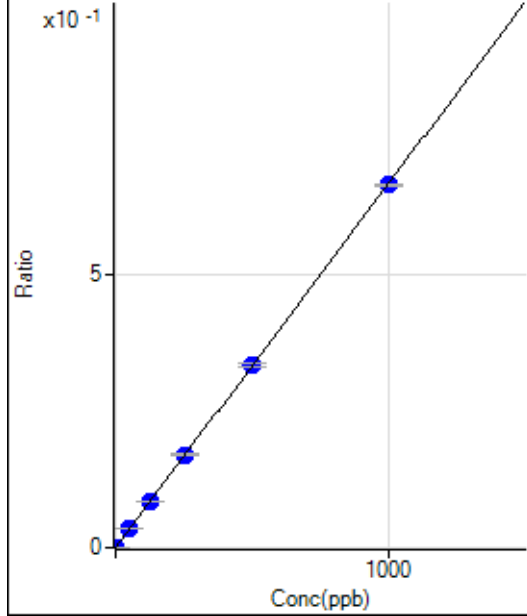


Batch Folder: D:\ICP-MS Data\P7103019 MS.b\
Analysis File: P7103019 MS.batch.bin
DA Date-Time: 2019-10-30 17:53:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-10-30 11:15:07
2			
3	005CALS.d	S02	2019-10-30 11:23:34
4	006CALS.d	S03	2019-10-30 11:27:28
5	007CALS.d	S04	2019-10-30 11:31:38
6	008CALS.d	S05	2019-10-30 11:35:26
7	009CALS.d	S06	2019-10-30 11:39:11
8	010CALS.d	S07	2019-10-30 11:42:55
9	011CALS.d	S08	2019-10-30 11:46:41

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	1.066	3656.09	0.0007	P	0.3
4	☐	50.000	51.462	174519.45	0.0342	P	0.8
5	☐	125.000	127.378	430491.09	0.0847	P	0.4
6	☐	250.000	256.000	866524.91	0.1702	P	0.9
7	☐	500.000	502.704	1709397.84	0.3342	P	1.5
8	☐	1000.000	996.778	3298494.14	0.6626	P	0.5
9	☐			550.03	0.0001	P	11.1

$$y = 6.6475\text{E-}004 * x + 1.3146\text{E-}005$$

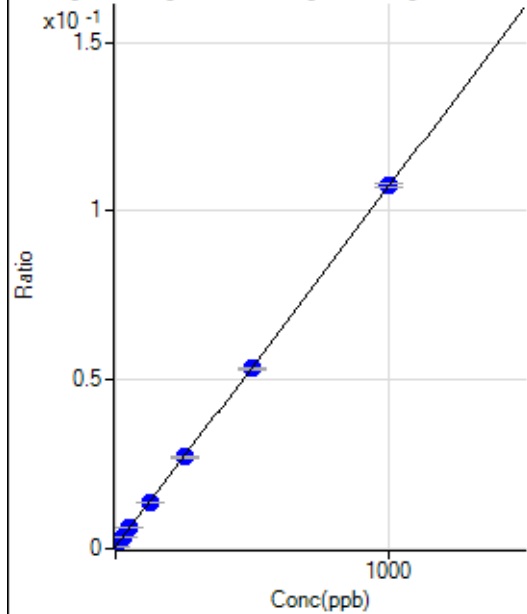
$$R = 1.0000$$

$$DL = 0.00761$$

$$BEC = 0.01978$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2403.06	0.0005	P	9.1
2	☐	2.500					
3	☐	25.000	26.033	16540.12	0.0033	P	2.2
4	☐	50.000	52.835	31244.32	0.0061	P	1.0
5	☐	125.000	124.617	70087.94	0.0138	P	1.6
6	☐	250.000	250.050	138363.08	0.0272	P	1.3
7	☐	500.000	494.637	272539.34	0.0533	P	1.0
8	☐	1000.000	1002.550	535052.08	0.1075	P	1.1
9	☐			21293.51	0.0043	P	4.1

$$y = 1.0673\text{E-}004 * x + 4.8767\text{E-}004$$

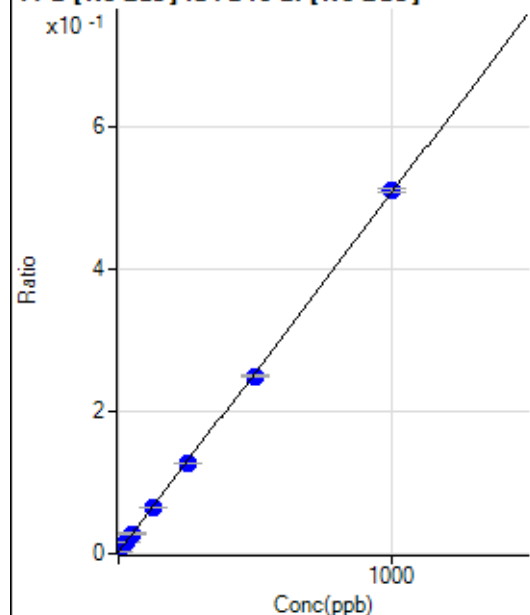
$$R = 1.0000$$

$$DL = 1.252$$

$$BEC = 4.569$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11607.68	0.0024	P	4.7
2	☐	2.500					
3	☐	25.000	25.195	76195.20	0.0150	P	0.5
4	☐	50.000	51.165	143439.77	0.0281	P	2.2
5	☐	125.000	123.345	327813.14	0.0645	P	1.7
6	☐	250.000	246.836	645063.44	0.1267	P	1.4
7	☐	500.000	490.539	1276062.02	0.2494	P	0.9
8	☐	1000.000	1005.665	2533330.09	0.5089	P	1.2
9	☐			97833.86	0.0199	P	3.9

$$y = 5.0372\text{E-}004 * x + 0.0024$$

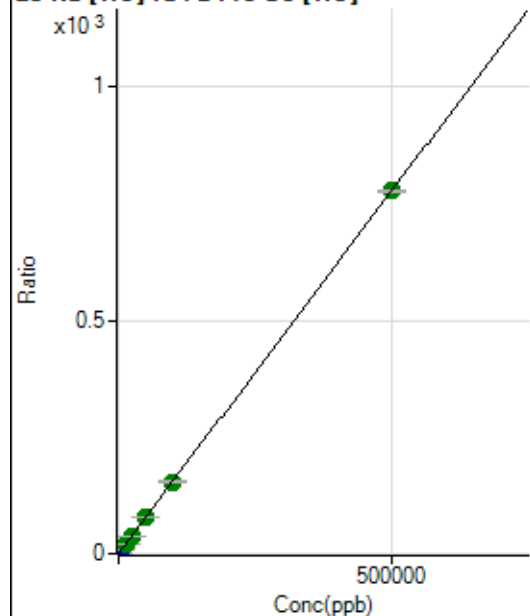
$$R = 0.9999$$

$$DL = 0.6588$$

$$BEC = 4.676$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11860.65	0.0314	P	1.8
2	☐	50.000					
3	☐	500.000	518.023	315086.03	0.8355	P	1.4
4	☐	5000.000	5096.742	3028733.10	7.9427	P	1.2
5	☐	12500.000	12575.124	7471531.33	19.5509	A	0.3
6	☐	25000.000	25039.979	14700135.40	38.8994	A	0.5
7	☐	50000.000	49523.428	29761350.66	76.9035	A	0.6
8	☐	100000.00	99029.188	61258449.98	153.7483	A	0.8
9	☐	500000.00	500236.95	335325865.8	776.5184	A	0.6

$$y = 0.0016 * x + 0.0314$$

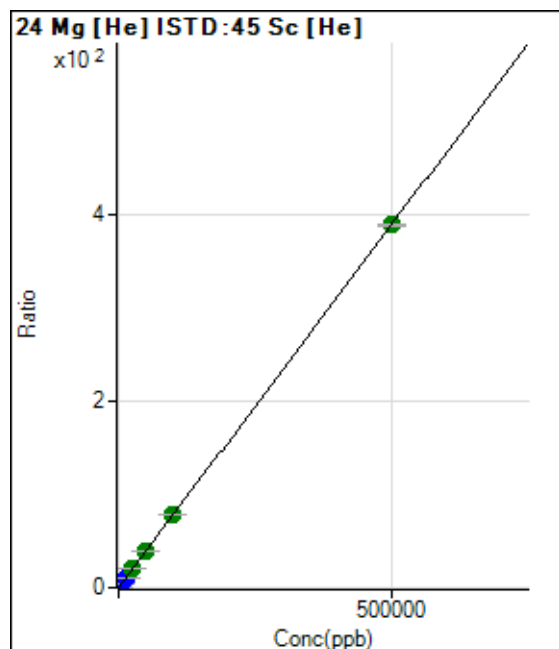
$$R = 1.0000$$

$$DL = 1.12$$

$$BEC = 20.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0003	P	9.5
2	☐	50.000					
3	☐	500.000	556.572	163754.86	0.4342	P	1.8
4	☐	5000.000	5212.863	1549687.32	4.0640	P	1.3
5	☐	12500.000	12972.264	3864712.02	10.1128	P	0.2
6	☐	25000.000	25623.371	7548572.39	19.9750	A	0.4
7	☐	50000.000	50311.128	15177769.26	39.2203	A	1.0
8	☐	100000.00	100277.03	31146263.54	78.1712	A	0.6
9	☐	500000.00	499868.31	168272087.1	389.6719	A	0.8

$$y = 7.7955\text{E-}004 * x + 3.3771\text{E-}004$$

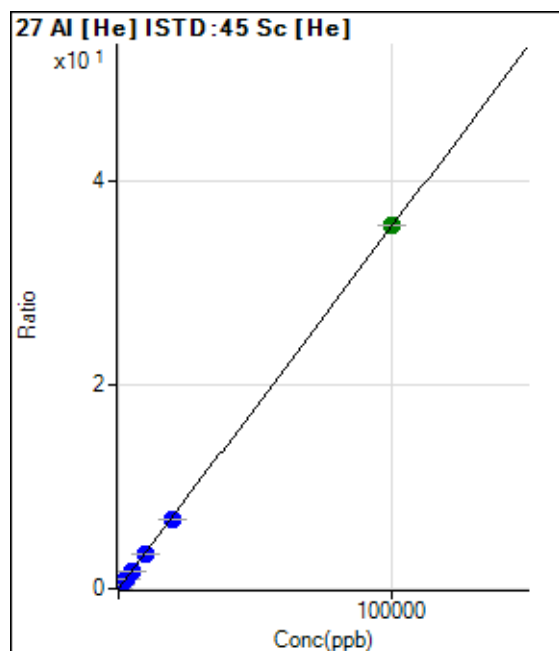
$$R = 1.0000$$

$$DL = 0.1229$$

$$BEC = 0.4332$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0001	P	49.2
2	☐	2.000					
3	☐	20.000	19.629	2647.57	0.0070	P	3.5
4	☐	1000.000	988.840	133878.08	0.3511	P	1.5
5	☐	2500.000	2450.307	332451.43	0.8699	P	0.3
6	☐	5000.000	4848.080	650438.12	1.7212	P	0.3
7	☐	10000.000	9565.753	1314196.97	3.3960	P	1.0
8	☐	20000.000	19003.508	2687972.41	6.7464	P	0.9
9	☐	100000.00	100251.67	15368842.18	35.5902	A	0.0

