ppb
Zirconium	91-1	0.08	0.09	0.07	0.08	11.58	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49586.82	49620.35	50097.83	49768.34	0.57	ppb
Antimony	121-1	457.97	463.83	463.62	461.81	0.72	ppb
Arsenic	75-2	515.79	514.91	518.24	516.31	0.33	ppb
Barium	135-1	2340.70	2345.15	2359.20	2348.35	0.41	ppb
Barium	137-1	2464.06	2487.11	2500.77	2483.98	0.75	ppb
Beryllium	9-1	486.88	491.87	486.30	488.35	0.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				90		%
Boron	10-1	491.90	502.49	505.45	499.95	1.43	ppb
Boron	11-1	486.77	498.77	504.00	496.51	1.78	ppb
Cadmium	111-1	491.54	491.80	492.66	492.00	0.12	ppb
Cadmium	106-1	485.87	489.95	496.19	490.67	1.06	ppb
Cadmium	108-1	497.57	490.22	497.28	495.02	0.84	ppb
Calcium	43-1	237260.82	224542.81	236158.36	232654.00	3.03	ppb
Calcium	44-1	245763.17	235323.41	236237.59	239108.06	2.42	ppb
Chromium	52-2	490.29	495.94	493.83	493.36	0.58	ppb
Cobalt	59-2	475.76	482.80	480.76	479.77	0.76	ppb
Copper	63-2	981.13	994.06	991.57	988.92	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	130144.99	131800.05	130649.79	130864.94	0.65	ppb
Iron	57-2	124785.25	126003.04	125371.64	125386.64	0.49	ppb
Krypton	83-1						cps
Lead	206-1	484.08	481.42	477.07	480.86	0.74	ppb
Lead	207-1	476.98	473.24	469.92	473.38	0.75	ppb
Lead	208-1	470.88	469.17	464.83	468.30	0.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	255065.60	256807.37	256744.46	256205.81	0.39	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	962.02	977.01	969.94	969.66	0.77	ppb
Molybdenum	94-1	2483.82	2498.25	2511.00	2497.69	0.54	ppb
Molybdenum	95-1	2488.07	2501.15	2511.89	2500.37	0.48	ppb
Molybdenum	96-1	2494.43	2498.83	2495.24	2496.17	0.09	ppb
Molybdenum	97-1	2345.03	2332.32	2326.45	2334.60	0.41	ppb
Molybdenum	98-1	2475.40	2492.37	2472.23	2480.00	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.65	477.09	479.14	475.63	0.93	ppb
Phosphorus	31-2	9431.13	9813.74	10126.36	9790.41	3.56	ppb
Potassium	39-2	128450.88	129271.20	129466.42	129062.84	0.42	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	512.90	513.34	492.95	506.39	2.30	ppb
Selenium	78-2	473.80	491.27	494.67	486.58	2.30	ppb
Selenium	82-1	465.77	465.46	467.95	466.40	0.29	ppb
Silicon	28-1	471.07	454.13	461.99	462.40	1.83	ppb
Silver	109-1	471.04	472.76	473.83	472.54	0.30	ppb
Silver	107-1	476.52	473.64	477.63	475.93	0.43	ppb
Sodium	23-2	253299.01	255657.43	255413.42	254789.95	0.51	ppb
Strontium	86-1	473.50	475.95	476.96	475.47	0.37	ppb
Strontium	88-1	495.68	496.71	497.90	496.76	0.22	ppb
Sulfur	34-1	9544.48	8840.35	8822.26	9069.03	4.54	ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	478.73	478.62	475.23	477.52	0.42	ppb
Thallium	205-1	505.12	509.24	502.58	505.64	0.67	ppb
Thorium	232-1	503.97	502.40	500.96	502.44	0.30	ppb
Tin	118-1	465.35	467.13	471.82	468.10	0.71	ppb
Titanium	47-1	2474.31	2350.65	2367.68	2397.55	2.80	ppb
Uranium	238-1	501.63	502.22	498.08	500.64	0.45	ppb
Vanadium	51-2	488.72	495.46	493.56	492.58	0.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1008.03	1021.38	1015.90	1015.10	0.66	ppb
Zirconium	90-1	470.23	502.45	505.31	492.66	3.95	ppb
Zirconium	91-1	479.84	481.85	480.90	480.86	0.21	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.18	7.84	8.52	7.51	15.99	ppb
Antimony	121-1	0.57	0.60	0.62	0.60	3.72	ppb
Arsenic	75-2	0.11	0.13	0.12	0.12	8.26	ppb
Barium	135-1	0.54	0.58	0.50	0.54	7.59	ppb
Barium	137-1	0.52	0.45	0.46	0.48	8.56	ppb
Beryllium	9-1	0.16	0.12	0.11	0.13	17.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	19.87	23.50	20.20	21.19	9.47	ppb
Boron	11-1	21.47	20.97	20.76	21.07	1.74	ppb
Cadmium	111-1	-0.21	-0.29	-0.23	-0.24		ppb
Cadmium	106-1	-4.39	-5.49	-4.54	-4.81		ppb
Cadmium	108-1	0.25	-0.03	-0.12	0.03	598.44	ppb
Calcium	43-1	54.20	51.09	46.37	50.56	7.80	ppb
Calcium	44-1	51.40	46.54	42.15	46.70	9.91	ppb
Chromium	52-2	0.08	0.06	0.09	0.07	21.98	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	9.46	ppb
Copper	63-2	0.20	0.15	0.12	0.16	25.47	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				113		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	20.54	18.83	17.43	18.93	8.23	ppb
Iron	57-2	20.82	19.61	15.67	18.70	14.40	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.13	0.15	14.98	ppb
Lead	207-1	0.21	0.20	0.17	0.19	11.36	ppb
Lead	208-1	0.15	0.16	0.13	0.15	11.16	ppb
Lithium	6-1				105		%
Magnesium	24-2	40.19	33.34	30.73	34.76	14.06	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.16	0.13	0.16	15.70	ppb
Molybdenum	94-1	0.82	0.79	0.67	0.76	10.51	ppb
Molybdenum	95-1	0.93	0.86	0.73	0.84	12.00	ppb
Molybdenum	96-1	0.89	0.80	0.74	0.81	9.37	ppb
Molybdenum	97-1	0.86	0.87	0.67	0.80	14.03	ppb
Molybdenum	98-1	0.89	0.77	0.73	0.80	10.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.13	0.10	0.13	23.52	ppb
Phosphorus	31-2	-32.60	-32.64	-29.95	-31.73		ppb
Potassium	39-2	13.61	15.12	13.35	14.03	6.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	-0.19	-0.19	0.39	0.00	89737.96	ppb
Selenium	78-2	0.92	0.62	-0.45	0.36	199.03	ppb
Selenium	82-1	0.48	0.68	1.01	0.72	36.75	ppb
Silicon	28-1	-0.19	-0.53	-0.87	-0.53		ppb
Silver	109-1	0.13	0.12	0.14	0.13	4.17	ppb
Silver	107-1	0.13	0.12	0.11	0.12	5.52	ppb
Sodium	23-2	65.65	61.82	63.00	63.49	3.09	ppb
Strontium	86-1	0.13	0.12	0.09	0.11	19.25	ppb
Strontium	88-1	0.11	0.10	0.10	0.10	7.13	ppb
Sulfur	34-1	-1101.19	-1214.97	-1127.73	-1147.96		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.30	0.32	0.27	0.29	8.53	ppb
Thallium	205-1	0.32	0.30	0.27	0.30	9.11	ppb
Thorium	232-1	0.16	0.16	0.14	0.15	9.29	ppb
Tin	118-1	0.34	0.33	0.38	0.35	7.05	ppb
Titanium	47-1	0.60	0.61	0.51	0.58	9.54	ppb
Uranium	238-1	0.11	0.10	0.06	0.09	25.46	ppb
Vanadium	51-2	0.12	0.07	0.06	0.09	37.09	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.36	0.38	0.27	0.34	16.54	ppb
Zirconium	90-1	0.14	0.14	0.11	0.13	14.99	ppb
Zirconium	91-1	0.09	0.12	0.15	0.12	22.30	ppb

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	200	217	225	214	5.95	cps
Arsenic	75-2	7	7	20	12	63.79	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	0	17	17	11	86.60	cps
Beryllium	9-1	60	57	70	62	11.15	cps
Bismuth	209-1	6140525	6038811	6094027	6091121	0.84	cps
Bismuth	209-2	4149288	4130576	4140773	4140212	0.23	cps
Boron	10-1	583	442	500	508	14.01	cps
Boron	11-1	2384	2475	2559	2473	3.54	cps
Cadmium	111-1	3939	4254	4199	4131	4.08	cps
Cadmium	106-1	5610	6077	5977	5888	4.18	cps
Cadmium	108-1	13	29	25	22	39.04	cps
Calcium	43-1	58	33	67	53	32.88	cps
Calcium	44-1	6862	6511	6053	6475	6.27	cps
Chromium	52-2	263	313	277	284	9.10	cps
Cobalt	59-2	23	60	47	43	42.83	cps
Copper	63-2	547	507	490	514	5.66	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	17	3	20	13	66.16	cps
Erbium	164-1	83	50	67	67	25.00	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	42	67	25	44	47.19	cps
Gadolinium	160-2	180	200	197	192	5.58	cps
Holmium	165-1	9590208	9496555	9583694	9556819	0.55	cps
Holmium	165-2	5484425	5444548	5449015	5459329	0.40	cps
Indium	115-1	7697309	7679919	7735061	7704097	0.37	cps
Indium	115-2	1647811	1643255	1635344	1642137	0.38	cps
Iron	56-2	2250	2189	2328	2256	3.09	cps
Iron	57-2	156	89	122	122	27.27	cps
Krypton	83-1	180	130	160	157	16.06	cps
Lead	206-1	761	639	583	661	13.76	cps
Lead	207-1	672	672	617	654	4.91	cps
Lead	208-1	2506	2428	2256	2396	5.34	cps
Lithium	6-1	2596861	2571483	2603644	2590662	0.65	cps
Magnesium	24-2	42	108	58	69	49.96	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	37	37	0.00	cps
Molybdenum	94-1	342	275	267	294	13.96	cps
Molybdenum	95-1	92	100	83	92	9.09	cps
Molybdenum	96-1	150	167	175	164	7.77	cps
Molybdenum	97-1	75	67	92	78	16.37	cps
Molybdenum	98-1	217	217	142	192	22.59	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	40	20	40	33	34.64	cps
Phosphorus	31-2	67	75	100	81	21.53	cps
Potassium	39-2	10421	10337	10154	10304	1.32	cps
Rhodium	103-1	6833246	6826663	6847104	6835671	0.15	cps
Rhodium	103-2	3337962	3343970	3310119	3330684	0.54	cps
Scandium	45-1	4458206	4444295	4442348	4448283	0.19	cps
Scandium	45-2	184250	184810	183910	184323	0.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	52	26	36	37.47	cps
Selenium	82-1	56	124	102	94	37.16	cps
Silicon	28-1	98910	98826	96602	98113	1.33	cps
Silver	109-1	8	58	83	50	76.38	cps
Silver	107-1	167	175	142	161	10.77	cps
Sodium	23-2	3692	3934	4084	3903	5.06	cps
Strontium	86-1	225	350	233	269	25.94	cps
Strontium	88-1	67	75	67	69	6.93	cps
Sulfur	34-1	199495	195010	192665	195723	1.77	cps
Terbium	159-1	9862638	9818226	9858317	9846394	0.25	cps
Terbium	159-2	5385460	5350212	5331693	5355788	0.51	cps
Thallium	203-1	517	417	525	486	12.40	cps
Thallium	205-1	733	583	558	625	15.14	cps
Thorium	232-1	2072	2078	1945	2032	3.71	cps
Tin	118-1	725	625	575	642	11.90	cps
Titanium	47-1	58	108	42	69	49.96	cps
Uranium	238-1	2467	2159	2259	2295	6.86	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	18761007	18570766	18718893	18683556	0.53	cps
Yttrium	89-2	2742647	2722667	2724824	2730046	0.40	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:39:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	177	190	190	186	4.15	cps
Zirconium	90-1	567	667	658	631	8.80	cps
Zirconium	91-1	117	108	92	106	12.06	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	1117	1142	1139	1.84	cps
Antimony	121-1	11647	11430	12072	11717	2.79	cps
Arsenic	75-2	198	230	189	206	10.39	cps
Barium	135-1	14433	15701	15876	15337	5.13	cps
Barium	137-1	25933	26459	27845	26746	3.69	cps
Beryllium	9-1	1523	1473	1727	1575	8.52	cps
Bismuth	209-1	6169831	6187349	6299688	6218956	1.13	cps
Bismuth	209-2	4228576	4229284	4158147	4205336	0.97	cps
Boron	10-1	5301	6001	5726	5676	6.22	cps
Boron	11-1	24788	25414	26424	25542	3.23	cps
Cadmium	111-1	5694	6090	6107	5964	3.92	cps
Cadmium	106-1	5743	6402	6435	6193	6.30	cps
Cadmium	108-1	121	125	175	140	21.49	cps
Calcium	43-1	9195	9003	9687	9295	3.79	cps
Calcium	44-1	153557	156933	157649	156046	1.40	cps
Chromium	52-2	3500	3567	3344	3470	3.30	cps
Cobalt	59-2	2957	2884	2747	2863	3.72	cps
Copper	63-2	4464	4441	4501	4469	0.68	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-1	67	50	100	72	35.25	cps
Erbium	164-2	40	70	43	51	32.17	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	237	140	237	204	27.30	cps
Holmium	165-1	9467661	9575925	9825663	9623083	1.91	cps
Holmium	165-2	5585668	5607977	5547862	5580502	0.54	cps
Indium	115-1	7663508	7737355	7888486	7763116	1.48	cps
Indium	115-2	1696690	1688396	1669497	1684861	0.83	cps
Iron	56-2	81587	81308	80186	81027	0.92	cps
Iron	57-2	2234	2034	2222	2163	5.20	cps
Krypton	83-1	193	193	163	183	9.45	cps
Lead	206-1	5640	5679	5596	5638	0.74	cps
Lead	207-1	4857	5151	5057	5021	3.00	cps
Lead	208-1	21891	21946	22052	21963	0.37	cps
Lithium	6-1	2655500	2678783	2708722	2681002	1.00	cps
Magnesium	24-2	62657	63259	62758	62891	0.51	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1187	1077	1183	1149	5.45	cps
Molybdenum	94-1	11955	12081	11755	11930	1.38	cps
Molybdenum	95-1	14908	15059	15417	15128	1.73	cps
Molybdenum	96-1	16485	16710	17378	16858	2.75	cps
Molybdenum	97-1	8970	9445	10221	9545	6.61	cps
Molybdenum	98-1	24296	23971	25048	24438	2.26	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	7	23	12	78.69	cps
Nickel	60-2	817	850	690	786	10.75	cps
Phosphorus	31-2	250	217	233	233	7.14	cps
Potassium	39-2	70870	72033	69505	70803	1.79	cps
Rhodium	103-1	6793664	6841873	6993408	6876315	1.52	cps
Rhodium	103-2	3428132	3439565	3370985	3412894	1.08	cps
Scandium	45-1	4562099	4556113	4644796	4587669	1.08	cps
Scandium	45-2	189972	189464	187989	189142	0.54	cps
Selenium	77-2	37	37	57	43	26.64	cps
Selenium	78-2	169	167	144	160	8.38	cps
Selenium	82-1	780	729	902	804	11.08	cps
Silicon	28-1	133945	132204	132995	133048	0.65	cps
Silver	109-1	8003	8019	8228	8083	1.55	cps
Silver	107-1	8945	8578	8670	8731	2.19	cps
Sodium	23-2	116491	116852	117206	116850	0.31	cps
Strontium	86-1	2200	2234	2392	2275	4.50	cps
Strontium	88-1	17528	17553	17461	17514	0.27	cps
Sulfur	34-1	196545	195424	197220	196396	0.46	cps
Terbium	159-1	9796986	9875647	10095156	9922596	1.56	cps
Terbium	159-2	5478426	5480849	5402924	5454066	0.81	cps
Thallium	203-1	6769	6752	6602	6708	1.37	cps
Thallium	205-1	14792	15643	15518	15318	3.00	cps
Thorium	232-1	19404	19738	19816	19652	1.11	cps
Tin	118-1	26643	27361	26751	26918	1.44	cps
Titanium	47-1	4309	4584	4259	4384	3.99	cps
Uranium	238-1	20943	20701	19883	20509	2.71	cps
Vanadium	51-2	6852	6988	6965	6935	1.05	cps
Yttrium	89-1	18543436	18721917	19106751	18790701	1.53	cps
Yttrium	89-2	2822538	2810335	2761804	2798226	1.15	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:43:22	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	930	817	923	890	7.15	cps
Zirconium	90-1	9412	9295	9645	9451	1.89	cps
Zirconium	91-1	1975	2217	1975	2056	6.79	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53831	53354	53864	53683	0.53	cps
Antimony	121-1	300339	298997	302648	300661	0.61	cps
Arsenic	75-2	9635	9790	9924	9783	1.48	cps
Barium	135-1	387485	390886	387012	388461	0.54	cps
Barium	137-1	677373	675562	681482	678139	0.45	cps
Beryllium	9-1	74357	74569	73975	74301	0.40	cps
Bismuth	209-1	6185740	6252183	6209163	6215695	0.54	cps
Bismuth	209-2	4113876	4139445	4139697	4131006	0.36	cps
Boron	10-1	11263	11563	10854	11227	3.17	cps
Boron	11-1	51364	51171	52643	51726	1.55	cps
Cadmium	111-1	93161	93048	92980	93063	0.10	cps
Cadmium	106-1	15993	15576	16385	15985	2.53	cps
Cadmium	108-1	6572	6773	6506	6617	2.10	cps
Calcium	43-1	94996	96078	96095	95723	0.66	cps
Calcium	44-1	1540261	1541648	1535512	1539140	0.21	cps
Chromium	52-2	81765	81393	81266	81475	0.32	cps
Cobalt	59-2	139607	138418	138429	138818	0.49	cps
Copper	63-2	198101	199155	197321	198193	0.46	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	33	33	17	28	34.63	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	140	160	177	159	11.56	cps
Holmium	165-1	9559659	9678166	9592325	9610050	0.64	cps
Holmium	165-2	5446952	5468091	5470588	5461877	0.24	cps
Indium	115-1	7663950	7669897	7683634	7672494	0.13	cps
Indium	115-2	1610723	1617713	1600348	1609595	0.54	cps
Iron	56-2	3582332	3569900	3563586	3571939	0.27	cps
Iron	57-2	90740	89466	90416	90207	0.73	cps
Krypton	83-1	167	167	113	149	20.68	cps
Lead	206-1	260926	264848	265055	263609	0.88	cps
Lead	207-1	224971	230433	231679	229028	1.56	cps
Lead	208-1	1032806	1044285	1050564	1042552	0.86	cps
Lithium	6-1	2667015	2676543	2676229	2673262	0.20	cps
Magnesium	24-2	608252	608021	605173	607149	0.28	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104981	103598	102632	103737	1.14	cps
Molybdenum	94-1	630075	637337	630278	632563	0.65	cps
Molybdenum	95-1	786912	797106	791336	791785	0.65	cps
Molybdenum	96-1	868162	872323	874280	871588	0.36	cps
Molybdenum	97-1	491118	492649	492293	492020	0.16	cps
Molybdenum	98-1	1251949	1266266	1270152	1262789	0.76	cps
Neodymium	150-1	27	47	67	47	42.85	cps
Neodymium	150-2	33	10	0	14	118.42	cps
Nickel	60-2	36419	35811	35740	35990	1.04	cps
Phosphorus	31-2	2975	3301	3217	3164	5.34	cps
Potassium	39-2	310520	305834	308964	308439	0.77	cps
Rhodium	103-1	6751448	6708061	6774116	6744542	0.50	cps
Rhodium	103-2	3290067	3278114	3234938	3267706	0.89	cps
Scandium	45-1	4547679	4544909	4549021	4547203	0.05	cps
Scandium	45-2	181827	181726	179800	181118	0.63	cps
Selenium	77-2	253	323	307	294	12.42	cps
Selenium	78-2	959	1006	987	984	2.37	cps
Selenium	82-1	6970	6715	6853	6846	1.86	cps
Silicon	28-1	314298	318809	317331	316813	0.73	cps
Silver	109-1	399739	397238	395644	397541	0.52	cps
Silver	107-1	410610	410205	416329	412381	0.83	cps
Sodium	23-2	1127472	1128609	1124817	1126966	0.17	cps
Strontium	86-1	101097	101306	100350	100918	0.50	cps
Strontium	88-1	881693	877007	884444	881048	0.43	cps
Sulfur	34-1	231453	231023	232766	231747	0.39	cps
Terbium	159-1	9868847	9969344	9949339	9929176	0.54	cps
Terbium	159-2	5346043	5365133	5299009	5336728	0.64	cps
Thallium	203-1	319187	321091	322482	320920	0.52	cps
Thallium	205-1	768543	771203	776236	771994	0.51	cps
Thorium	232-1	1016948	1035496	1026995	1026480	0.90	cps
Tin	118-1	264775	267312	264655	265581	0.57	cps
Titanium	47-1	204059	203190	205783	204344	0.65	cps
Uranium	238-1	985853	982311	986861	985008	0.24	cps
Vanadium	51-2	64172	64969	64581	64574	0.62	cps
Yttrium	89-1	18595925	18557954	18659748	18604543	0.28	cps
Yttrium	89-2	2696728	2699547	2666096	2687457	0.69	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:47:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33058	33181	32904	33048	0.42	cps
Zirconium	90-1	515341	508698	510243	511427	0.68	cps
Zirconium	91-1	113143	113992	113683	113606	0.38	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130623	130085	130389	130366	0.21	cps
Antimony	121-1	751104	754123	742855	749361	0.78	cps
Arsenic	75-2	23465	23352	23265	23361	0.43	cps
Barium	135-1	982268	976631	969243	976048	0.67	cps
Barium	137-1	1690256	1686927	1687099	1688094	0.11	cps
Beryllium	9-1	185341	182865	182792	183666	0.79	cps
Bismuth	209-1	6283609	6363964	6277583	6308385	0.76	cps
Bismuth	209-2	4041553	4080021	4103510	4075028	0.77	cps
Boron	10-1	27050	26491	27835	27125	2.49	cps
Boron	11-1	125165	124922	125872	125320	0.39	cps
Cadmium	111-1	224785	223220	223174	223726	0.41	cps
Cadmium	106-1	30150	29699	29674	29841	0.90	cps
Cadmium	108-1	16677	16673	16368	16572	1.07	cps
Calcium	43-1	231156	229938	228859	229984	0.50	cps
Calcium	44-1	3752825	3737302	3720969	3737032	0.43	cps
Chromium	52-2	193353	193241	193846	193480	0.17	cps
Cobalt	59-2	326446	325143	328169	326586	0.46	cps
Copper	63-2	467024	464714	466314	466017	0.25	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Dysprosium	156-2	33	57	23	38	45.29	cps
Erbium	164-1	100	50	50	67	43.30	cps
Erbium	164-2	60	43	50	51	16.42	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	187	180	177	181	2.81	cps
Holmium	165-1	9800658	9804961	9714872	9773497	0.52	cps
Holmium	165-2	5380506	5435872	5515394	5443924	1.25	cps
Indium	115-1	7616584	7589631	7557589	7587935	0.39	cps
Indium	115-2	1557222	1562632	1574130	1564661	0.55	cps
Iron	56-2	8481882	8459374	8538732	8493330	0.48	cps
Iron	57-2	213644	212431	216616	214230	1.01	cps
Krypton	83-1	240	183	150	191	23.81	cps
Lead	206-1	667791	663022	666472	665761	0.37	cps
Lead	207-1	580370	585224	584841	583478	0.46	cps
Lead	208-1	2650701	2648449	2655828	2651659	0.14	cps
Lithium	6-1	2672617	2664209	2630757	2655861	0.83	cps
Magnesium	24-2	1456822	1443408	1461910	1454047	0.66	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	248972	249238	251393	249868	0.53	cps
Molybdenum	94-1	1553582	1559866	1552677	1555375	0.25	cps
Molybdenum	95-1	1937086	1936101	1932866	1935351	0.11	cps
Molybdenum	96-1	2153662	2148424	2131673	2144587	0.54	cps
Molybdenum	97-1	1207632	1210827	1207481	1208647	0.16	cps
Molybdenum	98-1	3115979	3125124	3091932	3111011	0.55	cps
Neodymium	150-1	113	93	73	93	21.43	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	85414	84924	84619	84986	0.47	cps
Phosphorus	31-2	7277	7494	7369	7380	1.47	cps
Potassium	39-2	714049	713097	722730	716625	0.74	cps
Rhodium	103-1	6621009	6589955	6534239	6581734	0.67	cps
Rhodium	103-2	3132409	3131206	3155376	3139664	0.43	cps
Scandium	45-1	4443077	4432826	4388709	4421537	0.65	cps
Scandium	45-2	172291	171762	173162	172405	0.41	cps
Selenium	77-2	753	703	657	704	6.86	cps
Selenium	78-2	2422	2547	2447	2472	2.66	cps
Selenium	82-1	16471	16621	16787	16626	0.95	cps
Silicon	28-1	635244	632535	634865	634214	0.23	cps
Silver	109-1	970064	970587	969694	970115	0.05	cps
Silver	107-1	1014316	1014360	1005944	1011540	0.48	cps
Sodium	23-2	2734567	2692762	2735224	2720851	0.89	cps
Strontium	86-1	246861	249640	246688	247730	0.67	cps
Strontium	88-1	2168071	2150321	2159115	2159169	0.41	cps
Sulfur	34-1	270420	266046	267876	268114	0.82	cps
Terbium	159-1	10056955	10042943	10071110	10057003	0.14	cps
Terbium	159-2	5275519	5273085	5317102	5288568	0.47	cps
Thallium	203-1	823845	821177	823360	822794	0.17	cps
Thallium	205-1	1956914	1975785	1970857	1967852	0.50	cps
Thorium	232-1	2650858	2653693	2661233	2655261	0.20	cps
Tin	118-1	660886	659659	657236	659260	0.28	cps
Titanium	47-1	503937	499678	495767	499794	0.82	cps
Uranium	238-1	2545668	2554018	2537107	2545598	0.33	cps
Vanadium	51-2	156510	153994	153570	154691	1.03	cps
Yttrium	89-1	18450996	18171478	18228953	18283809	0.81	cps
Yttrium	89-2	2599840	2579211	2598773	2592608	0.45	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:51:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77672	78211	77947	77943	0.35	cps
Zirconium	90-1	1279165	1262762	1272854	1271594	0.65	cps
Zirconium	91-1	282570	281984	283724	282759	0.31	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245915	247559	243381	245618	0.86	cps
Antimony	121-1	1481581	1479068	1477437	1479362	0.14	cps
Arsenic	75-2	43899	44678	44014	44197	0.95	cps
Barium	135-1	1918318	1919378	1922399	1920032	0.11	cps
Barium	137-1	3347071	3335631	3340270	3340991	0.17	cps
Beryllium	9-1	351169	349816	346160	349049	0.74	cps
Bismuth	209-1	6342426	6377441	6468460	6396109	1.02	cps
Bismuth	209-2	4062323	4096679	4066251	4075084	0.46	cps
Boron	10-1	52166	51572	52693	52143	1.07	cps
Boron	11-1	237506	236886	237652	237348	0.17	cps
Cadmium	111-1	431809	429529	426512	429283	0.62	cps
Cadmium	106-1	53000	52105	51076	52060	1.85	cps
Cadmium	108-1	32517	31736	31477	31910	1.70	cps
Calcium	43-1	446238	446763	441597	444866	0.64	cps
Calcium	44-1	7259223	7205022	7208953	7224399	0.42	cps
Chromium	52-2	364856	367095	367416	366456	0.38	cps
Cobalt	59-2	618082	619295	618804	618727	0.10	cps
Copper	63-2	871418	877684	878964	876022	0.46	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	70	63	60	64	7.90	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	43	60	33	46	29.58	cps
Gadolinium	160-1	83	42	25	50	60.09	cps
Gadolinium	160-2	190	173	150	171	11.74	cps
Holmium	165-1	9891847	9826891	9905263	9874667	0.42	cps
Holmium	165-2	5398922	5465104	5483928	5449318	0.82	cps
Indium	115-1	7374395	7376543	7392415	7381118	0.13	cps
Indium	115-2	1504812	1512340	1521131	1512761	0.54	cps
Iron	56-2	16249457	16310591	16242734	16267594	0.23	cps
Iron	57-2	407889	407910	408702	408167	0.11	cps
Krypton	83-1	157	157	150	154	2.49	cps
Lead	206-1	1363651	1351738	1365128	1360172	0.54	cps
Lead	207-1	1183918	1179064	1199888	1187623	0.92	cps
Lead	208-1	5373143	5365670	5429936	5389583	0.65	cps
Lithium	6-1	2575818	2574903	2577180	2575967	0.04	cps
Magnesium	24-2	2780682	2790264	2803742	2791563	0.41	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	473439	478085	474313	475279	0.52	cps
Molybdenum	94-1	3024362	2996147	3017457	3012655	0.49	cps
Molybdenum	95-1	3758417	3715388	3729100	3734302	0.59	cps
Molybdenum	96-1	4167603	4151888	4139155	4152882	0.34	cps
Molybdenum	97-1	2354357	2341738	2333358	2343151	0.45	cps
Molybdenum	98-1	6150038	6088244	6133833	6124038	0.52	cps
Neodymium	150-1	173	133	100	136	27.09	cps
Neodymium	150-2	33	17	20	23	37.78	cps
Nickel	60-2	159169	160727	160096	159997	0.49	cps
Phosphorus	31-2	13432	13273	14299	13668	4.04	cps
Potassium	39-2	1350764	1353343	1355797	1353301	0.19	cps
Rhodium	103-1	6325670	6287227	6305230	6306043	0.31	cps
Rhodium	103-2	3014048	3044437	3062615	3040367	0.81	cps
Scandium	45-1	4232555	4198287	4232925	4221256	0.47	cps
Scandium	45-2	163315	163326	165876	164172	0.90	cps
Selenium	77-2	1513	1447	1337	1432	6.23	cps
Selenium	78-2	4656	4593	4792	4680	2.16	cps
Selenium	82-1	31823	31479	31696	31666	0.55	cps
Silicon	28-1	1130165	1129202	1128659	1129342	0.07	cps
Silver	109-1	1854484	1849468	1856329	1853427	0.19	cps
Silver	107-1	1959733	1938983	1921241	1939986	0.99	cps
Sodium	23-2	5210998	5218364	5236180	5221847	0.25	cps
Strontium	86-1	480379	480598	477231	479403	0.39	cps
Strontium	88-1	4184332	4198244	4157646	4180074	0.49	cps
Sulfur	34-1	330264	324387	320193	324948	1.56	cps
Terbium	159-1	10127689	10057058	10133930	10106226	0.42	cps
Terbium	159-2	5239521	5307455	5325970	5290982	0.86	cps
Thallium	203-1	1667030	1667218	1680333	1671527	0.46	cps
Thallium	205-1	3987892	3962940	4026974	3992602	0.81	cps
Thorium	232-1	5517572	5534476	5477966	5510005	0.53	cps
Tin	118-1	1296126	1291685	1291695	1293169	0.20	cps
Titanium	47-1	962964	944578	947807	951783	1.03	cps
Uranium	238-1	5233496	5295482	5275917	5268298	0.60	cps
Vanadium	51-2	289937	293345	295326	292869	0.93	cps
Yttrium	89-1	17740563	17607873	17714284	17687573	0.40	cps
Yttrium	89-2	2496985	2517664	2510308	2508319	0.42	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:55:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	148836	148772	147361	148323	0.56	cps
Zirconium	90-1	2462475	2432479	2437740	2444231	0.66	cps
Zirconium	91-1	544075	539858	545598	543177	0.55	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485460	478637	479356	481151	0.78	cps
Antimony	121-1	2918821	2921941	2918639	2919800	0.06	cps
Arsenic	75-2	86384	86196	86417	86332	0.14	cps
Barium	135-1	3783588	3817579	3807162	3802776	0.46	cps
Barium	137-1	6703993	6750619	6748873	6734495	0.39	cps
Beryllium	9-1	672271	672894	673946	673037	0.13	cps
Bismuth	209-1	6403149	6403047	6386017	6397404	0.15	cps
Bismuth	209-2	4075917	4086984	4077026	4079975	0.15	cps
Boron	10-1	99325	102765	104392	102161	2.53	cps
Boron	11-1	463584	469471	477009	470021	1.43	cps
Cadmium	111-1	835556	842875	843327	840586	0.52	cps
Cadmium	106-1	95279	94261	97249	95596	1.59	cps
Cadmium	108-1	62575	62471	62349	62465	0.18	cps
Calcium	43-1	863348	863754	865396	864166	0.13	cps
Calcium	44-1	14065989	14193464	14146065	14135173	0.46	cps
Chromium	52-2	716655	707962	710713	711777	0.62	cps
Cobalt	59-2	1194834	1188490	1188895	1190740	0.30	cps
Copper	63-2	1666510	1671193	1669676	1669126	0.14	cps
Dysprosium	156-1	67	83	58	69	18.33	cps
Dysprosium	156-2	133	77	100	103	27.56	cps
Erbium	164-1	42	100	108	83	43.59	cps
Erbium	164-2	60	60	50	57	10.19	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	200	210	183	198	6.81	cps
Holmium	165-1	9968691	10004027	10014452	9995723	0.24	cps
Holmium	165-2	5457138	5481554	5480409	5473034	0.25	cps
Indium	115-1	7328426	7342134	7353124	7341228	0.17	cps
Indium	115-2	1477350	1500429	1487342	1488373	0.78	cps
Iron	56-2	31657830	31586658	31604406	31616298	0.12	cps
Iron	57-2	797040	794318	790519	793959	0.41	cps
Krypton	83-1	120	143	163	142	15.25	cps
Lead	206-1	2705515	2716498	2706655	2709556	0.22	cps
Lead	207-1	2362874	2390375	2363498	2372249	0.66	cps
Lead	208-1	10763096	10836869	10731068	10777011	0.50	cps
Lithium	6-1	2558410	2539174	2530473	2542686	0.56	cps
Magnesium	24-2	5586965	5517869	5495622	5533485	0.86	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	928712	927030	918560	924767	0.59	cps
Molybdenum	94-1	6059657	6057883	6025763	6047768	0.32	cps
Molybdenum	95-1	7457457	7474132	7469334	7466975	0.11	cps
Molybdenum	96-1	8305961	8276928	8272965	8285285	0.22	cps
Molybdenum	97-1	4606335	4618964	4599108	4608136	0.22	cps
Molybdenum	98-1	12051986	12135044	12117395	12101475	0.36	cps
Neodymium	150-1	413	380	393	396	4.24	cps
Neodymium	150-2	37	67	50	51	29.41	cps
Nickel	60-2	306497	307267	306729	306831	0.13	cps
Phosphorus	31-2	26808	25489	26366	26221	2.56	cps
Potassium	39-2	2648688	2624805	2619399	2630964	0.59	cps
Rhodium	103-1	6188441	6159413	6176906	6174920	0.24	cps
Rhodium	103-2	2952571	2970761	2959550	2960961	0.31	cps
Scandium	45-1	4165660	4142462	4143468	4150530	0.32	cps
Scandium	45-2	163305	162766	163534	163202	0.24	cps
Selenium	77-2	2550	2560	2537	2549	0.46	cps
Selenium	78-2	9203	9071	9268	9181	1.09	cps
Selenium	82-1	61401	61339	61771	61504	0.38	cps
Silicon	28-1	2100233	2130267	2122536	2117679	0.74	cps
Silver	109-1	3584093	3581674	3602972	3589580	0.32	cps
Silver	107-1	3730046	3718812	3730109	3726322	0.17	cps
Sodium	23-2	10427430	10315590	10294054	10345691	0.69	cps
Strontium	86-1	946382	953224	943628	947745	0.52	cps
Strontium	88-1	8394771	8419187	8386070	8400009	0.20	cps
Sulfur	34-1	473337	473000	466627	470988	0.80	cps
Terbium	159-1	10265468	10224566	10221786	10237273	0.24	cps
Terbium	159-2	5285965	5340388	5297865	5308072	0.54	cps