$$y = 3.5501\text{E-}004 * x + 5.1303\text{E-}005$$

$$R = 0.9999$$

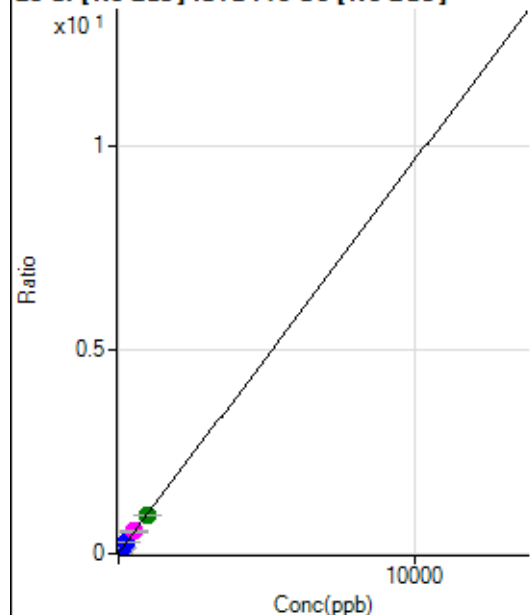
$$DL = 0.2132$$

$$BEC = 0.1445$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	198868.59	0.0215	P	0.2
2	☐	1.000					
3	☐	10.000	9.797	294518.77	0.0309	P	0.3
4	☐	50.000	53.866	701182.28	0.0735	P	1.2
5	☐	125.000	134.685	1444459.34	0.1517	P	0.7
6	☐	250.000	272.350	2727527.01	0.2849	P	1.3
7	☐	500.000	549.348	5345268.48	0.5527	M	3.6
8	☐	1000.000	968.337	9164917.48	0.9580	A	0.7
9	☐			1370783.19	0.1419	P	1.5

$$y = 9.6714\text{E-}004 * x + 0.0215$$

$$R = 0.9978$$

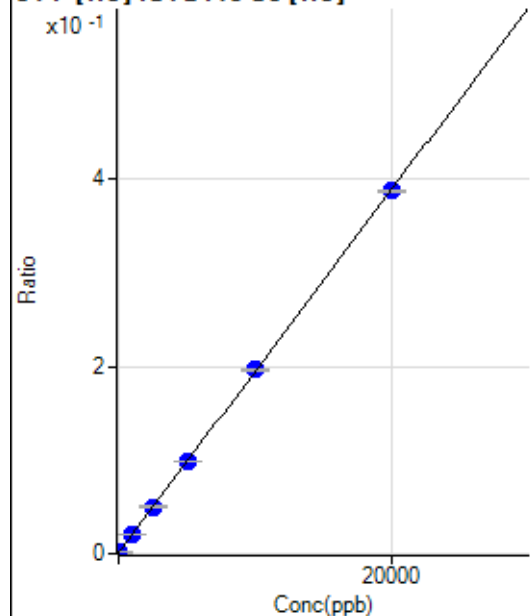
$$DL = 0.105$$

$$BEC = 22.18$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-24.871	141.67	0.0004	P	5.2
2	☐	0.000					
3	☐	0.000	24.871	505.59	0.0013	P	14.1
4	☐	1000.000	1011.785	7805.14	0.0205	P	3.4
5	☐	2500.000	2547.399	19199.13	0.0502	P	3.2
6	☐	5000.000	5030.958	37180.56	0.0984	P	0.2
7	☐	10000.000	10107.823	76161.25	0.1968	P	0.9
8	☐	20000.000	19931.835	154293.04	0.3873	P	0.8
9	☐			227.79	0.0005	P	26.6

$$y = 1.9386\text{E-}005 * x + 8.5659\text{E-}004$$

$$R = 1.0000$$

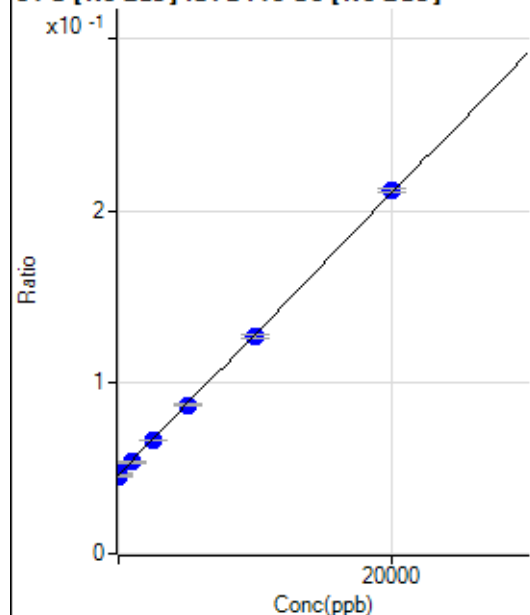
$$DL = 16.13$$

$$BEC = 44.19$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	106.246	435806.51	0.0470	P	0.9
2	☐	0.000					
3	☐	0.000	-106.246	431083.39	0.0453	P	1.0
4	☐	1000.000	881.268	508824.96	0.0534	P	0.8
5	☐	2500.000	2399.632	626778.14	0.0658	P	0.2
6	☐	5000.000	4908.914	827455.57	0.0864	P	1.2
7	☐	10000.000	9773.132	1221870.90	0.1263	P	1.5
8	☐	20000.000	20154.688	2023580.10	0.2115	P	1.1
9	☐			413537.12	0.0428	P	1.1

$$y = 8.2056E-006 * x + 0.0461$$

$$R = 0.9999$$

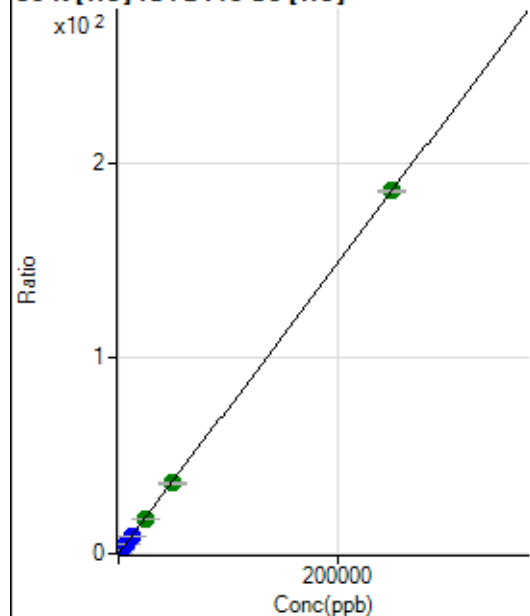
$$DL = 156.5$$

$$BEC = 5623$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19719.26	0.0521	P	3.6
2	☐	50.000					
3	☐	500.000	508.805	161934.87	0.4293	P	0.1
4	☐	2500.000	2485.800	722543.53	1.8949	P	1.4
5	☐	6250.000	6160.652	1765201.71	4.6191	P	0.4
6	☐	12500.000	12253.708	3452457.11	9.1359	P	0.5
7	☐	25000.000	24320.358	6997191.56	18.0809	A	0.7
8	☐	50000.000	48469.577	14336798.58	35.9829	A	1.0
9	☐	250000.00	250388.72	80176953.18	185.6665	A	0.5

$$y = 7.4130E-004 * x + 0.0521$$

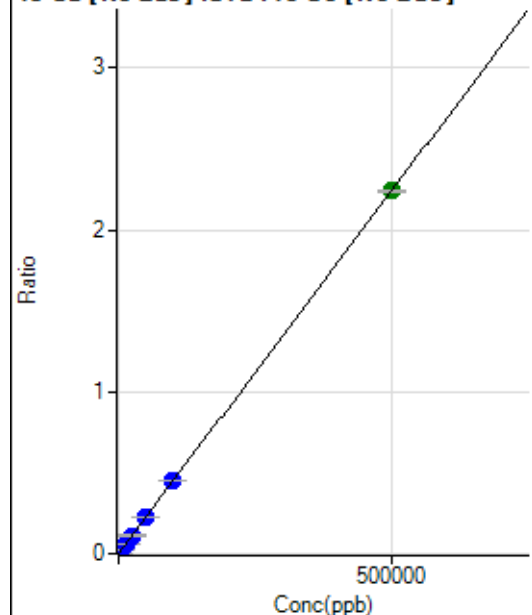
$$R = 1.0000$$

$$DL = 7.574$$

$$BEC = 70.33$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	5.6
2	☐	50.000					
3	☐	500.000	515.265	22150.68	0.0023	P	2.2
4	☐	5000.000	5098.944	218004.61	0.0229	P	0.5
5	☐	12500.000	12583.709	537038.85	0.0564	P	0.3
6	☐	25000.000	25127.861	1078286.22	0.1126	P	0.9
7	☐	50000.000	49591.052	2149601.74	0.2222	P	0.7
8	☐	100000.00	99781.244	4277780.74	0.4471	P	0.5
9	☐	500000.00	500075.15	21645954.48	2.2408	A	0.5

$$y = 4.4809\text{E-}006 * x + 1.7082\text{E-}005$$

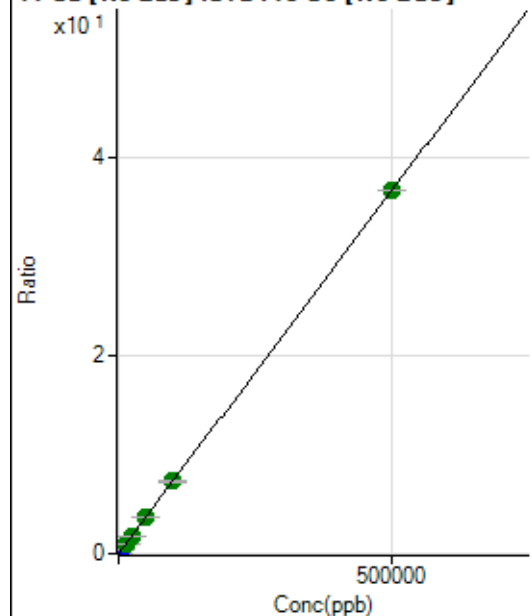
$$R = 1.0000$$

$$DL = 0.6453$$

$$BEC = 3.812$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11416.58	0.0012	P	3.7
2	☐	50.000					
3	☐	500.000	521.758	374934.75	0.0394	P	1.1
4	☐	5000.000	5102.118	3567664.88	0.3742	P	0.4
5	☐	12500.000	12484.363	8700679.97	0.9138	A	0.3
6	☐	25000.000	25022.166	17524853.69	1.8303	A	1.0
7	☐	50000.000	49480.476	34995702.87	3.6181	A	1.1
8	☐	100000.00	99409.632	69531652.94	7.2678	A	0.7
9	☐	500000.00	500168.26	353182182.8	36.5621	A	0.1

$$y = 7.3097\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

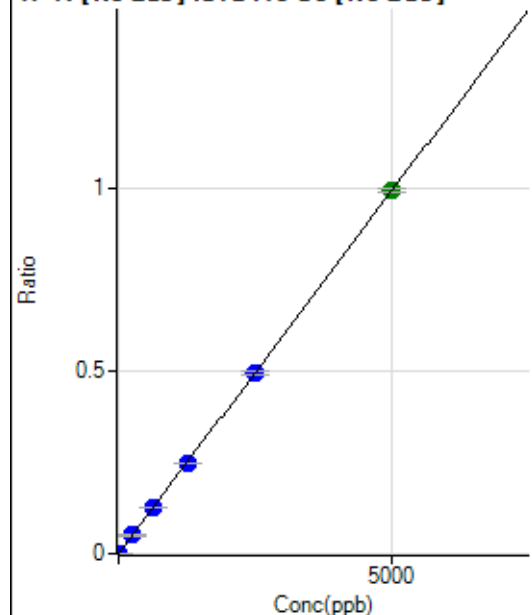
$$DL = 1.882$$

$$BEC = 16.85$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	16.4
2	☐	0.500					
3	☐	5.000	5.365	10245.57	0.0011	P	3.4
4	☐	250.000	253.012	477896.12	0.0501	P	1.2
5	☐	625.000	625.316	1179381.89	0.1239	P	0.2
6	☐	1250.000	1247.838	2366629.07	0.2472	P	1.5
7	☐	2500.000	2489.698	4769585.83	0.4931	P	1.5
8	☐	5000.000	5005.501	9484878.25	0.9914	A	1.2
9	☐			3986.82	0.0004	P	2.0

$$y = 1.9807\text{E-}004 * x + 1.3174\text{E-}005$$

$$R = 1.0000$$

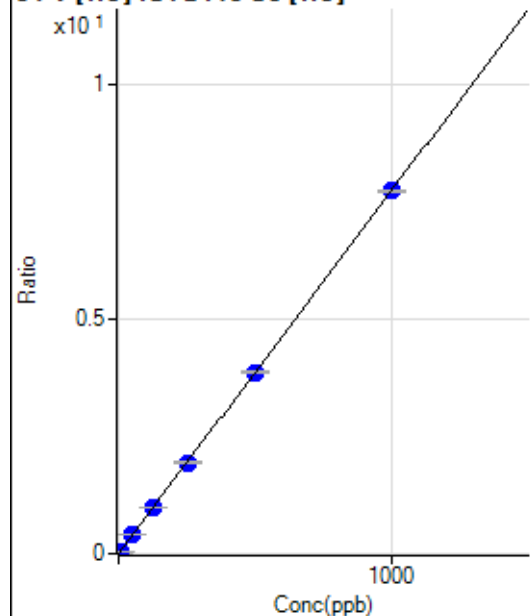
$$DL = 0.0328$$

$$BEC = 0.06651$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	82.7
2	☐	0.500					
3	☐	5.000	5.483	15989.97	0.0424	P	3.2
4	☐	50.000	50.978	150239.24	0.3940	P	1.7
5	☐	125.000	126.717	374259.48	0.9793	P	0.4
6	☐	250.000	251.545	734659.83	1.9440	P	0.5
7	☐	500.000	499.583	1494154.63	3.8609	P	0.9
8	☐	1000.000	999.557	3077851.27	7.7249	P	0.7
9	☐			1599.00	0.0037	P	3.1

$$y = 0.0077 * x + 3.2220\text{E-}005$$

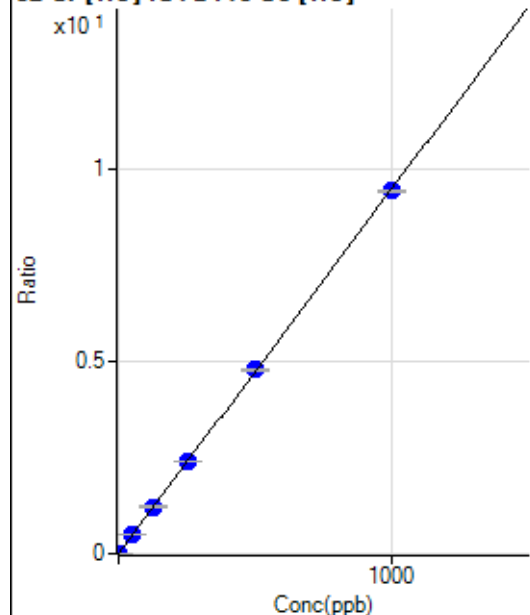
$$R = 1.0000$$

$$DL = 0.01035$$

$$BEC = 0.004169$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	656.69	0.0017	P	12.3
2	☐	0.200					
3	☐	2.000	2.167	8409.18	0.0223	P	1.9
4	☐	50.000	52.336	190034.43	0.4984	P	1.6
5	☐	125.000	128.983	468410.76	1.2257	P	0.7
6	☐	250.000	255.455	916732.25	2.4258	P	0.2
7	☐	500.000	504.650	1853885.14	4.7905	P	0.9
8	☐	1000.000	995.696	3765323.59	9.4503	P	0.8
9	☐			149382.05	0.3459	P	0.4

$$y = 0.0095 * x + 0.0017$$

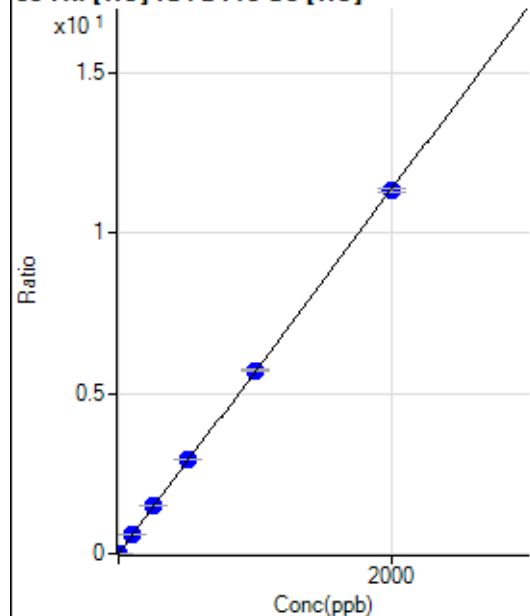
$$R = 1.0000$$

$$DL = 0.06781$$

$$BEC = 0.183$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	487.79	0.0013	P	9.1
2	☐	0.100					
3	☐	1.000	1.013	2655.84	0.0070	P	4.1
4	☐	100.000	104.704	227182.30	0.5958	P	1.8
5	☐	250.000	259.271	563077.36	1.4734	P	0.1
6	☐	500.000	515.416	1106422.81	2.9278	P	1.3
7	☐	1000.000	1006.717	2212568.01	5.7174	P	0.9
8	☐	2000.000	1991.393	4505497.99	11.3083	P	1.1
9	☐			18673.14	0.0432	P	1.8

$$y = 0.0057 * x + 0.0013$$

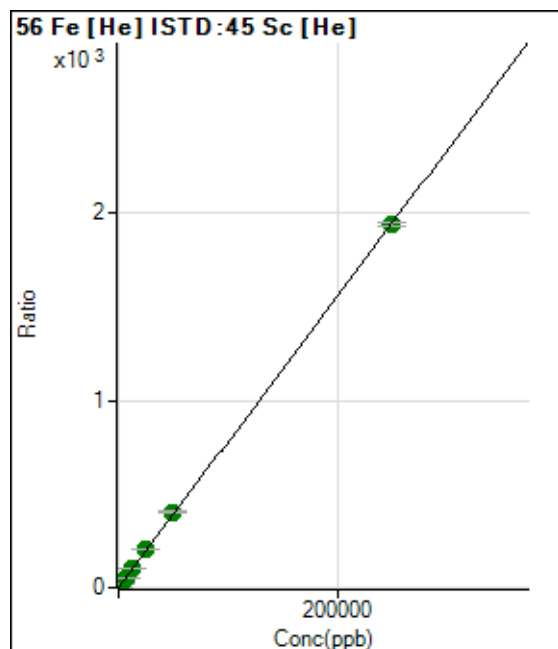
$$R = 1.0000$$

$$DL = 0.062$$

$$BEC = 0.2272$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5025.08	0.0133	P	2.1
2	☐	5.000					
3	☐	50.000	59.470	179451.13	0.4758	P	1.9
4	☐	2500.000	2745.233	8145855.80	21.3633	A	1.9
5	☐	6250.000	6822.043	20280901.15	53.0691	A	0.6
6	☐	12500.000	13547.520	39821172.65	105.3739	A	0.8
7	☐	25000.000	26401.009	79462731.41	205.3370	A	1.1
8	☐	50000.000	52086.331	161404548.0	405.0947	A	0.5
9	☐	250000.00	249373.50	837490781.6	1,939.419	A	1.0