Thallium	203-1	3356998	3346450	3377171	3360206	0.46	cps
Thallium	205-1	8100417	8145337	8154690	8133481	0.36	cps
Thorium	232-1	11415563	11432903	11376553	11408340	0.25	cps
Tin	118-1	2558823	2566394	2561825	2562347	0.15	cps
Titanium	47-1	1854035	1856929	1844986	1851984	0.34	cps
Uranium	238-1	10881148	10897384	10890401	10889644	0.07	cps
Vanadium	51-2	574177	571036	569643	571619	0.41	cps
Yttrium	89-1	17605440	17630777	17600306	17612174	0.09	cps
Yttrium	89-2	2478667	2496243	2482573	2485828	0.37	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 12:59:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	286831	286612	286637	286693	0.04	cps
Zirconium	90-1	4803515	4809072	4797636	4803408	0.12	cps
Zirconium	91-1	1069173	1082934	1068833	1073647	0.75	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	954427	936784	939277	943496	1.01	cps
Antimony	121-1	5800212	5685740	5736953	5740968	1.00	cps
Arsenic	75-2	165895	164886	165227	165336	0.31	cps
Barium	135-1	7598706	7574470	7628196	7600457	0.35	cps
Barium	137-1	13262931	13322014	13327206	13304051	0.27	cps
Beryllium	9-1	1284066	1275334	1287867	1282422	0.50	cps
Bismuth	209-1	6346593	6309443	6530125	6395387	1.85	cps
Bismuth	209-2	3951880	3959722	3967196	3959600	0.19	cps
Boron	10-1	194663	193261	197669	195198	1.15	cps
Boron	11-1	892722	893505	901349	895859	0.53	cps
Cadmium	111-1	1683439	1674474	1684026	1680646	0.32	cps
Cadmium	106-1	186544	185752	186460	186252	0.23	cps
Cadmium	108-1	123171	123793	122885	123283	0.38	cps
Calcium	43-1	1687898	1678067	1688527	1684831	0.35	cps
Calcium	44-1	27721178	27378664	27417744	27505862	0.68	cps
Chromium	52-2	1384934	1383477	1386221	1384877	0.10	cps
Cobalt	59-2	2300194	2299162	2294731	2298029	0.13	cps
Copper	63-2	3432634	3415095	3411233	3419654	0.33	cps
Dysprosium	156-1	100	108	133	114	15.23	cps
Dysprosium	156-2	157	137	130	141	9.84	cps
Erbium	164-1	142	67	25	78	76.01	cps
Erbium	164-2	60	53	73	62	16.37	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	167	227	197	197	15.25	cps
Holmium	165-1	10175669	10093132	10177967	10148923	0.48	cps
Holmium	165-2	5477496	5468007	5483338	5476281	0.14	cps
Indium	115-1	7224778	7173990	7253404	7217390	0.56	cps
Indium	115-2	1443942	1434897	1444372	1441070	0.37	cps
Iron	56-2	62173306	61402257	61550342	61708635	0.66	cps
Iron	57-2	1551659	1542029	1543949	1545879	0.33	cps
Krypton	83-1	173	150	167	163	7.36	cps
Lead	206-1	5360418	5333459	5379421	5357766	0.43	cps
Lead	207-1	4677395	4636927	4701767	4672030	0.70	cps
Lead	208-1	21646681	21528421	21798062	21657721	0.62	cps
Lithium	6-1	2483563	2467229	2477637	2476143	0.33	cps
Magnesium	24-2	10934503	10773448	10829371	10845774	0.75	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1812889	1798604	1797993	1803162	0.47	cps
Molybdenum	94-1	11896608	11831912	11984451	11904324	0.64	cps
Molybdenum	95-1	14660378	14584021	14788307	14677569	0.70	cps
Molybdenum	96-1	16261481	16176261	16439722	16292488	0.83	cps
Molybdenum	97-1	9249522	9219894	9345118	9271512	0.71	cps
Molybdenum	98-1	23749250	23659661	23822680	23743864	0.34	cps
Neodymium	150-1	560	593	560	571	3.37	cps
Neodymium	150-2	67	43	70	60	24.22	cps
Nickel	60-2	588643	586695	582892	586077	0.50	cps
Phosphorus	31-2	50503	50077	51264	50615	1.19	cps
Potassium	39-2	5164860	5118902	5154223	5145995	0.47	cps
Rhodium	103-1	6004043	5985195	6008049	5999096	0.20	cps
Rhodium	103-2	2876500	2861115	2850164	2862593	0.46	cps
Scandium	45-1	4093579	4071780	4067240	4077533	0.35	cps
Scandium	45-2	161323	159468	160984	160591	0.62	cps
Selenium	77-2	5221	5048	4988	5085	2.38	cps
Selenium	78-2	17069	17333	16914	17105	1.24	cps
Selenium	82-1	117158	116984	118496	117546	0.70	cps
Silicon	28-1	3806693	3800366	3843889	3816982	0.62	cps
Silver	109-1	7382280	7281333	7367355	7343656	0.74	cps
Silver	107-1	7606472	7612448	7621595	7613505	0.10	cps
Sodium	23-2	20458435	20285504	20335758	20359899	0.44	cps
Strontium	86-1	1853860	1830631	1861011	1848501	0.86	cps
Strontium	88-1	16508895	16332439	16592265	16477866	0.81	cps
Sulfur	34-1	767664	760594	769722	765993	0.63	cps
Terbium	159-1	10315434	10311679	10385593	10337569	0.40	cps
Terbium	159-2	5279238	5288055	5310818	5292704	0.31	cps
Thallium	203-1	6723136	6716239	6829156	6756177	0.94	cps
Thallium	205-1	16219046	16160167	16486920	16288711	1.07	cps
Thorium	232-1	22822351	22807568	23269971	22966630	1.14	cps
Tin	118-1	5014478	4982244	5031712	5009478	0.50	cps
Titanium	47-1	3601254	3578272	3603695	3594407	0.39	cps
Uranium	238-1	21677438	21701575	22029769	21802927	0.90	cps
Vanadium	51-2	1122082	1122475	1121038	1121865	0.07	cps
Yttrium	89-1	17466046	17374719	17534539	17458435	0.46	cps
Yttrium	89-2	2469724	2442529	2443407	2451887	0.63	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:02:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	615458	615075	611328	613953	0.37	cps
Zirconium	90-1	9713504	9665917	9731903	9703775	0.35	cps
Zirconium	91-1	2098565	2085862	2109675	2098034	0.57	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4895847	4919980	4911228	4909018	0.25	cps
Antimony	121-1	9837	9737	9729	9768	0.62	cps
Arsenic	75-2	272	224	211	236	13.66	cps
Barium	135-1	2475	2367	1775	2206	17.09	cps
Barium	137-1	4067	3226	3009	3434	16.29	cps
Beryllium	9-1	483	290	333	369	27.50	cps
Bismuth	209-1	5658933	5595898	5583455	5612762	0.72	cps
Bismuth	209-2	3472672	3491494	3493284	3485817	0.33	cps
Boron	10-1	11346	9470	9045	9954	12.30	cps
Boron	11-1	47467	44316	40932	44239	7.39	cps
Cadmium	111-1	4722	4258	4334	4438	5.60	cps
Cadmium	106-1	6235	5568	5735	5846	5.94	cps
Cadmium	108-1	79	50	25	51	52.76	cps
Calcium	43-1	8485033	8475117	8451632	8470594	0.20	cps
Calcium	44-1	138804291	138289457	138222420	138438723	0.23	cps
Chromium	52-2	26945	26457	26477	26626	1.04	cps
Cobalt	59-2	27372	27226	27296	27298	0.27	cps
Copper	63-2	5611	5338	5508	5486	2.52	cps
Dysprosium	156-1	117	92	58	89	32.92	cps
Dysprosium	156-2	40	23	53	39	38.65	cps
Erbium	164-1	42	83	83	69	34.64	cps
Erbium	164-2	47	57	63	56	15.09	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	150	153	210	171	19.71	cps
Holmium	165-1	9763016	9796587	9823427	9794344	0.31	cps
Holmium	165-2	5253488	5252567	5238799	5248285	0.16	cps
Indium	115-1	6890282	6887047	6840735	6872688	0.40	cps
Indium	115-2	1396265	1402618	1420174	1406352	0.88	cps
Iron	56-2	300299129	299952796	302974907	301075610	0.55	cps
Iron	57-2	7512640	7472110	7537405	7507385	0.44	cps
Krypton	83-1	143	157	140	147	6.01	cps
Lead	206-1	5863	5818	5746	5809	1.01	cps
Lead	207-1	5351	4862	4456	4890	9.16	cps
Lead	208-1	23125	22447	21379	22317	3.94	cps
Lithium	6-1	2401988	2391391	2397646	2397009	0.22	cps
Magnesium	24-2	53754835	53632862	53830856	53739518	0.19	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7205	7108	7195	7170	0.74	cps
Molybdenum	94-1	10104	8895	8811	9270	7.80	cps
Molybdenum	95-1	13999	13524	12640	13387	5.15	cps
Molybdenum	96-1	20198	19631	19572	19801	1.75	cps
Molybdenum	97-1	8069	8094	8094	8086	0.18	cps
Molybdenum	98-1	21667	20424	19639	20577	4.97	cps
Neodymium	150-1	107	140	87	111	24.25	cps
Neodymium	150-2	47	63	70	60	20.03	cps
Nickel	60-2	11905	11458	12379	11914	3.86	cps
Phosphorus	31-2	108	50	33	64	61.65	cps
Potassium	39-2	25912963	26131484	26187730	26077392	0.56	cps
Rhodium	103-1	5455027	5430899	5434497	5440141	0.24	cps
Rhodium	103-2	2635581	2637300	2641823	2638234	0.12	cps
Scandium	45-1	4005025	4001087	4002861	4002991	0.05	cps
Scandium	45-2	162948	162193	164006	163049	0.56	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	31	37	35	8.19	cps
Selenium	82-1	221	142	181	181	21.72	cps
Silicon	28-1	191665	193789	191022	192158	0.75	cps
Silver	109-1	1809	1417	1183	1470	21.49	cps
Silver	107-1	2042	1759	1792	1864	8.31	cps
Sodium	23-2	100280190	100101725	100628013	100336643	0.27	cps
Strontium	86-1	8336	8319	7811	8155	3.66	cps
Strontium	88-1	71855	70876	69461	70730	1.70	cps
Sulfur	34-1	153012	154005	151624	152880	0.78	cps
Terbium	159-1	10057971	9905342	9924876	9962730	0.83	cps
Terbium	159-2	5102530	5057981	5122956	5094489	0.65	cps
Thallium	203-1	2859	2575	2367	2600	9.49	cps
Thallium	205-1	6835	5910	5226	5991	13.48	cps
Thorium	232-1	9087	7891	7502	8160	10.12	cps
Tin	118-1	3559	3501	3275	3445	4.34	cps
Titanium	47-1	1600	1650	1692	1647	2.79	cps
Uranium	238-1	6594	6235	5560	6130	8.56	cps
Vanadium	51-2	293	277	290	287	3.08	cps
Yttrium	89-1	17031289	16945609	16944030	16973643	0.29	cps
Yttrium	89-2	2426409	2436245	2445714	2436123	0.40	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:06:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9930	9750	9944	9875	1.09	cps
Zirconium	90-1	4434	4309	3609	4117	10.80	cps
Zirconium	91-1	1058	850	858	922	12.79	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24446	25147	24963	24852	1.46	cps
Antimony	121-1	1119558	1124255	1124063	1122625	0.24	cps
Arsenic	75-2	35811	36735	36622	36389	1.39	cps
Barium	135-1	148224	147912	147398	147845	0.28	cps
Barium	137-1	259320	258736	257070	258375	0.45	cps
Beryllium	9-1	133164	131846	131372	132127	0.70	cps
Bismuth	209-1	6724655	6351113	6383777	6486515	3.19	cps
Bismuth	209-2	4187684	4205605	4265676	4219655	0.97	cps
Boron	10-1	4876	4601	4534	4670	3.88	cps
Boron	11-1	22084	21407	21883	21791	1.59	cps
Cadmium	111-1	169636	165817	168607	168020	1.18	cps
Cadmium	106-1	20824	19957	20432	20404	2.13	cps
Cadmium	108-1	12785	13206	12606	12866	2.40	cps
Calcium	43-1	35669	35051	35034	35251	1.03	cps
Calcium	44-1	583329	578904	578631	580288	0.45	cps
Chromium	52-2	144344	145566	144978	144963	0.42	cps
Cobalt	59-2	249282	249223	249851	249452	0.14	cps
Copper	63-2	178017	178567	177778	178121	0.23	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	23	47	27	32	39.17	cps
Erbium	164-1	100	100	50	83	34.64	cps
Erbium	164-2	77	117	77	90	25.66	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	187	190	167	181	6.97	cps
Holmium	165-1	10161378	9819738	9914352	9965156	1.77	cps
Holmium	165-2	5515434	5535971	5630626	5560677	1.10	cps
Indium	115-1	7839595	7542608	7533710	7638638	2.28	cps
Indium	115-2	1582419	1592161	1620467	1598349	1.24	cps
Iron	56-2	1321777	1323606	1319533	1321639	0.15	cps
Iron	57-2	32030	33940	32726	32898	2.94	cps
Krypton	83-1	187	137	170	164	15.48	cps
Lead	206-1	1108605	1102971	1105175	1105583	0.26	cps
Lead	207-1	960188	952837	962132	958386	0.51	cps
Lead	208-1	4382312	4327922	4383973	4364735	0.73	cps
Lithium	6-1	2676235	2604126	2594522	2624961	1.70	cps
Magnesium	24-2	137140	135810	134861	135937	0.84	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93783	92921	93327	93343	0.46	cps
Molybdenum	94-1	4112619	4080137	4081116	4091290	0.45	cps
Molybdenum	95-1	7400251	7344530	7377192	7373991	0.38	cps
Molybdenum	96-1	7896625	7847610	7897104	7880446	0.36	cps
Molybdenum	97-1	4523806	4477911	4498253	4499990	0.51	cps
Molybdenum	98-1	11983734	11925871	11880861	11930155	0.43	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	20	10	0	10	100.00	cps
Nickel	60-2	64906	66460	64632	65332	1.51	cps
Phosphorus	31-2	67	42	83	64	32.83	cps
Potassium	39-2	226225	227806	228423	227485	0.50	cps
Rhodium	103-1	6737757	6513877	6515075	6588903	1.96	cps
Rhodium	103-2	3173351	3210560	3220681	3201531	0.78	cps
Scandium	45-1	4416072	4272473	4261231	4316592	2.00	cps
Scandium	45-2	172642	171948	175043	173211	0.94	cps
Selenium	77-2	1067	1250	1007	1108	11.44	cps
Selenium	78-2	3582	3741	3643	3655	2.20	cps
Selenium	82-1	25038	24740	25000	24926	0.65	cps
Silicon	28-1	104363	108785	110246	107798	2.84	cps
Silver	109-1	666399	654697	663163	661420	0.91	cps
Silver	107-1	695961	686141	690448	690850	0.71	cps
Sodium	23-2	429143	433673	433282	432033	0.58	cps
Strontium	86-1	4409	4659	4326	4465	3.89	cps
Strontium	88-1	39046	36815	36865	37575	3.39	cps
Sulfur	34-1	168105	164472	159427	164001	2.66	cps
Terbium	159-1	10403474	10101249	10100676	10201800	1.71	cps
Terbium	159-2	5362973	5399195	5444032	5402067	0.75	cps
Thallium	203-1	1438149	1434131	1454195	1442159	0.74	cps
Thallium	205-1	3465854	3430211	3447901	3447989	0.52	cps
Thorium	232-1	4690	4723	4745	4720	0.59	cps
Tin	118-1	1325	1175	1350	1283	7.38	cps
Titanium	47-1	1933357	1907983	1919667	1920336	0.66	cps
Uranium	238-1	2375	2059	2375	2270	8.06	cps
Vanadium	51-2	113613	115907	116801	115441	1.42	cps
Yttrium	89-1	18533111	17879098	18018623	18143611	1.90	cps
Yttrium	89-2	2606997	2628981	2642637	2626205	0.68	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:13:15	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68195	69183	68209	68529	0.83	cps
Zirconium	90-1	3059	2500	2559	2706	11.34	cps
Zirconium	91-1	758	642	742	714	8.84	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	1542	1458	1650	1550	6.20	cps
Arsenic	75-2	11	17	9	12	31.24	cps
Barium	135-1	42	50	25	39	32.73	cps
Barium	137-1	42	33	75	50	44.10	cps
Beryllium	9-1	180	123	140	148	19.71	cps
Bismuth	209-1	6582015	6573723	6561770	6572503	0.15	cps
Bismuth	209-2	4294146	4311980	4164563	4256896	1.89	cps
Boron	10-1	3042	3159	2892	3031	4.41	cps
Boron	11-1	14191	13290	13031	13504	4.51	cps
Cadmium	111-1	4263	4233	4099	4198	2.08	cps
Cadmium	106-1	6002	5968	5768	5913	2.14	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	92	75	92	86	11.18	cps
Calcium	44-1	6653	6144	6395	6397	3.98	cps
Chromium	52-2	247	273	313	278	12.08	cps
Cobalt	59-2	50	33	53	46	23.52	cps
Copper	63-2	500	483	457	480	4.55	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	17	20	17	18	10.81	cps
Erbium	164-1	92	50	42	61	43.83	cps
Erbium	164-2	47	67	53	56	18.33	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	207	190	220	206	7.31	cps
Holmium	165-1	9897389	9870347	9859148	9875628	0.20	cps
Holmium	165-2	5633714	5656256	5465063	5585011	1.87	cps
Indium	115-1	7615275	7615849	7553725	7594950	0.47	cps
Indium	115-2	1639700	1628797	1581178	1616558	1.93	cps
Iron	56-2	3200	3095	3195	3163	1.88	cps
Iron	57-2	128	139	128	131	4.88	cps
Krypton	83-1	173	147	123	148	16.93	cps
Lead	206-1	1011	811	989	937	11.70	cps
Lead	207-1	867	867	756	830	7.73	cps
Lead	208-1	3450	3284	3217	3317	3.62	cps
Lithium	6-1	2616340	2606955	2616125	2613140	0.21	cps
Magnesium	24-2	233	225	175	211	14.94	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	33	13	22	45.83	cps
Molybdenum	94-1	1759	1634	1450	1614	9.61	cps
Molybdenum	95-1	2300	2434	1725	2153	17.49	cps
Molybdenum	96-1	2892	2159	2400	2484	15.05	cps
Molybdenum	97-1	1583	1217	1083	1295	20.00	cps
Molybdenum	98-1	3917	3659	3367	3648	7.55	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	47	57	67	57	17.65	cps
Phosphorus	31-2	58	92	67	72	24.02	cps
Potassium	39-2	9420	9412	9704	9512	1.75	cps
Rhodium	103-1	6585777	6594477	6564230	6581495	0.24	cps
Rhodium	103-2	3288276	3299751	3192032	3260020	1.81	cps
Scandium	45-1	4301264	4296763	4279857	4292628	0.26	cps
Scandium	45-2	175840	177327	172579	175249	1.39	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	39	50	43	15.06	cps
Selenium	82-1	96	130	131	119	16.83	cps
Silicon	28-1	87271	86299	87379	86983	0.68	cps
Silver	109-1	83	75	150	103	40.00	cps
Silver	107-1	258	175	242	225	19.60	cps
Sodium	23-2	10421	9979	9737	10045	3.45	cps
Strontium	86-1	267	275	175	239	23.23	cps
Strontium	88-1	75	92	67	78	16.37	cps
Sulfur	34-1	168290	171653	172883	170942	1.39	cps
Terbium	159-1	10317700	10144123	10103146	10188323	1.12	cps
Terbium	159-2	5517652	5503257	5326661	5449190	1.95	cps
Thallium	203-1	1350	1050	1092	1164	13.96	cps
Thallium	205-1	2292	2250	1942	2161	8.85	cps
Thorium	232-1	2556	2256	2550	2454	6.99	cps
Tin	118-1	825	633	942	800	19.46	cps
Titanium	47-1	342	367	367	358	4.03	cps
Uranium	238-1	2100	2284	2242	2209	4.35	cps
Vanadium	51-2	20	17	7	14	48.02	cps
Yttrium	89-1	18092086	18125809	17967316	18061737	0.46	cps
Yttrium	89-2	2679535	2685472	2607992	2657667	1.62	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:16:52	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197	240	220	219	9.91	cps
Zirconium	90-1	567	617	650	611	6.86	cps
Zirconium	91-1	142	125	158	142	11.76	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4338361	4363994	4324317	4342224	0.46	cps
Antimony	121-1	6510	6894	6827	6744	3.04	cps
Arsenic	75-2	69	61	50	60	15.57	cps
Barium	135-1	2192	2367	2017	2192	7.99	cps
Barium	137-1	3809	3959	3801	3856	2.31	cps
Beryllium	9-1	450	457	503	470	6.18	cps
Bismuth	209-1	6021199	6111768	6101523	6078163	0.82	cps
Bismuth	209-2	3820859	3862489	3858656	3847335	0.60	cps
Boron	10-1	2459	2450	2367	2425	2.09	cps
Boron	11-1	11146	11338	10946	11143	1.76	cps
Cadmium	111-1	4236	4511	4433	4393	3.22	cps
Cadmium	106-1	5051	5410	5318	5260	3.54	cps
Cadmium	108-1	1404	1329	1383	1372	2.82	cps
Calcium	43-1	1654964	1657215	1657413	1656531	0.08	cps
Calcium	44-1	27287593	27301499	27395880	27328324	0.22	cps
Chromium	52-2	27659	27840	27793	27764	0.34	cps
Cobalt	59-2	2917	2900	2880	2899	0.63	cps
Copper	63-2	12863	12842	12916	12874	0.29	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	47	37	20	34	39.11	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	57	57	80	64	20.90	cps
Gadolinium	160-1	67	50	108	75	40.06	cps
Gadolinium	160-2	173	193	167	178	7.81	cps
Holmium	165-1	9902305	10103559	10057640	10021168	1.05	cps
Holmium	165-2	5414382	5439213	5454541	5436045	0.37	cps
Indium	115-1	7138214	7257101	7241962	7212426	0.90	cps
Indium	115-2	1466506	1470901	1473842	1470416	0.25	cps
Iron	56-2	123004722	122732375	121173244	122303447	0.81	cps
Iron	57-2	3023346	3025056	3009202	3019201	0.29	cps
Krypton	83-1	157	167	157	160	3.61	cps
Lead	206-1	26154	26488	25419	26020	2.10	cps
Lead	207-1	19465	19559	20422	19815	2.66	cps
Lead	208-1	93857	94871	95835	94854	1.04	cps
Lithium	6-1	2501806	2519089	2529427	2516774	0.55	cps
Magnesium	24-2	10860617	10776246	10700837	10779233	0.74	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6882	7195	6978	7018	2.29	cps
Molybdenum	94-1	2921228	2920416	2961877	2934507	0.81	cps
Molybdenum	95-1	5172087	5145402	5210458	5175982	0.63	cps
Molybdenum	96-1	5643737	5656549	5707693	5669326	0.60	cps
Molybdenum	97-1	3232626	3236442	3249672	3239580	0.28	cps
Molybdenum	98-1	8526664	8612074	8618218	8585652	0.60	cps
Neodymium	150-1	20	33	53	36	47.20	cps
Neodymium	150-2	23	10	33	22	52.68	cps
Nickel	60-2	3320	3264	3237	3274	1.30	cps
Phosphorus	31-2	252607	246366	248916	249296	1.26	cps
Potassium	39-2	10317108	10333014	10292040	10314054	0.20	cps
Rhodium	103-1	5902980	5988026	5968178	5953061	0.75	cps
Rhodium	103-2	2854789	2871669	2876843	2867767	0.40	cps
Scandium	45-1	4070734	4093276	4096878	4086963	0.35	cps
Scandium	45-2	162649	161647	162348	162214	0.32	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	37	43	37	39	8.24	cps
Selenium	82-1	119	117	91	109	14.02	cps
Silicon	28-1	153968	153942	153951	153954	0.01	cps
Silver	109-1	433	367	292	364	19.48	cps
Silver	107-1	400	467	367	411	12.39	cps
Sodium	23-2	20347644	20282910	20164784	20265113	0.46	cps
Strontium	86-1	59825	61315	63508	61549	3.01	cps
Strontium	88-1	536985	546586	546382	543318	1.01	cps
Sulfur	34-1	3186750	3173114	3204963	3188276	0.50	cps
Terbium	159-1	10112223	10195628	10206791	10171547	0.51	cps
Terbium	159-2	5259693	5288053	5261380	5269709	0.30	cps
Thallium	203-1	1308	1392	1358	1353	3.10	cps
Thallium	205-1	2234	2709	2592	2511	9.86	cps
Thorium	232-1	2595	2567	2756	2639	3.87	cps
Tin	118-1	1508	1550	1784	1614	9.18	cps
Titanium	47-1	1426282	1431901	1441678	1433287	0.54	cps
Uranium	238-1	2734	2675	2609	2673	2.34	cps
Vanadium	51-2	170	233	147	183	24.46	cps
Yttrium	89-1	17271721	17460215	17517497	17416477	0.74	cps
Yttrium	89-2	2469594	2469332	2476691	2471872	0.17	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:20:29	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3264	3284	3494	3347	3.81	cps
Zirconium	90-1	1017	933	942	964	4.76	cps
Zirconium	91-1	142	167	192	167	15.00	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4469228	4416172	4432245	4439215	0.61	cps
Antimony	121-1	118489	117883	120479	118951	1.14	cps
Arsenic	75-2	3434	3450	3323	3402	2.04	cps
Barium	135-1	31921	33007	32439	32456	1.67	cps
Barium	137-1	56709	56692	56733	56711	0.04	cps
Beryllium	9-1	26530	26463	26590	26528	0.24	cps
Bismuth	209-1	6143159	6726709	6148032	6339300	5.29	cps
Bismuth	209-2	3900784	3908532	3904738	3904684	0.10	cps
Boron	10-1	13932	13865	13557	13785	1.45	cps
Boron	11-1	61961	62397	62095	62151	0.36	cps
Cadmium	111-1	36371	36668	35978	36339	0.95	cps
Cadmium	106-1	9737	10855	9804	10132	6.19	cps
Cadmium	108-1	4088	3796	3892	3926	3.79	cps
Calcium	43-1	1673467	1653255	1690914	1672545	1.13	cps
Calcium	44-1	27586554	27400069	27943382	27643335	1.00	cps
Chromium	52-2	55768	56622	56628	56339	0.88	cps
Cobalt	59-2	49146	49520	49838	49501	0.70	cps
Copper	63-2	45761	46607	45407	45925	1.34	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	23	37	43	34	29.57	cps
Erbium	164-1	117	75	67	86	31.11	cps
Erbium	164-2	50	60	47	52	13.28	cps
Gadolinium	160-1	50	92	108	83	36.06	cps
Gadolinium	160-2	170	190	197	186	7.48	cps
Holmium	165-1	9900351	10912378	10193585	10335438	5.04	cps
Holmium	165-2	5518186	5514579	5535707	5522824	0.20	cps
Indium	115-1	7158346	7969094	7335707	7487716	5.69	cps
Indium	115-2	1500250	1495823	1493038	1496370	0.24	cps
Iron	56-2	124459317	125046814	125085453	124863861	0.28	cps
Iron	57-2	3071640	3083936	3089113	3081563	0.29	cps
Krypton	83-1	197	170	137	168	17.92	cps
Lead	206-1	132852	130007	133815	132225	1.50	cps
Lead	207-1	110405	108831	109660	109632	0.72	cps
Lead	208-1	507059	497817	509444	504773	1.22	cps
Lithium	6-1	2476408	2655702	2535803	2555971	3.57	cps
Magnesium	24-2	10951381	10930985	10861348	10914571	0.43	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25329	25562	24824	25239	1.49	cps
Molybdenum	94-1	3244130	3215398	3265781	3241770	0.78	cps
Molybdenum	95-1	5493587	5464818	5588499	5515635	1.17	cps
Molybdenum	96-1	5946661	5880818	5982633	5936704	0.87	cps
Molybdenum	97-1	3368629	3327090	3387330	3361016	0.92	cps
Molybdenum	98-1	8897274	8825346	8993500	8905374	0.95	cps
Neodymium	150-1	47	40	53	47	14.29	cps
Neodymium	150-2	13	40	17	23	62.27	cps
Nickel	60-2	15442	15045	15422	15303	1.46	cps
Phosphorus	31-2	253898	254521	249795	252738	1.02	cps
Potassium	39-2	10513704	10560696	10424813	10499737	0.66	cps
Rhodium	103-1	5907499	6538026	6078813	6174779	5.28	cps
Rhodium	103-2	2905348	2919460	2915095	2913301	0.25	cps
Scandium	45-1	4108929	4552908	4131765	4264534	5.86	cps
Scandium	45-2	164215	166470	164923	165203	0.70	cps
Selenium	77-2	103	107	100	103	3.23	cps
Selenium	78-2	365	359	394	373	5.07	cps
Selenium	82-1	2333	2289	2366	2330	1.65	cps
Silicon	28-1	358438	354658	359545	357547	0.72	cps
Silver	109-1	132212	131245	133459	132305	0.84	cps
Silver	107-1	139052	137158	138756	138322	0.74	cps
Sodium	23-2	20476624	20584598	20496322	20519181	0.28	cps
Strontium	86-1	188318	188362	189655	188778	0.40	cps
Strontium	88-1	1641847	1630474	1640318	1637546	0.38	cps
Sulfur	34-1	3174814	3188067	3212118	3191666	0.59	cps
Terbium	159-1	10072132	11081079	10379922	10511044	4.92	cps
Terbium	159-2	5307333	5341253	5334467	5327684	0.34	cps
Thallium	203-1	131260	130148	132217	131208	0.79	cps
Thallium	205-1	316539	314744	313522	314935	0.48	cps
Thorium	232-1	3601	3489	3484	3525	1.87	cps
Tin	118-1	285649	288363	291207	288406	0.96	cps
Titanium	47-1	1476973	1474020	1490585	1480526	0.60	cps
Uranium	238-1	1196154	1175684	1202663	1191500	1.18	cps
Vanadium	51-2	22851	22774	22360	22662	1.16	cps
Yttrium	89-1	17245128	19193707	17667791	18035542	5.68	cps
Yttrium	89-2	2522148	2524939	2509575	2518887	0.32	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:24:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8879	8746	8553	8726	1.88	cps
Zirconium	90-1	539804	540907	538899	539870	0.19	cps
Zirconium	91-1	120042	117890	119445	119126	0.93	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2616598	2625286	2619533	2620473	0.17	cps
Antimony	121-1	2871862	2867616	2887700	2875726	0.37	cps
Arsenic	75-2	94120	93047	93246	93471	0.61	cps
Barium	135-1	3859255	3856486	3855026	3856922	0.06	cps
Barium	137-1	6879922	6857694	6935340	6890985	0.58	cps
Beryllium	9-1	663879	665467	670571	666639	0.52	cps
Bismuth	209-1	6062571	6090266	6068865	6073901	0.24	cps
Bismuth	209-2	3845367	3860374	3865336	3857026	0.27	cps
Boron	10-1	98537	100148	101708	100131	1.58	cps
Boron	11-1	452792	458371	461881	457681	1.00	cps
Cadmium	111-1	893147	888297	910121	897189	1.28	cps
Cadmium	106-1	103418	101109	103913	102813	1.46	cps
Cadmium	108-1	65526	67497	66509	66511	1.48	cps
Calcium	43-1	4264247	4314459	4348976	4309227	0.99	cps
Calcium	44-1	70883764	71435104	72017654	71445507	0.79	cps
Chromium	52-2	756772	758970	755769	757170	0.22	cps
Cobalt	59-2	1221973	1238287	1231863	1230708	0.67	cps
Copper	63-2	1878382	1880279	1879395	1879352	0.05	cps
Dysprosium	156-1	125	67	100	97	30.10	cps
Dysprosium	156-2	143	133	117	131	10.28	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	63	73	63	67	8.66	cps
Gadolinium	160-1	117	67	58	81	39.16	cps
Gadolinium	160-2	117	207	203	176	29.07	cps
Holmium	165-1	10255493	10362274	10473357	10363708	1.05	cps
Holmium	165-2	5621994	5619829	5631931	5624584	0.11	cps
Indium	115-1	7351090	7405827	7449943	7402287	0.67	cps
Indium	115-2	1515216	1525854	1518291	1519787	0.36	cps
Iron	56-2	166454915	166895409	165923726	166424683	0.29	cps
Iron	57-2	4089197	4115756	4109946	4104966	0.34	cps
Krypton	83-1	163	183	147	164	11.16	cps
Lead	206-1	2623788	2622706	2630530	2625675	0.16	cps
Lead	207-1	2274741	2290969	2294478	2286729	0.46	cps
Lead	208-1	10367371	10442397	10413569	10407779	0.36	cps
Lithium	6-1	2524389	2549743	2558859	2544330	0.70	cps
Magnesium	24-2	28656235	28788743	28626032	28690337	0.30	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	965760	967008	968164	966977	0.12	cps
Molybdenum	94-1	6223218	6235150	6280514	6246294	0.48	cps
Molybdenum	95-1	7672687	7682462	7751375	7702175	0.56	cps
Molybdenum	96-1	8530144	8552609	8646131	8576295	0.72	cps
Molybdenum	97-1	4676540	4710851	4730918	4706103	0.58	cps
Molybdenum	98-1	12353946	12508611	12605805	12489454	1.02	cps
Neodymium	150-1	393	433	447	424	6.54	cps
Neodymium	150-2	73	53	47	58	24.02	cps
Nickel	60-2	312539	315003	312818	313453	0.43	cps
Phosphorus	31-2	27050	26691	27986	27242	2.45	cps
Potassium	39-2	14099940	14109422	14068035	14092466	0.15	cps
Rhodium	103-1	6042297	6082473	6114709	6079826	0.60	cps
Rhodium	103-2	2923829	2940195	2932077	2932034	0.28	cps
Scandium	45-1	4229972	4273745	4280151	4261289	0.64	cps
Scandium	45-2	173933	174369	174922	174408	0.28	cps
Selenium	77-2	2847	2670	2797	2771	3.29	cps
Selenium	78-2	9149	9242	9101	9164	0.78	cps
Selenium	82-1	60049	60289	59995	60111	0.26	cps
Silicon	28-1	2017593	2054490	2087249	2053111	1.70	cps
Silver	109-1	3724492	3748326	3768864	3747228	0.59	cps
Silver	107-1	3906508	3881441	3947389	3911780	0.85	cps
Sodium	23-2	53106115	53028229	53210407	53114917	0.17	cps
Strontium	86-1	949573	960815	965118	958502	0.84	cps
Strontium	88-1	8542229	8611670	8679797	8611232	0.80	cps
Sulfur	34-1	479725	490488	492754	487656	1.43	cps
Terbium	159-1	10461402	10608972	10563569	10544648	0.72	cps
Terbium	159-2	5464204	5463195	5462365	5463255	0.02	cps
Thallium	203-1	3257594	3237282	3281890	3258922	0.69	cps
Thallium	205-1	8001798	8018521	8043687	8021335	0.26	cps
Thorium	232-1	11388314	11443574	11458697	11430195	0.32	cps
Tin	118-1	2534539	2564817	2564632	2554663	0.68	cps
Titanium	47-1	1891814	1904243	1908882	1901646	0.46	cps
Uranium	238-1	10814525	10852359	10794168	10820351	0.27	cps
Vanadium	51-2	610000	609809	611159	610323	0.12	cps
Yttrium	89-1	18072555	18229080	18305212	18202282	0.65	cps
Yttrium	89-2	2616980	2619501	2606163	2614215	0.27	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:27:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	346652	348350	347282	347428	0.25	cps
Zirconium	90-1	4932170	4971008	4949536	4950904	0.39	cps
Zirconium	91-1	1099142	1103319	1104267	1102242	0.25	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	242	208	244	15.37	cps
Antimony	121-1	3684	3684	3759	3709	1.17	cps
Arsenic	75-2	26	13	17	19	36.07	cps
Barium	135-1	1025	658	667	783	26.72	cps