$$y = 0.0078 * x + 0.0133$$

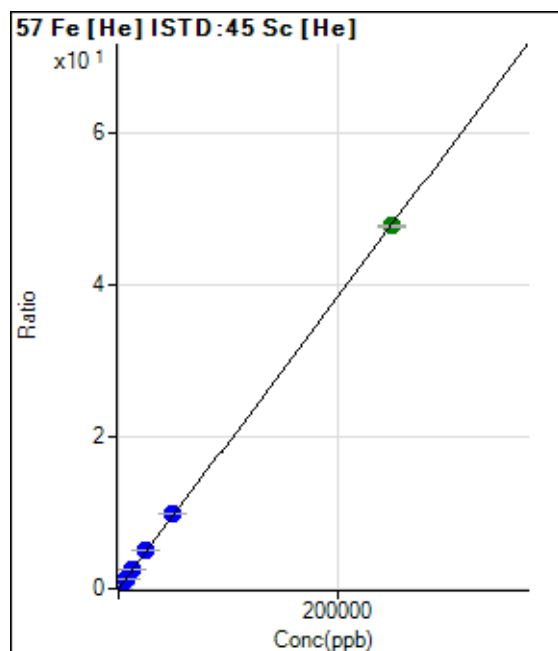
$$R = 1.0000$$

$$DL = 0.1091$$

$$BEC = 1.708$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.05	0.0006	P	16.0
2	☐	5.000					
3	☐	50.000	62.117	4724.95	0.0125	P	1.8
4	☐	2500.000	2752.292	201301.94	0.5279	P	1.7
5	☐	6250.000	6829.479	500261.72	1.3090	P	0.2
6	☐	12500.000	13481.337	976280.53	2.5834	P	0.9
7	☐	25000.000	26310.889	1950999.81	5.0414	P	0.5
8	☐	50000.000	51977.588	3967892.28	9.9587	P	0.7
9	☐	250000.00	249407.31	20633826.16	47.7830	A	0.5

$$y = 1.9158E-004 * x + 6.2639E-004$$

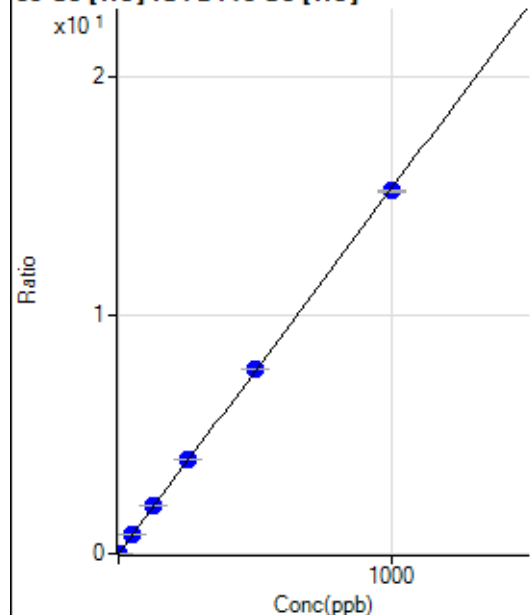
$$R = 1.0000$$

$$DL = 1.569$$

$$BEC = 3.27$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0004	P	17.3
2	☐	0.100					
3	☐	1.000	1.095	6468.18	0.0171	P	1.0
4	☐	50.000	53.125	310022.49	0.8131	P	1.8
5	☐	125.000	131.815	770729.30	2.0168	P	0.3
6	☐	250.000	260.040	1503385.58	3.9782	P	0.4
7	☐	500.000	505.921	2995161.06	7.7395	P	0.6
8	☐	1000.000	993.521	6055746.51	15.1984	P	0.6
9	☐			13837.79	0.0320	P	0.8

$$y = 0.0153 * x + 3.9085E-004$$

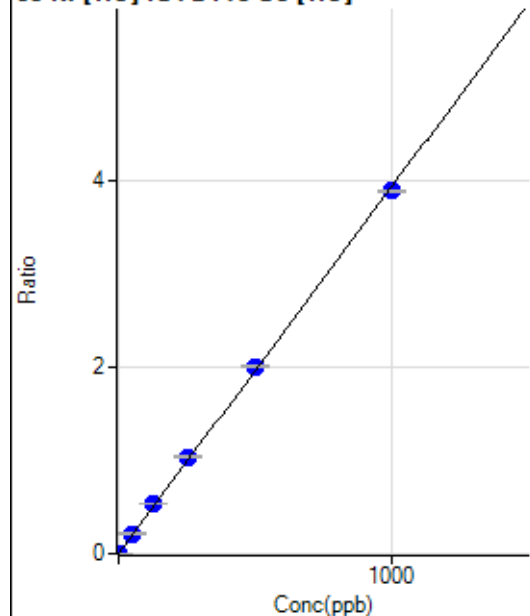
$$R = 0.9999$$

$$DL = 0.01329$$

$$BEC = 0.02555$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0001	P	28.2
2	☐	0.100					
3	☐	1.000	1.155	1755.69	0.0047	P	1.4
4	☐	50.000	54.682	82147.51	0.2154	P	1.7
5	☐	125.000	133.926	201582.53	0.5275	P	0.1
6	☐	250.000	264.587	393777.85	1.0420	P	0.4
7	☐	500.000	510.631	778204.12	2.0109	P	0.6
8	☐	1000.000	989.688	1552872.46	3.8973	P	0.7
9	☐			42268.63	0.0979	P	1.1

$$y = 0.0039 * x + 1.0561E-004$$

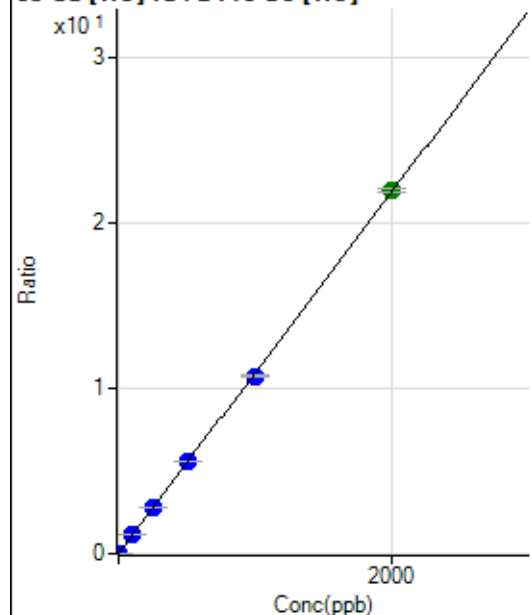
$$R = 0.9998$$

$$DL = 0.02267$$

$$BEC = 0.02682$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3261.53	0.0086	P	0.9
2	☐	0.200					
3	☐	2.000	2.101	11909.45	0.0316	P	1.8
4	☐	100.000	105.600	443142.17	1.1622	P	1.6
5	☐	250.000	256.960	1075985.50	2.8155	P	0.3
6	☐	500.000	505.769	2091094.53	5.5334	P	0.4
7	☐	1000.000	979.954	4145931.15	10.7132	P	1.0
8	☐	2000.000	2007.431	8740303.13	21.9370	A	1.0
9	☐			19111.57	0.0443	P	2.4

$$y = 0.0109 * x + 0.0086$$

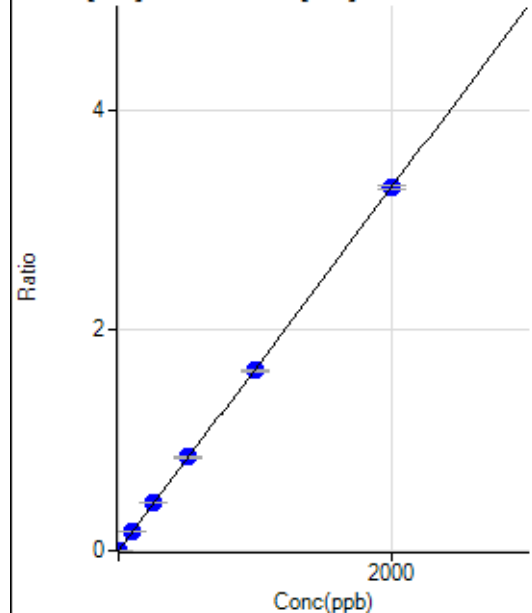
$$R = 0.9999$$

$$DL = 0.02174$$

$$BEC = 0.7894$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278.90	0.0007	P	4.9
2	☐	0.200					
3	☐	2.000	2.593	1892.38	0.0050	P	3.2
4	☐	100.000	108.496	68533.58	0.1797	P	1.6
5	☐	250.000	265.551	167705.02	0.4388	P	0.2
6	☐	500.000	514.907	321296.13	0.8502	P	0.8
7	☐	1000.000	993.773	634747.82	1.6402	P	1.2
8	☐	2000.000	1997.017	1312964.78	3.2954	P	1.0
9	☐			20294.30	0.0470	P	0.1

$$y = 0.0016 * x + 7.3747E-004$$

$$R = 0.9999$$

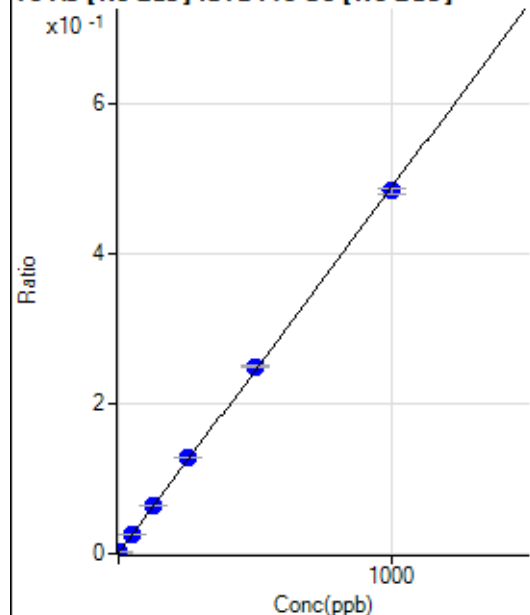
$$DL = 0.06558$$

$$BEC = 0.447$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6024.43	0.0006	P	4.5
2	☐	0.100					
3	☐	1.000	2.865	19472.16	0.0020	P	3.0
4	☐	50.000	53.707	255481.39	0.0268	P	0.1
5	☐	125.000	132.046	618241.20	0.0649	P	0.7
6	☐	250.000	262.241	1228598.83	0.1283	P	1.3
7	☐	500.000	510.438	2409673.82	0.2491	P	1.6
8	☐	1000.000	990.653	4620004.43	0.4829	P	1.3
9	☐			10423.59	0.0011	P	1.5