Barium	137-1	1684	1317	1033	1345	24.24	cps
Beryllium	9-1	310	243	203	252	21.36	cps
Bismuth	209-1	6778600	6827046	6933062	6846236	1.15	cps
Bismuth	209-2	4245433	4238537	4178163	4220711	0.88	cps
Boron	10-1	4359	4176	4534	4356	4.11	cps
Boron	11-1	22017	21616	19739	21124	5.76	cps
Cadmium	111-1	4568	4375	4429	4457	2.24	cps
Cadmium	106-1	6085	5960	6026	6024	1.04	cps
Cadmium	108-1	29	38	21	29	28.58	cps
Calcium	43-1	1092	975	700	922	21.81	cps
Calcium	44-1	23346	18822	16286	19485	18.35	cps
Chromium	52-2	367	380	367	371	2.07	cps
Cobalt	59-2	137	100	77	104	28.96	cps
Copper	63-2	967	900	830	899	7.60	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	92	42	50	61	43.83	cps
Erbium	164-2	63	63	50	59	13.07	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	193	193	220	202	7.61	cps
Holmium	165-1	10229246	10361894	10514566	10368569	1.38	cps
Holmium	165-2	5599311	5595866	5587038	5594072	0.11	cps
Indium	115-1	7965947	8054043	8222674	8080888	1.61	cps
Indium	115-2	1637310	1643085	1627601	1635999	0.48	cps
Iron	56-2	19441	17411	15497	17450	11.30	cps
Iron	57-2	478	533	367	459	18.48	cps
Krypton	83-1	207	173	160	180	13.35	cps
Lead	206-1	1972	1756	1517	1748	13.04	cps
Lead	207-1	1817	1556	1500	1624	10.41	cps
Lead	208-1	7351	6401	6162	6638	9.48	cps
Lithium	6-1	2646938	2677844	2716733	2680505	1.30	cps
Magnesium	24-2	2334	1825	1675	1945	17.75	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	110	80	94	15.91	cps
Molybdenum	94-1	2984	2225	2059	2423	20.36	cps
Molybdenum	95-1	3634	2959	2534	3042	18.24	cps
Molybdenum	96-1	3942	3351	2975	3423	14.24	cps
Molybdenum	97-1	2009	1967	1542	1839	14.04	cps
Molybdenum	98-1	5785	4309	4001	4698	20.30	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	70	63	87	73	16.39	cps
Phosphorus	31-2	42	33	83	53	50.76	cps
Potassium	39-2	11296	11163	11338	11266	0.81	cps
Rhodium	103-1	6872630	6941132	7115904	6976555	1.80	cps
Rhodium	103-2	3297882	3327533	3283646	3303020	0.68	cps
Scandium	45-1	4483335	4626925	4717707	4609323	2.56	cps
Scandium	45-2	180558	180001	177954	179505	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	41	50	48	13.87	cps
Selenium	82-1	97	140	156	131	23.30	cps
Silicon	28-1	96586	95429	93902	95306	1.41	cps
Silver	109-1	1492	1033	1058	1195	21.58	cps
Silver	107-1	1433	1075	975	1161	20.76	cps
Sodium	23-2	16576	16034	15684	16098	2.79	cps
Strontium	86-1	500	492	500	497	0.97	cps
Strontium	88-1	2184	1584	1200	1656	29.94	cps
Sulfur	34-1	168754	172581	170902	170746	1.12	cps
Terbium	159-1	10553533	10628424	10760348	10647435	0.98	cps
Terbium	159-2	5496191	5475586	5441661	5471146	0.50	cps
Thallium	203-1	2200	2100	1867	2056	8.32	cps
Thallium	205-1	5118	4418	3676	4404	16.38	cps
Thorium	232-1	5707	5162	5057	5309	6.57	cps
Tin	118-1	2284	1750	2092	2042	13.23	cps
Titanium	47-1	592	508	442	514	14.63	cps
Uranium	238-1	4684	4243	3676	4201	12.04	cps
Vanadium	51-2	33	50	43	42	19.87	cps
Yttrium	89-1	18896837	19178263	19454734	19176611	1.45	cps
Yttrium	89-2	2699526	2716060	2677898	2697828	0.71	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:31:19	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227	197	253	226	12.57	cps
Zirconium	90-1	2134	1742	1942	1939	10.10	cps
Zirconium	91-1	642	408	358	469	32.22	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1250	1033	1186	11.20	cps
Antimony	121-1	12890	12614	13557	13020	3.72	cps
Arsenic	75-2	213	181	196	197	8.00	cps
Barium	135-1	15334	15860	16419	15871	3.42	cps
Barium	137-1	27729	27979	28146	27951	0.75	cps
Beryllium	9-1	1573	1547	1547	1556	0.99	cps
Bismuth	209-1	6684200	6792893	6859376	6778823	1.30	cps
Bismuth	209-2	4270827	4262488	4252765	4262026	0.21	cps
Boron	10-1	7761	7627	7777	7722	1.07	cps
Boron	11-1	34457	36403	35518	35459	2.75	cps
Cadmium	111-1	5833	6276	6218	6109	3.94	cps
Cadmium	106-1	6001	6210	6443	6218	3.56	cps
Cadmium	108-1	121	125	179	142	22.97	cps
Calcium	43-1	9120	9829	9654	9534	3.87	cps
Calcium	44-1	157142	160403	163614	160386	2.02	cps
Chromium	52-2	3500	3414	3467	3460	1.26	cps
Cobalt	59-2	2690	2757	2634	2694	2.29	cps
Copper	63-2	4534	4481	4314	4443	2.58	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	58	33	75	56	37.75	cps
Erbium	164-2	30	70	73	58	41.73	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	250	187	180	206	18.80	cps
Holmium	165-1	10187720	10307827	10513543	10336363	1.59	cps
Holmium	165-2	5747643	5719232	5716758	5727877	0.30	cps
Indium	115-1	8052674	8082206	8249250	8128043	1.30	cps
Indium	115-2	1688305	1684447	1688717	1687157	0.14	cps
Iron	56-2	80822	79989	79732	80181	0.71	cps
Iron	57-2	2356	2189	2000	2182	8.16	cps
Krypton	83-1	167	167	160	164	2.34	cps
Lead	206-1	6329	6252	6424	6335	1.36	cps
Lead	207-1	5640	5940	5879	5820	2.73	cps
Lead	208-1	25049	25265	25371	25228	0.65	cps
Lithium	6-1	2652925	2674566	2731257	2686249	1.51	cps
Magnesium	24-2	63075	61335	63468	62626	1.81	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1120	1053	1137	1103	4.00	cps
Molybdenum	94-1	12523	13098	12814	12812	2.25	cps
Molybdenum	95-1	16026	16110	16677	16271	2.18	cps
Molybdenum	96-1	17002	17595	18271	17623	3.60	cps
Molybdenum	97-1	9712	10529	10179	10140	4.04	cps
Molybdenum	98-1	25332	25791	25557	25560	0.90	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	817	827	813	819	0.85	cps
Phosphorus	31-2	258	175	225	219	19.11	cps
Potassium	39-2	70283	70342	71405	70677	0.89	cps
Rhodium	103-1	6997831	7049881	7156801	7068171	1.15	cps
Rhodium	103-2	3407362	3401471	3401177	3403337	0.10	cps
Scandium	45-1	4556777	4728449	4808515	4697913	2.74	cps
Scandium	45-2	185967	185056	184051	185025	0.52	cps
Selenium	77-2	67	27	43	46	44.10	cps
Selenium	78-2	133	146	135	138	5.07	cps
Selenium	82-1	804	868	850	841	3.94	cps
Silicon	28-1	125658	128019	129679	127785	1.58	cps
Silver	109-1	8169	8194	8453	8272	1.90	cps
Silver	107-1	8945	9412	8470	8942	5.27	cps
Sodium	23-2	122245	122682	121043	121990	0.70	cps
Strontium	86-1	2184	2042	2442	2222	9.13	cps
Strontium	88-1	17445	17520	17837	17600	1.18	cps
Sulfur	34-1	180523	180421	184521	181821	1.29	cps
Terbium	159-1	10541725	10678880	10807433	10676013	1.24	cps
Terbium	159-2	5559945	5592297	5592878	5581706	0.34	cps
Thallium	203-1	8120	7452	7553	7708	4.67	cps
Thallium	205-1	17838	17120	17729	17562	2.20	cps
Thorium	232-1	23216	23427	23221	23288	0.52	cps
Tin	118-1	27820	28329	29833	28661	3.65	cps
Titanium	47-1	4217	4151	4509	4292	4.44	cps
Uranium	238-1	21210	22178	22053	21814	2.41	cps
Vanadium	51-2	6682	6605	6782	6689	1.32	cps
Yttrium	89-1	19290265	19437324	19749411	19492333	1.20	cps
Yttrium	89-2	2802846	2779848	2792498	2791730	0.41	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:34:55	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1110	1073	1110	1098	1.93	cps
Zirconium	90-1	10413	10171	10946	10510	3.78	cps
Zirconium	91-1	2184	2434	2334	2317	5.43	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	17	25	33.32	cps
Antimony	121-1	525	475	642	547	15.63	cps
Arsenic	75-2	6	7	9	7	24.97	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	17	42	33	31	41.66	cps
Beryllium	9-1	103	100	80	94	13.36	cps
Bismuth	209-1	6575989	6615136	6594071	6595065	0.30	cps
Bismuth	209-2	4233069	4233456	4217000	4227842	0.22	cps
Boron	10-1	2075	1942	2092	2036	4.04	cps
Boron	11-1	10279	9937	8845	9687	7.73	cps
Cadmium	111-1	4583	4398	4171	4384	4.71	cps
Cadmium	106-1	6477	6218	5943	6213	4.30	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Calcium	43-1	25	100	33	53	77.88	cps
Calcium	44-1	6486	6244	6420	6383	1.96	cps
Chromium	52-2	270	267	290	276	4.58	cps
Cobalt	59-2	20	30	27	26	19.92	cps
Copper	63-2	587	633	617	612	3.86	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	23	7	13	14	58.06	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	53	43	60	52	16.07	cps
Gadolinium	160-1	33	17	58	36	58.08	cps
Gadolinium	160-2	163	167	163	164	1.17	cps
Holmium	165-1	10152855	10103601	10240692	10165716	0.68	cps
Holmium	165-2	5641986	5664430	5639923	5648779	0.24	cps
Indium	115-1	7925125	7973521	8014108	7970918	0.56	cps
Indium	115-2	1671288	1665657	1671839	1669595	0.20	cps
Iron	56-2	2539	2711	2311	2521	7.96	cps
Iron	57-2	133	133	117	128	7.53	cps
Krypton	83-1	187	200	150	179	14.47	cps
Lead	206-1	1106	1045	983	1045	5.85	cps
Lead	207-1	945	972	978	965	1.85	cps
Lead	208-1	3650	3834	3634	3706	3.00	cps
Lithium	6-1	2651072	2654955	2666583	2657537	0.30	cps
Magnesium	24-2	167	117	133	139	18.33	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	20	17	16	32.73	cps
Molybdenum	94-1	433	500	417	450	9.80	cps
Molybdenum	95-1	300	350	342	331	8.10	cps
Molybdenum	96-1	417	408	492	439	10.46	cps
Molybdenum	97-1	183	158	167	169	7.51	cps
Molybdenum	98-1	475	533	450	486	8.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	63	27	60	50	40.55	cps
Phosphorus	31-2	58	75	42	58	28.57	cps
Potassium	39-2	10304	9995	10229	10176	1.58	cps
Rhodium	103-1	7006126	6986713	6968622	6987154	0.27	cps
Rhodium	103-2	3377162	3381095	3398521	3385593	0.34	cps
Scandium	45-1	4628325	4527630	4529649	4561868	1.26	cps
Scandium	45-2	184256	187021	184425	185234	0.84	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	35	43	34	27.46	cps
Selenium	82-1	111	75	134	107	27.69	cps
Silicon	28-1	89677	92091	91990	91253	1.50	cps
Silver	109-1	158	158	142	153	6.30	cps
Silver	107-1	283	225	267	258	11.63	cps
Sodium	23-2	8594	8569	7977	8380	4.17	cps
Strontium	86-1	267	350	292	303	14.12	cps
Strontium	88-1	50	50	50	50	0.00	cps
Sulfur	34-1	185322	183863	186512	185232	0.72	cps
Terbium	159-1	10392713	10440210	10439354	10424092	0.26	cps
Terbium	159-2	5511323	5507199	5477600	5498707	0.33	cps
Thallium	203-1	850	783	700	778	9.66	cps
Thallium	205-1	1525	1350	1483	1453	6.29	cps
Thorium	232-1	2361	2461	2373	2398	2.29	cps
Tin	118-1	967	833	942	914	7.76	cps
Titanium	47-1	67	58	92	72	24.02	cps
Uranium	238-1	2275	2250	2042	2189	5.85	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	19130808	19161281	19346489	19212860	0.61	cps
Yttrium	89-2	2764608	2780967	2759830	2768469	0.40	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BL	Instrumnet Name :	P7
Client Sample ID :	PBS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:38:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	253	213	190	219	14.63	cps
Zirconium	90-1	817	717	867	800	9.55	cps
Zirconium	91-1	175	175	100	150	28.87	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292	2125	2167	2195	3.95	cps
Antimony	121-1	23537	22828	23579	23314	1.81	cps
Arsenic	75-2	406	409	409	408	0.52	cps
Barium	135-1	30760	32021	31177	31320	2.05	cps
Barium	137-1	54064	54993	55085	54714	1.03	cps
Beryllium	9-1	2924	2960	2927	2937	0.69	cps
Bismuth	209-1	6568084	6532796	6561201	6554027	0.29	cps
Bismuth	209-2	4090714	4068832	4012551	4057366	0.99	cps
Boron	10-1	11238	11205	11238	11227	0.17	cps
Boron	11-1	51238	52417	53403	52353	2.07	cps
Cadmium	111-1	7915	7650	7818	7794	1.72	cps
Cadmium	106-1	6677	6410	6435	6507	2.26	cps
Cadmium	108-1	288	279	208	258	16.84	cps
Calcium	43-1	18329	19197	18404	18643	2.58	cps
Calcium	44-1	305792	308305	308820	307639	0.53	cps
Chromium	52-2	6818	6545	6612	6658	2.14	cps
Cobalt	59-2	5504	5388	5274	5389	2.14	cps
Copper	63-2	8009	8132	8206	8116	1.23	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	33	37	13	28	45.44	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	40	63	53	52	22.41	cps
Gadolinium	160-1	100	17	33	50	88.20	cps
Gadolinium	160-2	187	197	190	191	2.66	cps
Holmium	165-1	10174147	10077844	10118613	10123535	0.48	cps
Holmium	165-2	5546598	5538027	5429636	5504753	1.18	cps
Indium	115-1	8056449	8032762	8020982	8036731	0.22	cps
Indium	115-2	1652680	1644186	1608867	1635244	1.42	cps
Iron	56-2	594852	593019	594404	594091	0.16	cps
Iron	57-2	14825	14858	15153	14945	1.21	cps
Krypton	83-1	150	160	190	167	12.49	cps
Lead	206-1	11110	10816	11277	11068	2.11	cps
Lead	207-1	9604	9598	10104	9769	2.97	cps
Lead	208-1	43996	43034	44218	43749	1.44	cps
Lithium	6-1	2680099	2672607	2675507	2676071	0.14	cps
Magnesium	24-2	123422	123589	122682	123231	0.39	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2160	2137	2074	2124	2.11	cps
Molybdenum	94-1	24939	24330	24280	24516	1.50	cps
Molybdenum	95-1	31168	30834	31152	31051	0.61	cps
Molybdenum	96-1	33248	33515	32914	33226	0.91	cps
Molybdenum	97-1	19055	19047	18321	18808	2.24	cps
Molybdenum	98-1	49145	48901	49111	49052	0.27	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	1563	1603	1630	1599	2.10	cps
Phosphorus	31-2	383	450	425	419	8.03	cps
Potassium	39-2	126443	126838	128688	127323	0.94	cps
Rhodium	103-1	7043646	7026764	7027086	7032499	0.14	cps
Rhodium	103-2	3338178	3337614	3271229	3315674	1.16	cps
Scandium	45-1	4693840	4717211	4685957	4699003	0.35	cps
Scandium	45-2	185491	181530	180377	182466	1.47	cps
Selenium	77-2	57	50	33	47	25.76	cps
Selenium	78-2	267	246	309	274	11.72	cps
Selenium	82-1	1583	1661	1498	1581	5.17	cps
Silicon	28-1	161767	164519	164630	163639	0.99	cps
Silver	109-1	17128	16410	16752	16763	2.14	cps
Silver	107-1	17695	16777	17920	17464	3.47	cps
Sodium	23-2	228843	226518	228634	227998	0.56	cps
Strontium	86-1	4151	4601	4026	4259	7.10	cps
Strontium	88-1	35269	35077	34192	34846	1.65	cps
Sulfur	34-1	193001	194631	194791	194141	0.51	cps
Terbium	159-1	10447625	10483408	10383485	10438172	0.49	cps
Terbium	159-2	5401595	5413206	5321872	5378891	0.92	cps
Thallium	203-1	13399	13466	13566	13477	0.62	cps
Thallium	205-1	31196	31121	31664	31327	0.94	cps
Thorium	232-1	40414	40040	40809	40421	0.95	cps
Tin	118-1	54841	55527	54214	54861	1.20	cps
Titanium	47-1	8169	8253	8186	8203	0.54	cps
Uranium	238-1	40448	39244	39228	39640	1.77	cps
Vanadium	51-2	13250	13159	13893	13434	2.98	cps
Yttrium	89-1	19285361	19317425	19317456	19306747	0.10	cps
Yttrium	89-2	2743820	2727626	2689553	2720333	1.02	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122259BS	Instrumnet Name :	P7
Client Sample ID :	LCS259	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:42:07	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1603	1597	1523	1575	2.82	cps
Zirconium	90-1	19205	19823	19188	19405	1.86	cps
Zirconium	91-1	4326	4276	4409	4337	1.55	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	42	22	78.07	cps
Antimony	121-1	233	267	342	281	19.78	cps
Arsenic	75-2	4	0	11	5	114.60	cps
Barium	135-1	8	33	0	14	124.91	cps
Barium	137-1	50	42	50	47	10.18	cps
Beryllium	9-1	93	53	83	77	27.16	cps
Bismuth	209-1	6522413	6574756	6234164	6443778	2.85	cps
Bismuth	209-2	4380662	4205178	4047403	4211081	3.96	cps
Boron	10-1	1567	1592	1342	1500	9.18	cps
Boron	11-1	7736	7861	7469	7688	2.60	cps
Cadmium	111-1	4310	4327	4325	4321	0.22	cps
Cadmium	106-1	6110	6168	6143	6140	0.48	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	42	108	58	69	49.96	cps
Calcium	44-1	7445	6745	6870	7020	5.32	cps
Chromium	52-2	243	267	217	242	10.33	cps
Cobalt	59-2	40	53	13	36	57.29	cps
Copper	63-2	550	510	490	517	5.91	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	63	50	57	57	11.76	cps
Gadolinium	160-1	33	25	67	42	52.92	cps
Gadolinium	160-2	167	180	200	182	9.21	cps
Holmium	165-1	10041945	10044160	10180629	10088911	0.79	cps
Holmium	165-2	5904453	5663048	5425181	5664228	4.23	cps
Indium	115-1	7967263	8035911	8084355	8029176	0.73	cps
Indium	115-2	1756712	1693821	1626105	1692212	3.86	cps
Iron	56-2	2556	2306	2322	2395	5.84	cps
Iron	57-2	133	161	106	133	20.83	cps
Krypton	83-1	143	157	177	159	10.56	cps
Lead	206-1	895	872	728	832	10.88	cps
Lead	207-1	806	789	750	782	3.65	cps
Lead	208-1	3006	2961	2745	2904	4.81	cps
Lithium	6-1	2678105	2703767	2691140	2691004	0.48	cps
Magnesium	24-2	100	142	192	144	31.77	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	20	27	21.65	cps
Molybdenum	94-1	208	342	383	311	29.38	cps
Molybdenum	95-1	167	192	158	172	10.07	cps
Molybdenum	96-1	200	225	233	219	7.90	cps
Molybdenum	97-1	75	133	58	89	44.30	cps
Molybdenum	98-1	283	283	275	281	1.72	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	53	33	50	46	23.52	cps
Phosphorus	31-2	42	42	50	44	10.82	cps
Potassium	39-2	10679	10321	10588	10529	1.77	cps
Rhodium	103-1	7011231	7051702	7130458	7064463	0.86	cps
Rhodium	103-2	3578495	3418707	3297850	3431684	4.10	cps
Scandium	45-1	4724180	4728885	4745211	4732759	0.23	cps
Scandium	45-2	197711	188549	181581	189280	4.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	43	50	52	21.57	cps
Selenium	82-1	152	135	141	142	6.08	cps
Silicon	28-1	91688	90406	93475	91856	1.68	cps
Silver	109-1	125	108	108	114	8.45	cps
Silver	107-1	200	183	225	203	10.34	cps
Sodium	23-2	6143	6293	6427	6288	2.25	cps
Strontium	86-1	317	317	242	292	14.85	cps
Strontium	88-1	75	92	108	92	18.18	cps
Sulfur	34-1	196496	195718	197340	196518	0.41	cps
Terbium	159-1	10404287	10430903	10415312	10416834	0.13	cps
Terbium	159-2	5748521	5530197	5330122	5536280	3.78	cps
Thallium	203-1	558	708	642	636	11.81	cps
Thallium	205-1	1075	1017	1200	1097	8.54	cps
Thorium	232-1	2117	2078	2178	2124	2.37	cps
Tin	118-1	792	850	633	758	14.79	cps
Titanium	47-1	100	67	75	81	21.54	cps
Uranium	238-1	2200	2159	2334	2231	4.10	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	19376141	19439592	19386455	19400729	0.18	cps
Yttrium	89-2	2946650	2806101	2704097	2818949	4.32	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BL	Instrumnet Name :	P7
Client Sample ID :	PBS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:45:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	180	167	167	171	4.50	cps
Zirconium	90-1	708	858	900	822	12.26	cps
Zirconium	91-1	242	167	167	192	22.59	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292	2084	2234	2203	4.88	cps
Antimony	121-1	23587	23487	22936	23337	1.50	cps
Arsenic	75-2	393	402	400	398	1.23	cps
Barium	135-1	32372	32664	31320	32119	2.20	cps
Barium	137-1	54633	55939	55571	55381	1.22	cps
Beryllium	9-1	3017	3124	3087	3076	1.76	cps
Bismuth	209-1	6585547	6543033	6571760	6566780	0.33	cps
Bismuth	209-2	4234543	4221281	4190286	4215370	0.54	cps
Boron	10-1	11788	11346	11155	11430	2.84	cps
Boron	11-1	51539	52434	54031	52668	2.40	cps
Cadmium	111-1	7731	8280	7845	7952	3.64	cps
Cadmium	106-1	6660	6902	6577	6713	2.52	cps
Cadmium	108-1	354	313	317	328	7.00	cps
Calcium	43-1	18879	19121	18103	18701	2.84	cps
Calcium	44-1	316572	312520	313402	314165	0.68	cps
Chromium	52-2	6948	6902	6988	6946	0.62	cps
Cobalt	59-2	5628	5598	5808	5678	2.00	cps
Copper	63-2	8326	8326	8509	8387	1.26	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	27	13	10	17	52.93	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	30	40	30	33	17.32	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	220	167	200	196	13.78	cps
Holmium	165-1	10170188	10153830	10225641	10183220	0.37	cps
Holmium	165-2	5705011	5646532	5678181	5676575	0.52	cps
Indium	115-1	8176136	8156432	8100618	8144395	0.48	cps
Indium	115-2	1704580	1697000	1700274	1700618	0.22	cps
Iron	56-2	620647	617191	621971	619936	0.40	cps
Iron	57-2	15792	16360	15531	15894	2.67	cps
Krypton	83-1	193	230	173	199	14.45	cps
Lead	206-1	11283	11027	11166	11159	1.15	cps
Lead	207-1	9709	9598	9615	9641	0.62	cps
Lead	208-1	43495	43106	43317	43306	0.45	cps
Lithium	6-1	2738030	2733772	2741574	2737792	0.14	cps
Magnesium	24-2	126261	126540	127337	126713	0.44	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2347	2354	2254	2318	2.41	cps
Molybdenum	94-1	25440	25156	24079	24892	2.88	cps
Molybdenum	95-1	31110	29899	30509	30506	1.98	cps
Molybdenum	96-1	34710	34493	32755	33986	3.15	cps
Molybdenum	97-1	18988	19589	18988	19189	1.81	cps
Molybdenum	98-1	49605	49027	49604	49412	0.67	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1447	1557	1620	1541	5.69	cps
Phosphorus	31-2	367	433	358	386	10.65	cps
Potassium	39-2	133346	132672	132520	132846	0.33	cps
Rhodium	103-1	7186104	7198673	7163697	7182825	0.25	cps
Rhodium	103-2	3436468	3446337	3448345	3443717	0.18	cps
Scandium	45-1	4820172	4791800	4808715	4806895	0.30	cps
Scandium	45-2	190414	190139	191480	190678	0.37	cps
Selenium	77-2	83	73	53	70	21.82	cps
Selenium	78-2	276	315	256	282	10.67	cps
Selenium	82-1	1557	1501	1568	1542	2.33	cps
Silicon	28-1	167815	167689	169652	168385	0.65	cps
Silver	109-1	17320	16160	17111	16863	3.67	cps
Silver	107-1	17595	18363	17328	17762	3.02	cps
Sodium	23-2	239051	234632	232991	235558	1.33	cps
Strontium	86-1	4418	4451	3876	4248	7.60	cps
Strontium	88-1	34877	34977	35386	35080	0.77	cps
Sulfur	34-1	203427	203107	204416	203650	0.34	cps
Terbium	159-1	10592348	10514887	10473003	10526746	0.58	cps
Terbium	159-2	5535717	5529818	5564700	5543412	0.34	cps
Thallium	203-1	12999	12882	13040	12973	0.63	cps
Thallium	205-1	30845	30436	31054	30778	1.02	cps
Thorium	232-1	38931	39310	39845	39362	1.17	cps
Tin	118-1	53419	54766	53118	53768	1.63	cps
Titanium	47-1	8703	8428	8761	8631	2.06	cps
Uranium	238-1	39779	39478	38609	39289	1.55	cps
Vanadium	51-2	13633	14107	14050	13930	1.86	cps
Yttrium	89-1	19651827	19687541	19595631	19645000	0.24	cps
Yttrium	89-2	2825918	2829661	2834809	2830129	0.16	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122260BS	Instrumnet Name :	P7
Client Sample ID :	LCS260	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:49:20	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1640	1680	1673	1665	1.29	cps
Zirconium	90-1	19781	19714	19764	19753	0.18	cps
Zirconium	91-1	4009	4634	4643	4429	8.21	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	42	33	43.30	cps
Antimony	121-1	117	142	233	164	37.48	cps
Arsenic	75-2	2	6	7	5	57.32	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	42	33	8	28	62.46	cps
Beryllium	9-1	60	93	83	79	21.69	cps
Bismuth	209-1	6547987	6526682	6572721	6549130	0.35	cps
Bismuth	209-2	4139150	4236580	4192838	4189523	1.16	cps
Boron	10-1	1483	1592	1300	1458	10.11	cps
Boron	11-1	7227	6827	6560	6871	4.89	cps
Cadmium	111-1	4088	4488	4430	4336	4.99	cps
Cadmium	106-1	5843	6377	6318	6179	4.74	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	92	83	67	81	15.80	cps
Calcium	44-1	7254	7020	6703	6992	3.95	cps
Chromium	52-2	273	237	290	267	10.23	cps
Cobalt	59-2	37	30	13	27	45.08	cps
Copper	63-2	517	550	563	543	4.42	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	3	40	13	19	100.37	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	67	40	40	49	31.50	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	243	207	170	207	17.74	cps
Holmium	165-1	10114229	10216979	10156884	10162697	0.51	cps
Holmium	165-2	5620255	5722816	5651933	5665001	0.93	cps
Indium	115-1	8133836	8111898	8190638	8145458	0.50	cps
Indium	115-2	1686512	1716516	1695522	1699517	0.91	cps
Iron	56-2	2311	2584	2417	2437	5.63	cps
Iron	57-2	122	167	150	146	15.35	cps
Krypton	83-1	137	203	133	158	25.03	cps
Lead	206-1	761	856	728	782	8.48	cps
Lead	207-1	611	517	756	628	19.17	cps
Lead	208-1	2617	2606	2589	2604	0.54	cps
Lithium	6-1	2748620	2737159	2737673	2741151	0.24	cps
Magnesium	24-2	108	142	83	111	26.34	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	17	17	21	36.45	cps
Molybdenum	94-1	275	275	308	286	6.73	cps
Molybdenum	95-1	83	75	150	103	40.00	cps
Molybdenum	96-1	317	108	167	197	54.49	cps
Molybdenum	97-1	42	42	25	36	26.65	cps
Molybdenum	98-1	175	167	117	153	20.65	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	47	67	30	48	38.43	cps
Phosphorus	31-2	50	58	58	56	8.67	cps
Potassium	39-2	10679	11321	10629	10877	3.55	cps
Rhodium	103-1	7139955	7170178	7211467	7173866	0.50	cps
Rhodium	103-2	3411619	3469758	3454162	3445180	0.87	cps
Scandium	45-1	4802961	4801627	4862033	4822207	0.72	cps
Scandium	45-2	190526	194603	191173	192100	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	43	41	40	7.04	cps
Selenium	82-1	139	95	178	137	30.00	cps
Silicon	28-1	94977	93852	93373	94068	0.88	cps
Silver	109-1	75	92	92	86	11.18	cps
Silver	107-1	142	233	117	164	37.48	cps
Sodium	23-2	5243	5576	5268	5362	3.46	cps
Strontium	86-1	342	250	275	289	16.40	cps
Strontium	88-1	108	100	92	100	8.33	cps
Sulfur	34-1	202915	204804	204307	204009	0.48	cps
Terbium	159-1	10448384	10419751	10524587	10464241	0.52	cps
Terbium	159-2	5483122	5553068	5522661	5519617	0.64	cps
Thallium	203-1	625	517	633	592	11.00	cps
Thallium	205-1	950	967	983	967	1.72	cps
Thorium	232-1	2067	2072	1956	2032	3.24	cps
Tin	118-1	742	692	667	700	5.46	cps
Titanium	47-1	92	108	33	78	50.64	cps
Uranium	238-1	2084	2550	2125	2253	11.46	cps
Vanadium	51-2	0	0	10	3	173.21	cps
Yttrium	89-1	19588480	19530163	19675391	19598012	0.37	cps
Yttrium	89-2	2807270	2846394	2818716	2824127	0.71	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BL	Instrumnet Name :	P7
Client Sample ID :	PBS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:52:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	207	183	203	9.13	cps
Zirconium	90-1	867	925	792	861	7.76	cps
Zirconium	91-1	233	108	175	172	36.32	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2325	2117	2361	11.20	cps
Antimony	121-1	23070	23262	23329	23220	0.58	cps
Arsenic	75-2	402	330	387	373	10.23	cps
Barium	135-1	31069	30868	31879	31272	1.71	cps
Barium	137-1	54307	53956	55101	54455	1.08	cps
Beryllium	9-1	2844	2990	3007	2947	3.05	cps
Bismuth	209-1	6251448	6507939	6736130	6498505	3.73	cps
Bismuth	209-2	4158559	4184392	4210544	4184499	0.62	cps
Boron	10-1	11046	11430	11438	11305	1.98	cps
Boron	11-1	49524	50995	52551	51023	2.97	cps
Cadmium	111-1	7796	7852	7961	7870	1.07	cps
Cadmium	106-1	6627	6643	6460	6577	1.54	cps
Cadmium	108-1	246	308	296	283	11.67	cps
Calcium	43-1	18195	19146	19055	18799	2.79	cps
Calcium	44-1	305792	309545	316983	310773	1.83	cps
Chromium	52-2	6575	6942	6658	6725	2.86	cps
Cobalt	59-2	5528	6028	5895	5817	4.45	cps
Copper	63-2	8246	8746	8396	8463	3.03	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	58	25	50	44	39.04	cps
Erbium	164-2	93	43	33	57	56.74	cps
Gadolinium	160-1	33	67	42	47	36.73	cps
Gadolinium	160-2	197	247	230	224	11.34	cps
Holmium	165-1	10095498	10209445	10339932	10214958	1.20	cps
Holmium	165-2	5655412	5686054	5684840	5675435	0.31	cps
Indium	115-1	8111308	8225817	8348665	8228597	1.44	cps
Indium	115-2	1701126	1703235	1706240	1703534	0.15	cps
Iron	56-2	626706	624609	628116	626477	0.28	cps
Iron	57-2	15481	15492	15848	15607	1.34	cps
Krypton	83-1	163	183	160	169	7.47	cps
Lead	206-1	10655	10794	11161	10870	2.41	cps
Lead	207-1	9454	9520	9520	9498	0.41	cps
Lead	208-1	41838	42132	43429	42466	1.99	cps
Lithium	6-1	2764545	2761413	2818965	2781641	1.16	cps
Magnesium	24-2	126555	126127	125321	126001	0.50	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2010	2287	2360	2219	8.32	cps
Molybdenum	94-1	24230	24104	24706	24347	1.30	cps
Molybdenum	95-1	31143	29849	32830	31274	4.78	cps
Molybdenum	96-1	33524	34693	34326	34181	1.75	cps
Molybdenum	97-1	17962	19022	19422	18802	4.01	cps
Molybdenum	98-1	48835	49654	50457	49649	1.63	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	1633	1643	1650	1642	0.51	cps
Phosphorus	31-2	350	308	400	353	13.01	cps
Potassium	39-2	134698	133975	133438	134037	0.47	cps
Rhodium	103-1	7203809	7233194	7382304	7273102	1.32	cps
Rhodium	103-2	3457874	3448302	3477476	3461217	0.43	cps
Scandium	45-1	4829184	4862055	4944589	4878610	1.22	cps
Scandium	45-2	194988	193125	193640	193918	0.50	cps
Selenium	77-2	87	47	40	58	43.68	cps
Selenium	78-2	270	235	254	253	6.96	cps
Selenium	82-1	1560	1501	1597	1553	3.13	cps
Silicon	28-1	166120	169374	172762	169419	1.96	cps
Silver	109-1	17044	16802	16502	16783	1.62	cps
Silver	107-1	16944	17236	17411	17197	1.37	cps
Sodium	23-2	233822	232912	233801	233512	0.22	cps
Strontium	86-1	4609	4184	4368	4387	4.86	cps
Strontium	88-1	34994	34209	35804	35002	2.28	cps
Sulfur	34-1	205961	205965	208480	206802	0.70	cps
Terbium	159-1	10480165	10550932	10666987	10566028	0.89	cps
Terbium	159-2	5530376	5521436	5576102	5542638	0.53	cps
Thallium	203-1	13065	13174	14075	13438	4.12	cps
Thallium	205-1	29425	30595	31430	30483	3.30	cps
Thorium	232-1	38747	37978	39868	38864	2.44	cps
Tin	118-1	54448	54088	55084	54540	0.92	cps
Titanium	47-1	8570	8528	8536	8545	0.26	cps
Uranium	238-1	38592	37556	38049	38066	1.36	cps
Vanadium	51-2	13640	13947	13890	13826	1.18	cps
Yttrium	89-1	19613787	19693938	20180429	19829385	1.55	cps
Yttrium	89-2	2852822	2861694	2872715	2862411	0.35	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122282BS	Instrumnet Name :	P7
Client Sample ID :	LCS282	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 13:56:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1563	1537	1493	1531	2.31	cps
Zirconium	90-1	19063	19556	20682	19767	4.20	cps
Zirconium	91-1	4092	4142	4484	4240	5.03	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	33	47	26.95	cps
Antimony	121-1	125	200	208	178	25.81	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	42	42	33	39	12.38	cps
Beryllium	9-1	87	97	50	78	31.59	cps
Bismuth	209-1	6490104	6493398	6491936	6491813	0.03	cps
Bismuth	209-2	4098937	4143832	4129641	4124137	0.56	cps
Boron	10-1	1400	1358	1292	1350	4.05	cps
Boron	11-1	6093	6368	5693	6051	5.61	cps
Cadmium	111-1	4260	4177	4302	4246	1.49	cps
Cadmium	106-1	6060	5960	6110	6043	1.26	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	92	158	108	119	29.05	cps
Calcium	44-1	8254	8204	8521	8327	2.05	cps
Chromium	52-2	257	347	247	283	19.44	cps
Cobalt	59-2	30	50	47	42	25.38	cps
Copper	63-2	497	527	537	520	4.00	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	37	40	47	41	12.39	cps
Gadolinium	160-1	58	50	17	42	52.91	cps
Gadolinium	160-2	187	197	217	200	7.64	cps
Holmium	165-1	10057362	10065995	10152022	10091793	0.52	cps
Holmium	165-2	5554578	5611323	5551703	5572535	0.60	cps
Indium	115-1	8158427	8142470	8198291	8166396	0.35	cps
Indium	115-2	1668208	1680087	1682464	1676920	0.46	cps
Iron	56-2	2511	2734	2395	2547	6.76	cps
Iron	57-2	161	122	139	141	13.86	cps
Krypton	83-1	160	213	163	179	16.70	cps
Lead	206-1	928	811	850	863	6.88	cps
Lead	207-1	817	717	839	791	8.23	cps
Lead	208-1	3139	3011	3022	3058	2.32	cps
Lithium	6-1	2772527	2775015	2791110	2779551	0.36	cps
Magnesium	24-2	250	125	117	164	45.57	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	30	34	11.18	cps
Molybdenum	94-1	283	325	275	294	9.10	cps
Molybdenum	95-1	75	58	83	72	17.62	cps
Molybdenum	96-1	133	167	142	147	11.79	cps
Molybdenum	97-1	50	83	75	69	24.98	cps
Molybdenum	98-1	75	108	183	122	45.40	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	67	60	47	58	17.62	cps
Phosphorus	31-2	58	75	67	67	12.49	cps
Potassium	39-2	11146	10771	11355	11091	2.67	cps
Rhodium	103-1	7149196	7140963	7245151	7178437	0.81	cps
Rhodium	103-2	3399632	3409201	3409862	3406232	0.17	cps
Scandium	45-1	4831386	4811355	4884941	4842561	0.79	cps
Scandium	45-2	190332	189704	191128	190388	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	48	43	41	18.10	cps
Selenium	82-1	159	99	140	133	23.00	cps
Silicon	28-1	97643	96335	96451	96810	0.75	cps
Silver	109-1	67	67	58	64	7.53	cps
Silver	107-1	133	158	192	161	18.17	cps
Sodium	23-2	5101	5184	5335	5207	2.27	cps
Strontium	86-1	267	358	233	286	22.62	cps
Strontium	88-1	175	133	167	158	13.92	cps
Sulfur	34-1	203448	205109	207314	205290	0.94	cps
Terbium	159-1	10439642	10393154	10511014	10447937	0.57	cps
Terbium	159-2	5423420	5484386	5462200	5456669	0.57	cps
Thallium	203-1	600	625	592	606	2.86	cps
Thallium	205-1	925	950	958	945	1.84	cps
Thorium	232-1	1922	2089	1984	1998	4.22	cps
Tin	118-1	683	600	592	625	8.11	cps
Titanium	47-1	75	83	75	78	6.19	cps
Uranium	238-1	2092	1967	2142	2067	4.36	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	19703566	19580151	19843777	19709164	0.67	cps
Yttrium	89-2	2780525	2823603	2804450	2802859	0.77	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BL	Instrumnet Name :	P7
Client Sample ID :	PB122285BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:00:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	270	277	313	287	8.14	cps
Zirconium	90-1	875	917	742	845	10.83	cps
Zirconium	91-1	133	192	158	161	18.17	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515280	516055	516148	515828	0.09	cps
Antimony	121-1	3030334	3039567	3038917	3036273	0.17	cps
Arsenic	75-2	90812	90962	90341	90705	0.36	cps
Barium	135-1	3941652	3946428	3961698	3949926	0.27	cps
Barium	137-1	7108610	7124842	7138640	7124030	0.21	cps
Beryllium	9-1	732776	724399	724881	727352	0.65	cps
Bismuth	209-1	6495485	6512043	6566771	6524766	0.57	cps
Bismuth	209-2	4045264	4040710	3961798	4015924	1.17	cps
Boron	10-1	106708	106792	105787	106429	0.52	cps
Boron	11-1	482630	483160	490729	485506	0.93	cps
Cadmium	111-1	880540	873394	870687	874873	0.58	cps
Cadmium	106-1	103056	100111	100866	101344	1.51	cps
Cadmium	108-1	65915	66087	65522	65841	0.44	cps
Calcium	43-1	944797	925431	928541	932923	1.11	cps
Calcium	44-1	15617040	15390131	15444259	15483810	0.77	cps
Chromium	52-2	762282	763885	757824	761330	0.41	cps
Cobalt	59-2	1279496	1262623	1263219	1268446	0.75	cps
Copper	63-2	1775887	1766877	1754482	1765749	0.61	cps
Dysprosium	156-1	83	67	42	64	32.83	cps
Dysprosium	156-2	83	103	123	103	19.35	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	30	47	60	46	32.99	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	173	207	180	187	9.45	cps
Holmium	165-1	10465337	10361037	10476683	10434352	0.61	cps
Holmium	165-2	5595838	5583731	5527735	5569101	0.65	cps
Indium	115-1	7837573	7801409	7824289	7821090	0.23	cps
Indium	115-2	1556137	1557800	1529707	1547882	1.02	cps
Iron	56-2	34337738	34087933	34153222	34192964	0.38	cps
Iron	57-2	846244	847071	842958	845424	0.26	cps
Krypton	83-1	227	187	130	181	26.82	cps
Lead	206-1	2676224	2692388	2693905	2687506	0.36	cps
Lead	207-1	2327214	2339002	2334368	2333528	0.25	cps
Lead	208-1	10557823	10665566	10616139	10613176	0.51	cps
Lithium	6-1	2746391	2716035	2705615	2722680	0.78	cps
Magnesium	24-2	6056154	5994031	5978897	6009694	0.68	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	985978	978203	983798	982660	0.41	cps
Molybdenum	94-1	6560826	6522724	6504483	6529345	0.44	cps
Molybdenum	95-1	8059796	8060962	8069753	8063504	0.07	cps
Molybdenum	96-1	8938862	8922763	8929866	8930497	0.09	cps
Molybdenum	97-1	4871423	4832718	4823268	4842470	0.53	cps
Molybdenum	98-1	13038990	12981892	13015369	13012084	0.22	cps
Neodymium	150-1	320	300	287	302	5.55	cps
Neodymium	150-2	37	30	33	33	10.01	cps
Nickel	60-2	327748	325856	322647	325417	0.79	cps
Phosphorus	31-2	28829	27927	28687	28481	1.70	cps
Potassium	39-2	2851345	2811930	2803998	2822424	0.90	cps
Rhodium	103-1	6713683	6641183	6674065	6676311	0.54	cps
Rhodium	103-2	3083865	3096062	3033976	3071301	1.07	cps
Scandium	45-1	4637253	4607917	4456520	4567230	2.12	cps
Scandium	45-2	174756	173435	173013	173735	0.52	cps
Selenium	77-2	2844	2747	2770	2787	1.81	cps
Selenium	78-2	9490	9488	9501	9493	0.07	cps
Selenium	82-1	66640	65447	65319	65802	1.11	cps
Silicon	28-1	2259555	2271482	2272486	2267841	0.32	cps
Silver	109-1	3790768	3764083	3780794	3778549	0.36	cps
Silver	107-1	3979563	3901100	3911431	3930698	1.08	cps
Sodium	23-2	11269913	11178830	11174827	11207857	0.48	cps
Strontium	86-1	995204	990528	994538	993423	0.25	cps
Strontium	88-1	9001328	9031255	8982227	9004937	0.27	cps
Sulfur	34-1	534022	523639	523212	526958	1.16	cps
Terbium	159-1	10628954	10561610	10755949	10648838	0.93	cps
Terbium	159-2	5449935	5422538	5359443	5410639	0.86	cps
Thallium	203-1	3331106	3305159	3328145	3321470	0.43	cps
Thallium	205-1	8264834	8218174	8267909	8250305	0.34	cps
Thorium	232-1	11113507	11207455	11213563	11178175	0.50	cps
Tin	118-1	2663666	2667519	2650402	2660529	0.34	cps
Titanium	47-1	2019241	1997573	1988840	2001885	0.78	cps
Uranium	238-1	10530798	10598422	10665213	10598144	0.63	cps
Vanadium	51-2	613966	610947	609620	611511	0.36	cps
Yttrium	89-1	19100070	18980091	18930735	19003632	0.46	cps
Yttrium	89-2	2626853	2629638	2585986	2614159	0.93	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122285BS	Instrumnet Name :	P7
Client Sample ID :	PB122285BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:03:46	DataFile Name :	024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300898	300473	299867	300413	0.17	cps
Zirconium	90-1	5129998	5083233	5314800	5176010	2.37	cps
Zirconium	91-1	1144404	1133101	1135526	1137677	0.52	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1892	2017	1992	1967	3.36	cps
Antimony	121-1	3692	3559	3659	3637	1.91	cps
Arsenic	75-2	70	67	59	65	8.65	cps
Barium	135-1	3792	3776	3442	3670	5.38	cps
Barium	137-1	6935	6493	5968	6466	7.49	cps
Beryllium	9-1	293	253	247	264	9.54	cps
Bismuth	209-1	6491016	6571053	6623811	6561960	1.02	cps
Bismuth	209-2	3978962	3988796	3920744	3962834	0.93	cps
Boron	10-1	6135	5735	5543	5804	5.20	cps
Boron	11-1	27701	27184	25113	26666	5.14	cps
Cadmium	111-1	4061	4039	4110	4070	0.90	cps
Cadmium	106-1	5485	5418	5676	5526	2.43	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	195128	195078	198732	196313	1.07	cps
Calcium	44-1	3176910	3184449	3179895	3180418	0.12	cps
Chromium	52-2	687	553	590	610	11.29	cps
Cobalt	59-2	210	217	140	189	22.48	cps
Copper	63-2	1687	1743	1723	1718	1.67	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	50	25	67	47	44.41	cps
Erbium	164-2	57	43	43	48	16.12	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	227	183	173	194	14.58	cps
Holmium	165-1	10011853	10272339	10361047	10215079	1.78	cps
Holmium	165-2	5450466	5448524	5419170	5439387	0.32	cps
Indium	115-1	7687585	7824594	7906522	7806233	1.42	cps
Indium	115-2	1567421	1560467	1536820	1554903	1.03	cps
Iron	56-2	10271	9681	9598	9850	3.72	cps
Iron	57-2	1256	1217	1306	1259	3.54	cps
Krypton	83-1	170	127	143	147	14.90	cps
Lead	206-1	5868	5868	5551	5763	3.17	cps
Lead	207-1	4840	4840	4568	4749	3.31	cps
Lead	208-1	21830	21691	20373	21298	3.77	cps
Lithium	6-1	2591337	2626527	2635703	2617856	0.89	cps
Magnesium	24-2	382702	377225	375542	378490	0.99	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6762	6355	6421	6513	3.35	cps
Molybdenum	94-1	3601	2984	2825	3137	13.06	cps
Molybdenum	95-1	3467	3084	2742	3098	11.71	cps
Molybdenum	96-1	3926	3634	3292	3617	8.77	cps
Molybdenum	97-1	2134	1792	1600	1842	14.67	cps
Molybdenum	98-1	5360	5018	3976	4784	15.07	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	287	290	277	284	2.44	cps
Phosphorus	31-2	25	75	100	67	57.28	cps
Potassium	39-2	71272	70141	68407	69940	2.06	cps
Rhodium	103-1	6534151	6702524	6764446	6667041	1.79	cps
Rhodium	103-2	3134889	3122036	3095776	3117567	0.64	cps
Scandium	45-1	4288425	4473828	4401748	4388001	2.13	cps
Scandium	45-2	172822	171388	169946	171385	0.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	43	31	36	15.53	cps
Selenium	82-1	161	193	199	184	11.07	cps
Silicon	28-1	13469128	13519633	13457988	13482250	0.24	cps
Silver	109-1	867	892	592	783	21.25	cps
Silver	107-1	1125	775	658	853	28.48	cps
Sodium	23-2	4834065	4801253	4766299	4800539	0.71	cps
Strontium	86-1	44169	46083	45456	45236	2.16	cps
Strontium	88-1	395571	390771	393523	393288	0.61	cps
Sulfur	34-1	269776	263296	259556	264209	1.96	cps
Terbium	159-1	10284988	10513146	10646579	10481571	1.74	cps
Terbium	159-2	5284926	5283415	5263399	5277247	0.23	cps
Thallium	203-1	1717	1417	1467	1533	10.48	cps
Thallium	205-1	3601	3451	2817	3289	12.64	cps
Thorium	232-1	6513	6296	5729	6179	6.55	cps
Tin	118-1	2000	2242	2225	2156	6.26	cps
Titanium	47-1	783	775	792	783	1.06	cps
Uranium	238-1	4534	4309	4293	4379	3.08	cps
Vanadium	51-2	183	177	190	183	3.64	cps
Yttrium	89-1	18355967	18597547	18878218	18610577	1.40	cps
Yttrium	89-2	2590450	2581476	2554239	2575388	0.73	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4346-01	Instrumnet Name :	P7
Client Sample ID :	390809060	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:07:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1133	1003	1067	1068	6.09	cps
Zirconium	90-1	3992	3784	3317	3698	9.35	cps
Zirconium	91-1	967	767	817	850	12.25	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2597901	2599167	2619497	2605522	0.47	cps
Antimony	121-1	2871174	2873115	2882248	2875512	0.21	cps
Arsenic	75-2	91239	92007	92523	91923	0.70	cps
Barium	135-1	3815253	3863427	3836521	3838400	0.63	cps
Barium	137-1	6902120	6964211	6954648	6940327	0.48	cps
Beryllium	9-1	672138	675466	673505	673703	0.25	cps
Bismuth	209-1	6007011	5990240	6023241	6006831	0.27	cps
Bismuth	209-2	3758329	3773567	3786984	3772960	0.38	cps
Boron	10-1	101524	103881	104981	103462	1.71	cps
Boron	11-1	467190	480057	476287	474511	1.39	cps
Cadmium	111-1	896524	901707	893861	897364	0.44	cps
Cadmium	106-1	103334	100849	101421	101868	1.28	cps
Cadmium	108-1	66032	67104	66258	66465	0.85	cps
Calcium	43-1	4360500	4368373	4365979	4364951	0.09	cps
Calcium	44-1	73079577	73076764	72845660	73000667	0.18	cps
Chromium	52-2	746716	751269	753242	750409	0.45	cps
Cobalt	59-2	1200487	1212636	1228542	1213888	1.16	cps
Copper	63-2	1833186	1844540	1870054	1849260	1.02	cps
Dysprosium	156-1	42	92	100	78	40.56	cps
Dysprosium	156-2	130	133	113	126	8.53	cps
Erbium	164-1	75	42	67	61	28.38	cps
Erbium	164-2	50	73	60	61	19.16	cps
Gadolinium	160-1	108	25	58	64	65.65	cps
Gadolinium	160-2	193	237	190	207	12.60	cps
Holmium	165-1	10430047	10517808	10515945	10487933	0.48	cps
Holmium	165-2	5536221	5554919	5619541	5570227	0.78	cps
Indium	115-1	7506012	7522999	7542277	7523762	0.24	cps
Indium	115-2	1492520	1508195	1516440	1505719	0.81	cps
Iron	56-2	164904215	165895604	167397682	166065833	0.76	cps
Iron	57-2	4033368	4067461	4106972	4069267	0.91	cps
Krypton	83-1	163	160	217	180	17.67	cps
Lead	206-1	2608084	2626532	2624006	2619541	0.38	cps
Lead	207-1	2245421	2256794	2257231	2253149	0.30	cps
Lead	208-1	10256176	10295978	10312444	10288199	0.28	cps
Lithium	6-1	2612571	2623341	2610663	2615525	0.26	cps
Magnesium	24-2	28904782	28815884	29117454	28946040	0.54	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	950921	956874	963507	957100	0.66	cps
Molybdenum	94-1	6313337	6360976	6351337	6341883	0.40	cps
Molybdenum	95-1	7785456	7861345	7810501	7819100	0.49	cps
Molybdenum	96-1	8648070	8699282	8666243	8671199	0.30	cps
Molybdenum	97-1	4715929	4727986	4683233	4709049	0.49	cps
Molybdenum	98-1	12582157	12641004	12568155	12597105	0.31	cps
Neodymium	150-1	360	293	233	296	21.44	cps
Neodymium	150-2	43	27	40	37	24.04	cps
Nickel	60-2	304051	308027	312276	308118	1.34	cps
Phosphorus	31-2	28002	27543	27827	27791	0.83	cps
Potassium	39-2	14085033	14056865	14289709	14143869	0.90	cps
Rhodium	103-1	6207826	6158600	6186448	6184291	0.40	cps
Rhodium	103-2	2896311	2906000	2932390	2911567	0.64	cps
Scandium	45-1	4311658	4333646	4317749	4321017	0.26	cps
Scandium	45-2	171827	172723	175577	173375	1.13	cps
Selenium	77-2	2647	2724	2597	2656	2.40	cps
Selenium	78-2	9044	8884	9108	9012	1.28	cps
Selenium	82-1	59901	61036	60826	60588	1.00	cps
Silicon	28-1	2060133	2097424	2098531	2085363	1.05	cps
Silver	109-1	3757942	3761408	3750051	3756467	0.15	cps
Silver	107-1	3897225	3886363	3887881	3890490	0.15	cps
Sodium	23-2	53697199	53704947	53999368	53800505	0.32	cps
Strontium	86-1	963355	971382	950111	961616	1.12	cps
Strontium	88-1	8707586	8764320	8681333	8717746	0.49	cps
Sulfur	34-1	492718	489714	487111	489848	0.57	cps
Terbium	159-1	10719507	10721134	10757789	10732810	0.20	cps
Terbium	159-2	5373717	5400527	5459736	5411327	0.81	cps
Thallium	203-1	3231226	3260183	3234872	3242094	0.49	cps
Thallium	205-1	8060587	8125540	8138883	8108337	0.52	cps
Thorium	232-1	11392136	11365343	11328748	11362076	0.28	cps
Tin	118-1	2560557	2558175	2540136	2552956	0.44	cps
Titanium	47-1	1910021	1905828	1904784	1906878	0.15	cps
Uranium	238-1	10752461	10780683	10702675	10745273	0.37	cps
Vanadium	51-2	601549	601149	609851	604183	0.81	cps
Yttrium	89-1	18424652	18413193	18492350	18443398	0.23	cps
Yttrium	89-2	2566333	2599479	2603453	2589755	0.79	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:10:58	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	338465	344434	346502	343134	1.22	cps
Zirconium	90-1	4969473	4972137	4944753	4962121	0.30	cps
Zirconium	91-1	1101225	1107470	1102478	1103724	0.30	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	317	208	297	27.23	cps
Antimony	121-1	3826	3559	3809	3731	4.00	cps
Arsenic	75-2	17	22	24	21	18.35	cps
Barium	135-1	1000	808	675	828	19.74	cps
Barium	137-1	2159	1400	1200	1586	31.88	cps
Beryllium	9-1	230	233	247	237	3.72	cps
Bismuth	209-1	6818380	6841342	7032397	6897373	1.70	cps
Bismuth	209-2	4064696	4088186	4197181	4116688	1.72	cps
Boron	10-1	5493	5168	4584	5082	9.06	cps
Boron	11-1	23861	24337	22284	23494	4.57	cps
Cadmium	111-1	4382	4494	4465	4447	1.31	cps
Cadmium	106-1	5776	6127	6127	6010	3.36	cps
Cadmium	108-1	17	33	33	28	34.63	cps
Calcium	43-1	1383	1150	867	1133	22.83	cps
Calcium	44-1	26985	23696	18605	23095	18.28	cps
Chromium	52-2	360	297	303	320	10.88	cps
Cobalt	59-2	163	143	140	149	8.48	cps
Copper	63-2	693	703	630	676	5.89	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	47	47	47	47	0.00	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	177	153	173	168	7.52	cps
Holmium	165-1	10386315	10407583	10742728	10512209	1.90	cps
Holmium	165-2	5431199	5524402	5657287	5537630	2.05	cps
Indium	115-1	8082131	8096709	8340346	8173062	1.77	cps
Indium	115-2	1584815	1616334	1650156	1617102	2.02	cps
Iron	56-2	23658	21644	19697	21667	9.14	cps
Iron	57-2	594	667	561	607	8.88	cps
Krypton	83-1	187	163	147	166	12.14	cps
Lead	206-1	1695	1422	1306	1474	13.54	cps
Lead	207-1	1589	1506	1156	1417	16.23	cps
Lead	208-1	6390	5656	4917	5654	13.02	cps
Lithium	6-1	2701179	2712395	2765316	2726297	1.26	cps
Magnesium	24-2	2967	2709	2492	2723	8.74	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	103	120	121	15.16	cps
Molybdenum	94-1	2600	2434	2150	2395	9.50	cps
Molybdenum	95-1	3776	3092	2575	3148	19.13	cps
Molybdenum	96-1	4409	3417	2742	3523	23.80	cps
Molybdenum	97-1	2034	1934	1583	1850	12.77	cps
Molybdenum	98-1	5601	4551	4226	4793	15.00	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	93	90	70	84	14.95	cps
Phosphorus	31-2	42	58	75	58	28.57	cps
Potassium	39-2	11555	11238	10746	11180	3.65	cps
Rhodium	103-1	6951212	7016404	7151705	7039774	1.45	cps
Rhodium	103-2	3199789	3259646	3328085	3262507	1.97	cps
Scandium	45-1	4651867	4667606	4762387	4693953	1.27	cps
Scandium	45-2	175438	176263	182855	178186	2.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	50	50	49	4.38	cps
Selenium	82-1	110	151	192	151	27.16	cps
Silicon	28-1	98457	96360	95043	96620	1.78	cps
Silver	109-1	925	783	725	811	12.68	cps
Silver	107-1	1133	1025	908	1022	11.01	cps
Sodium	23-2	16660	15709	14658	15676	6.39	cps
Strontium	86-1	492	542	417	483	13.02	cps
Strontium	88-1	2317	1850	1417	1861	24.19	cps
Sulfur	34-1	171534	171745	171373	171551	0.11	cps
Terbium	159-1	10666808	10703077	10947141	10772342	1.42	cps
Terbium	159-2	5292923	5383935	5488204	5388354	1.81	cps
Thallium	203-1	1992	1784	1600	1792	10.94	cps
Thallium	205-1	4334	3467	3076	3626	17.77	cps
Thorium	232-1	7680	6207	5852	6580	14.74	cps
Tin	118-1	2259	2242	2309	2270	1.53	cps
Titanium	47-1	792	483	492	589	29.83	cps
Uranium	238-1	4926	4276	3659	4287	14.78	cps
Vanadium	51-2	53	50	43	49	10.42	cps
Yttrium	89-1	19212915	19294636	19807098	19438216	1.66	cps
Yttrium	89-2	2634829	2664861	2737863	2679184	1.98	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:14:35	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	287	270	347	301	13.39	cps
Zirconium	90-1	2475	2184	1750	2136	17.08	cps
Zirconium	91-1	600	375	275	417	39.95	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	183	125	158	18.97	cps
Antimony	121-1	992	1033	1308	1111	15.49	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	67	58	75	67	12.49	cps
Barium	137-1	117	108	150	125	17.64	cps
Beryllium	9-1	110	110	93	104	9.21	cps
Bismuth	209-1	6677608	6626285	6697898	6667264	0.55	cps
Bismuth	209-2	4142039	4151964	4180138	4158047	0.48	cps
Boron	10-1	3476	3317	3142	3312	5.04	cps
Boron	11-1	14908	14616	14291	14605	2.11	cps
Cadmium	111-1	4252	4074	3740	4022	6.47	cps
Cadmium	106-1	6010	5793	5318	5707	6.20	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	392	425	350	389	9.66	cps
Calcium	44-1	11473	11406	11581	11487	0.77	cps
Chromium	52-2	493	427	547	489	12.30	cps
Cobalt	59-2	23	23	27	24	7.89	cps
Copper	63-2	1123	1170	1183	1159	2.72	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	67	92	83	81	15.80	cps
Erbium	164-2	33	50	33	39	24.75	cps
Gadolinium	160-1	67	25	42	44	47.19	cps
Gadolinium	160-2	177	160	190	176	8.56	cps
Holmium	165-1	10242698	10300554	10300160	10281137	0.32	cps
Holmium	165-2	5575227	5585335	5619242	5593268	0.41	cps
Indium	115-1	8061047	8015349	8095993	8057463	0.50	cps
Indium	115-2	1651489	1634802	1659111	1648467	0.75	cps
Iron	56-2	5184	4629	4551	4788	7.22	cps
Iron	57-2	150	117	133	133	12.50	cps
Krypton	83-1	160	187	107	151	26.96	cps
Lead	206-1	900	856	950	902	5.24	cps
Lead	207-1	1006	900	895	933	6.71	cps
Lead	208-1	3467	3445	3439	3450	0.43	cps
Lithium	6-1	2706053	2708198	2709530	2707927	0.06	cps
Magnesium	24-2	233	192	192	206	11.70	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	233	247	238	3.24	cps
Molybdenum	94-1	542	542	558	547	1.76	cps
Molybdenum	95-1	367	383	400	383	4.35	cps
Molybdenum	96-1	550	483	558	531	7.75	cps
Molybdenum	97-1	292	192	300	261	23.09	cps
Molybdenum	98-1	658	775	625	686	11.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	70	87	67	74	14.39	cps
Phosphorus	31-2	50	42	42	44	10.82	cps
Potassium	39-2	10271	10354	10045	10223	1.56	cps
Rhodium	103-1	7013965	7023766	7014983	7017571	0.08	cps
Rhodium	103-2	3345715	3300270	3356153	3334046	0.89	cps
Scandium	45-1	4517277	4667048	4660973	4615100	1.84	cps
Scandium	45-2	183187	182258	183875	183107	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	39	31	36	10.77	cps
Selenium	82-1	121	113	228	154	41.44	cps
Silicon	28-1	112806	114822	115694	114441	1.29	cps
Silver	109-1	100	83	58	81	26.03	cps
Silver	107-1	175	167	208	183	12.02	cps
Sodium	23-2	10062	9495	9812	9790	2.90	cps
Strontium	86-1	267	250	392	303	25.57	cps
Strontium	88-1	942	842	758	847	10.83	cps
Sulfur	34-1	182168	183038	181383	182196	0.45	cps
Terbium	159-1	10596442	10529788	10649543	10591924	0.57	cps
Terbium	159-2	5463412	5439610	5493936	5465653	0.50	cps
Thallium	203-1	617	592	717	642	10.31	cps
Thallium	205-1	1200	1225	1225	1217	1.19	cps
Thorium	232-1	2923	2862	2689	2824	4.29	cps
Tin	118-1	1192	1342	1242	1258	6.07	cps
Titanium	47-1	158	133	133	142	10.19	cps
Uranium	238-1	2184	2067	1984	2078	4.84	cps
Vanadium	51-2	7	13	20	13	49.99	cps
Yttrium	89-1	19389362	19258872	19296246	19314827	0.35	cps
Yttrium	89-2	2743847	2715661	2754216	2737908	0.73	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01	Instrumnet Name :	P7
Client Sample ID :	390805027	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:18:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1887	1870	1967	1908	2.71	cps
Zirconium	90-1	875	1008	1175	1020	14.74	cps
Zirconium	91-1	267	258	208	244	12.91	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	133	133	6.25	cps
Antimony	121-1	458	533	575	522	11.32	cps
Arsenic	75-2	9	9	2	7	63.01	cps
Barium	135-1	25	50	50	42	34.64	cps
Barium	137-1	75	83	108	89	19.52	cps
Beryllium	9-1	107	123	103	111	9.64	cps
Bismuth	209-1	6589762	6630941	6577835	6599512	0.42	cps
Bismuth	209-2	4050741	4122786	4133045	4102191	1.09	cps
Boron	10-1	2159	2092	2284	2178	4.47	cps
Boron	11-1	10120	10037	10279	10146	1.21	cps
Cadmium	111-1	4137	4122	4104	4121	0.40	cps
Cadmium	106-1	5851	5843	5810	5835	0.38	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	208	350	308	289	25.20	cps
Calcium	44-1	10439	10289	10080	10269	1.76	cps
Chromium	52-2	503	487	577	522	9.17	cps
Cobalt	59-2	23	7	13	14	58.06	cps
Copper	63-2	1307	1180	1300	1262	5.65	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	27	3	20	17	72.13	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	57	53	43	51	13.58	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	203	167	150	173	15.74	cps
Holmium	165-1	10186697	10213237	10133737	10177890	0.40	cps
Holmium	165-2	5515208	5555007	5570768	5546994	0.52	cps
Indium	115-1	8004039	8034095	8075806	8037980	0.45	cps
Indium	115-2	1636464	1654611	1652436	1647837	0.60	cps
Iron	56-2	3945	3928	3667	3847	4.05	cps
Iron	57-2	133	117	144	131	10.63	cps
Krypton	83-1	173	143	170	162	10.13	cps
Lead	206-1	928	1028	850	935	9.53	cps
Lead	207-1	817	917	822	852	6.60	cps
Lead	208-1	3289	3350	3222	3287	1.94	cps
Lithium	6-1	2713050	2711949	2719706	2714902	0.15	cps
Magnesium	24-2	142	208	275	208	32.00	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	90	100	97	5.97	cps
Molybdenum	94-1	442	475	375	431	11.83	cps
Molybdenum	95-1	217	208	183	203	8.56	cps
Molybdenum	96-1	392	333	358	361	8.10	cps
Molybdenum	97-1	150	92	117	119	24.50	cps
Molybdenum	98-1	267	325	308	300	10.02	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	43	83	50	59	36.40	cps
Phosphorus	31-2	58	17	67	47	56.72	cps
Potassium	39-2	10154	10187	10254	10198	0.50	cps
Rhodium	103-1	7022062	7050258	6984282	7018867	0.47	cps
Rhodium	103-2	3317012	3323646	3347847	3329502	0.49	cps
Scandium	45-1	4710515	4709159	4695612	4705095	0.18	cps
Scandium	45-2	183325	186042	186126	185164	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	39	46	38	21.82	cps
Selenium	82-1	87	132	136	118	22.94	cps
Silicon	28-1	116401	118165	119794	118120	1.44	cps
Silver	109-1	83	100	58	81	26.03	cps
Silver	107-1	217	150	183	183	18.18	cps
Sodium	23-2	7936	8169	8194	8100	1.76	cps
Strontium	86-1	258	300	400	319	22.79	cps
Strontium	88-1	758	767	758	761	0.63	cps
Sulfur	34-1	185025	187162	187682	186623	0.75	cps
Terbium	159-1	10428552	10418684	10423513	10423583	0.05	cps
Terbium	159-2	5401423	5440953	5415803	5419393	0.37	cps
Thallium	203-1	658	558	758	658	15.19	cps
Thallium	205-1	825	825	983	878	10.41	cps
Thorium	232-1	2500	2678	2473	2550	4.37	cps
Tin	118-1	1025	1358	4880	2421	88.22	cps
Titanium	47-1	100	125	100	108	13.33	cps
Uranium	238-1	2159	2225	2159	2181	1.77	cps
Vanadium	51-2	0	17	7	8	107.84	cps
Yttrium	89-1	19220038	19285879	19296214	19267377	0.21	cps
Yttrium	89-2	2726778	2742718	2742552	2737349	0.33	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01DUP	Instrumnet Name :	P7
Client Sample ID :	390805027DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:21:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1520	1433	1483	1479	2.94	cps
Zirconium	90-1	875	975	867	906	6.66	cps
Zirconium	91-1	267	158	242	222	25.53	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	92	67	69	30.20	cps
Antimony	121-1	333	475	408	406	17.48	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	17	33	58	36	58.07	cps
Barium	137-1	58	25	33	39	44.62	cps
Beryllium	9-1	100	90	110	100	10.00	cps
Bismuth	209-1	6742371	6688212	6753139	6727907	0.52	cps
Bismuth	209-2	4189577	4217626	4230738	4212647	0.50	cps
Boron	10-1	1742	1633	1550	1642	5.85	cps
Boron	11-1	7435	7569	7135	7380	3.01	cps
Cadmium	111-1	4584	4014	4320	4306	6.62	cps
Cadmium	106-1	6535	5701	6152	6129	6.81	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	200	258	325	261	23.95	cps
Calcium	44-1	9288	9355	9063	9235	1.66	cps
Chromium	52-2	303	330	343	326	6.26	cps
Cobalt	59-2	10	10	10	10	0.00	cps
Copper	63-2	603	640	703	649	7.80	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	20	17	7	14	48.02	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	80	57	30	56	45.03	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	197	163	153	171	13.26	cps
Holmium	165-1	10369073	10418615	10409733	10399140	0.25	cps
Holmium	165-2	5654001	5722079	5722477	5699519	0.69	cps
Indium	115-1	8292965	8298604	8370255	8320608	0.52	cps
Indium	115-2	1694270	1716145	1712884	1707766	0.69	cps
Iron	56-2	2828	2784	2900	2837	2.08	cps
Iron	57-2	122	156	83	120	30.03	cps
Krypton	83-1	173	203	163	180	11.56	cps
Lead	206-1	822	744	917	828	10.42	cps
Lead	207-1	839	839	739	806	7.17	cps
Lead	208-1	2984	2984	2945	2971	0.76	cps
Lithium	6-1	2803412	2795449	2794753	2797872	0.17	cps
Magnesium	24-2	408	333	300	347	15.98	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	57	63	57	11.76	cps
Molybdenum	94-1	450	233	475	386	34.42	cps
Molybdenum	95-1	158	125	192	158	21.05	cps
Molybdenum	96-1	225	142	208	192	23.01	cps
Molybdenum	97-1	92	92	100	94	5.09	cps
Molybdenum	98-1	192	175	200	189	6.74	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	53	50	67	57	15.57	cps
Phosphorus	31-2	67	42	50	53	24.12	cps