$$y = 4.8682\text{E-}004 * x + 6.4986\text{E-}004$$

$$R = 0.9998$$

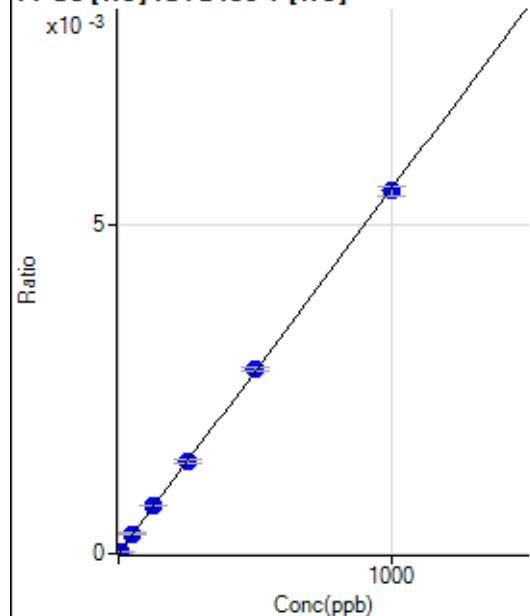
$$DL = 0.1801$$

$$BEC = 1.335$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.599	63.33	0.0000	P	22.3
4	☐	50.000	54.167	608.91	0.0003	P	4.5
5	☐	125.000	131.341	1485.66	0.0007	P	3.0
6	☐	250.000	254.443	2825.87	0.0014	P	3.6
7	☐	500.000	507.564	5702.32	0.0028	P	2.1
8	☐	1000.000	994.103	11384.61	0.0055	P	2.8
9	☐			11.11	0.0000	P	76.4

$$y = 5.5327\text{E-}006 * x + 5.5917\text{E-}007$$

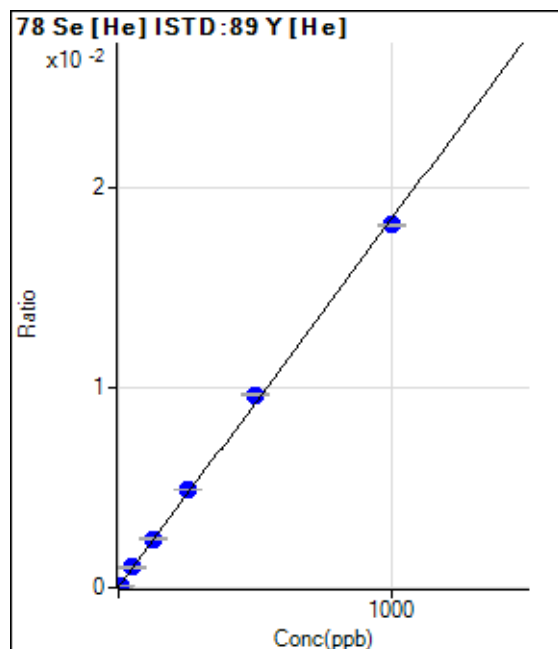
$$R = 0.9999$$

$$DL = 0.5252$$

$$BEC = 0.1011$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.41	0.0000	P	6.7
2	☐	0.500					
3	☐	5.000	5.265	252.47	0.0001	P	8.9
4	☐	50.000	54.297	2082.27	0.0010	P	4.6
5	☐	125.000	131.278	4989.18	0.0024	P	2.0
6	☐	250.000	263.710	9787.94	0.0049	P	0.6
7	☐	500.000	522.414	19556.46	0.0096	P	0.8
8	☐	1000.000	984.365	37522.50	0.0181	P	0.7
9	☐			100.00	0.0000	P	11.2

$$y = 1.8386\text{E-}005 * x + 2.8803\text{E-}005$$

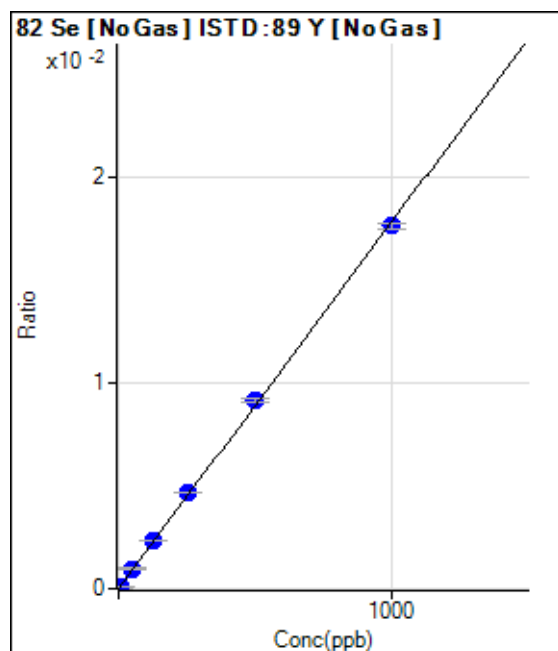
$$R = 0.9995$$

$$DL = 0.3152$$

$$BEC = 1.567$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.63	0.0000	P	61.7
2	☐	0.500					
3	☐	5.000	5.754	1649.28	0.0001	P	3.6
4	☐	50.000	54.485	15224.69	0.0010	P	2.3
5	☐	125.000	132.533	36847.08	0.0024	P	0.8
6	☐	250.000	261.656	72796.69	0.0047	P	0.9
7	☐	500.000	512.026	143233.96	0.0091	P	2.0
8	☐	1000.000	989.903	272742.98	0.0176	P	1.6
9	☐			516.76	0.0000	P	26.7

$$y = 1.7816\text{E-}005 * x + 3.3927\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.3523$$

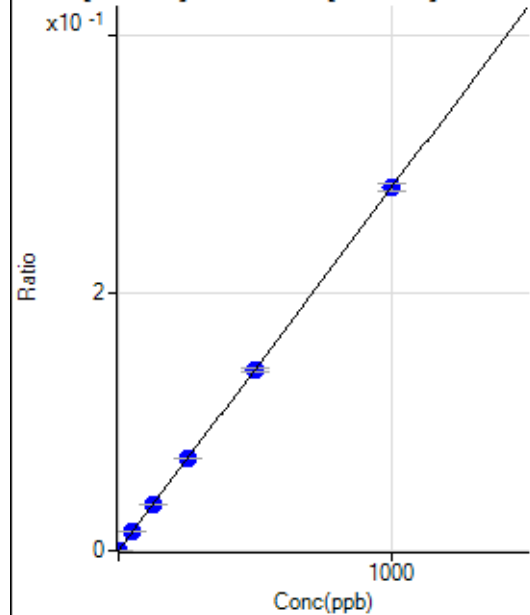
$$BEC = 0.1904$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1472.32		P	5.1
2	☐						
3	☐			1596.78		P	3.6
4	☐			1462.32		P	5.7
5	☐			1484.55		P	4.4
6	☐			1441.21		P	4.4
7	☐			1494.55		P	1.6
8	☐			1570.11		P	9.9
9	☐			1613.45		P	6.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2333.63	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.993	6749.09	0.0004	P	6.7
4	☐	50.000	51.319	228440.54	0.0146	P	0.2
5	☐	125.000	125.798	554805.11	0.0356	P	1.0
6	☐	250.000	253.091	1115411.64	0.0715	P	1.1
7	☐	500.000	498.885	2209264.26	0.1407	P	1.6
8	☐	1000.000	999.619	4357848.62	0.2819	P	2.1
9	☐			20771.26	0.0014	P	2.1

$$y = 2.8180E-004 * x + 1.5353E-004$$

$$R = 1.0000$$

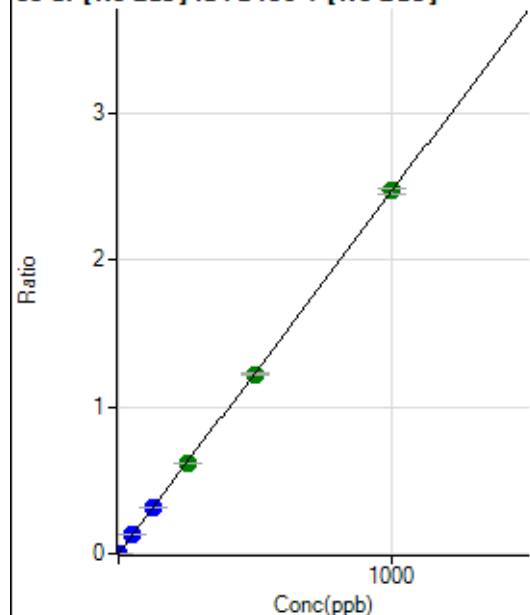
$$DL = 0.03524$$

$$BEC = 0.5448$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	51.7
2	☐	0.100					
3	☐	1.000	1.057	40789.66	0.0026	P	1.7
4	☐	50.000	50.819	1961000.19	0.1255	P	0.5
5	☐	125.000	125.945	4844941.91	0.3109	P	0.9
6	☐	250.000	249.997	9631324.17	0.6172	A	1.2
7	☐	500.000	496.322	19231940.19	1.2252	A	1.8
8	☐	1000.000	1001.681	38233800.16	2.4728	A	1.8
9	☐			157713.43	0.0103	P	1.3

$$y = 0.0025 * x + 1.0248E-005$$

$$R = 1.0000$$

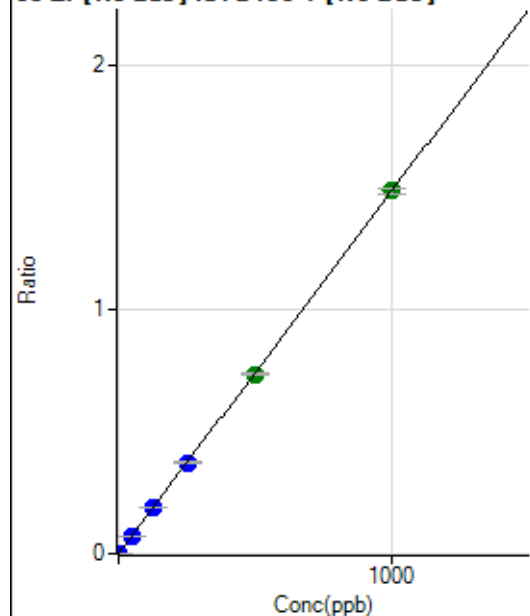
$$DL = 0.006436$$

$$BEC = 0.004151$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	955.63	0.0001	P	1.3
2	☐	0.100					
3	☐	1.000	0.922	22279.28	0.0014	P	3.9
4	☐	50.000	50.315	1167120.48	0.0747	P	0.3
5	☐	125.000	125.469	2900127.41	0.1861	P	0.1
6	☐	250.000	251.618	5823228.91	0.3732	P	1.1
7	☐	500.000	496.165	11550374.39	0.7358	A	1.3
8	☐	1000.000	1001.439	22961613.71	1.4850	A	1.5
9	☐			7402.22	0.0005	P	1.9