Potassium	39-2	10379	10621	9945	10315	3.32	cps
Rhodium	103-1	7286812	7294969	7211127	7264303	0.64	cps
Rhodium	103-2	3439906	3468593	3468712	3459070	0.48	cps
Scandium	45-1	4876624	4924307	4896375	4899102	0.49	cps
Scandium	45-2	191841	194786	191979	192869	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	50	70	56	23.33	cps
Selenium	82-1	117	139	150	135	12.56	cps
Silicon	28-1	100964	99286	101015	100421	0.98	cps
Silver	109-1	75	50	50	58	24.74	cps
Silver	107-1	158	183	158	167	8.66	cps
Sodium	23-2	6243	6093	6493	6277	3.22	cps
Strontium	86-1	317	358	242	306	19.35	cps
Strontium	88-1	233	250	392	292	29.83	cps
Sulfur	34-1	193329	193945	192552	193276	0.36	cps
Terbium	159-1	10751621	10757656	10752766	10754014	0.03	cps
Terbium	159-2	5548375	5605738	5585900	5580004	0.52	cps
Thallium	203-1	642	542	483	556	14.41	cps
Thallium	205-1	808	783	800	797	1.60	cps
Thorium	232-1	2178	2245	2011	2145	5.60	cps
Tin	118-1	808	958	867	878	8.61	cps
Titanium	47-1	67	117	158	114	40.30	cps
Uranium	238-1	2050	2184	2017	2084	4.23	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	19915013	19855493	19959767	19910091	0.26	cps
Yttrium	89-2	2836872	2842175	2862460	2847169	0.47	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01LX5	Instrumnet Name :	P7
Client Sample ID :	390805027L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 14:25:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	547	627	547	573	8.06	cps
Zirconium	90-1	983	725	892	867	15.11	cps
Zirconium	91-1	150	133	175	153	13.73	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101066	101250	101787	101368	0.37	cps
Antimony	121-1	4868227	4846407	4844446	4853027	0.27	cps
Arsenic	75-2	153425	152772	153328	153175	0.23	cps
Barium	135-1	318533	319088	318880	318834	0.09	cps
Barium	137-1	547845	557202	553998	553015	0.86	cps
Beryllium	9-1	294640	293965	296091	294898	0.37	cps
Bismuth	209-1	6617368	6642951	6707501	6655940	0.70	cps
Bismuth	209-2	4176315	4172885	4170936	4173379	0.07	cps
Boron	10-1	64128	66857	67300	66095	2.60	cps
Boron	11-1	295925	302374	307153	301817	1.87	cps
Cadmium	111-1	354253	352453	354325	353677	0.30	cps
Cadmium	106-1	36398	37267	36715	36793	1.19	cps
Cadmium	108-1	22944	23236	23741	23307	1.73	cps
Calcium	43-1	21608	20507	20607	20907	2.91	cps
Calcium	44-1	330859	330324	334530	331904	0.69	cps
Chromium	52-2	642228	635305	630375	635969	0.94	cps
Cobalt	59-2	542445	539542	540227	540738	0.28	cps
Copper	63-2	589425	588154	585268	587616	0.36	cps
Dysprosium	156-1	391244	387838	395762	391615	1.02	cps
Dysprosium	156-2	127705	128217	128793	128238	0.42	cps
Erbium	164-1	100	83	92	92	9.09	cps
Erbium	164-2	27	63	73	54	45.12	cps
Gadolinium	160-1	183	175	217	192	11.50	cps
Gadolinium	160-2	237	233	250	240	3.68	cps
Holmium	165-1	10243248	10329447	10427755	10333483	0.89	cps
Holmium	165-2	5636963	5679819	5635983	5650922	0.44	cps
Indium	115-1	8013731	8067488	8018894	8033371	0.37	cps
Indium	115-2	1619346	1606580	1609780	1611902	0.41	cps
Iron	56-2	4285326	4263893	4248184	4265801	0.44	cps
Iron	57-2	107115	108313	106305	107244	0.94	cps
Krypton	83-1	210	197	230	212	7.91	cps
Lead	206-1	5235563	5256694	5291104	5261120	0.53	cps
Lead	207-1	4534146	4538082	4600158	4557462	0.81	cps
Lead	208-1	21379454	21447544	21637687	21488228	0.62	cps
Lithium	6-1	2867920	2863235	2882171	2871109	0.34	cps
Magnesium	24-2	247917	245697	244434	246016	0.72	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201540	201446	201060	201349	0.13	cps
Molybdenum	94-1	666253	665527	671510	667764	0.49	cps
Molybdenum	95-1	1175607	1171068	1180401	1175692	0.40	cps
Molybdenum	96-1	1258941	1256304	1259383	1258209	0.13	cps
Molybdenum	97-1	736443	734278	735895	735539	0.15	cps
Molybdenum	98-1	1894851	1883462	1887210	1888508	0.31	cps
Neodymium	150-1	67	80	73	73	9.09	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	354436	353593	352542	353524	0.27	cps
Phosphorus	31-2	17286	16844	17002	17044	1.31	cps
Potassium	39-2	1197858	1188091	1180912	1188954	0.72	cps
Rhodium	103-1	7000344	7019343	7029945	7016544	0.21	cps
Rhodium	103-2	3326005	3310938	3283324	3306756	0.65	cps
Scandium	45-1	4728671	4710167	4789100	4742646	0.87	cps
Scandium	45-2	183524	182317	180191	182011	0.93	cps
Selenium	77-2	11672	11505	11481	11553	0.90	cps
Selenium	78-2	38934	38950	39192	39025	0.37	cps
Selenium	82-1	262594	261237	261001	261611	0.33	cps
Silicon	28-1	3858771	3871913	3925419	3885368	0.91	cps
Silver	109-1	584199	583931	583869	584000	0.03	cps
Silver	107-1	605570	607471	610481	607841	0.41	cps
Sodium	23-2	691535	690939	687304	689926	0.33	cps
Strontium	86-1	402401	398221	399714	400112	0.53	cps
Strontium	88-1	3519187	3507693	3503480	3510120	0.23	cps
Sulfur	34-1	181585	174223	173042	176284	2.63	cps
Terbium	159-1	10592773	10644955	10711895	10649874	0.56	cps
Terbium	159-2	5468752	5529881	5512657	5503763	0.57	cps
Thallium	203-1	13523744	13583112	13694219	13600358	0.64	cps
Thallium	205-1	32412762	32487048	32811967	32570592	0.65	cps
Thorium	232-1	3328	3217	3251	3265	1.75	cps
Tin	118-1	3740563	3780256	3763903	3761574	0.53	cps
Titanium	47-1	167844	166067	165958	166623	0.64	cps
Uranium	238-1	2142	2159	2350	2217	5.22	cps
Vanadium	51-2	384204	380084	381229	381839	0.56	cps
Yttrium	89-1	19491897	19433142	19461331	19462123	0.15	cps
Yttrium	89-2	2726082	2716161	2708725	2716990	0.32	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MS	Instrumnet Name :	P7
Client Sample ID :	390805027MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:28:59	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	65828	65238	65201	65422	0.54	cps
Zirconium	90-1	4951	4543	4276	4590	7.41	cps
Zirconium	91-1	1692	1358	1525	1525	10.93	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100830	98440	101929	100400	1.78	cps
Antimony	121-1	4782048	4812712	4728880	4774546	0.89	cps
Arsenic	75-2	147536	148590	148570	148232	0.41	cps
Barium	135-1	318702	321221	312483	317469	1.42	cps
Barium	137-1	550568	558290	551132	553330	0.78	cps
Beryllium	9-1	290521	292187	289175	290628	0.52	cps
Bismuth	209-1	6706507	6713613	6720176	6713432	0.10	cps
Bismuth	209-2	4137963	4138296	4162493	4146251	0.34	cps
Boron	10-1	66338	68096	67719	67384	1.37	cps
Boron	11-1	304491	311961	313383	309945	1.54	cps
Cadmium	111-1	351816	352178	348559	350851	0.57	cps
Cadmium	106-1	36949	37500	36247	36899	1.70	cps
Cadmium	108-1	23353	23603	22693	23216	2.02	cps
Calcium	43-1	20540	20682	21266	20829	1.85	cps
Calcium	44-1	332439	327887	320693	327006	1.81	cps
Chromium	52-2	619536	615909	615426	616957	0.36	cps
Cobalt	59-2	523278	524646	520977	522967	0.35	cps
Copper	63-2	570816	566103	571432	569450	0.51	cps
Dysprosium	156-1	380134	384939	375288	380120	1.27	cps
Dysprosium	156-2	124464	123949	126327	124913	1.00	cps
Erbium	164-1	58	100	158	106	47.58	cps
Erbium	164-2	63	77	53	64	18.17	cps
Gadolinium	160-1	117	225	142	161	35.21	cps
Gadolinium	160-2	217	167	210	198	13.73	cps
Holmium	165-1	10345757	10371548	10340980	10352762	0.16	cps
Holmium	165-2	5513878	5523836	5552808	5530174	0.37	cps
Indium	115-1	7912503	7953423	7821145	7895690	0.86	cps
Indium	115-2	1573073	1570188	1579023	1574095	0.29	cps
Iron	56-2	4145445	4140436	4138837	4141573	0.08	cps
Iron	57-2	104721	104693	105589	105001	0.49	cps
Krypton	83-1	170	150	180	167	9.17	cps
Lead	206-1	5370343	5352309	5322522	5348391	0.45	cps
Lead	207-1	4665753	4649259	4623096	4646036	0.46	cps
Lead	208-1	21949208	21998237	21869397	21938947	0.30	cps
Lithium	6-1	2828195	2829926	2833131	2830417	0.09	cps
Magnesium	24-2	238534	239441	238950	238975	0.19	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196382	196113	196124	196207	0.08	cps
Molybdenum	94-1	650718	659032	648066	652605	0.88	cps
Molybdenum	95-1	1152566	1150729	1140068	1147787	0.59	cps
Molybdenum	96-1	1229475	1230657	1232515	1230883	0.12	cps
Molybdenum	97-1	718180	719891	717893	718655	0.15	cps
Molybdenum	98-1	1859125	1845272	1834936	1846444	0.66	cps
Neodymium	150-1	33	80	33	49	55.12	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	344938	341879	342443	343087	0.47	cps
Phosphorus	31-2	16693	15826	16168	16229	2.69	cps
Potassium	39-2	1155185	1151747	1156755	1154562	0.22	cps
Rhodium	103-1	6891381	6913880	6859531	6888264	0.40	cps
Rhodium	103-2	3209897	3205852	3206954	3207567	0.07	cps
Scandium	45-1	4466470	4627549	4585768	4559929	1.83	cps
Scandium	45-2	176546	176345	176052	176314	0.14	cps
Selenium	77-2	11241	11255	11104	11200	0.74	cps
Selenium	78-2	38371	37901	38165	38146	0.62	cps
Selenium	82-1	259991	258955	256801	258582	0.63	cps
Silicon	28-1	3707523	3783921	3752712	3748052	1.02	cps
Silver	109-1	585143	581252	577672	581356	0.64	cps
Silver	107-1	605692	613577	603134	607468	0.90	cps
Sodium	23-2	676652	668932	668225	671269	0.70	cps
Strontium	86-1	393074	399674	398912	397220	0.91	cps
Strontium	88-1	3454094	3479648	3441250	3458331	0.57	cps
Sulfur	34-1	151843	153515	148458	151272	1.70	cps
Terbium	159-1	10607682	10692632	10631330	10643882	0.41	cps
Terbium	159-2	5393995	5388073	5433995	5405355	0.46	cps
Thallium	203-1	13917947	13919108	13954897	13930650	0.15	cps
Thallium	205-1	33223451	33338112	33092105	33217889	0.37	cps
Thorium	232-1	2628	2784	2600	2671	3.70	cps
Tin	118-1	3678008	3711045	3676809	3688621	0.53	cps
Titanium	47-1	162394	160801	160246	161147	0.69	cps
Uranium	238-1	2309	2284	2075	2223	5.77	cps
Vanadium	51-2	368858	369195	369585	369212	0.10	cps
Yttrium	89-1	19061614	19087927	18882854	19010798	0.59	cps
Yttrium	89-2	2644526	2627639	2631253	2634473	0.34	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01MSD	Instrumnet Name :	P7
Client Sample ID :	390805027MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:32:35	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63933	62192	64060	63395	1.65	cps
Zirconium	90-1	2334	2200	2025	2186	7.07	cps
Zirconium	91-1	1067	1125	917	1036	10.37	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99505	95999	97994	97833	1.80	cps
Antimony	121-1	4616465	4631407	4672251	4640041	0.62	cps
Arsenic	75-2	144829	145568	144712	145036	0.32	cps
Barium	135-1	302718	309221	308064	306667	1.13	cps
Barium	137-1	527617	539881	533651	533716	1.15	cps
Beryllium	9-1	276059	280017	279726	278600	0.79	cps
Bismuth	209-1	6551561	6601971	6686825	6613452	1.03	cps
Bismuth	209-2	4083999	4110356	4109919	4101424	0.37	cps
Boron	10-1	64464	66212	66321	65666	1.59	cps
Boron	11-1	293214	302221	301926	299120	1.71	cps
Cadmium	111-1	335077	336850	342681	338203	1.18	cps
Cadmium	106-1	35462	34284	35237	34994	1.79	cps
Cadmium	108-1	22472	22001	21896	22123	1.39	cps
Calcium	43-1	20106	20273	19622	20000	1.69	cps
Calcium	44-1	309590	314691	316819	313700	1.18	cps
Chromium	52-2	603292	601129	599899	601440	0.29	cps
Cobalt	59-2	512275	510617	508564	510485	0.36	cps
Copper	63-2	553824	553621	552604	553349	0.12	cps
Dysprosium	156-1	363773	361216	365712	363567	0.62	cps
Dysprosium	156-2	121622	121621	124100	122448	1.17	cps
Erbium	164-1	75	108	117	100	22.05	cps
Erbium	164-2	47	47	70	54	24.74	cps
Gadolinium	160-1	125	225	142	164	32.69	cps
Gadolinium	160-2	263	243	197	234	14.59	cps
Holmium	165-1	9940382	10030702	10180274	10050453	1.21	cps
Holmium	165-2	5451374	5489176	5480012	5473521	0.36	cps
Indium	115-1	7608208	7657778	7709227	7658404	0.66	cps
Indium	115-2	1549171	1552007	1547946	1549708	0.13	cps
Iron	56-2	4036498	4026314	4053849	4038887	0.34	cps
Iron	57-2	101431	100565	100323	100773	0.58	cps
Krypton	83-1	200	190	187	192	3.61	cps
Lead	206-1	5203773	5209254	5266855	5226627	0.67	cps
Lead	207-1	4542574	4540917	4578276	4553923	0.46	cps
Lead	208-1	21336882	21445137	21560749	21447589	0.52	cps
Lithium	6-1	2725360	2727772	2748336	2733822	0.46	cps
Magnesium	24-2	235524	232688	233764	233992	0.61	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	190976	190222	190715	190638	0.20	cps
Molybdenum	94-1	628325	630218	632531	630358	0.33	cps
Molybdenum	95-1	1102943	1119535	1119046	1113842	0.85	cps
Molybdenum	96-1	1181318	1188436	1187004	1185586	0.32	cps
Molybdenum	97-1	695916	692750	697453	695373	0.34	cps
Molybdenum	98-1	1787825	1788720	1791512	1789352	0.11	cps
Neodymium	150-1	67	47	53	56	18.33	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	338223	334195	333642	335354	0.75	cps
Phosphorus	31-2	15909	16368	15334	15870	3.27	cps
Potassium	39-2	1130059	1119065	1122531	1123885	0.50	cps
Rhodium	103-1	6655273	6672443	6708160	6678625	0.40	cps
Rhodium	103-2	3161621	3163874	3158265	3161253	0.09	cps
Scandium	45-1	4279892	4307579	4306422	4297964	0.36	cps
Scandium	45-2	173026	171705	173624	172785	0.57	cps
Selenium	77-2	11138	10884	11278	11100	1.80	cps
Selenium	78-2	37352	37248	37120	37240	0.31	cps
Selenium	82-1	250019	248891	248835	249249	0.27	cps
Silicon	28-1	3590656	3623019	3653341	3622339	0.87	cps
Silver	109-1	561520	552594	559773	557962	0.85	cps
Silver	107-1	582106	578476	586981	582521	0.73	cps
Sodium	23-2	659363	654646	654961	656323	0.40	cps
Strontium	86-1	374511	379013	385386	379637	1.44	cps
Strontium	88-1	3328919	3319059	3371773	3339917	0.84	cps
Sulfur	34-1	144587	141718	138144	141483	2.28	cps
Terbium	159-1	10258017	10371396	10403136	10344183	0.74	cps
Terbium	159-2	5333118	5312571	5351604	5332431	0.37	cps
Thallium	203-1	13487924	13499685	13652728	13546779	0.68	cps
Thallium	205-1	32319996	32596190	32976479	32630888	1.01	cps
Thorium	232-1	2489	2361	2367	2406	3.00	cps
Tin	118-1	3572559	3564635	3607278	3581490	0.63	cps
Titanium	47-1	154012	154425	155360	154599	0.45	cps
Uranium	238-1	2392	2109	2000	2167	9.33	cps
Vanadium	51-2	360344	358670	357360	358791	0.42	cps
Yttrium	89-1	18336012	18318889	18488343	18381081	0.51	cps
Yttrium	89-2	2593871	2583652	2589218	2588914	0.20	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4318-01A	Instrumnet Name :	P7
Client Sample ID :	390805027A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:36:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	62637	62098	62326	62354	0.43	cps
Zirconium	90-1	1642	1700	1842	1728	5.95	cps
Zirconium	91-1	850	908	1017	925	9.14	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	208	208	8.00	cps
Antimony	121-1	2134	2042	2167	2114	3.06	cps
Arsenic	75-2	150	146	119	138	12.44	cps
Barium	135-1	622727	621115	616073	619972	0.56	cps
Barium	137-1	1087112	1071386	1074090	1077529	0.78	cps
Beryllium	9-1	143	163	123	143	13.95	cps
Bismuth	209-1	6243115	6528587	6568903	6446868	2.75	cps
Bismuth	209-2	4076119	4067138	4064949	4069402	0.15	cps
Boron	10-1	15450	15467	15400	15439	0.22	cps
Boron	11-1	73596	73303	72860	73253	0.51	cps
Cadmium	111-1	4124	3693	4078	3965	5.97	cps
Cadmium	106-1	5793	5135	5676	5535	6.35	cps
Cadmium	108-1	8	25	17	17	50.01	cps
Calcium	43-1	1712875	1703828	1725331	1714011	0.63	cps
Calcium	44-1	28550670	28815355	28901355	28755793	0.64	cps
Chromium	52-2	4627	4744	4544	4639	2.17	cps
Cobalt	59-2	147	243	180	190	25.84	cps
Copper	63-2	16663	16830	16389	16627	1.34	cps
Dysprosium	156-1	125	142	150	139	9.16	cps
Dysprosium	156-2	50	80	57	62	25.32	cps
Erbium	164-1	58	100	108	89	30.13	cps
Erbium	164-2	40	50	50	47	12.37	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	150	223	213	196	20.34	cps
Holmium	165-1	10191604	10169400	10207043	10189349	0.19	cps
Holmium	165-2	5494081	5504048	5539082	5512404	0.43	cps
Indium	115-1	7796033	7867674	7911270	7858326	0.74	cps
Indium	115-2	1592486	1593050	1602527	1596021	0.35	cps
Iron	56-2	100274	102988	101747	101670	1.34	cps
Iron	57-2	11316	11572	11772	11553	1.98	cps
Krypton	83-1	207	163	173	181	12.53	cps
Lead	206-1	4462	4229	4017	4236	5.25	cps
Lead	207-1	3923	3895	3723	3847	2.82	cps
Lead	208-1	17310	16699	16532	16847	2.43	cps
Lithium	6-1	2690597	2683457	2682517	2685524	0.16	cps
Magnesium	24-2	1669305	1656273	1672575	1666051	0.52	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1387	1447	1420	1418	2.12	cps
Molybdenum	94-1	850	833	667	783	12.94	cps
Molybdenum	95-1	792	950	775	839	11.51	cps
Molybdenum	96-1	1117	917	900	978	12.33	cps
Molybdenum	97-1	508	517	558	528	5.08	cps
Molybdenum	98-1	1392	1233	1325	1317	6.04	cps
Neodymium	150-1	80	80	27	62	49.48	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	207	293	223	241	19.07	cps
Phosphorus	31-2	92	108	108	103	9.36	cps
Potassium	39-2	136834	138617	139963	138471	1.13	cps
Rhodium	103-1	6686260	6702823	6753052	6714045	0.52	cps
Rhodium	103-2	3167813	3182853	3179531	3176733	0.25	cps
Scandium	45-1	4415870	4426962	4460941	4434591	0.53	cps
Scandium	45-2	178305	179152	179985	179147	0.47	cps
Selenium	77-2	0	7	20	9	114.55	cps
Selenium	78-2	41	44	39	41	6.83	cps
Selenium	82-1	133	170	190	164	17.57	cps
Silicon	28-1	42843901	42425126	42899222	42722750	0.61	cps
Silver	109-1	142	133	150	142	5.88	cps
Silver	107-1	250	158	258	222	24.97	cps
Sodium	23-2	2189423	2195095	2194478	2192999	0.14	cps
Strontium	86-1	286378	284022	285171	285190	0.41	cps
Strontium	88-1	2502027	2474502	2491195	2489241	0.56	cps
Sulfur	34-1	386163	382049	380426	382879	0.77	cps
Terbium	159-1	10428355	10509970	10540463	10492929	0.55	cps
Terbium	159-2	5381640	5373652	5392786	5382692	0.18	cps
Thallium	203-1	5777	5401	5093	5424	6.31	cps
Thallium	205-1	13032	11947	11647	12209	5.97	cps
Thorium	232-1	2017	1872	1839	1909	4.95	cps
Tin	118-1	4217	4584	4084	4295	6.03	cps
Titanium	47-1	667	750	750	722	6.66	cps
Uranium	238-1	30754	31297	31122	31058	0.89	cps
Vanadium	51-2	2637	2507	2470	2538	3.45	cps
Yttrium	89-1	18852431	18806195	19091673	18916767	0.81	cps
Yttrium	89-2	2645644	2669908	2670131	2661894	0.53	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4345-01	Instrumnet Name :	P7
Client Sample ID :	390813053	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:39:48	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4441	4294	4327	4354	1.77	cps
Zirconium	90-1	825	833	950	870	8.04	cps
Zirconium	91-1	142	142	92	125	23.09	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2125	2067	1834	2009	7.69	cps
Antimony	121-1	1050	1075	1117	1081	3.12	cps
Arsenic	75-2	44	39	48	44	10.63	cps
Barium	135-1	12406	11689	12481	12192	3.59	cps
Barium	137-1	20533	20775	20808	20705	0.73	cps
Beryllium	9-1	77	93	90	87	10.17	cps
Bismuth	209-1	6531740	6581520	6566946	6560068	0.39	cps
Bismuth	209-2	4040899	4063617	4093875	4066130	0.65	cps
Boron	10-1	5360	5501	5326	5396	1.72	cps
Boron	11-1	24829	24003	24971	24601	2.13	cps
Cadmium	111-1	3954	4029	3973	3986	0.98	cps
Cadmium	106-1	5618	5710	5610	5646	0.98	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	236689	237062	238500	237417	0.40	cps
Calcium	44-1	3854670	3847940	3870867	3857825	0.31	cps
Chromium	52-2	397	427	427	417	4.16	cps
Cobalt	59-2	90	113	93	99	12.77	cps
Copper	63-2	10544	10624	10597	10588	0.39	cps
Dysprosium	156-1	25	67	83	58	51.51	cps
Dysprosium	156-2	17	43	27	29	46.62	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	33	67	43	48	35.81	cps
Gadolinium	160-1	67	83	25	58	51.51	cps
Gadolinium	160-2	210	183	180	191	8.61	cps
Holmium	165-1	10095448	10042666	10142058	10093391	0.49	cps
Holmium	165-2	5472349	5434725	5465317	5457464	0.37	cps
Indium	115-1	7844266	7838683	7820063	7834337	0.16	cps
Indium	115-2	1591926	1588180	1597474	1592527	0.29	cps
Iron	56-2	11933	11744	11900	11859	0.85	cps
Iron	57-2	1689	1545	1550	1595	5.13	cps
Krypton	83-1	177	160	153	163	7.36	cps
Lead	206-1	1461	1428	1539	1476	3.86	cps
Lead	207-1	1283	1361	1306	1317	3.04	cps
Lead	208-1	5262	5195	5334	5264	1.32	cps
Lithium	6-1	2663197	2646327	2657860	2655794	0.32	cps
Magnesium	24-2	333643	331244	333503	332796	0.40	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12599	12726	12949	12758	1.39	cps
Molybdenum	94-1	458	458	525	481	8.01	cps
Molybdenum	95-1	550	617	717	628	13.36	cps
Molybdenum	96-1	825	717	650	731	12.09	cps
Molybdenum	97-1	392	358	383	378	4.59	cps
Molybdenum	98-1	850	867	1050	922	12.03	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	220	203	190	204	7.35	cps
Phosphorus	31-2	1317	1217	1392	1308	6.71	cps
Potassium	39-2	96545	97847	98207	97533	0.90	cps
Rhodium	103-1	6759852	6770018	6782457	6770776	0.17	cps
Rhodium	103-2	3188639	3173330	3197813	3186594	0.39	cps
Scandium	45-1	4573821	4379213	4422224	4458419	2.29	cps
Scandium	45-2	177253	177711	177229	177398	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	67	59	57	19.93	cps
Selenium	82-1	85	101	132	106	22.53	cps
Silicon	28-1	6342118	6357238	6356246	6351867	0.13	cps
Silver	109-1	83	50	42	58	37.80	cps
Silver	107-1	225	158	217	200	18.16	cps
Sodium	23-2	5552259	5520273	5547812	5540115	0.31	cps
Strontium	86-1	74736	73774	74107	74206	0.66	cps
Strontium	88-1	652559	652134	649203	651299	0.28	cps
Sulfur	34-1	226166	229374	227738	227759	0.70	cps
Terbium	159-1	10421519	10394515	10367890	10394641	0.26	cps
Terbium	159-2	5299134	5320991	5341761	5320629	0.40	cps
Thallium	203-1	2059	1984	1717	1920	9.36	cps
Thallium	205-1	4001	4034	4093	4042	1.15	cps
Thorium	232-1	1795	1972	1739	1835	6.64	cps
Tin	118-1	1784	2100	2017	1967	8.35	cps
Titanium	47-1	467	508	483	486	4.31	cps
Uranium	238-1	2525	2267	2375	2389	5.43	cps
Vanadium	51-2	110	107	137	118	13.96	cps
Yttrium	89-1	18811687	18768154	18787750	18789197	0.12	cps
Yttrium	89-2	2636967	2617141	2654772	2636293	0.71	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4358-01	Instrumnet Name :	P7
Client Sample ID :	COLD-WATER-TEST-LE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:43:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2120	2117	2164	2134	1.22	cps
Zirconium	90-1	733	683	700	706	3.61	cps
Zirconium	91-1	167	108	100	125	29.06	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	350	367	350	4.76	cps
Antimony	121-1	2842	3192	3201	3078	6.65	cps
Arsenic	75-2	30	35	30	31	10.20	cps
Barium	135-1	492084	494878	492336	493099	0.31	cps
Barium	137-1	863114	856159	859498	859590	0.40	cps
Beryllium	9-1	87	77	60	74	18.10	cps
Bismuth	209-1	6113028	6440694	6079916	6211213	3.21	cps
Bismuth	209-2	3912968	3985372	3972299	3956879	0.98	cps
Boron	10-1	15058	15575	15583	15406	1.95	cps
Boron	11-1	69016	70641	70800	70152	1.41	cps
Cadmium	111-1	3744	3958	3882	3861	2.80	cps
Cadmium	106-1	5310	5610	5510	5476	2.79	cps
Cadmium	108-1	8	33	29	24	56.74	cps
Calcium	43-1	4784	4534	4718	4679	2.77	cps
Calcium	44-1	88817	87500	89379	88565	1.09	cps
Chromium	52-2	1473	1570	1693	1579	6.98	cps
Cobalt	59-2	190	323	300	271	26.26	cps
Copper	63-2	28291	29062	28281	28545	1.57	cps
Dysprosium	156-1	67	42	50	53	24.12	cps
Dysprosium	156-2	27	60	40	42	39.73	cps
Erbium	164-1	67	133	75	92	39.63	cps
Erbium	164-2	63	67	70	67	5.00	cps
Gadolinium	160-1	125	75	50	83	45.83	cps
Gadolinium	160-2	210	207	160	192	14.54	cps
Holmium	165-1	9936700	10086834	10062218	10028584	0.80	cps
Holmium	165-2	5337155	5445831	5433116	5405367	1.10	cps
Indium	115-1	7675345	7684434	7707751	7689176	0.22	cps
Indium	115-2	1527601	1551941	1562032	1547191	1.14	cps
Iron	56-2	11271	11627	11838	11579	2.48	cps
Iron	57-2	306	389	344	346	12.04	cps
Krypton	83-1	137	177	197	170	17.97	cps
Lead	206-1	9926	9670	10076	9891	2.07	cps
Lead	207-1	7914	8131	8080	8042	1.41	cps
Lead	208-1	36620	37199	37499	37106	1.20	cps
Lithium	6-1	2612945	2621346	2622582	2618957	0.20	cps
Magnesium	24-2	7736	7402	6593	7244	8.11	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3994	3861	3821	3892	2.33	cps
Molybdenum	94-1	600	583	667	617	7.15	cps
Molybdenum	95-1	542	583	525	550	5.46	cps
Molybdenum	96-1	708	675	817	733	10.10	cps
Molybdenum	97-1	367	350	317	344	7.39	cps
Molybdenum	98-1	733	917	817	822	11.16	cps
Neodymium	150-1	53	53	113	73	47.23	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	157	187	130	158	17.97	cps
Phosphorus	31-2	1275	1108	1233	1206	7.20	cps
Potassium	39-2	24763	24479	24446	24563	0.71	cps
Rhodium	103-1	6526441	6577963	6550277	6551560	0.39	cps
Rhodium	103-2	3048106	3110793	3109913	3089604	1.16	cps
Scandium	45-1	4305422	4276770	4471149	4351114	2.41	cps
Scandium	45-2	170340	171797	172396	171511	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	52	28	46	35.55	cps
Selenium	82-1	108	81	50	80	36.09	cps
Silicon	28-1	30761723	30585572	31005578	30784291	0.69	cps
Silver	109-1	150	108	108	122	19.68	cps
Silver	107-1	225	217	192	211	8.22	cps
Sodium	23-2	17076542	17174181	17173888	17141537	0.33	cps
Strontium	86-1	8119	7919	7661	7900	2.91	cps
Strontium	88-1	68723	69343	69394	69153	0.54	cps
Sulfur	34-1	254761	254453	252297	253837	0.53	cps
Terbium	159-1	10255948	10252899	10300655	10269834	0.26	cps
Terbium	159-2	5185273	5264398	5283268	5244313	0.99	cps
Thallium	203-1	1225	1100	1183	1170	5.44	cps
Thallium	205-1	2517	2459	2634	2536	3.51	cps
Thorium	232-1	1767	1922	1867	1852	4.26	cps
Tin	118-1	1584	1442	1533	1520	4.73	cps
Titanium	47-1	109135	108061	110696	109298	1.21	cps
Uranium	238-1	2359	2109	2142	2203	6.16	cps
Vanadium	51-2	100	77	100	92	14.61	cps
Yttrium	89-1	18450026	18402263	18487663	18446651	0.23	cps
Yttrium	89-2	2538274	2579449	2582325	2566683	0.96	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4359-01	Instrumnet Name :	P7
Client Sample ID :	390812074	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:47:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56937	58032	57590	57520	0.96	cps
Zirconium	90-1	1192	1117	1158	1156	3.25	cps
Zirconium	91-1	242	183	308	244	25.59	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1850	2025	2092	1989	6.28	cps
Antimony	121-1	700	617	667	661	6.34	cps
Arsenic	75-2	43	46	44	44	4.17	cps
Barium	135-1	11138	10513	10938	10863	2.94	cps
Barium	137-1	18730	18630	18863	18741	0.63	cps
Beryllium	9-1	50	93	53	66	36.78	cps
Bismuth	209-1	5989365	6542001	6548963	6360110	5.05	cps
Bismuth	209-2	4010899	4024599	4064787	4033428	0.69	cps
Boron	10-1	3676	3476	3667	3606	3.14	cps
Boron	11-1	17252	17627	16743	17208	2.58	cps
Cadmium	111-1	3920	3680	4029	3876	4.60	cps
Cadmium	106-1	5551	5243	5735	5510	4.51	cps
Cadmium	108-1	17	21	33	24	36.73	cps
Calcium	43-1	221807	221272	222001	221693	0.17	cps
Calcium	44-1	3587431	3592270	3599103	3592935	0.16	cps
Chromium	52-2	367	413	387	389	6.02	cps
Cobalt	59-2	90	77	133	100	29.63	cps
Copper	63-2	166376	166391	168824	167197	0.84	cps
Dysprosium	156-1	33	17	25	25	33.34	cps
Dysprosium	156-2	23	23	33	27	21.65	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	47	60	27	44	37.74	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	163	217	190	190	14.03	cps
Holmium	165-1	9622369	9989502	10096759	9902877	2.51	cps
Holmium	165-2	5389003	5421476	5441682	5417387	0.49	cps
Indium	115-1	7445084	7766686	7782004	7664591	2.48	cps
Indium	115-2	1570869	1590159	1582049	1581026	0.61	cps
Iron	56-2	19246	19113	19569	19309	1.21	cps
Iron	57-2	1800	1795	1706	1767	3.00	cps
Krypton	83-1	140	170	153	154	9.73	cps
Lead	206-1	27184	26071	26009	26421	2.50	cps
Lead	207-1	20744	19993	19698	20145	2.68	cps
Lead	208-1	97962	96030	95133	96375	1.50	cps
Lithium	6-1	2543684	2613320	2618440	2591815	1.61	cps
Magnesium	24-2	384986	389587	386837	387137	0.60	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54691	55612	55176	55160	0.83	cps
Molybdenum	94-1	817	692	758	756	8.28	cps
Molybdenum	95-1	350	342	317	336	5.16	cps
Molybdenum	96-1	458	583	500	514	12.39	cps
Molybdenum	97-1	200	275	242	239	15.73	cps
Molybdenum	98-1	600	675	792	689	14.02	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	303	273	283	287	5.33	cps
Phosphorus	31-2	1525	1533	1483	1514	1.77	cps
Potassium	39-2	84399	84173	85706	84759	0.98	cps
Rhodium	103-1	6438502	6695221	6661904	6598543	2.12	cps
Rhodium	103-2	3140074	3174715	3184854	3166548	0.74	cps
Scandium	45-1	4183174	4344317	4340423	4289305	2.14	cps
Scandium	45-2	173762	175276	176251	175096	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	39	41	40	2.66	cps
Selenium	82-1	88	103	90	94	8.48	cps
Silicon	28-1	10769209	10855058	10875044	10833104	0.52	cps
Silver	109-1	92	75	158	108	40.71	cps
Silver	107-1	125	133	208	156	29.50	cps
Sodium	23-2	5347583	5372944	5389820	5370116	0.40	cps
Strontium	86-1	63483	61667	62780	62643	1.46	cps
Strontium	88-1	545431	546822	546573	546275	0.14	cps
Sulfur	34-1	247133	252928	251988	250683	1.24	cps
Terbium	159-1	9947205	10339649	10305472	10197442	2.13	cps
Terbium	159-2	5271756	5305535	5313722	5297005	0.42	cps
Thallium	203-1	950	975	1033	986	4.34	cps