$$y = 0.0015 * x + 6.2872E-005$$

$$R = 1.0000$$

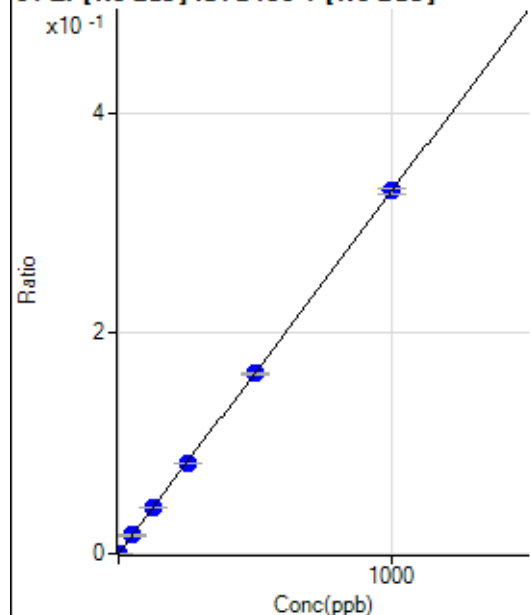
$$DL = 0.001606$$

$$BEC = 0.0424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	0.931	4956.63	0.0003	P	2.9
4	☐	50.000	50.438	259123.45	0.0166	P	0.7
5	☐	125.000	125.532	642680.60	0.0412	P	0.6
6	☐	250.000	250.082	1281956.49	0.0821	P	0.8
7	☐	500.000	496.616	2560733.85	0.1631	P	1.0
8	☐	1000.000	1001.583	5086901.72	0.3290	P	1.2
9	☐			1469.58	0.0001	P	11.1

$$y = 3.2844\text{E-}004 * x + 1.2617\text{E-}005$$

$$R = 1.0000$$

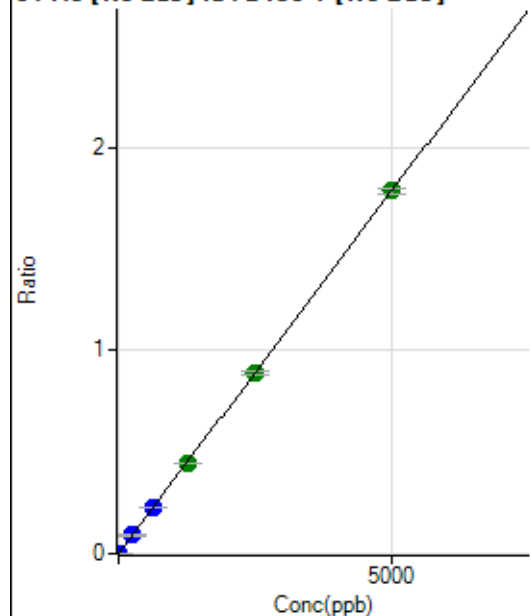
$$DL = 0.01397$$

$$BEC = 0.03841$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0000	P	26.0
2	☐	0.500					
3	☐	5.000	5.011	28148.06	0.0018	P	3.0
4	☐	250.000	252.067	1405978.55	0.0900	P	0.1
5	☐	625.000	627.495	3488976.64	0.2239	P	0.7
6	☐	1250.000	1246.026	6937845.55	0.4446	A	0.8
7	☐	2500.000	2492.862	13961169.58	0.8894	A	1.7
8	☐	5000.000	5004.147	27605725.96	1.7854	A	1.9
9	☐			25100.68	0.0016	P	1.3

$$y = 3.5678\text{E-}004 * x + 1.9386\text{E-}005$$

$$R = 1.0000$$

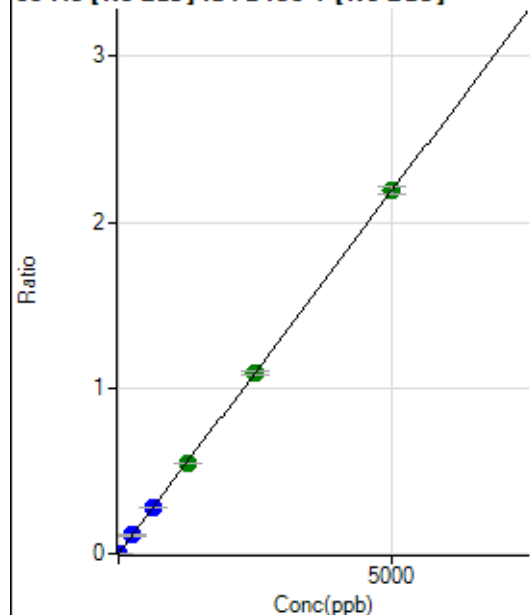
$$DL = 0.04241$$

$$BEC = 0.05434$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.4
2	☐	0.500					
3	☐	5.000	5.202	35469.86	0.0023	P	0.8
4	☐	250.000	252.760	1728192.38	0.1106	P	0.7
5	☐	625.000	625.156	4261363.59	0.2735	P	0.3
6	☐	1250.000	1242.693	8483014.08	0.5436	A	0.7
7	☐	2500.000	2492.568	17114756.80	1.0903	A	1.6
8	☐	5000.000	5005.385	33852949.71	2.1895	A	2.1
9	☐			37483.61	0.0025	P	0.1

$$y = 4.3743\text{E-}004 * x + 1.8239\text{E-}006$$

$$R = 1.0000$$

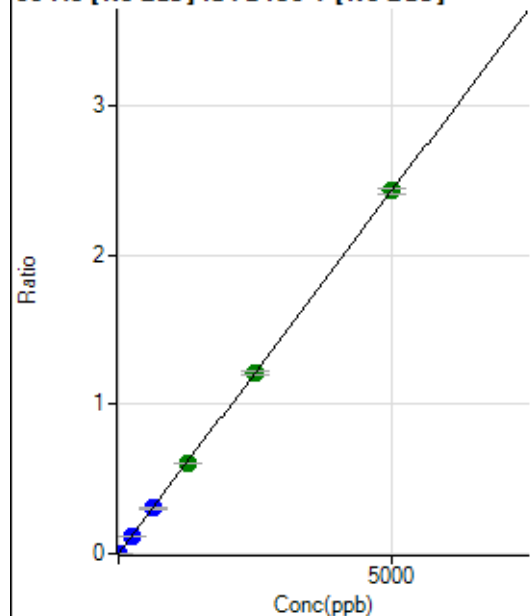
$$DL = 0.007805$$

$$BEC = 0.004169$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.35	0.0000	P	9.8
2	☐	0.500					
3	☐	5.000	5.119	38920.77	0.0025	P	0.7
4	☐	250.000	251.386	1907758.51	0.1221	P	0.1
5	☐	625.000	623.832	4719583.92	0.3029	P	0.3
6	☐	1250.000	1243.241	9419101.60	0.6036	A	0.3
7	☐	2500.000	2494.288	19008617.96	1.2109	A	1.4
8	☐	5000.000	5004.622	37567633.48	2.4296	A	1.6
9	☐			55325.39	0.0036	P	0.9

$$y = 4.8548\text{E-}004 * x + 1.3700\text{E-}005$$

$$R = 1.0000$$

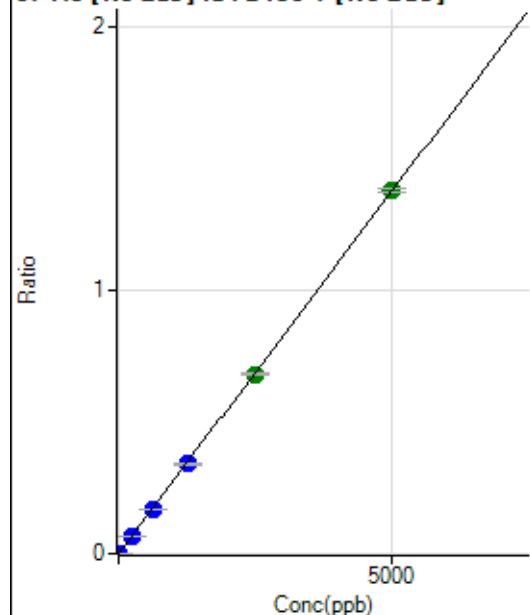
$$DL = 0.008284$$

$$BEC = 0.02822$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	5.190	22220.96	0.0014	P	2.2
4	☐	250.000	248.741	1066878.49	0.0683	P	0.3
5	☐	625.000	616.996	2638307.09	0.1693	P	0.5
6	☐	1250.000	1238.707	5304404.46	0.3399	P	0.8
7	☐	2500.000	2481.919	10690108.83	0.6810	A	1.8
8	☐	5000.000	5012.927	21270696.66	1.3756	A	0.9
9	☐			22860.76	0.0015	P	2.6

$$y = 2.7440\text{E-}004 * x + 2.5603\text{E-}006$$

$$R = 1.0000$$

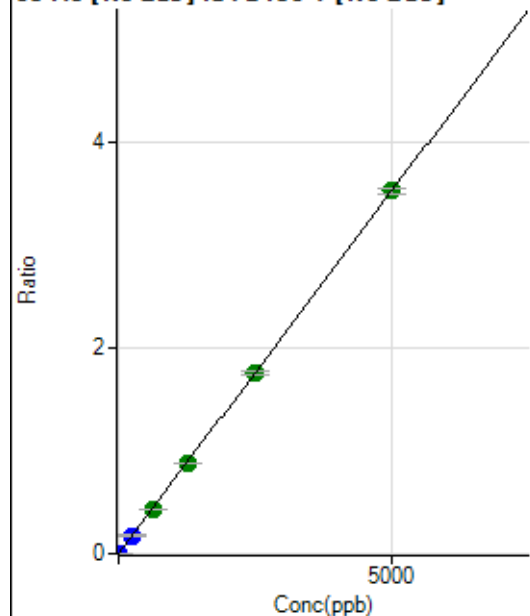
$$DL = 0.00365$$

$$BEC = 0.00933$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	13.6
2	☐	0.500					
3	☐	5.000	5.215	57424.83	0.0037	P	1.3
4	☐	250.000	252.042	2780666.02	0.1779	P	0.3
5	☐	625.000	621.709	6838127.84	0.4388	A	0.4
6	☐	1250.000	1245.236	13715844.06	0.8789	A	0.9
7	☐	2500.000	2489.747	27583437.42	1.7573	A	1.9
8	☐	5000.000	5006.627	54642049.14	3.5338	A	1.3
9	☐			59555.99	0.0039	P	1.2