Thallium	205-1	1984	1909	1609	1834	10.82	cps
Thorium	232-1	1778	1639	1878	1765	6.80	cps
Tin	118-1	1383	1225	1233	1281	6.96	cps
Titanium	47-1	667	742	575	661	12.63	cps
Uranium	238-1	2225	2259	2234	2239	0.78	cps
Vanadium	51-2	113	93	147	118	22.87	cps
Yttrium	89-1	17813548	18493869	18684376	18330598	2.50	cps
Yttrium	89-2	2589167	2619663	2636204	2615012	0.91	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4360-01	Instrumnet Name :	P7
Client Sample ID :	390812073	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:50:39	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20271	19620	20211	20034	1.80	cps
Zirconium	90-1	1525	1275	1383	1395	8.99	cps
Zirconium	91-1	283	267	308	286	7.33	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2587704	2588010	2604379	2593364	0.37	cps
Antimony	121-1	2846195	2825348	2823831	2831791	0.44	cps
Arsenic	75-2	89518	90026	89659	89734	0.29	cps
Barium	135-1	3792301	3777619	3791834	3787251	0.22	cps
Barium	137-1	6910402	6908074	6923271	6913916	0.12	cps
Beryllium	9-1	680786	674178	678812	677926	0.50	cps
Bismuth	209-1	5984462	5970194	5940179	5964945	0.38	cps
Bismuth	209-2	3798334	3787912	3799835	3795360	0.17	cps
Boron	10-1	103538	103999	104459	103998	0.44	cps
Boron	11-1	463043	470130	471673	468282	0.98	cps
Cadmium	111-1	887245	882385	884543	884724	0.28	cps
Cadmium	106-1	101168	99850	100597	100539	0.66	cps
Cadmium	108-1	65706	64727	64810	65081	0.83	cps
Calcium	43-1	4340843	4318329	4319424	4326198	0.29	cps
Calcium	44-1	72630870	72604916	72384170	72539986	0.19	cps
Chromium	52-2	740782	739076	739276	739711	0.13	cps
Cobalt	59-2	1194218	1197217	1199365	1196934	0.22	cps
Copper	63-2	1807615	1818233	1817586	1814478	0.33	cps
Dysprosium	156-1	142	125	108	125	13.33	cps
Dysprosium	156-2	80	137	120	112	25.95	cps
Erbium	164-1	108	67	75	83	26.46	cps
Erbium	164-2	57	50	93	67	35.00	cps
Gadolinium	160-1	83	33	150	89	65.85	cps
Gadolinium	160-2	197	177	203	192	7.22	cps
Holmium	165-1	10435947	10395103	10407189	10412746	0.20	cps
Holmium	165-2	5490462	5506101	5538394	5511652	0.44	cps
Indium	115-1	7479305	7447693	7496810	7474603	0.33	cps
Indium	115-2	1488688	1479682	1487171	1485180	0.32	cps
Iron	56-2	165558754	165057098	166068987	165561613	0.31	cps
Iron	57-2	4001946	4018763	4022498	4014402	0.27	cps
Krypton	83-1	157	167	200	174	13.01	cps
Lead	206-1	2586012	2600904	2586335	2591084	0.33	cps
Lead	207-1	2247976	2251849	2256352	2252059	0.19	cps
Lead	208-1	10220751	10284674	10273781	10259735	0.33	cps
Lithium	6-1	2640715	2606034	2620914	2622554	0.66	cps
Magnesium	24-2	29025570	28910435	29134978	29023661	0.39	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	939085	943544	949798	944142	0.57	cps
Molybdenum	94-1	6322838	6308226	6314800	6315288	0.12	cps
Molybdenum	95-1	7793135	7789954	7761686	7781592	0.22	cps
Molybdenum	96-1	8655532	8631572	8614416	8633840	0.24	cps
Molybdenum	97-1	4635226	4616140	4625594	4625653	0.21	cps
Molybdenum	98-1	12590128	12530445	12615764	12578779	0.35	cps
Neodymium	150-1	353	293	313	320	9.55	cps
Neodymium	150-2	33	23	100	52	79.82	cps
Nickel	60-2	302536	304648	306125	304437	0.59	cps
Phosphorus	31-2	26983	27151	27793	27309	1.57	cps
Potassium	39-2	14110871	14149497	14168051	14142806	0.21	cps
Rhodium	103-1	6176086	6123847	6107751	6135895	0.58	cps
Rhodium	103-2	2852562	2873534	2872798	2866298	0.42	cps
Scandium	45-1	4297609	4251348	4252852	4267270	0.62	cps
Scandium	45-2	171421	171571	174851	172614	1.12	cps
Selenium	77-2	2554	2654	2650	2619	2.17	cps
Selenium	78-2	8808	8814	9083	8902	1.76	cps
Selenium	82-1	60452	59568	59489	59836	0.89	cps
Silicon	28-1	2054548	2065609	2084025	2068061	0.72	cps
Silver	109-1	3701281	3700003	3701300	3700861	0.02	cps
Silver	107-1	3836364	3822844	3819960	3826389	0.23	cps
Sodium	23-2	54078422	53979441	54004324	54020729	0.10	cps
Strontium	86-1	951685	948913	944342	948313	0.39	cps
Strontium	88-1	8707466	8681011	8702362	8696946	0.16	cps
Sulfur	34-1	498256	487704	485295	490419	1.41	cps
Terbium	159-1	10704637	10541830	10637916	10628128	0.77	cps
Terbium	159-2	5327236	5333407	5365672	5342105	0.39	cps
Thallium	203-1	3197097	3211917	3203658	3204224	0.23	cps
Thallium	205-1	8103269	8112221	8065055	8093515	0.31	cps
Thorium	232-1	11447412	11561658	11634963	11548011	0.82	cps
Tin	118-1	2514169	2532457	2503560	2516729	0.58	cps
Titanium	47-1	1899425	1881977	1884612	1888671	0.50	cps
Uranium	238-1	10975872	11000405	11095880	11024053	0.58	cps
Vanadium	51-2	596008	594606	599717	596777	0.44	cps
Yttrium	89-1	18451136	18323972	18173046	18316051	0.76	cps
Yttrium	89-2	2551593	2545876	2547151	2548207	0.12	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:54:15	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	328527	330118	333979	330875	0.85	cps
Zirconium	90-1	4886974	4866473	4843795	4865747	0.44	cps
Zirconium	91-1	1085240	1082031	1083032	1083434	0.15	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	183	258	247	23.92	cps
Antimony	121-1	2934	3542	3242	3239	9.39	cps
Arsenic	75-2	26	20	15	20	27.30	cps
Barium	135-1	583	575	442	533	14.91	cps
Barium	137-1	950	842	742	845	12.34	cps
Beryllium	9-1	170	190	167	176	7.19	cps
Bismuth	209-1	6804795	6834324	6779764	6806295	0.40	cps
Bismuth	209-2	4099521	4328499	4629171	4352397	6.10	cps
Boron	10-1	5009	4834	4518	4787	5.21	cps
Boron	11-1	22401	21958	20131	21496	5.60	cps
Cadmium	111-1	4058	4104	4178	4114	1.47	cps
Cadmium	106-1	5585	5626	5701	5637	1.05	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Calcium	43-1	767	667	625	686	10.61	cps
Calcium	44-1	16277	16127	14500	15635	6.30	cps
Chromium	52-2	330	360	267	319	14.94	cps
Cobalt	59-2	113	117	127	119	5.84	cps
Copper	63-2	733	650	657	680	6.81	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	17	20	17	18	10.81	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	40	37	53	43	20.34	cps
Gadolinium	160-1	75	25	42	47	53.91	cps
Gadolinium	160-2	160	207	207	191	14.10	cps
Holmium	165-1	10314762	10287128	10211128	10271006	0.52	cps
Holmium	165-2	5461261	5783755	6350068	5865028	7.67	cps
Indium	115-1	7963889	8001474	8022887	7996083	0.37	cps
Indium	115-2	1599287	1697406	1808176	1701623	6.14	cps
Iron	56-2	15937	15425	13773	15045	7.51	cps
Iron	57-2	489	333	361	394	21.03	cps
Krypton	83-1	153	173	170	166	6.47	cps
Lead	206-1	1406	1167	1178	1250	10.79	cps
Lead	207-1	1078	1195	1189	1154	5.71	cps
Lead	208-1	5001	4589	4595	4728	4.99	cps
Lithium	6-1	2713554	2709386	2721301	2714747	0.22	cps
Magnesium	24-2	2867	1884	1975	2242	24.23	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	107	123	114	7.33	cps
Molybdenum	94-1	2159	1550	1542	1750	20.21	cps
Molybdenum	95-1	2700	2100	1909	2236	18.47	cps
Molybdenum	96-1	2909	2550	2242	2567	13.00	cps
Molybdenum	97-1	1408	1275	1117	1267	11.53	cps
Molybdenum	98-1	3626	3234	2934	3264	10.63	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	77	50	100	76	33.11	cps
Phosphorus	31-2	83	50	75	69	24.98	cps
Potassium	39-2	11797	11588	11071	11485	3.25	cps
Rhodium	103-1	6927750	6951174	6897192	6925372	0.39	cps
Rhodium	103-2	3232912	3428215	3621526	3427551	5.67	cps
Scandium	45-1	4618359	4442589	4625597	4562182	2.27	cps
Scandium	45-2	176288	187615	202027	188643	6.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	48	52	49	5.79	cps
Selenium	82-1	108	100	74	94	18.70	cps
Silicon	28-1	98960	97349	97089	97799	1.04	cps
Silver	109-1	892	883	717	831	11.89	cps
Silver	107-1	942	1158	942	1014	12.34	cps
Sodium	23-2	15575	15358	15058	15331	1.69	cps
Strontium	86-1	367	400	533	433	20.35	cps
Strontium	88-1	1200	1250	1000	1150	11.50	cps
Sulfur	34-1	173693	174282	177511	175162	1.17	cps
Terbium	159-1	10524298	10521919	10511020	10519079	0.07	cps
Terbium	159-2	5314659	5601580	6196415	5704218	7.88	cps
Thallium	203-1	1800	1809	1575	1728	7.66	cps
Thallium	205-1	4293	3667	3509	3823	10.84	cps
Thorium	232-1	5674	5151	5657	5494	5.41	cps
Tin	118-1	2367	2142	1842	2117	12.44	cps
Titanium	47-1	358	350	367	358	2.33	cps
Uranium	238-1	3567	3767	3117	3484	9.56	cps
Vanadium	51-2	70	27	33	43	53.85	cps
Yttrium	89-1	19006616	19033870	18987310	19009265	0.12	cps
Yttrium	89-2	2645421	2818424	2973285	2812377	5.83	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 14:57:52	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	257	310	327	298	12.28	cps
Zirconium	90-1	1700	1267	1342	1436	16.13	cps
Zirconium	91-1	350	317	308	325	6.78	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083	1233	1058	1125	8.41	cps
Antimony	121-1	12406	12673	12064	12381	2.46	cps
Arsenic	75-2	215	239	228	227	5.30	cps
Barium	135-1	16093	15868	15217	15726	2.89	cps
Barium	137-1	27787	27937	26927	27551	1.98	cps
Beryllium	9-1	1613	1523	1513	1550	3.55	cps
Bismuth	209-1	6806683	6803975	6824814	6811824	0.17	cps
Bismuth	209-2	4154259	4204516	4168007	4175594	0.62	cps
Boron	10-1	7469	7877	7877	7741	3.05	cps
Boron	11-1	34783	36470	36178	35810	2.52	cps
Cadmium	111-1	5718	5982	5853	5851	2.25	cps
Cadmium	106-1	5843	5826	6193	5954	3.48	cps
Cadmium	108-1	163	150	113	142	18.37	cps
Calcium	43-1	9428	9345	9679	9484	1.83	cps
Calcium	44-1	165905	161127	160807	162613	1.76	cps
Chromium	52-2	3554	3641	3490	3562	2.11	cps
Cobalt	59-2	2867	2694	2740	2767	3.24	cps
Copper	63-2	4227	4201	4167	4198	0.72	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	17	20	23	20	16.65	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	33	53	27	38	36.73	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	180	203	163	182	11.03	cps
Holmium	165-1	10353581	10350457	10367610	10357216	0.09	cps
Holmium	165-2	5534327	5616785	5579186	5576766	0.74	cps
Indium	115-1	8112026	8149019	8163265	8141437	0.32	cps
Indium	115-2	1639798	1649385	1643007	1644063	0.30	cps
Iron	56-2	83782	86157	84962	84967	1.40	cps
Iron	57-2	2234	2322	2267	2274	1.98	cps
Krypton	83-1	163	170	200	178	10.99	cps
Lead	206-1	6480	6329	6402	6404	1.17	cps
Lead	207-1	5718	5435	5763	5638	3.15	cps
Lead	208-1	24804	24237	25638	24893	2.83	cps
Lithium	6-1	2784304	2788835	2790560	2787900	0.12	cps
Magnesium	24-2	63108	62907	62958	62991	0.17	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177	1117	1240	1178	5.24	cps
Molybdenum	94-1	12648	13273	12339	12753	3.73	cps
Molybdenum	95-1	16652	15267	15943	15954	4.34	cps
Molybdenum	96-1	17645	16719	17545	17303	2.94	cps
Molybdenum	97-1	9779	9612	9937	9776	1.66	cps
Molybdenum	98-1	25465	25073	25691	25410	1.23	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	707	833	680	740	11.07	cps
Phosphorus	31-2	208	150	267	208	28.00	cps
Potassium	39-2	67689	69136	68484	68436	1.06	cps
Rhodium	103-1	7087922	7091922	7155942	7111929	0.54	cps
Rhodium	103-2	3327004	3339634	3330730	3332456	0.19	cps
Scandium	45-1	4740038	4744374	4735513	4739975	0.09	cps
Scandium	45-2	182651	184188	182445	183095	0.52	cps
Selenium	77-2	10	40	27	26	58.81	cps
Selenium	78-2	161	159	152	157	3.11	cps
Selenium	82-1	696	768	743	736	4.99	cps
Silicon	28-1	126936	129027	127801	127921	0.82	cps
Silver	109-1	8053	8311	8445	8269	2.41	cps
Silver	107-1	8995	8653	8661	8770	2.22	cps
Sodium	23-2	122405	122228	120933	121855	0.66	cps
Strontium	86-1	2467	2284	2184	2311	6.22	cps
Strontium	88-1	18846	17612	17503	17987	4.15	cps
Sulfur	34-1	179990	183162	179923	181025	1.02	cps
Terbium	159-1	10723766	10667269	10639522	10676852	0.40	cps
Terbium	159-2	5393187	5454673	5431414	5426425	0.57	cps
Thallium	203-1	7553	7611	7036	7400	4.28	cps
Thallium	205-1	18522	17654	17479	17885	3.12	cps
Thorium	232-1	23238	22181	22732	22717	2.33	cps
Tin	118-1	28104	27561	27879	27848	0.98	cps
Titanium	47-1	4159	3934	4167	4087	3.24	cps
Uranium	238-1	22237	22036	22212	22162	0.49	cps
Vanadium	51-2	6525	6692	6465	6560	1.79	cps
Yttrium	89-1	19453088	19545316	19506651	19501685	0.24	cps
Yttrium	89-2	2725949	2735980	2729554	2730494	0.19	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:01:28	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1090	1057	1083	1077	1.64	cps
Zirconium	90-1	10488	10196	10438	10374	1.50	cps
Zirconium	91-1	2467	2275	2425	2389	4.22	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212234	211374	214396	212668	0.73	cps
Antimony	121-1	5560	5593	6110	5754	5.36	cps
Arsenic	75-2	2339	2330	2426	2365	2.25	cps
Barium	135-1	164841	165734	164502	165026	0.39	cps
Barium	137-1	285556	286575	283651	285260	0.52	cps
Beryllium	9-1	407	440	500	449	10.54	cps
Bismuth	209-1	6763627	6828378	6798202	6796736	0.48	cps
Bismuth	209-2	4169572	4216672	4272951	4219732	1.23	cps
Boron	10-1	2792	2609	2617	2673	3.87	cps
Boron	11-1	12781	12464	12139	12461	2.58	cps
Cadmium	111-1	6774	6537	6221	6511	4.26	cps
Cadmium	106-1	6268	6343	5918	6177	3.67	cps
Cadmium	108-1	217	225	192	211	8.22	cps
Calcium	43-1	53071	53113	51482	52555	1.77	cps
Calcium	44-1	860896	866052	861920	862956	0.32	cps
Chromium	52-2	152934	150980	155594	153169	1.51	cps
Cobalt	59-2	13740	14541	14307	14196	2.90	cps
Copper	63-2	415526	419912	429115	421517	1.65	cps
Dysprosium	156-1	8770	9345	9195	9103	3.28	cps
Dysprosium	156-2	5294	5351	5211	5286	1.33	cps
Erbium	164-1	7477	7761	8111	7783	4.08	cps
Erbium	164-2	4434	4554	4291	4426	2.98	cps
Gadolinium	160-1	9003	8703	8595	8767	2.41	cps
Gadolinium	160-2	5508	5531	5695	5578	1.82	cps
Holmium	165-1	10394236	10533713	10529102	10485684	0.76	cps
Holmium	165-2	5629710	5621475	5749666	5666950	1.27	cps
Indium	115-1	8244959	8280235	8263347	8262847	0.21	cps
Indium	115-2	1667725	1673674	1688791	1676730	0.65	cps
Iron	56-2	12039484	12077442	12289177	12135368	1.11	cps
Iron	57-2	290784	293162	295009	292985	0.72	cps
Krypton	83-1	227	113	167	169	33.57	cps
Lead	206-1	2085492	2104284	2089211	2092996	0.48	cps
Lead	207-1	1734741	1755215	1731858	1740605	0.73	cps
Lead	208-1	8033708	8105342	8023710	8054253	0.55	cps
Lithium	6-1	2832467	2859949	2848752	2847056	0.49	cps
Magnesium	24-2	229584	227991	233507	230361	1.23	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213010	214128	219979	215706	1.74	cps
Molybdenum	94-1	9195	9278	8720	9064	3.32	cps
Molybdenum	95-1	11705	11730	11664	11700	0.29	cps
Molybdenum	96-1	13307	13257	13457	13340	0.78	cps
Molybdenum	97-1	6777	7127	7411	7105	4.47	cps
Molybdenum	98-1	18721	18680	19372	18924	2.05	cps
Neodymium	150-1	12459	12426	12119	12335	1.52	cps
Neodymium	150-2	5431	5521	5391	5448	1.22	cps
Nickel	60-2	26875	27753	28064	27564	2.24	cps
Phosphorus	31-2	2009	1875	2009	1964	3.92	cps
Potassium	39-2	42161	41384	42019	41855	0.99	cps
Rhodium	103-1	7211443	7249623	7250924	7237330	0.31	cps
Rhodium	103-2	3375275	3395288	3450102	3406888	1.14	cps
Scandium	45-1	4855047	4882947	4888559	4875518	0.37	cps
Scandium	45-2	187858	190140	192605	190201	1.25	cps
Selenium	77-2	20	7	23	17	52.90	cps
Selenium	78-2	67	59	48	58	16.06	cps
Selenium	82-1	67	204	146	139	49.41	cps
Silicon	28-1	2790619	2821107	2831461	2814396	0.75	cps
Silver	109-1	6743	7235	7019	6999	3.52	cps
Silver	107-1	7019	6927	7319	7088	2.89	cps
Sodium	23-2	18804	18462	20081	19116	4.46	cps
Strontium	86-1	27335	27677	27335	27449	0.72	cps
Strontium	88-1	236639	237747	237952	237446	0.30	cps
Sulfur	34-1	187574	184992	182884	185150	1.27	cps
Terbium	159-1	10679954	10829000	10787533	10765496	0.71	cps
Terbium	159-2	5482645	5523102	5614179	5539975	1.22	cps
Thallium	203-1	1275	1442	1600	1439	11.30	cps
Thallium	205-1	3226	3517	3151	3298	5.88	cps
Thorium	232-1	5323	5268	5357	5316	0.85	cps
Tin	118-1	445875	451593	447753	448407	0.65	cps
Titanium	47-1	18813	18220	19355	18796	3.02	cps
Uranium	238-1	12540	12715	11964	12406	3.17	cps
Vanadium	51-2	13553	13383	13687	13541	1.12	cps
Yttrium	89-1	19927799	20134551	20060991	20041113	0.52	cps
Yttrium	89-2	2799773	2805936	2844818	2816842	0.87	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4042-15DLX5	Instrumnet Name :	P7
Client Sample ID :	MBENW8	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 15:05:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	247197	247207	253180	249195	1.39	cps
Zirconium	90-1	6418	6935	6677	6677	3.87	cps
Zirconium	91-1	1508	1283	1675	1489	13.20	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2284	2492	2300	2359	4.91	cps
Antimony	121-1	792	717	800	770	5.97	cps
Arsenic	75-2	41	48	37	42	13.48	cps
Barium	135-1	11680	11263	11322	11422	1.98	cps
Barium	137-1	19448	20649	20182	20093	3.02	cps
Beryllium	9-1	80	60	100	80	25.00	cps
Bismuth	209-1	6556968	6559274	6631589	6582610	0.64	cps
Bismuth	209-2	4001348	4054707	4057068	4037708	0.78	cps
Boron	10-1	3501	2975	3317	3264	8.16	cps
Boron	11-1	15834	15508	15292	15545	1.76	cps
Cadmium	111-1	3776	3957	3752	3828	2.92	cps
Cadmium	106-1	5310	5610	5301	5407	3.25	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	237630	238958	234254	236947	1.02	cps
Calcium	44-1	3848610	3829817	3816059	3831496	0.43	cps
Chromium	52-2	500	430	357	429	16.71	cps
Cobalt	59-2	97	57	107	87	30.53	cps
Copper	63-2	46363	46601	45644	46203	1.08	cps
Dysprosium	156-1	25	75	67	56	48.22	cps
Dysprosium	156-2	20	27	13	20	33.35	cps
Erbium	164-1	75	58	100	78	26.96	cps
Erbium	164-2	43	63	60	56	19.29	cps
Gadolinium	160-1	83	42	100	75	40.06	cps
Gadolinium	160-2	180	170	203	184	9.28	cps
Holmium	165-1	10172065	10245563	10307514	10241714	0.66	cps
Holmium	165-2	5485390	5476133	5507061	5489528	0.29	cps
Indium	115-1	7992857	8069101	8026104	8029354	0.48	cps
Indium	115-2	1601701	1600860	1601055	1601205	0.03	cps
Iron	56-2	16143	15631	15420	15731	2.36	cps
Iron	57-2	1600	1561	1772	1645	6.83	cps
Krypton	83-1	163	150	177	163	8.16	cps
Lead	206-1	212487	211308	211629	211808	0.29	cps
Lead	207-1	173163	173362	173210	173245	0.06	cps
Lead	208-1	807823	806516	806495	806945	0.09	cps
Lithium	6-1	2734296	2731048	2724644	2729996	0.18	cps
Magnesium	24-2	388140	390043	390926	389703	0.37	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33695	33989	33756	33813	0.46	cps
Molybdenum	94-1	958	958	1067	995	6.29	cps
Molybdenum	95-1	525	542	575	547	4.65	cps
Molybdenum	96-1	708	742	617	689	9.40	cps
Molybdenum	97-1	325	358	325	336	5.72	cps
Molybdenum	98-1	767	667	800	745	9.32	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	240	200	187	209	13.29	cps
Phosphorus	31-2	1508	1633	1550	1564	4.07	cps
Potassium	39-2	85681	85453	86837	85990	0.86	cps
Rhodium	103-1	6907511	6954075	7001665	6954417	0.68	cps
Rhodium	103-2	3225237	3209438	3216495	3217057	0.25	cps
Scandium	45-1	4755066	4742755	4718151	4738657	0.40	cps
Scandium	45-2	178302	179163	179647	179037	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	46	41	41	11.27	cps
Selenium	82-1	102	156	125	128	21.29	cps
Silicon	28-1	11522108	11471488	11480263	11491286	0.24	cps
Silver	109-1	142	83	83	103	32.76	cps
Silver	107-1	167	250	242	219	20.91	cps
Sodium	23-2	5498813	5474909	5478898	5484207	0.23	cps
Strontium	86-1	67383	67283	68187	67618	0.73	cps
Strontium	88-1	590371	587290	586587	588083	0.34	cps
Sulfur	34-1	274061	267658	268257	269992	1.31	cps
Terbium	159-1	10524290	10497715	10553587	10525197	0.27	cps
Terbium	159-2	5368162	5345114	5395776	5369684	0.47	cps
Thallium	203-1	1025	817	708	850	18.93	cps
Thallium	205-1	1408	1458	1467	1445	2.18	cps
Thorium	232-1	2189	2084	2156	2143	2.52	cps
Tin	118-1	8336	8044	8303	8228	1.94	cps
Titanium	47-1	817	442	825	694	31.53	cps
Uranium	238-1	2800	2084	2375	2420	14.90	cps
Vanadium	51-2	143	170	183	166	12.30	cps
Yttrium	89-1	19265610	19335140	19233012	19277921	0.27	cps
Yttrium	89-2	2668806	2671229	2656480	2665505	0.30	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01	Instrumnet Name :	P7
Client Sample ID :	390812072	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:08:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24561	24394	24534	24496	0.37	cps
Zirconium	90-1	1775	1875	1750	1800	3.67	cps
Zirconium	91-1	458	433	317	403	18.77	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750	1325	1450	1508	14.48	cps
Antimony	121-1	617	675	675	656	5.14	cps
Arsenic	75-2	39	20	19	26	43.45	cps
Barium	135-1	658	750	533	647	16.80	cps
Barium	137-1	1017	1025	983	1008	2.19	cps
Beryllium	9-1	70	83	87	80	11.02	cps
Bismuth	209-1	6644529	6681251	6658860	6661547	0.28	cps
Bismuth	209-2	4073376	4097855	4026260	4065830	0.89	cps
Boron	10-1	3417	3459	3501	3459	1.21	cps
Boron	11-1	16735	16810	15901	16482	3.06	cps
Cadmium	111-1	4110	3867	3903	3960	3.31	cps
Cadmium	106-1	5826	5485	5518	5610	3.36	cps
Cadmium	108-1	8	8	25	14	69.31	cps
Calcium	43-1	151451	153162	150063	151559	1.02	cps
Calcium	44-1	2434609	2416836	2432939	2428128	0.40	cps
Chromium	52-2	400	303	297	333	17.35	cps
Cobalt	59-2	40	53	27	40	33.33	cps
Copper	63-2	1460	1493	1447	1467	1.64	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	37	40	47	41	12.39	cps
Gadolinium	160-1	25	100	50	58	65.47	cps
Gadolinium	160-2	167	157	177	167	6.00	cps
Holmium	165-1	10209747	10354296	10375814	10313286	0.88	cps
Holmium	165-2	5519732	5523513	5475808	5506351	0.48	cps
Indium	115-1	7961440	7971939	7973805	7969061	0.08	cps
Indium	115-2	1587381	1593368	1587619	1589456	0.21	cps
Iron	56-2	5184	5157	5368	5236	2.19	cps
Iron	57-2	895	1039	1128	1020	11.54	cps
Krypton	83-1	203	143	117	154	28.74	cps
Lead	206-1	2556	2795	2578	2643	4.99	cps
Lead	207-1	2623	2489	2367	2493	5.13	cps
Lead	208-1	10324	10357	10185	10289	0.89	cps
Lithium	6-1	2672667	2685096	2689007	2682257	0.32	cps
Magnesium	24-2	441513	443059	434111	439561	1.09	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1310	1270	1270	1283	1.80	cps
Molybdenum	94-1	667	533	633	611	11.35	cps
Molybdenum	95-1	517	467	467	483	5.97	cps
Molybdenum	96-1	567	625	533	575	8.07	cps
Molybdenum	97-1	292	308	350	317	9.49	cps
Molybdenum	98-1	800	758	925	828	10.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	90	93	120	101	16.26	cps
Phosphorus	31-2	1425	1542	1859	1608	13.94	cps
Potassium	39-2	850041	853262	842011	848438	0.68	cps
Rhodium	103-1	6808821	6815230	6861923	6828658	0.42	cps
Rhodium	103-2	3190014	3183055	3160918	3177996	0.48	cps
Scandium	45-1	4418985	4640946	4433814	4497915	2.76	cps
Scandium	45-2	176358	175735	173830	175307	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	44	30	36	20.54	cps
Selenium	82-1	62	107	110	93	29.01	cps
Silicon	28-1	13506787	13429691	13455460	13463980	0.29	cps
Silver	109-1	83	100	92	92	9.09	cps
Silver	107-1	158	158	233	183	23.62	cps
Sodium	23-2	6148291	6155726	6057272	6120429	0.90	cps
Strontium	86-1	11163	11130	11655	11316	2.60	cps
Strontium	88-1	100921	100879	102700	101500	1.02	cps
Sulfur	34-1	242475	243719	245466	243887	0.62	cps
Terbium	159-1	10594323	10585286	10623716	10601108	0.19	cps
Terbium	159-2	5330731	5358861	5314429	5334674	0.42	cps
Thallium	203-1	633	533	575	581	8.65	cps
Thallium	205-1	1200	1058	1325	1195	11.17	cps
Thorium	232-1	2161	2178	2017	2119	4.18	cps
Tin	118-1	1417	1175	1375	1322	9.77	cps
Titanium	47-1	717	850	925	831	12.71	cps
Uranium	238-1	2334	2309	2117	2253	5.26	cps
Vanadium	51-2	157	157	193	169	12.54	cps
Yttrium	89-1	18881370	19057245	19045581	18994732	0.52	cps
Yttrium	89-2	2644452	2648745	2611285	2634827	0.78	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4362-01	Instrumnet Name :	P7
Client Sample ID :	390812071	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:12:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1037	1000	1047	1028	2.39	cps
Zirconium	90-1	900	1075	1075	1017	9.94	cps
Zirconium	91-1	283	167	183	211	29.89	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6343	6218	5793	6118	4.71	cps
Antimony	121-1	1425	1550	1800	1592	12.00	cps
Arsenic	75-2	17	24	19	20	19.50	cps
Barium	135-1	504984	512056	502927	506656	0.95	cps
Barium	137-1	883733	884693	870613	879680	0.89	cps
Beryllium	9-1	100	77	107	94	16.68	cps
Bismuth	209-1	6725500	6754659	6724675	6734945	0.25	cps
Bismuth	209-2	3999509	3987228	3990085	3992274	0.16	cps
Boron	10-1	38442	39018	38024	38495	1.30	cps
Boron	11-1	174926	177102	179167	177065	1.20	cps
Cadmium	111-1	3839	4004	3967	3937	2.20	cps
Cadmium	106-1	5218	5543	5468	5410	3.15	cps
Cadmium	108-1	25	25	33	28	17.31	cps
Calcium	43-1	7452	7352	7069	7291	2.73	cps
Calcium	44-1	124412	123890	124404	124235	0.24	cps
Chromium	52-2	287	320	273	293	8.20	cps
Cobalt	59-2	83	83	67	78	12.37	cps
Copper	63-2	3580	3420	3494	3498	2.29	cps
Dysprosium	156-1	33	75	25	44	60.28	cps
Dysprosium	156-2	47	47	27	40	28.87	cps
Erbium	164-1	100	42	83	75	40.06	cps
Erbium	164-2	53	63	53	57	10.20	cps
Gadolinium	160-1	83	42	67	64	32.83	cps
Gadolinium	160-2	170	180	207	186	10.22	cps
Holmium	165-1	10479700	10431312	10305255	10405422	0.87	cps
Holmium	165-2	5450180	5407664	5416112	5424652	0.41	cps
Indium	115-1	7977607	7998065	7879146	7951606	0.80	cps
Indium	115-2	1551279	1543329	1553509	1549372	0.35	cps
Iron	56-2	28840	29386	29202	29142	0.95	cps
Iron	57-2	700	667	717	694	3.67	cps
Krypton	83-1	120	170	147	146	17.19	cps
Lead	206-1	4345	4601	4679	4542	3.84	cps
Lead	207-1	3878	3878	3912	3890	0.50	cps
Lead	208-1	17049	17377	16627	17018	2.21	cps
Lithium	6-1	2663735	2664179	2642273	2656729	0.47	cps
Magnesium	24-2	9812	10170	9929	9970	1.83	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3884	3751	3861	3832	1.86	cps
Molybdenum	94-1	400	342	217	319	29.32	cps
Molybdenum	95-1	150	58	100	103	44.66	cps
Molybdenum	96-1	192	183	225	200	11.02	cps
Molybdenum	97-1	58	50	25	44	39.04	cps
Molybdenum	98-1	133	133	150	139	6.93	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	207	160	167	178	14.20	cps
Phosphorus	31-2	50	67	58	58	14.29	cps
Potassium	39-2	318399	316059	316409	316956	0.40	cps
Rhodium	103-1	6760048	6819741	6796825	6792204	0.44	cps
Rhodium	103-2	3110200	3088023	3095017	3097747	0.37	cps
Scandium	45-1	4371483	4402681	4330345	4368169	0.83	cps
Scandium	45-2	169820	168520	170464	169601	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	43	33	36	16.63	cps
Selenium	82-1	123	71	80	91	30.51	cps
Silicon	28-1	15264547	15387185	15180911	15277547	0.68	cps
Silver	109-1	54497	53870	52189	53519	2.23	cps
Silver	107-1	56162	56154	56915	56410	0.77	cps
Sodium	23-2	9183879	9039413	9081409	9101567	0.82	cps
Strontium	86-1	15209	14833	14908	14983	1.33	cps
Strontium	88-1	129708	129430	126311	128483	1.47	cps
Sulfur	34-1	331480	329643	325324	328816	0.96	cps
Terbium	159-1	10663860	10705467	10668171	10679166	0.21	cps
Terbium	159-2	5285161	5268431	5271620	5275071	0.17	cps
Thallium	203-1	808	725	592	708	15.43	cps
Thallium	205-1	1408	1258	1325	1331	5.65	cps
Thorium	232-1	1939	2028	2067	2011	3.26	cps
Tin	118-1	908	883	1017	936	7.57	cps
Titanium	47-1	558	283	634	492	37.50	cps
Uranium	238-1	2384	2459	2309	2384	3.15	cps
Vanadium	51-2	50	50	47	49	3.93	cps
Yttrium	89-1	18967482	19063449	18744051	18924994	0.87	cps
Yttrium	89-2	2584918	2563726	2557803	2568816	0.55	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4363-01	Instrumnet Name :	P7
Client Sample ID :	390812070	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:15:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28134	28044	28107	28095	0.16	cps
Zirconium	90-1	775	817	858	817	5.10	cps
Zirconium	91-1	208	167	108	161	31.18	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3084	2942	2809	2945	4.67	cps
Antimony	121-1	517	500	517	511	1.88	cps
Arsenic	75-2	59	46	54	53	12.25	cps
Barium	135-1	11305	11413	11789	11502	2.21	cps
Barium	137-1	19648	20132	19589	19790	1.50	cps
Beryllium	9-1	100	77	77	84	15.95	cps
Bismuth	209-1	6639463	6534208	6630287	6601320	0.88	cps
Bismuth	209-2	4010344	4051045	4033633	4031674	0.51	cps
Boron	10-1	4242	4417	4418	4359	2.32	cps
Boron	11-1	20373	19538	20381	20098	2.41	cps
Cadmium	111-1	3909	3948	3904	3921	0.62	cps
Cadmium	106-1	5518	5610	5551	5560	0.83	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	220091	217240	219464	218932	0.68	cps
Calcium	44-1	3534370	3493513	3521279	3516387	0.59	cps
Chromium	52-2	367	357	267	330	16.69	cps
Cobalt	59-2	97	67	97	87	19.98	cps
Copper	63-2	55498	56576	56428	56167	1.04	cps
Dysprosium	156-1	42	67	58	56	22.91	cps
Dysprosium	156-2	30	30	40	33	17.32	cps
Erbium	164-1	100	42	92	78	40.56	cps
Erbium	164-2	77	50	47	58	28.46	cps
Gadolinium	160-1	75	83	33	64	41.93	cps
Gadolinium	160-2	200	167	227	198	15.20	cps
Holmium	165-1	10233631	10075939	10208841	10172804	0.83	cps
Holmium	165-2	5437145	5518652	5490326	5482041	0.75	cps