$$y = 7.0583\text{E-}004 * x + 6.3998\text{E-}006$$

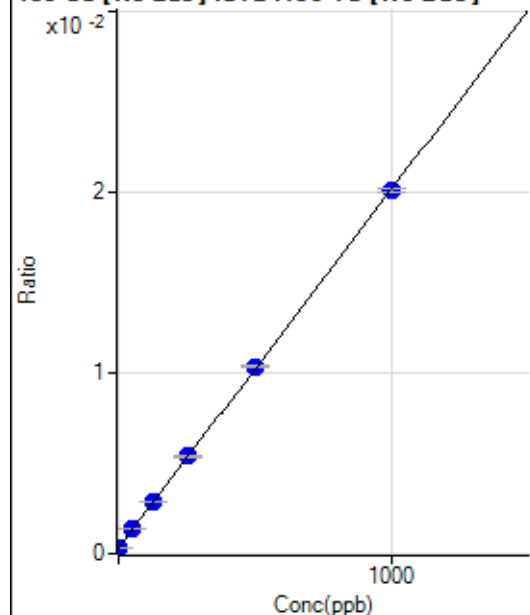
$$R = 1.0000$$

$$DL = 0.003709$$

$$BEC = 0.009067$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6601.84	0.0003	P	4.2
2	☐	0.100					
3	☐	1.000	0.176	6793.57	0.0003	P	4.9
4	☐	50.000	52.963	28387.64	0.0014	P	2.4
5	☐	125.000	127.947	58825.87	0.0029	P	0.7
6	☐	250.000	254.416	110814.74	0.0054	P	0.2
7	☐	500.000	506.132	213478.52	0.0104	P	1.3
8	☐	1000.000	995.314	408829.01	0.0201	P	1.0
9	☐			5920.92	0.0003	P	4.8

$$y = 1.9841\text{E-}005 * x + 3.3182\text{E-}004$$

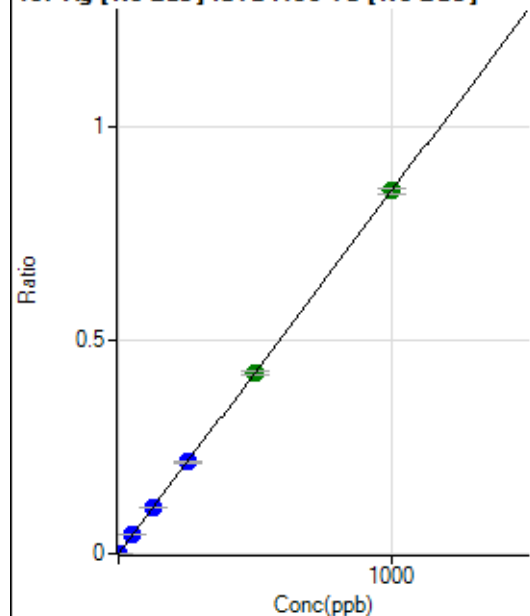
$$R = 1.0000$$

$$DL = 2.089$$

$$BEC = 16.72$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	17.7
2	☐	0.100					
3	☐	1.000	1.023	17722.97	0.0009	P	1.7
4	☐	50.000	52.123	908406.39	0.0442	P	0.8
5	☐	125.000	127.818	2223299.96	0.1085	P	0.4
6	☐	250.000	252.143	4407951.31	0.2140	P	0.7
7	☐	500.000	498.018	8698094.81	0.4227	A	1.2
8	☐	1000.000	999.997	17279310.80	0.8487	A	1.4
9	☐			4067.41	0.0002	P	2.8

$$y = 8.4871\text{E-}004 * x + 6.9771\text{E-}006$$

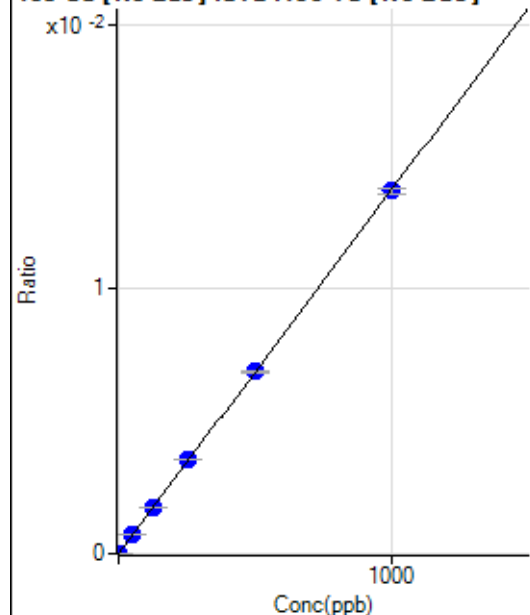
$$R = 1.0000$$

$$DL = 0.004377$$

$$BEC = 0.008221$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	84.6
2	☐	0.100					
3	☐	1.000	0.876	266.67	0.0000	P	18.9
4	☐	50.000	51.290	14503.53	0.0007	P	1.2
5	☐	125.000	129.001	36376.12	0.0018	P	0.7
6	☐	250.000	257.459	72945.08	0.0035	P	0.5
7	☐	500.000	499.974	141489.53	0.0069	P	1.9
8	☐	1000.000	997.584	279305.59	0.0137	P	1.8
9	☐			112.50	0.0000	P	10.9

$$y = 1.3751\text{E-}005 * x + 1.1118\text{E-}006$$

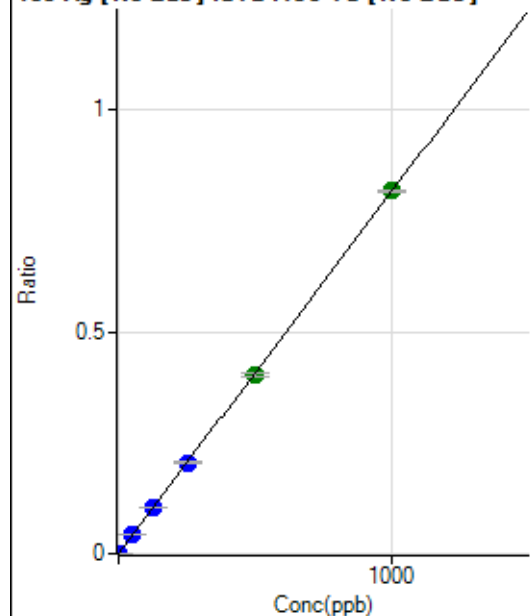
$$R = 1.0000$$

$$DL = 0.2052$$

$$BEC = 0.08086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	59.3
2	☐	0.100					
3	☐	1.000	0.994	16501.88	0.0008	P	3.6
4	☐	50.000	51.658	865443.28	0.0422	P	0.3
5	☐	125.000	126.648	2117753.15	0.1033	P	0.3
6	☐	250.000	251.417	4225216.89	0.2051	P	0.9
7	☐	500.000	494.331	8299726.31	0.4033	A	1.5
8	☐	1000.000	1002.191	16648495.34	0.8177	A	0.7
9	☐			3575.60	0.0002	P	2.1

$$y = 8.1590\text{E-}004 * x + 3.9164\text{E-}006$$

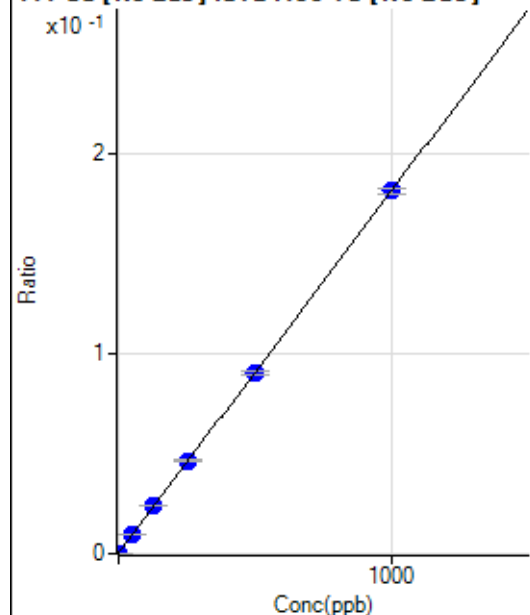
$$R = 1.0000$$

$$DL = 0.008545$$

$$BEC = 0.0048$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4646.00	0.0002	P	4.6
2	☐	0.100					
3	☐	1.000	1.012	8443.05	0.0004	P	3.2
4	☐	50.000	52.541	200191.23	0.0098	P	0.3
5	☐	125.000	129.569	485750.41	0.0237	P	0.4
6	☐	250.000	255.169	956786.14	0.0465	P	0.9
7	☐	500.000	496.253	1854603.57	0.0901	P	1.7
8	☐	1000.000	999.883	3691944.47	0.1813	P	1.6
9	☐			4952.05	0.0003	P	4.7

$$y = 1.8113\text{E-}004 * x + 2.3353\text{E-}004$$

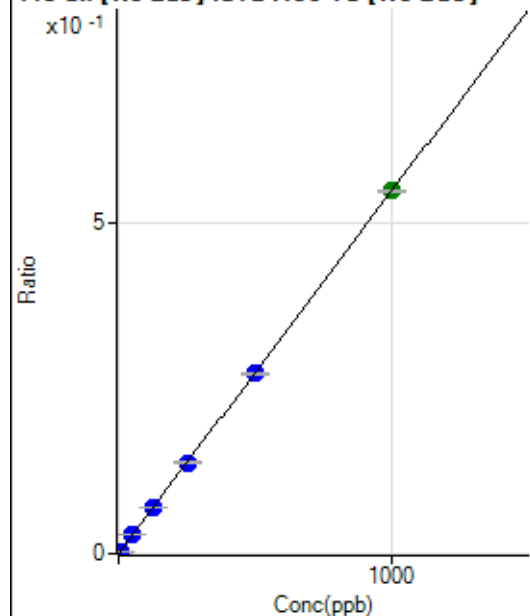
$$R = 1.0000$$

$$DL = 0.1775$$

$$BEC = 1.289$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1088.98	0.0001	P	13.1
2	☐	0.500					
3	☐	5.000	5.416	61161.46	0.0030	P	2.1
4	☐	50.000	51.595	580992.16	0.0283	P	0.7
5	☐	125.000	126.055	1415243.59	0.0691	P	0.5
6	☐	250.000	251.258	2834001.91	0.1376	P	1.1
7	☐	500.000	497.013	5599711.89	0.2721	P	1.3
8	☐	1000.000	1000.965	11157381.58	0.5480	A	0.7
9	☐			8765.35	0.0004	P	50.0