Indium	115-1	7848075	7734005	7798306	7793462	0.73	cps
Indium	115-2	1565365	1585570	1582733	1577889	0.69	cps
Iron	56-2	28551	29235	28857	28881	1.19	cps
Iron	57-2	1750	1961	1834	1848	5.75	cps
Krypton	83-1	170	147	143	153	9.47	cps
Lead	206-1	11422	10960	11116	11166	2.10	cps
Lead	207-1	9376	9381	9359	9372	0.12	cps
Lead	208-1	43501	42650	43201	43117	1.00	cps
Lithium	6-1	2589570	2550762	2584291	2574874	0.82	cps
Magnesium	24-2	376234	379520	381868	379207	0.75	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50186	50383	49807	50125	0.58	cps
Molybdenum	94-1	775	883	967	875	10.98	cps
Molybdenum	95-1	383	408	333	375	10.18	cps
Molybdenum	96-1	575	517	625	572	9.48	cps
Molybdenum	97-1	250	258	225	244	7.10	cps
Molybdenum	98-1	667	608	775	683	12.38	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	293	283	227	268	13.43	cps
Phosphorus	31-2	1508	1492	1750	1583	9.13	cps
Potassium	39-2	82906	82982	81977	82622	0.68	cps
Rhodium	103-1	6756202	6670298	6643069	6689856	0.88	cps
Rhodium	103-2	3132375	3195438	3160285	3162700	1.00	cps
Scandium	45-1	4332302	4269811	4311568	4304560	0.74	cps
Scandium	45-2	172485	174629	174383	173832	0.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	24	22	30	38.02	cps
Selenium	82-1	95	111	136	114	17.75	cps
Silicon	28-1	10627492	10489085	10530779	10549119	0.67	cps
Silver	109-1	117	92	92	100	14.43	cps
Silver	107-1	142	183	142	156	15.47	cps
Sodium	23-2	5293524	5288515	5270904	5284314	0.22	cps
Strontium	86-1	63675	64295	62654	63541	1.30	cps
Strontium	88-1	551223	548464	545566	548418	0.52	cps
Sulfur	34-1	239495	235983	237405	237628	0.74	cps
Terbium	159-1	10524129	10343082	10452257	10439823	0.87	cps
Terbium	159-2	5314790	5368325	5338399	5340505	0.50	cps
Thallium	203-1	533	550	683	589	13.96	cps
Thallium	205-1	1067	1008	1008	1028	3.28	cps
Thorium	232-1	2056	1872	1917	1948	4.91	cps
Tin	118-1	1567	1734	1892	1731	9.39	cps
Titanium	47-1	692	683	808	728	9.60	cps
Uranium	238-1	2267	2209	2250	2242	1.34	cps
Vanadium	51-2	143	137	103	128	16.77	cps
Yttrium	89-1	18670262	18470157	18629183	18589867	0.57	cps
Yttrium	89-2	2595383	2630191	2622434	2616003	0.70	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4364-01	Instrumnet Name :	P7
Client Sample ID :	390812069	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:19:28	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25409	26114	25015	25512	2.18	cps
Zirconium	90-1	2017	1775	1809	1867	7.02	cps
Zirconium	91-1	458	442	383	428	9.21	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656382	2676645	2663095	2665374	0.39	cps
Antimony	121-1	2900486	2905594	2912460	2906180	0.21	cps
Arsenic	75-2	92484	92107	92393	92328	0.21	cps
Barium	135-1	3862169	3885724	3897547	3881813	0.46	cps
Barium	137-1	7107131	7152649	7170956	7143579	0.46	cps
Beryllium	9-1	683795	684107	686281	684728	0.20	cps
Bismuth	209-1	6101436	6473385	6464220	6346347	3.34	cps
Bismuth	209-2	3826090	3843024	3803498	3824204	0.52	cps
Boron	10-1	104333	105392	106634	105453	1.09	cps
Boron	11-1	466286	476457	488064	476936	2.28	cps
Cadmium	111-1	905355	908414	909942	907903	0.26	cps
Cadmium	106-1	102972	103886	102242	103033	0.80	cps
Cadmium	108-1	67950	68297	68029	68092	0.27	cps
Calcium	43-1	4427521	4448922	4418048	4431497	0.36	cps
Calcium	44-1	74723598	74956995	75208335	74962976	0.32	cps
Chromium	52-2	764829	761725	762710	763088	0.21	cps
Cobalt	59-2	1226550	1234969	1235813	1232444	0.42	cps
Copper	63-2	1859372	1877175	1875159	1870569	0.52	cps
Dysprosium	156-1	67	117	42	75	50.92	cps
Dysprosium	156-2	117	97	133	116	15.89	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	60	57	60	59	3.26	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	160	163	207	177	14.74	cps
Holmium	165-1	10777338	10835645	10849447	10820810	0.35	cps
Holmium	165-2	5645262	5640766	5662716	5649581	0.21	cps
Indium	115-1	7777342	7780371	7813482	7790398	0.26	cps
Indium	115-2	1536952	1525997	1535701	1532883	0.39	cps
Iron	56-2	171631226	172353332	171252359	171745639	0.33	cps
Iron	57-2	4137076	4123372	4118520	4126323	0.23	cps
Krypton	83-1	160	180	190	177	8.65	cps
Lead	206-1	2622099	2641294	2618197	2627197	0.47	cps
Lead	207-1	2285875	2282068	2262614	2276852	0.55	cps
Lead	208-1	10381236	10393797	10321694	10365576	0.37	cps
Lithium	6-1	2646343	2659401	2669703	2658482	0.44	cps
Magnesium	24-2	29939172	30079885	30006472	30008509	0.23	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	973241	974047	973354	973547	0.04	cps
Molybdenum	94-1	6467526	6519148	6514168	6500281	0.44	cps
Molybdenum	95-1	8012117	8027710	8058291	8032706	0.29	cps
Molybdenum	96-1	8879996	8947946	8950704	8926215	0.45	cps
Molybdenum	97-1	4730112	4776014	4744744	4750290	0.49	cps
Molybdenum	98-1	12885841	13095509	13036006	13005785	0.83	cps
Neodymium	150-1	427	327	253	336	25.93	cps
Neodymium	150-2	73	37	37	49	43.29	cps
Nickel	60-2	312635	315263	312592	313497	0.49	cps
Phosphorus	31-2	28119	28461	26909	27830	2.93	cps
Potassium	39-2	14644344	14738745	14639204	14674098	0.38	cps
Rhodium	103-1	6347627	6440275	6392059	6393320	0.72	cps
Rhodium	103-2	2947563	2961085	2956725	2955124	0.23	cps
Scandium	45-1	4378519	4413322	4646637	4479493	3.25	cps
Scandium	45-2	178792	177461	177309	177854	0.46	cps
Selenium	77-2	2790	2574	2924	2763	6.40	cps
Selenium	78-2	9184	9164	9285	9211	0.70	cps
Selenium	82-1	61046	62628	61560	61745	1.31	cps
Silicon	28-1	2065664	2090587	2117352	2091201	1.24	cps
Silver	109-1	3810873	3801808	3811570	3808084	0.14	cps
Silver	107-1	3961946	3977059	3951555	3963520	0.32	cps
Sodium	23-2	55589072	55798453	55701880	55696469	0.19	cps
Strontium	86-1	969811	974158	972682	972217	0.23	cps
Strontium	88-1	8966018	9031304	8948567	8981963	0.49	cps
Sulfur	34-1	499978	505703	496132	500605	0.96	cps
Terbium	159-1	10955547	11073905	11124213	11051222	0.78	cps
Terbium	159-2	5469665	5462053	5481879	5471199	0.18	cps
Thallium	203-1	3274992	3266030	3262505	3267842	0.20	cps
Thallium	205-1	8245408	8344965	8296327	8295567	0.60	cps
Thorium	232-1	11679320	11755144	11737702	11724055	0.34	cps
Tin	118-1	2576070	2573382	2585461	2578304	0.25	cps
Titanium	47-1	1924972	1944720	1934289	1934660	0.51	cps
Uranium	238-1	11049760	11159141	11177517	11128806	0.62	cps
Vanadium	51-2	613468	615290	618863	615874	0.45	cps
Yttrium	89-1	19129857	19156158	19077501	19121172	0.21	cps
Yttrium	89-2	2637883	2639295	2640098	2639092	0.04	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:23:04	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	336250	336471	337804	336842	0.25	cps
Zirconium	90-1	5003296	5337308	5350493	5230366	3.76	cps
Zirconium	91-1	1115621	1116382	1120207	1117403	0.22	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	75	47	53.91	cps
Antimony	121-1	2942	3592	3167	3234	10.21	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	258	175	67	167	57.66	cps
Barium	137-1	383	233	208	275	34.42	cps
Beryllium	9-1	173	123	113	137	23.52	cps
Bismuth	209-1	6982248	6977819	6991788	6983952	0.10	cps
Bismuth	209-2	4156792	4236473	4230111	4207792	1.05	cps
Boron	10-1	4726	4593	4443	4587	3.09	cps
Boron	11-1	23778	21458	19614	21616	9.65	cps
Cadmium	111-1	4298	4053	4264	4205	3.16	cps
Cadmium	106-1	6010	5710	6010	5910	2.93	cps
Cadmium	108-1	25	33	8	22	57.29	cps
Calcium	43-1	342	283	258	294	14.52	cps
Calcium	44-1	10722	9263	8921	9635	9.93	cps
Chromium	52-2	230	257	280	256	9.79	cps
Cobalt	59-2	50	23	23	32	47.79	cps
Copper	63-2	570	453	463	496	13.05	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	25	83	17	42	87.18	cps
Erbium	164-2	53	63	80	66	20.55	cps
Gadolinium	160-1	42	17	50	36	48.03	cps
Gadolinium	160-2	207	207	157	190	15.19	cps
Holmium	165-1	10672424	10706599	10751726	10710250	0.37	cps
Holmium	165-2	5569205	5638332	5665510	5624349	0.88	cps
Indium	115-1	8304742	8312425	8335657	8317608	0.19	cps
Indium	115-2	1632956	1649115	1660345	1647472	0.84	cps
Iron	56-2	5407	5107	5107	5207	3.33	cps
Iron	57-2	156	161	150	156	3.57	cps
Krypton	83-1	157	177	160	164	6.52	cps
Lead	206-1	1128	1017	956	1033	8.45	cps
Lead	207-1	1022	995	967	995	2.79	cps
Lead	208-1	4095	3756	3739	3863	5.19	cps
Lithium	6-1	2770280	2755397	2767741	2764473	0.29	cps
Magnesium	24-2	325	458	425	403	17.23	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	37	30	39	26.18	cps
Molybdenum	94-1	1859	1417	1017	1431	29.43	cps
Molybdenum	95-1	2134	1917	1567	1872	15.27	cps
Molybdenum	96-1	2225	1842	1775	1947	12.47	cps
Molybdenum	97-1	1133	1200	1067	1133	5.88	cps
Molybdenum	98-1	3176	2934	2384	2831	14.33	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	27	47	40	38	26.95	cps
Phosphorus	31-2	83	58	17	53	63.81	cps
Potassium	39-2	10938	10271	10379	10529	3.40	cps
Rhodium	103-1	7146260	7103451	7197086	7148932	0.66	cps
Rhodium	103-2	3293884	3325440	3373424	3330916	1.20	cps
Scandium	45-1	4771792	4772833	4805396	4783340	0.40	cps
Scandium	45-2	183709	184989	185589	184763	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	28	41	38	24.83	cps
Selenium	82-1	84	67	119	90	29.72	cps
Silicon	28-1	96637	95261	93768	95222	1.51	cps
Silver	109-1	267	317	242	275	13.89	cps
Silver	107-1	550	308	275	378	39.73	cps
Sodium	23-2	11422	11146	11096	11221	1.56	cps
Strontium	86-1	333	267	317	306	11.35	cps
Strontium	88-1	600	400	325	442	32.19	cps
Sulfur	34-1	174645	172749	172057	173150	0.77	cps
Terbium	159-1	10963435	11024588	10909508	10965844	0.53	cps
Terbium	159-2	5447276	5465308	5481307	5464630	0.31	cps
Thallium	203-1	1300	1200	1267	1256	4.06	cps
Thallium	205-1	2717	2317	2125	2386	12.65	cps
Thorium	232-1	5418	5323	5012	5251	4.04	cps
Tin	118-1	1859	1742	1850	1817	3.58	cps
Titanium	47-1	225	158	117	167	32.79	cps
Uranium	238-1	2917	2734	2859	2837	3.30	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	19678498	19658378	19737053	19691310	0.21	cps
Yttrium	89-2	2720221	2723737	2755358	2733105	0.71	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:26:42	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	317	320	303	313	2.82	cps
Zirconium	90-1	1342	1350	1150	1281	8.84	cps
Zirconium	91-1	400	283	267	317	22.94	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2084	2459	2245	8.60	cps
Antimony	121-1	708	1000	825	845	17.38	cps
Arsenic	75-2	52	61	31	48	31.48	cps
Barium	135-1	12373	12573	12398	12448	0.88	cps
Barium	137-1	20691	22352	21309	21451	3.91	cps
Beryllium	9-1	83	60	60	68	19.87	cps
Bismuth	209-1	7394945	7361946	7270695	7342529	0.88	cps
Bismuth	209-2	4353704	4339602	4315114	4336140	0.45	cps
Boron	10-1	2500	2509	2867	2625	7.98	cps
Boron	11-1	11288	11405	11246	11313	0.73	cps
Cadmium	111-1	4358	4388	4291	4346	1.14	cps
Cadmium	106-1	6185	6210	6110	6168	0.84	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	267107	255898	251913	258306	3.05	cps
Calcium	44-1	4334184	4227421	4123256	4228287	2.49	cps
Chromium	52-2	263	257	260	260	1.28	cps
Cobalt	59-2	97	60	70	76	25.09	cps
Copper	63-2	48487	48450	47811	48249	0.79	cps
Dysprosium	156-1	33	8	67	36	81.06	cps
Dysprosium	156-2	30	30	20	27	21.65	cps
Erbium	164-1	75	50	50	58	24.74	cps
Erbium	164-2	50	87	80	72	27.04	cps
Gadolinium	160-1	33	100	58	64	52.72	cps
Gadolinium	160-2	200	167	217	194	13.09	cps
Holmium	165-1	11666863	11603642	11434985	11568497	1.04	cps
Holmium	165-2	6249532	6232469	6112317	6198106	1.21	cps
Indium	115-1	9316119	9262106	9089627	9222617	1.28	cps
Indium	115-2	1749181	1747524	1712152	1736286	1.20	cps
Iron	56-2	12294	11966	11699	11987	2.49	cps
Iron	57-2	1611	1600	1528	1580	2.86	cps
Krypton	83-1	157	157	180	164	8.19	cps
Lead	206-1	222499	219533	217528	219853	1.14	cps
Lead	207-1	181211	181412	179047	180556	0.73	cps
Lead	208-1	850006	841341	832062	841136	1.07	cps
Lithium	6-1	3185796	3137825	3091001	3138207	1.51	cps
Magnesium	24-2	413478	404384	401084	406315	1.58	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26150	25502	25008	25554	2.24	cps
Molybdenum	94-1	717	717	592	675	10.69	cps
Molybdenum	95-1	275	317	275	289	8.33	cps
Molybdenum	96-1	442	342	358	381	14.08	cps
Molybdenum	97-1	108	192	175	158	27.85	cps
Molybdenum	98-1	383	467	392	414	11.09	cps
Neodymium	150-1	40	27	33	33	20.00	cps
Neodymium	150-2	7	23	17	16	53.90	cps
Nickel	60-2	233	170	247	217	18.91	cps
Phosphorus	31-2	1759	1850	1717	1775	3.84	cps
Potassium	39-2	92186	90357	89042	90528	1.74	cps
Rhodium	103-1	8108140	8041737	7824869	7991582	1.85	cps
Rhodium	103-2	3520635	3515314	3468937	3501629	0.81	cps
Scandium	45-1	5599903	5519160	5420540	5513201	1.63	cps
Scandium	45-2	197582	198865	193951	196799	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	35	50	46	21.16	cps
Selenium	82-1	237	216	173	209	15.65	cps
Silicon	28-1	13176653	12867928	12543643	12862741	2.46	cps
Silver	109-1	75	158	75	103	46.81	cps
Silver	107-1	275	233	267	258	8.53	cps
Sodium	23-2	5830139	5736317	5670658	5745705	1.40	cps
Strontium	86-1	74149	72826	71219	72732	2.02	cps
Strontium	88-1	655167	644532	622542	640747	2.60	cps
Sulfur	34-1	328468	318657	309871	318999	2.92	cps
Terbium	159-1	12011014	12039060	11750768	11933614	1.33	cps
Terbium	159-2	6061062	6061741	5698144	5940316	3.53	cps
Thallium	203-1	700	742	600	681	10.70	cps
Thallium	205-1	1175	1192	1042	1136	7.24	cps
Thorium	232-1	2106	2000	2067	2058	2.59	cps
Tin	118-1	7302	7311	7135	7249	1.36	cps
Titanium	47-1	825	850	600	758	18.16	cps
Uranium	238-1	2509	2334	2600	2481	5.46	cps
Vanadium	51-2	110	100	117	109	7.71	cps
Yttrium	89-1	22687306	22229603	21878710	22265206	1.82	cps
Yttrium	89-2	2933796	2906955	2876215	2905655	0.99	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4361-01RE	Instrumnet Name :	P7
Client Sample ID :	390812072RE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 15:52:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26207	25943	25549	25900	1.28	cps
Zirconium	90-1	1917	1692	1800	1803	6.24	cps
Zirconium	91-1	333	400	492	408	19.47	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	17	22	78.07	cps
Antimony	121-1	133	175	200	169	19.88	cps
Arsenic	75-2	6	11	4	7	56.78	cps
Barium	135-1	17	33	33	28	34.63	cps
Barium	137-1	75	50	25	50	50.00	cps
Beryllium	9-1	40	67	77	61	31.02	cps
Bismuth	209-1	6842274	7007505	7013122	6954301	1.40	cps
Bismuth	209-2	4251605	4066218	4234168	4183997	2.45	cps
Boron	10-1	275	408	383	356	19.93	cps
Boron	11-1	1909	1834	1750	1831	4.33	cps
Cadmium	111-1	4037	4344	4191	4191	3.66	cps
Cadmium	106-1	5751	6210	5985	5982	3.83	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Calcium	43-1	92	117	217	142	46.69	cps
Calcium	44-1	9589	9873	9356	9606	2.70	cps
Chromium	52-2	303	283	333	307	8.21	cps
Cobalt	59-2	47	33	43	41	16.89	cps
Copper	63-2	507	487	537	510	4.94	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	23	27	30	27	12.51	cps
Erbium	164-1	42	108	83	78	43.30	cps
Erbium	164-2	77	53	47	59	26.75	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	163	203	123	163	24.49	cps
Holmium	165-1	10761949	11105460	11065690	10977699	1.71	cps
Holmium	165-2	6065366	5543815	6039359	5882847	5.00	cps
Indium	115-1	8780224	9074271	9036445	8963646	1.78	cps
Indium	115-2	1781925	1701727	1779858	1754504	2.61	cps
Iron	56-2	2734	3012	2945	2897	5.01	cps
Iron	57-2	167	111	139	139	20.00	cps
Krypton	83-1	213	170	203	196	11.60	cps
Lead	206-1	822	856	733	804	7.86	cps
Lead	207-1	822	867	811	833	3.53	cps
Lead	208-1	2950	2928	2839	2906	2.02	cps
Lithium	6-1	3072918	3125346	3122207	3106823	0.95	cps
Magnesium	24-2	183	100	117	133	33.07	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	43	50	42	19.87	cps
Molybdenum	94-1	333	300	267	300	11.11	cps
Molybdenum	95-1	58	25	33	39	44.62	cps
Molybdenum	96-1	117	100	100	106	9.12	cps
Molybdenum	97-1	8	50	42	33	66.15	cps
Molybdenum	98-1	75	83	33	64	41.93	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	40	77	27	48	54.19	cps
Phosphorus	31-2	58	58	42	53	18.23	cps
Potassium	39-2	11780	12205	11613	11866	2.57	cps
Rhodium	103-1	7800325	8054217	8011023	7955188	1.71	cps
Rhodium	103-2	3640532	3459223	3627785	3575846	2.83	cps
Scandium	45-1	5341600	5500087	5466305	5435997	1.54	cps
Scandium	45-2	211829	200465	211466	207920	3.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	56	43	46	17.44	cps
Selenium	82-1	136	144	139	139	2.75	cps
Silicon	28-1	106134	106889	106251	106425	0.38	cps
Silver	109-1	33	75	108	72	52.04	cps
Silver	107-1	183	158	100	147	29.05	cps
Sodium	23-2	4276	3967	4051	4098	3.89	cps
Strontium	86-1	308	300	225	278	16.52	cps
Strontium	88-1	142	158	133	144	8.81	cps
Sulfur	34-1	222689	221997	223214	222633	0.27	cps
Terbium	159-1	11163668	11462755	11316669	11314364	1.32	cps
Terbium	159-2	5900444	5613865	5905318	5806542	2.87	cps
Thallium	203-1	517	467	442	475	8.04	cps
Thallium	205-1	617	533	658	603	10.56	cps
Thorium	232-1	1806	1978	2045	1943	6.35	cps
Tin	118-1	775	625	592	664	14.71	cps
Titanium	47-1	50	117	142	103	46.11	cps
Uranium	238-1	2409	2217	2117	2248	6.60	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	21319976	21961536	21843410	21708307	1.57	cps
Yttrium	89-2	2998965	2870239	3011399	2960201	2.64	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BL	Instrumnet Name :	P7
Client Sample ID :	PB122313BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:33:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	267	300	303	290	6.99	cps
Zirconium	90-1	633	842	775	750	14.19	cps
Zirconium	91-1	150	175	142	156	11.15	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	523983	521441	525557	523660	0.40	cps
Antimony	121-1	3083276	3084494	3033298	3067023	0.95	cps
Arsenic	75-2	91532	90734	91375	91214	0.46	cps
Barium	135-1	4033553	4023099	3962867	4006506	0.95	cps
Barium	137-1	7374107	7361190	7260688	7331995	0.85	cps
Beryllium	9-1	774455	767106	753469	765010	1.39	cps
Bismuth	209-1	6758948	6772113	6810542	6780535	0.40	cps
Bismuth	209-2	3989034	3998775	4068956	4018922	1.08	cps
Boron	10-1	114430	112961	112390	113261	0.93	cps
Boron	11-1	515300	519024	522329	518885	0.68	cps
Cadmium	111-1	894272	890375	876188	886945	1.07	cps
Cadmium	106-1	103232	101588	102251	102357	0.81	cps
Cadmium	108-1	66936	65501	65459	65965	1.28	cps
Calcium	43-1	984129	964106	950118	966118	1.77	cps
Calcium	44-1	16426738	16145321	15887106	16153055	1.67	cps
Chromium	52-2	765514	758371	762756	762214	0.47	cps
Cobalt	59-2	1270218	1270113	1269421	1269917	0.03	cps
Copper	63-2	1778322	1764933	1764068	1769108	0.45	cps
Dysprosium	156-1	150	92	58	100	46.40	cps
Dysprosium	156-2	103	127	87	106	19.03	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	47	43	80	57	35.78	cps
Gadolinium	160-1	33	8	83	42	91.66	cps
Gadolinium	160-2	157	197	157	170	13.58	cps
Holmium	165-1	10910359	10802771	10841968	10851699	0.50	cps
Holmium	165-2	5610579	5591254	5642458	5614764	0.46	cps
Indium	115-1	8178896	8100537	8032068	8103834	0.91	cps
Indium	115-2	1546456	1546375	1553941	1548924	0.28	cps
Iron	56-2	34979900	34807782	34877530	34888404	0.25	cps
Iron	57-2	851275	847549	845160	847995	0.36	cps
Krypton	83-1	180	147	190	172	13.18	cps
Lead	206-1	2722409	2714817	2715687	2717637	0.15	cps
Lead	207-1	2354392	2342069	2364638	2353699	0.48	cps
Lead	208-1	10701949	10652692	10748640	10701094	0.45	cps
Lithium	6-1	2952533	2890020	2871024	2904526	1.47	cps
Magnesium	24-2	6268105	6179912	6199627	6215881	0.74	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	988882	983033	989898	987271	0.38	cps
Molybdenum	94-1	6779477	6781049	6639352	6733293	1.21	cps
Molybdenum	95-1	8384976	8373649	8239486	8332704	0.97	cps
Molybdenum	96-1	9288940	9284164	9113455	9228853	1.08	cps
Molybdenum	97-1	4956583	4935665	4848060	4913436	1.17	cps
Molybdenum	98-1	13455364	13470953	13322494	13416270	0.61	cps
Neodymium	150-1	347	293	287	309	10.65	cps
Neodymium	150-2	37	40	60	46	27.70	cps
Nickel	60-2	326605	328309	327378	327430	0.26	cps
Phosphorus	31-2	28595	28127	27835	28186	1.36	cps
Potassium	39-2	2884248	2845005	2868523	2865926	0.69	cps
Rhodium	103-1	7011336	6880152	6848322	6913270	1.25	cps
Rhodium	103-2	3083381	3082060	3112559	3092667	0.56	cps
Scandium	45-1	4934923	4823215	4733856	4830665	2.09	cps
Scandium	45-2	177816	175374	177650	176947	0.77	cps
Selenium	77-2	2874	2750	2647	2757	4.12	cps
Selenium	78-2	9464	9564	9516	9515	0.53	cps
Selenium	82-1	67375	66828	65870	66691	1.14	cps
Silicon	28-1	2269235	2243836	2214563	2242545	1.22	cps
Silver	109-1	3858911	3809455	3763242	3810536	1.26	cps
Silver	107-1	4055279	3969758	3929205	3984747	1.62	cps
Sodium	23-2	11659909	11525430	11590396	11591912	0.58	cps
Strontium	86-1	1039543	1022671	995956	1019390	2.16	cps
Strontium	88-1	9370825	9325093	9169650	9288523	1.14	cps
Sulfur	34-1	560685	546830	529901	545805	2.82	cps
Terbium	159-1	11112629	11064905	11119909	11099148	0.27	cps
Terbium	159-2	5431327	5434055	5468345	5444576	0.38	cps
Thallium	203-1	3363139	3387461	3362440	3371013	0.42	cps
Thallium	205-1	8440266	8588404	8555740	8528136	0.91	cps
Thorium	232-1	11513968	11518543	11633815	11555442	0.59	cps
Tin	118-1	2716311	2712022	2675262	2701198	0.84	cps
Titanium	47-1	2097241	2066957	2021582	2061927	1.85	cps
Uranium	238-1	10931710	10893897	11028836	10951481	0.64	cps
Vanadium	51-2	617686	613206	610751	613881	0.57	cps
Yttrium	89-1	19931825	19635506	19499617	19688983	1.12	cps
Yttrium	89-2	2621599	2598579	2616523	2612234	0.46	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	PB122313BS	Instrumnet Name :	P7
Client Sample ID :	PB122313BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:37:05	DataFile Name :	050DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300882	302469	301265	301538	0.27	cps
Zirconium	90-1	5555246	5513562	5418417	5495742	1.28	cps
Zirconium	91-1	1170382	1161754	1141789	1157975	1.27	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2275	2334	2300	2303	1.27	cps
Antimony	121-1	3367	3484	3801	3551	6.32	cps
Arsenic	75-2	48	50	52	50	3.70	cps
Barium	135-1	12539	11480	11580	11867	4.93	cps
Barium	137-1	20458	20691	20758	20636	0.76	cps
Beryllium	9-1	247	270	210	242	12.49	cps
Bismuth	209-1	6666478	6720970	6716581	6701343	0.45	cps
Bismuth	209-2	3971625	4024205	4012899	4002909	0.69	cps
Boron	10-1	6193	5926	5610	5910	4.94	cps
Boron	11-1	28803	27109	25931	27281	5.29	cps
Cadmium	111-1	4036	4033	3753	3941	4.13	cps
Cadmium	106-1	5460	5468	5134	5354	3.55	cps
Cadmium	108-1	21	33	29	28	22.92	cps
Calcium	43-1	221211	221910	222626	221916	0.32	cps
Calcium	44-1	3604626	3575054	3587284	3588988	0.41	cps
Chromium	52-2	483	527	477	496	5.48	cps
Cobalt	59-2	187	263	237	229	17.00	cps
Copper	63-2	10904	11114	10504	10841	2.86	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	47	30	17	31	48.31	cps
Erbium	164-1	92	58	100	83	26.46	cps
Erbium	164-2	50	57	53	53	6.25	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	203	157	157	172	15.65	cps
Holmium	165-1	10447353	10459166	10462766	10456429	0.08	cps
Holmium	165-2	5436481	5464294	5503778	5468184	0.62	cps
Indium	115-1	7873580	7904515	7884044	7887380	0.20	cps
Indium	115-2	1548888	1552064	1575186	1558713	0.92	cps
Iron	56-2	42769	44426	43682	43625	1.90	cps
Iron	57-2	2195	2311	2184	2230	3.18	cps
Krypton	83-1	147	147	127	140	8.25	cps
Lead	206-1	1895	1911	1728	1845	5.50	cps
Lead	207-1	1600	1572	1572	1582	1.01	cps
Lead	208-1	7001	7034	6684	6906	2.80	cps
Lithium	6-1	2721044	2718770	2711019	2716944	0.19	cps
Magnesium	24-2	393755	391051	394669	393158	0.48	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23282	24057	24140	23826	1.99	cps
Molybdenum	94-1	2517	2725	2267	2503	9.17	cps
Molybdenum	95-1	3259	2959	2642	2953	10.44	cps
Molybdenum	96-1	3817	3376	3542	3578	6.23	cps
Molybdenum	97-1	2050	1875	1659	1861	10.54	cps
Molybdenum	98-1	5485	4793	4443	4907	10.81	cps
Neodymium	150-1	40	13	20	24	56.78	cps
Neodymium	150-2	7	20	27	18	57.27	cps
Nickel	60-2	223	277	263	254	10.91	cps
Phosphorus	31-2	1567	1508	1333	1470	8.26	cps
Potassium	39-2	83158	81700	81926	82261	0.95	cps
Rhodium	103-1	6754017	6721164	6695926	6723702	0.43	cps
Rhodium	103-2	3113642	3112766	3135686	3120698	0.42	cps
Scandium	45-1	4346007	4520761	4340276	4402348	2.33	cps
Scandium	45-2	171374	172770	173803	172649	0.71	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	46	44	48	46	4.01	cps
Selenium	82-1	171	148	189	169	12.11	cps
Silicon	28-1	11275941	11212293	11298384	11262206	0.40	cps
Silver	109-1	817	875	733	808	8.81	cps
Silver	107-1	950	975	792	906	10.98	cps
Sodium	23-2	5440007	5415233	5441196	5432146	0.27	cps
Strontium	86-1	63592	63466	63834	63631	0.29	cps
Strontium	88-1	552367	555393	548672	552144	0.61	cps
Sulfur	34-1	262634	255174	255791	257866	1.61	cps
Terbium	159-1	10652070	10730163	10726525	10702919	0.41	cps
Terbium	159-2	5267073	5317883	5327924	5304293	0.62	cps
Thallium	203-1	1700	1425	1350	1492	12.35	cps
Thallium	205-1	3417	3051	2409	2959	17.25	cps
Thorium	232-1	6963	7325	6563	6950	5.48	cps
Tin	118-1	2409	2225	2184	2273	5.27	cps
Titanium	47-1	1100	1008	1017	1042	4.87	cps
Uranium	238-1	4718	4393	4576	4562	3.57	cps
Vanadium	51-2	183	247	200	210	15.63	cps
Yttrium	89-1	18713271	18827191	18649384	18729949	0.48	cps
Yttrium	89-2	2572246	2581176	2598759	2584060	0.52	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:40:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16383	16750	16359	16497	1.33	cps
Zirconium	90-1	2875	2750	2792	2806	2.27	cps
Zirconium	91-1	733	608	658	667	9.44	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2050	2400	2200	2217	7.92	cps
Antimony	121-1	1417	1392	1342	1383	2.76	cps
Arsenic	75-2	48	20	35	35	40.21	cps
Barium	135-1	11939	11505	11188	11544	3.26	cps
Barium	137-1	19139	19247	18630	19005	1.74	cps
Beryllium	9-1	83	97	103	94	10.78	cps
Bismuth	209-1	6660254	6490601	6663501	6604785	1.50	cps
Bismuth	209-2	3954778	3943864	3976217	3958286	0.42	cps
Boron	10-1	4142	3617	4167	3976	7.81	cps
Boron	11-1	18353	18312	18437	18367	0.35	cps
Cadmium	111-1	3828	3811	3511	3717	4.79	cps
Cadmium	106-1	5401	5410	5009	5273	4.34	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	214814	219123	219920	217952	1.26	cps
Calcium	44-1	3549753	3544539	3548994	3547762	0.08	cps
Chromium	52-2	423	390	390	401	4.80	cps
Cobalt	59-2	93	83	77	84	9.94	cps
Copper	63-2	10671	10717	10347	10578	1.91	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	33	20	23	26	27.15	cps
Erbium	164-1	125	58	100	94	35.66	cps
Erbium	164-2	50	67	83	67	25.00	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	167	223	173	188	16.49	cps
Holmium	165-1	10257670	10178727	10320973	10252457	0.70	cps
Holmium	165-2	5463214	5425075	5454499	5447596	0.37	cps
Indium	115-1	7856279	7678276	7867460	7800672	1.36	cps
Indium	115-2	1556844	1544099	1553920	1551621	0.43	cps
Iron	56-2	39715	39994	39526	39745	0.59	cps
Iron	57-2	2195	2328	2056	2193	6.21	cps
Krypton	83-1	147	167	157	157	6.38	cps
Lead	206-1	1378	1295	1211	1295	6.44	cps
Lead	207-1	1295	1189	1211	1232	4.52	cps
Lead	208-1	5023	4856	4606	4828	4.34	cps
Lithium	6-1	2676237	2633779	2683911	2664642	1.01	cps
Magnesium	24-2	387656	391055	393636	390783	0.77	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24037	23703	23953	23897	0.73	cps
Molybdenum	94-1	1292	1008	1092	1131	12.88	cps
Molybdenum	95-1	1000	808	842	883	11.59	cps
Molybdenum	96-1	1208	942	942	1031	14.94	cps
Molybdenum	97-1	658	442	633	578	20.52	cps
Molybdenum	98-1	1759	1300	1125	1395	23.46	cps
Neodymium	150-1	27	47	13	29	58.08	cps
Neodymium	150-2	30	17	13	20	44.10	cps
Nickel	60-2	173	173	213	187	12.37	cps
Phosphorus	31-2	1625	1675	1825	1709	6.09	cps
Potassium	39-2	81298	82949	81893	82047	1.02	cps
Rhodium	103-1	6678716	6545925	6684342	6636327	1.18	cps
Rhodium	103-2	3104642	3113971	3116420	3111678	0.20	cps
Scandium	45-1	4475509	4236232	4318639	4343460	2.80	cps
Scandium	45-2	172940	173529	173021	173163	0.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	31	44	39	17.17	cps
Selenium	82-1	121	119	108	116	6.27	cps
Silicon	28-1	11105249	11153785	11149656	11136230	0.24	cps
Silver	109-1	308	158	100	189	56.90	cps
Silver	107-1	350	175	267	264	33.17	cps
Sodium	23-2	5435859	5411303	5446738	5431300	0.33	cps
Strontium	86-1	64278	63893	62663	63611	1.33	cps
Strontium	88-1	546914	549090	548001	548002	0.20	cps
Sulfur	34-1	252505	252233	248997	251245	0.78	cps
Terbium	159-1	10643713	10407959	10610970	10554214	1.21	cps
Terbium	159-2	5256166	5295855	5307451	5286491	0.51	cps
Thallium	203-1	833	625	667	708	15.56	cps
Thallium	205-1	1592	1200	1075	1289	20.92	cps
Thorium	232-1	3812	3156	3651	3539	9.65	cps
Tin	118-1	1117	1100	1033	1083	4.07	cps
Titanium	47-1	642	617	583	614	4.77	cps
Uranium	238-1	2892	2667	2700	2753	4.41	cps
Vanadium	51-2	93	117	103	104	11.21	cps
Yttrium	89-1	18546872	18250385	18702375	18499877	1.24	cps
Yttrium	89-2	2573782	2574276	2572196	2573418	0.04	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01DUP	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:44:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16413	16393	16603	16470	0.70	cps
Zirconium	90-1	2159	1617	1634	1803	17.09	cps
Zirconium	91-1	433	392	283	369	20.96	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	533	450	483	9.12	cps
Antimony	121-1	433	433	400	422	4.56	cps
Arsenic	75-2	15	6	17	12	48.20	cps
Barium	135-1	2092	2192	2192	2159	2.67	cps
Barium	137-1	4301	4209	4134	4215	1.98	cps
Beryllium	9-1	73	100	37	70	45.42	cps
Bismuth	209-1	6710039	6818039	6836862	6788314	1.01	cps
Bismuth	209-2	4019429	4004536	4040135	4021367	0.44	cps
Boron	10-1	1750	1892	1867	1836	4.12	cps
Boron	11-1	8895	8353	7786	8344	6.65	cps
Cadmium	111-1	3960	3609	3856	3808	4.74	cps
Cadmium	106-1	5610	5118	5476	5401	4.71	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	44401	45521	44668	44863	1.30	cps
Calcium	44-1	729207	737924	721554	729561	1.12	cps
Chromium	52-2	203	277	343	274	25.52	cps
Cobalt	59-2	30	27	17	24	28.38	cps
Copper	63-2	2734	2420	2447	2534	6.86	cps
Dysprosium	156-1	33	25	0	19	89.22	cps
Dysprosium	156-2	27	10	17	18	47.19	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	33	63	40	46	34.58	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	153	167	127	149	13.68	cps
Holmium	165-1	10390240	10463943	10482564	10445582	0.47	cps
Holmium	165-2	5449044	5468347	5494440	5470610	0.42	cps
Indium	115-1	7938805	8053320	8082871	8024998	0.95	cps
Indium	115-2	1575085	1580783	1579134	1578334	0.19	cps
Iron	56-2	9837	9309	9476	9540	2.83	cps
Iron	57-2	478	556	483	506	8.58	cps
Krypton	83-1	197	133	173	168	19.09	cps
Lead	206-1	744	806	739	763	4.85	cps
Lead	207-1	839	822	767	809	4.67	cps
Lead	208-1	2778	2834	2834	2815	1.14	cps
Lithium	6-1	2678037	2696698	2690635	2688457	0.35	cps
Magnesium	24-2	80827	80341	78975	80047	1.20	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4844	5048	4864	4919	2.28	cps
Molybdenum	94-1	408	392	433	411	5.10	cps
Molybdenum	95-1	208	283	192	228	21.44	cps
Molybdenum	96-1	425	275	458	386	25.29	cps
Molybdenum	97-1	192	167	150	169	12.38	cps
Molybdenum	98-1	417	275	325	339	21.20	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	77	33	70	60	38.89	cps
Phosphorus	31-2	383	442	358	394	10.84	cps
Potassium	39-2	23636	24312	24171	24040	1.48	cps
Rhodium	103-1	6831975	6849974	6855230	6845726	0.18	cps
Rhodium	103-2	3165049	3174212	3191745	3177002	0.43	cps
Scandium	45-1	4365070	4569444	4321093	4418536	3.00	cps
Scandium	45-2	174295	173914	175229	174479	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	26	33	29	13.27	cps
Selenium	82-1	29	149	79	86	70.44	cps
Silicon	28-1	2320008	2336349	2315541	2323966	0.47	cps
Silver	109-1	50	50	33	44	21.66	cps
Silver	107-1	133	208	217	186	24.66	cps
Sodium	23-2	1066606	1071779	1067986	1068790	0.25	cps
Strontium	86-1	12523	13223	13081	12942	2.86	cps
Strontium	88-1	113917	111169	113859	112982	1.39	cps
Sulfur	34-1	173372	172968	172040	172794	0.40	cps
Terbium	159-1	10625105	10708836	10705838	10679926	0.44	cps
Terbium	159-2	5298975	5327625	5295817	5307473	0.33	cps
Thallium	203-1	508	683	667	619	15.59	cps
Thallium	205-1	908	775	708	797	12.77	cps
Thorium	232-1	2689	2600	2561	2617	2.50	cps
Tin	118-1	858	867	792	839	4.90	cps
Titanium	47-1	283	175	217	225	24.29	cps
Uranium	238-1	2392	2250	2517	2386	5.59	cps
Vanadium	51-2	30	13	17	20	44.10	cps
Yttrium	89-1	18729456	18938139	18888273	18851956	0.58	cps
Yttrium	89-2	2600089	2606622	2610680	2605797	0.21	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01LX5	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-15 16:47:54	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3644	3677	3604	3642	1.01	cps
Zirconium	90-1	825	750	1067	881	18.79	cps
Zirconium	91-1	158	200	175	178	11.80	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101191	99170	100797	100386	1.07	cps
Antimony	121-1	4610255	4596560	4647291	4618036	0.57	cps
Arsenic	75-2	144975	144547	144337	144619	0.22	cps
Barium	135-1	317356	318316	324952	320208	1.29	cps
Barium	137-1	553316	554783	556396	554832	0.28	cps
Beryllium	9-1	277957	276456	279137	277850	0.48	cps
Bismuth	209-1	6618898	6609065	6721039	6649667	0.93	cps
Bismuth	209-2	4006999	4011750	4018648	4012466	0.15	cps
Boron	10-1	63811	63970	65701	64494	1.63	cps
Boron	11-1	287598	295184	301856	294879	2.42	cps
Cadmium	111-1	338717	334412	340998	338043	0.99	cps
Cadmium	106-1	35019	35220	34702	34980	0.75	cps
Cadmium	108-1	22268	22268	22105	22214	0.42	cps
Calcium	43-1	236452	233886	236155	235498	0.60	cps
Calcium	44-1	3815985	3799102	3820143	3811743	0.29	cps
Chromium	52-2	601348	600167	598884	600133	0.21	cps
Cobalt	59-2	507041	504000	510678	507240	0.66	cps
Copper	63-2	554416	554935	556441	555264	0.19	cps
Dysprosium	156-1	368611	363857	375166	369211	1.54	cps
Dysprosium	156-2	123189	122368	122580	122712	0.35	cps
Erbium	164-1	150	167	83	133	33.07	cps
Erbium	164-2	83	53	50	62	29.50	cps
Gadolinium	160-1	167	133	200	167	20.00	cps
Gadolinium	160-2	260	247	263	257	3.44	cps
Holmium	165-1	10292009	10312993	10531923	10378975	1.28	cps
Holmium	165-2	5522340	5530873	5579925	5544380	0.56	cps
Indium	115-1	7686002	7648674	7799849	7711509	1.02	cps
Indium	115-2	1534232	1529270	1543295	1535599	0.46	cps
Iron	56-2	4051167	4030952	4060909	4047676	0.38	cps
Iron	57-2	102948	103708	103759	103471	0.44	cps
Krypton	83-1	130	163	177	157	15.34	cps
Lead	206-1	5223625	5195292	5273033	5230650	0.75	cps
Lead	207-1	4543204	4461684	4539835	4514908	1.02	cps
Lead	208-1	21553985	21303600	21744876	21534154	1.03	cps
Lithium	6-1	2711081	2715555	2752742	2726460	0.84	cps
Magnesium	24-2	624881	620646	626577	624035	0.49	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215355	216049	216611	216005	0.29	cps
Molybdenum	94-1	628468	619270	631126	626288	0.99	cps
Molybdenum	95-1	1099216	1099673	1115817	1104902	0.86	cps
Molybdenum	96-1	1170658	1174554	1189997	1178403	0.87	cps
Molybdenum	97-1	686198	686053	694424	688892	0.70	cps
Molybdenum	98-1	1770122	1758296	1796453	1774957	1.10	cps
Neodymium	150-1	73	60	113	82	33.76	cps
Neodymium	150-2	13	33	30	26	41.94	cps
Nickel	60-2	328748	328009	331499	329419	0.56	cps
Phosphorus	31-2	18445	17636	18412	18164	2.52	cps
Potassium	39-2	1195729	1196224	1200019	1197324	0.20	cps
Rhodium	103-1	6570634	6607858	6709973	6629488	1.09	cps
Rhodium	103-2	3121649	3115770	3138685	3125368	0.38	cps
Scandium	45-1	4272197	4247990	4315431	4278539	0.80	cps
Scandium	45-2	171192	171128	173249	171856	0.70	cps
Selenium	77-2	11441	10717	11148	11102	3.28	cps
Selenium	78-2	37771	37179	37199	37383	0.90	cps
Selenium	82-1	249037	248410	250219	249222	0.37	cps
Silicon	28-1	14491804	14483726	14689168	14554899	0.80	cps
Silver	109-1	547804	547685	550408	548632	0.28	cps
Silver	107-1	573203	573136	575636	573992	0.25	cps
Sodium	23-2	6145010	6100986	6095388	6113795	0.44	cps
Strontium	86-1	443849	442933	446247	444343	0.39	cps
Strontium	88-1	3848169	3852130	3890522	3863607	0.61	cps
Sulfur	34-1	244484	241214	242822	242840	0.67	cps
Terbium	159-1	10492386	10507738	10731567	10577230	1.27	cps
Terbium	159-2	5357434	5396919	5407575	5387309	0.49	cps
Thallium	203-1	13741283	13789583	13905521	13812129	0.61	cps
Thallium	205-1	32734073	33001102	33389312	33041496	1.00	cps
Thorium	232-1	3534	3362	3562	3486	3.11	cps
Tin	118-1	3568541	3543544	3568735	3560273	0.41	cps
Titanium	47-1	154645	152555	154239	153813	0.72	cps
Uranium	238-1	2317	2642	2759	2573	8.90	cps
Vanadium	51-2	359345	359407	360815	359856	0.23	cps
Yttrium	89-1	18246894	18374746	18715903	18445848	1.31	cps
Yttrium	89-2	2583366	2582850	2606091	2590769	0.51	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MS	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:51:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77745	77082	76968	77265	0.54	cps
Zirconium	90-1	4668	4109	4401	4393	6.36	cps
Zirconium	91-1	1308	1325	1442	1358	5.35	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98171	101290	100075	99845	1.57	cps
Antimony	121-1	4691641	4697429	4658815	4682628	0.44	cps
Arsenic	75-2	142353	145227	145687	144423	1.25	cps
Barium	135-1	326377	322111	324915	324468	0.67	cps
Barium	137-1	567893	565929	561318	565047	0.60	cps
Beryllium	9-1	278331	279287	279586	279068	0.23	cps
Bismuth	209-1	6722504	6752414	6781136	6752018	0.43	cps
Bismuth	209-2	3951940	4012583	4006917	3990480	0.84	cps
Boron	10-1	66170	66798	67393	66787	0.92	cps
Boron	11-1	304798	307123	305795	305906	0.38	cps
Cadmium	111-1	337781	342019	342251	340684	0.74	cps
Cadmium	106-1	35061	35412	34777	35083	0.91	cps
Cadmium	108-1	22022	22723	22314	22353	1.58	cps
Calcium	43-1	244498	242076	239159	241911	1.11	cps
Calcium	44-1	3896949	3893978	3873543	3888157	0.33	cps
Chromium	52-2	593119	604467	604717	600768	1.10	cps
Cobalt	59-2	503428	510867	509697	507997	0.79	cps
Copper	63-2	551319	559202	557029	555850	0.73	cps
Dysprosium	156-1	367787	368607	372540	369645	0.69	cps
Dysprosium	156-2	121064	122442	122910	122138	0.79	cps
Erbium	164-1	67	150	50	89	60.28	cps
Erbium	164-2	47	80	93	73	32.78	cps
Gadolinium	160-1	117	183	108	136	30.20	cps
Gadolinium	160-2	183	200	197	193	4.56	cps
Holmium	165-1	10467396	10671268	10576376	10571680	0.97	cps
Holmium	165-2	5468724	5557425	5542805	5522985	0.86	cps
Indium	115-1	7833932	7901637	7872774	7869448	0.43	cps
Indium	115-2	1520344	1547468	1542597	1536803	0.94	cps
Iron	56-2	4008550	4095887	4060478	4054972	1.08	cps
Iron	57-2	101370	103955	102802	102709	1.26	cps
Krypton	83-1	197	153	140	163	18.14	cps
Lead	206-1	5292086	5308692	5282224	5294334	0.25	cps
Lead	207-1	4564005	4589105	4568512	4573874	0.29	cps
Lead	208-1	21717638	21928416	21836512	21827522	0.48	cps
Lithium	6-1	2755481	2768965	2760423	2761623	0.25	cps
Magnesium	24-2	621556	625330	630239	625708	0.70	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	212328	216968	215726	215007	1.12	cps
Molybdenum	94-1	633555	638845	634228	635542	0.45	cps
Molybdenum	95-1	1110895	1115346	1115443	1113895	0.23	cps
Molybdenum	96-1	1189033	1187896	1193435	1190121	0.25	cps
Molybdenum	97-1	693438	701094	698907	697813	0.57	cps
Molybdenum	98-1	1799525	1801769	1799670	1800322	0.07	cps
Neodymium	150-1	67	67	53	62	12.37	cps
Neodymium	150-2	33	40	23	32	26.04	cps
Nickel	60-2	327605	331661	330586	329951	0.64	cps
Phosphorus	31-2	18037	17987	18512	18178	1.60	cps
Potassium	39-2	1182000	1210698	1208896	1200531	1.34	cps
Rhodium	103-1	6711631	6773454	6761973	6749019	0.49	cps
Rhodium	103-2	3093938	3138755	3133452	3122048	0.78	cps
Scandium	45-1	4337941	4357384	4347570	4347631	0.22	cps
Scandium	45-2	171938	173746	172841	172841	0.52	cps
Selenium	77-2	10838	11114	11178	11043	1.64	cps
Selenium	78-2	37660	37768	37541	37656	0.30	cps
Selenium	82-1	251101	252536	253273	252303	0.44	cps
Silicon	28-1	14756753	14853950	14936458	14849054	0.61	cps
Silver	109-1	552693	556919	555177	554930	0.38	cps
Silver	107-1	576645	577377	575613	576545	0.15	cps
Sodium	23-2	6073370	6144008	6207301	6141560	1.09	cps
Strontium	86-1	453474	453404	450219	452366	0.41	cps
Strontium	88-1	3935661	3924070	3936540	3932090	0.18	cps
Sulfur	34-1	239386	241095	239775	240086	0.37	cps
Terbium	159-1	10778316	10791156	10859686	10809719	0.40	cps
Terbium	159-2	5334360	5428784	5396030	5386391	0.89	cps
Thallium	203-1	13931954	14052239	13984500	13989565	0.43	cps
Thallium	205-1	33542432	33711929	33578513	33610958	0.27	cps
Thorium	232-1	2773	2817	2711	2767	1.92	cps
Tin	118-1	3623734	3598389	3585077	3602400	0.55	cps
Titanium	47-1	156824	156111	154366	155767	0.81	cps
Uranium	238-1	2317	2525	2409	2417	4.32	cps
Vanadium	51-2	354635	362874	362251	359920	1.27	cps
Yttrium	89-1	18642196	18891540	18887341	18807026	0.76	cps
Yttrium	89-2	2565013	2596924	2587329	2583089	0.63	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01MSD	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:55:05	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	76523	76818	76375	76572	0.29	cps
Zirconium	90-1	3075	3025	2709	2937	6.77	cps
Zirconium	91-1	1342	1267	1025	1211	13.66	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100302	102400	100931	101211	1.06	cps
Antimony	121-1	4755289	4737813	4774270	4755791	0.38	cps
Arsenic	75-2	147079	148978	147100	147719	0.74	cps
Barium	135-1	327806	327758	329113	328226	0.23	cps
Barium	137-1	574286	567071	578293	573217	0.99	cps
Beryllium	9-1	285025	282916	286773	284904	0.68	cps
Bismuth	209-1	6808279	6853538	6892434	6851417	0.61	cps
Bismuth	209-2	3997063	4077149	4071057	4048423	1.10	cps
Boron	10-1	69603	68716	70071	69463	0.99	cps
Boron	11-1	313409	316591	325446	318482	1.96	cps
Cadmium	111-1	349593	344379	352482	348818	1.18	cps
Cadmium	106-1	36331	35930	36398	36219	0.70	cps
Cadmium	108-1	23236	22051	22497	22595	2.65	cps
Calcium	43-1	242932	239619	242347	241633	0.73	cps
Calcium	44-1	3931335	3932519	3969532	3944462	0.55	cps
Chromium	52-2	609593	612931	611471	611332	0.27	cps
Cobalt	59-2	514146	517261	520920	517442	0.66	cps
Copper	63-2	566542	571829	570080	569484	0.47	cps
Dysprosium	156-1	380302	375293	383089	379562	1.04	cps
Dysprosium	156-2	122987	125637	124854	124493	1.09	cps
Erbium	164-1	208	58	100	122	63.35	cps
Erbium	164-2	57	83	90	77	23.00	cps
Gadolinium	160-1	150	158	133	147	8.65	cps
Gadolinium	160-2	237	247	207	230	9.05	cps
Holmium	165-1	10697952	10738031	10792949	10742977	0.44	cps
Holmium	165-2	5569317	5661410	5710225	5646984	1.27	cps
Indium	115-1	7965372	7975608	8029274	7990085	0.43	cps
Indium	115-2	1564665	1566508	1581762	1570978	0.60	cps
Iron	56-2	4133251	4161747	4143924	4146307	0.35	cps
Iron	57-2	105477	106148	104615	105413	0.73	cps
Krypton	83-1	150	127	167	148	13.60	cps
Lead	206-1	5363401	5336345	5396579	5365442	0.56	cps
Lead	207-1	4597706	4633339	4662529	4631192	0.70	cps
Lead	208-1	22066132	22090153	22311232	22155839	0.61	cps
Lithium	6-1	2794722	2788608	2804439	2795923	0.29	cps
Magnesium	24-2	630162	634078	633823	632688	0.35	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217766	220093	220019	219293	0.60	cps
Molybdenum	94-1	643786	643837	653216	646946	0.84	cps
Molybdenum	95-1	1135164	1134243	1150140	1139849	0.78	cps
Molybdenum	96-1	1216377	1211165	1224735	1217425	0.56	cps
Molybdenum	97-1	714445	711490	716069	714001	0.33	cps
Molybdenum	98-1	1840704	1832025	1835679	1836136	0.24	cps
Neodymium	150-1	60	67	60	62	6.19	cps
Neodymium	150-2	20	27	37	28	30.20	cps
Nickel	60-2	333192	337616	336356	335721	0.68	cps
Phosphorus	31-2	18337	18529	18195	18354	0.91	cps
Potassium	39-2	1213699	1229885	1228830	1224138	0.74	cps
Rhodium	103-1	6843203	6853200	6879089	6858497	0.27	cps
Rhodium	103-2	3163960	3211354	3187510	3187608	0.74	cps
Scandium	45-1	4422978	4408590	4635240	4488936	2.83	cps
Scandium	45-2	174555	176214	176904	175891	0.69	cps
Selenium	77-2	11048	11732	11478	11419	3.03	cps
Selenium	78-2	38278	38447	38061	38262	0.51	cps
Selenium	82-1	258415	255199	257020	256878	0.63	cps
Silicon	28-1	15061087	15084901	15270046	15138678	0.76	cps
Silver	109-1	568961	558227	572174	566454	1.29	cps
Silver	107-1	590175	590433	591295	590634	0.10	cps
Sodium	23-2	6231420	6243910	6266219	6247183	0.28	cps
Strontium	86-1	463215	462858	461632	462568	0.18	cps
Strontium	88-1	4006893	3985006	4021371	4004423	0.46	cps
Sulfur	34-1	243975	242653	243383	243337	0.27	cps
Terbium	159-1	10932631	10886699	11064434	10961255	0.84	cps
Terbium	159-2	5447173	5495681	5521587	5488147	0.69	cps
Thallium	203-1	14316896	14245863	14414722	14325827	0.59	cps
Thallium	205-1	34182877	33904073	34438532	34175160	0.78	cps
Thorium	232-1	2623	2478	2767	2623	5.51	cps
Tin	118-1	3674985	3653025	3683675	3670562	0.43	cps
Titanium	47-1	157356	158593	159889	158613	0.80	cps
Uranium	238-1	2617	2467	2350	2478	5.40	cps
Vanadium	51-2	364636	370735	368273	367881	0.83	cps
Yttrium	89-1	19158723	19117954	19276199	19184292	0.43	cps
Yttrium	89-2	2625643	2644680	2660540	2643621	0.66	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-01A	Instrumnet Name :	P7
Client Sample ID :	SMOKE-HOUSEA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 16:58:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	78741	78031	79683	78818	1.05	cps
Zirconium	90-1	2650	2550	2750	2650	3.77	cps
Zirconium	91-1	1117	1042	1025	1061	4.60	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	2134	2225	2156	2.85	cps
Antimony	121-1	4343	4143	4009	4165	4.03	cps
Arsenic	75-2	98	59	69	75	26.97	cps
Barium	135-1	11522	11447	11755	11575	1.39	cps
Barium	137-1	20124	19748	20074	19982	1.02	cps
Beryllium	9-1	180	187	170	179	4.69	cps
Bismuth	209-1	6794824	6834373	6903145	6844114	0.80	cps
Bismuth	209-2	4007634	4034561	4044975	4029057	0.48	cps
Boron	10-1	6743	6718	6235	6566	4.37	cps
Boron	11-1	31317	28987	29054	29786	4.45	cps
Cadmium	111-1	4094	3773	4057	3975	4.42	cps
Cadmium	106-1	5726	5268	5635	5543	4.38	cps
Cadmium	108-1	8	50	29	29	71.43	cps
Calcium	43-1	231770	228769	230603	230381	0.66	cps
Calcium	44-1	3749464	3730437	3728531	3736144	0.31	cps
Chromium	52-2	553	510	527	530	4.12	cps
Cobalt	59-2	193	187	140	173	16.77	cps
Copper	63-2	7969	7822	8142	7978	2.01	cps
Dysprosium	156-1	150	158	100	136	23.18	cps
Dysprosium	156-2	77	37	53	56	36.17	cps
Erbium	164-1	92	50	58	67	33.07	cps
Erbium	164-2	77	50	53	60	24.22	cps
Gadolinium	160-1	75	58	67	67	12.49	cps
Gadolinium	160-2	187	183	213	194	8.46	cps
Holmium	165-1	10733454	10707583	10768181	10736406	0.28	cps
Holmium	165-2	5590863	5585786	5608807	5595152	0.22	cps
Indium	115-1	8199290	8212457	8217868	8209872	0.12	cps
Indium	115-2	1608241	1597255	1602074	1602523	0.34	cps
Iron	56-2	39738	39771	39643	39717	0.17	cps
Iron	57-2	2250	2195	2172	2206	1.82	cps
Krypton	83-1	150	120	147	139	11.84	cps
Lead	206-1	2689	2617	2556	2621	2.55	cps
Lead	207-1	2506	2356	2384	2415	3.31	cps
Lead	208-1	10546	9835	9468	9950	5.51	cps
Lithium	6-1	2724614	2723048	2735257	2727640	0.24	cps
Magnesium	24-2	406003	403215	401771	403663	0.53	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24654	24290	24501	24482	0.75	cps
Molybdenum	94-1	1033	1133	1100	1089	4.68	cps
Molybdenum	95-1	1067	1033	942	1014	6.38	cps
Molybdenum	96-1	1258	1125	1075	1153	8.22	cps
Molybdenum	97-1	683	492	550	575	17.09	cps
Molybdenum	98-1	1725	1642	1667	1678	2.55	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	270	273	230	258	9.35	cps
Phosphorus	31-2	1542	1617	1584	1581	2.38	cps
Potassium	39-2	86971	85907	85202	86026	1.04	cps
Rhodium	103-1	6964069	6977446	7037772	6993095	0.56	cps
Rhodium	103-2	3246052	3222824	3194715	3221197	0.80	cps
Scandium	45-1	4727712	4704603	4695866	4709394	0.35	cps
Scandium	45-2	179567	177813	178744	178708	0.49	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	50	33	44	21.66	cps
Selenium	82-1	271	259	230	253	8.35	cps
Silicon	28-1	11738594	11729748	11815403	11761248	0.40	cps
Silver	109-1	225	333	242	267	21.88	cps
Silver	107-1	383	425	400	403	5.21	cps
Sodium	23-2	5694237	5646016	5633777	5658010	0.56	cps
Strontium	86-1	65542	66018	66974	66178	1.10	cps
Strontium	88-1	580844	577043	574921	577603	0.52	cps
Sulfur	34-1	258004	257014	257284	257434	0.20	cps
Terbium	159-1	10991110	10980677	11074663	11015483	0.47	cps
Terbium	159-2	5431889	5418352	5395660	5415300	0.34	cps
Thallium	203-1	6810	6302	5310	6141	12.43	cps
Thallium	205-1	15785	14692	13024	14500	9.59	cps
Thorium	232-1	2178	1939	2117	2078	5.97	cps
Tin	118-1	3992	4017	3926	3979	1.19	cps
Titanium	47-1	692	675	717	694	3.02	cps
Uranium	238-1	2550	2317	2467	2445	4.84	cps
Vanadium	51-2	170	143	193	169	14.81	cps
Yttrium	89-1	19585917	19523022	19691168	19600036	0.43	cps
Yttrium	89-2	2671941	2655059	2653580	2660193	0.38	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	K4379-02	Instrumnet Name :	P7
Client Sample ID :	FRESH-MEAT-PACKING	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:02:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15565	15241	15962	15590	2.32	cps
Zirconium	90-1	1400	1492	1517	1470	4.18	cps
Zirconium	91-1	300	325	283	303	6.93	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2650186	2614590	2643046	2635941	0.71	cps
Antimony	121-1	2858932	2905145	2894555	2886211	0.84	cps
Arsenic	75-2	92048	91485	91988	91840	0.34	cps
Barium	135-1	3852155	3872304	3883100	3869186	0.41	cps
Barium	137-1	7110904	7201257	7217773	7176645	0.80	cps
Beryllium	9-1	670713	675737	675027	673826	0.40	cps
Bismuth	209-1	6399935	6430335	6522706	6450992	0.99	cps
Bismuth	209-2	3705358	3709772	3728276	3714469	0.33	cps
Boron	10-1	103101	105022	106735	104953	1.73	cps
Boron	11-1	468382	478557	488573	478504	2.11	cps
Cadmium	111-1	896714	900161	898855	898577	0.19	cps
Cadmium	106-1	101369	102503	103393	102422	0.99	cps
Cadmium	108-1	66702	65936	66673	66437	0.65	cps
Calcium	43-1	4378756	4368305	4577472	4441511	2.65	cps
Calcium	44-1	74126443	74819016	74834964	74593475	0.54	cps
Chromium	52-2	754761	752697	750433	752630	0.29	cps
Cobalt	59-2	1218428	1219030	1215382	1217613	0.16	cps
Copper	63-2	1843471	1841411	1839112	1841331	0.12	cps
Dysprosium	156-1	108	100	150	119	22.43	cps
Dysprosium	156-2	117	140	100	119	16.90	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	77	103	77	86	18.00	cps
Gadolinium	160-1	58	108	150	106	43.48	cps
Gadolinium	160-2	250	197	193	213	14.91	cps
Holmium	165-1	10902749	10977987	11038779	10973171	0.62	cps
Holmium	165-2	5629684	5603349	5621030	5618021	0.24	cps
Indium	115-1	7713662	7779637	7787732	7760344	0.52	cps
Indium	115-2	1516482	1509535	1512443	1512820	0.23	cps
Iron	56-2	171209298	170942120	169661943	170604454	0.48	cps
Iron	57-2	4094505	4076174	4060815	4077165	0.41	cps
Krypton	83-1	210	147	167	174	18.56	cps
Lead	206-1	2603601	2601584	2615133	2606773	0.28	cps
Lead	207-1	2238983	2232010	2248183	2239725	0.36	cps
Lead	208-1	10194420	10205619	10256565	10218868	0.32	cps
Lithium	6-1	2640525	2633320	2660661	2644835	0.54	cps
Magnesium	24-2	29918601	29698230	29728044	29781625	0.40	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	963322	964540	958751	962204	0.32	cps
Molybdenum	94-1	6436533	6501058	6546929	6494840	0.85	cps
Molybdenum	95-1	7954639	8029970	8080107	8021572	0.79	cps
Molybdenum	96-1	8852214	8905006	8909473	8888898	0.36	cps
Molybdenum	97-1	4713016	4707131	4704394	4708180	0.09	cps
Molybdenum	98-1	12814213	12956139	12876373	12882242	0.55	cps
Neodymium	150-1	440	380	420	413	7.39	cps
Neodymium	150-2	63	67	67	66	2.94	cps
Nickel	60-2	308315	308128	309839	308761	0.30	cps
Phosphorus	31-2	26658	27343	28244	27415	2.90	cps
Potassium	39-2	14610565	14496513	14536526	14547868	0.40	cps
Rhodium	103-1	6324709	6380234	6372399	6359114	0.47	cps
Rhodium	103-2	2928360	2924551	2910645	2921186	0.32	cps
Scandium	45-1	4365448	4601693	4584865	4517335	2.92	cps
Scandium	45-2	177711	175206	175425	176114	0.79	cps
Selenium	77-2	2800	2790	2677	2756	2.49	cps
Selenium	78-2	8818	9101	9155	9024	2.01	cps
Selenium	82-1	60207	60419	60860	60495	0.55	cps
Silicon	28-1	2008106	2044297	2070313	2040905	1.53	cps
Silver	109-1	3730339	3756362	3752924	3746542	0.38	cps
Silver	107-1	3915555	3904796	3925141	3915164	0.26	cps
Sodium	23-2	55487703	55214749	55230960	55311137	0.28	cps
Strontium	86-1	955837	964809	968731	963126	0.69	cps
Strontium	88-1	8897061	8952784	8991684	8947176	0.53	cps
Sulfur	34-1	487606	490810	488422	488946	0.34	cps
Terbium	159-1	11143715	11180719	11145123	11156519	0.19	cps
Terbium	159-2	5448370	5425391	5407166	5426976	0.38	cps
Thallium	203-1	3231488	3246126	3269410	3249008	0.59	cps
Thallium	205-1	8221879	8328328	8337414	8295873	0.77	cps
Thorium	232-1	11537050	11555592	11688106	11593583	0.71	cps
Tin	118-1	2538311	2556500	2573932	2556248	0.70	cps
Titanium	47-1	1911501	1914247	1921057	1915602	0.26	cps
Uranium	238-1	10918099	10982832	11048640	10983190	0.59	cps
Vanadium	51-2	607882	607577	606001	607153	0.17	cps
Yttrium	89-1	18977556	19057117	19094110	19042928	0.31	cps
Yttrium	89-2	2623507	2611883	2609370	2614920	0.29	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:05:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	336149	335795	334412	335452	0.27	cps
Zirconium	90-1	4941546	5302224	5342759	5195510	4.25	cps
Zirconium	91-1	1098885	1108126	1108086	1105032	0.48	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	458	500	442	15.44	cps
Antimony	121-1	3767	3959	4051	3926	3.68	cps
Arsenic	75-2	31	35	33	33	5.57	cps
Barium	135-1	900	967	833	900	7.41	cps
Barium	137-1	1500	1283	1333	1372	8.27	cps
Beryllium	9-1	287	240	227	251	12.55	cps
Bismuth	209-1	6930478	6895444	6879141	6901688	0.38	cps
Bismuth	209-2	4052275	4105968	4062928	4073724	0.70	cps
Boron	10-1	4809	5626	4893	5109	8.80	cps
Boron	11-1	23803	23452	23152	23469	1.39	cps
Cadmium	111-1	4220	4100	4212	4177	1.61	cps
Cadmium	106-1	5718	5526	5710	5651	1.92	cps
Cadmium	108-1	58	21	8	29	89.22	cps
Calcium	43-1	1133	1083	992	1070	6.72	cps
Calcium	44-1	23546	22210	20833	22196	6.11	cps
Chromium	52-2	403	370	423	399	6.76	cps
Cobalt	59-2	240	250	217	236	7.26	cps
Copper	63-2	893	797	750	813	8.99	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	27	27	50	34	39.10	cps
Erbium	164-1	100	58	50	69	38.57	cps
Erbium	164-2	60	50	40	50	20.00	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	150	193	183	176	12.93	cps
Holmium	165-1	10729566	10798537	10752159	10760087	0.33	cps
Holmium	165-2	5524508	5610038	5637779	5590775	1.06	cps
Indium	115-1	8242767	8280652	8337523	8286981	0.58	cps
Indium	115-2	1618261	1640692	1640277	1633077	0.79	cps
Iron	56-2	29976	27721	26040	27912	7.07	cps
Iron	57-2	822	783	656	754	11.57	cps
Krypton	83-1	187	130	140	152	19.87	cps
Lead	206-1	1772	1656	1495	1641	8.50	cps
Lead	207-1	1828	1728	1595	1717	6.82	cps
Lead	208-1	6240	6495	5723	6153	6.40	cps
Lithium	6-1	2724567	2741619	2730582	2732256	0.32	cps
Magnesium	24-2	4909	4092	3809	4270	13.38	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	203	177	202	12.37	cps
Molybdenum	94-1	2517	2425	2125	2356	8.70	cps
Molybdenum	95-1	3175	2967	2542	2895	11.15	cps
Molybdenum	96-1	3442	3125	2917	3162	8.36	cps
Molybdenum	97-1	1875	1900	1492	1756	13.04	cps
Molybdenum	98-1	4951	4326	4159	4479	9.32	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	20	3	13	12	68.66	cps
Nickel	60-2	140	123	100	121	16.59	cps
Phosphorus	31-2	58	58	67	61	7.87	cps
Potassium	39-2	11788	11989	11880	11886	0.84	cps
Rhodium	103-1	7086477	7138517	7176091	7133695	0.63	cps
Rhodium	103-2	3289169	3317547	3352422	3319712	0.95	cps
Scandium	45-1	4702901	4754959	4769970	4742610	0.74	cps
Scandium	45-2	182462	182822	184357	183214	0.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	48	28	43	31.58	cps
Selenium	82-1	163	191	235	196	18.64	cps
Silicon	28-1	102903	102551	101333	102262	0.81	cps
Silver	109-1	1058	1033	1117	1070	4.00	cps
Silver	107-1	1200	1117	1108	1142	4.44	cps
Sodium	23-2	18629	17803	18220	18217	2.27	cps
Strontium	86-1	558	542	475	525	8.40	cps
Strontium	88-1	2125	1867	1975	1989	6.52	cps
Sulfur	34-1	167076	165055	168553	166895	1.05	cps
Terbium	159-1	10972038	11011657	11011949	10998548	0.21	cps
Terbium	159-2	5418843	5461305	5467245	5449131	0.48	cps
Thallium	203-1	2725	2850	2484	2687	6.94	cps
Thallium	205-1	6327	6010	5360	5899	8.36	cps
Thorium	232-1	6346	6196	5646	6063	6.08	cps
Tin	118-1	2534	2492	2742	2589	5.17	cps
Titanium	47-1	575	592	508	558	7.90	cps
Uranium	238-1	5126	5035	4109	4757	11.83	cps
Vanadium	51-2	157	97	80	111	36.29	cps
Yttrium	89-1	19604141	19717567	19793406	19705038	0.48	cps
Yttrium	89-2	2703761	2717195	2737354	2719436	0.62	cps

LB Number :	LB104643	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-08-15 17:09:31	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307	313	280	300	5.88	cps
Zirconium	90-1	2142	2234	1842	2072	9.89	cps
Zirconium	91-1	333	408	467	403	16.60	cps