$$y = 5.4740\text{E-}004 * x + 5.4733\text{E-}005$$

$$R = 1.0000$$

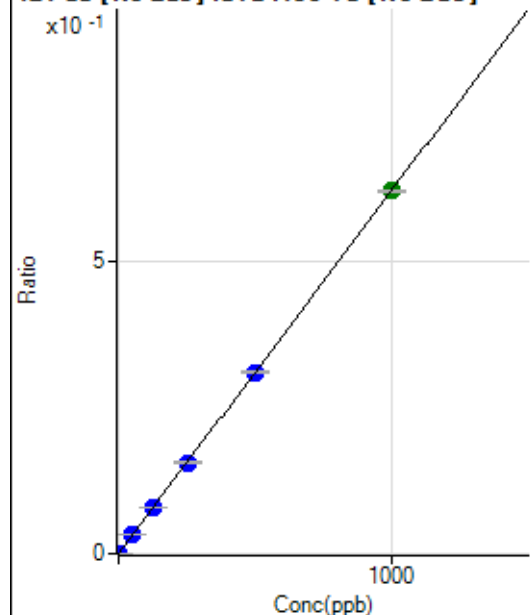
$$DL = 0.03933$$

$$BEC = 0.09999$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0000	P	38.2
2	☐	0.200					
3	☐	2.000	2.031	25568.48	0.0013	P	1.6
4	☐	50.000	50.693	645089.47	0.0314	P	0.5
5	☐	125.000	126.560	1607439.89	0.0784	P	0.5
6	☐	250.000	251.343	3208352.65	0.1558	P	1.0
7	☐	500.000	499.708	6372908.47	0.3097	P	1.0
8	☐	1000.000	999.580	12612569.90	0.6195	A	0.7
9	☐			12283.61	0.0006	P	4.7

$$y = 6.1972\text{E-}004 * x + 3.7688\text{E-}006$$

$$R = 1.0000$$

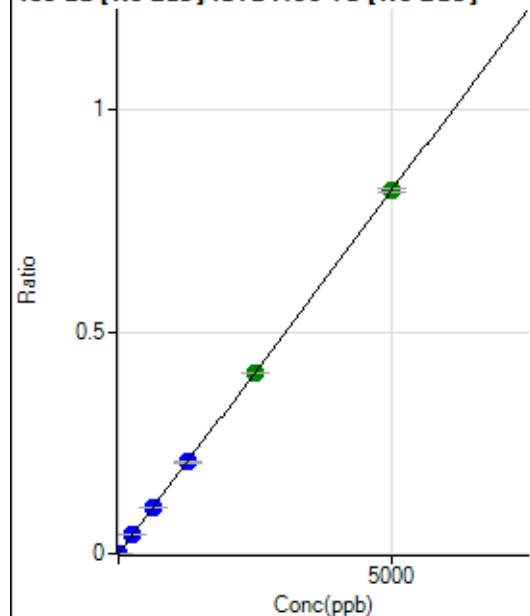
$$DL = 0.006975$$

$$BEC = 0.006081$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	14.3
2	☐	1.000					
3	☐	10.000	10.726	35638.46	0.0018	P	1.4
4	☐	250.000	257.195	863172.87	0.0420	P	0.7
5	☐	625.000	637.506	2135387.57	0.1042	P	0.5
6	☐	1250.000	1265.725	4260816.54	0.2069	P	1.5
7	☐	2500.000	2490.905	8377961.56	0.4071	A	0.7
8	☐	5000.000	4998.692	16633328.15	0.8170	A	0.9
9	☐			3722.86	0.0002	P	4.0

$$y = 1.6343\text{E-}004 * x + 6.1461\text{E-}006$$

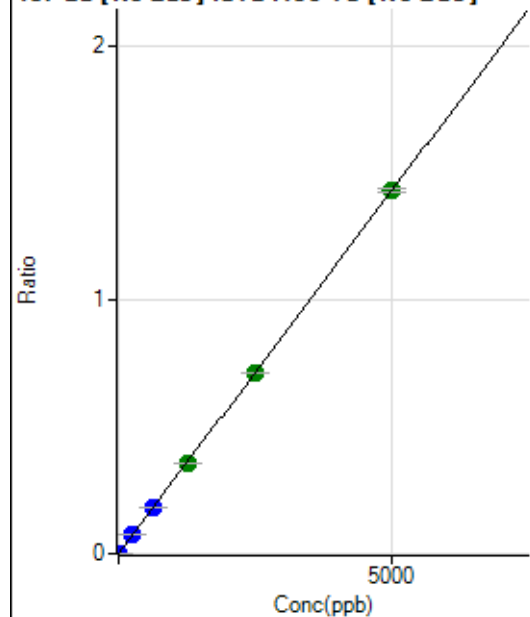
$$R = 1.0000$$

$$DL = 0.01614$$

$$BEC = 0.03761$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	15.0
2	☐	1.000					
3	☐	10.000	10.518	60987.99	0.0030	P	1.5
4	☐	250.000	256.347	1502811.59	0.0732	P	0.2
5	☐	625.000	636.270	3722926.95	0.1817	P	0.4
6	☐	1250.000	1248.881	7344186.88	0.3566	A	1.0
7	☐	2500.000	2493.974	14653293.03	0.7120	A	0.7
8	☐	5000.000	5001.566	29072830.51	1.4279	A	1.0
9	☐			6949.27	0.0004	P	7.0

$$y = 2.8550E-004 * x + 7.8093E-006$$

$$R = 1.0000$$

$$DL = 0.01227$$

$$BEC = 0.02735$$

Weight: <None>

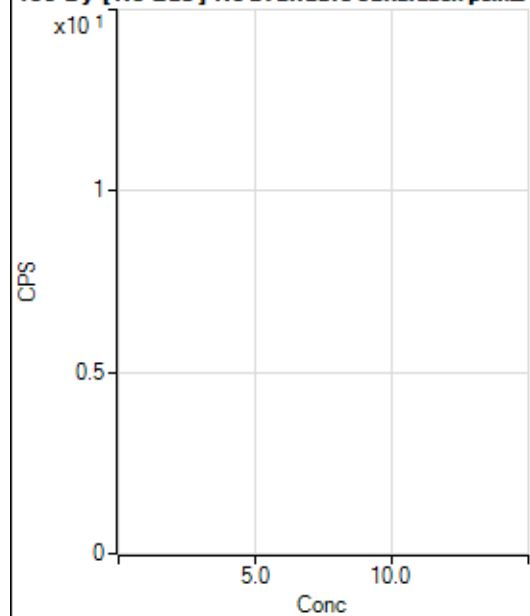
Min Conc: 0

150 Nd [No Gas] No available calibration points

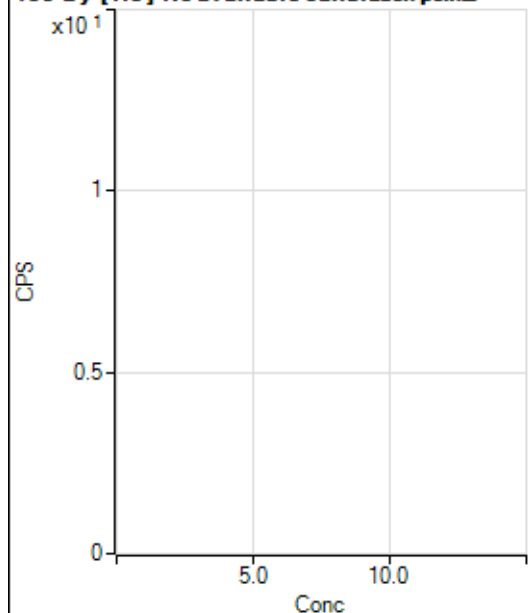
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			15.56		P	65.5
2	☐						
3	☐			6.67		P	0.0
4	☐			104.45		P	31.5
5	☐			144.45		P	41.9
6	☐			328.90		P	11.2
7	☐			893.39		P	28.4
8	☐			1144.54		P	8.8
9	☐			164.45		P	13.0

150 Nd [He] No available calibration points

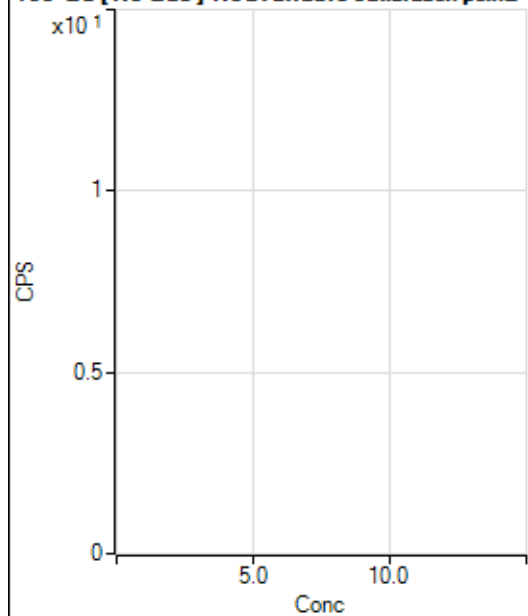
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐						
3	☐			4.45		P	86.6
4	☐			16.67		P	60.0
5	☐			27.78		P	34.6
6	☐			32.22		P	15.8
7	☐			53.34		P	21.6
8	☐			102.23		P	5.0
9	☐			66.67		P	26.5

156 Dy [No Gas] No available calibration points

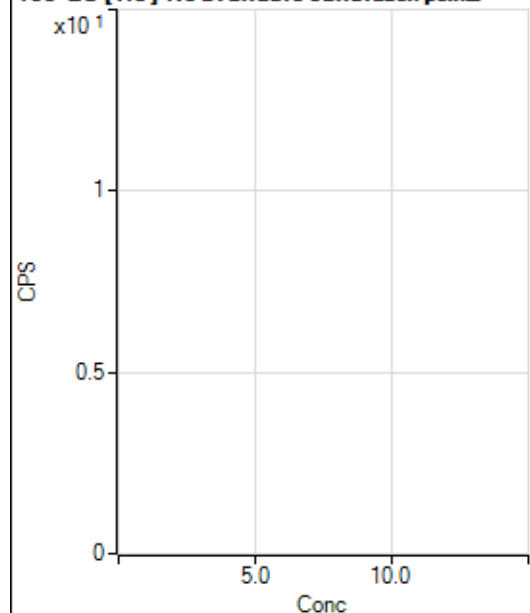
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	35.7
2	☐						
3	☐			61.11		P	20.8
4	☐			80.56		P	15.8
5	☐			100.00		P	25.0
6	☐			111.11		P	24.1
7	☐			1022.34		P	94.0
8	☐			347.24		P	3.7
9	☐			144.45		P	8.8

156 Dy [He] No available calibration points

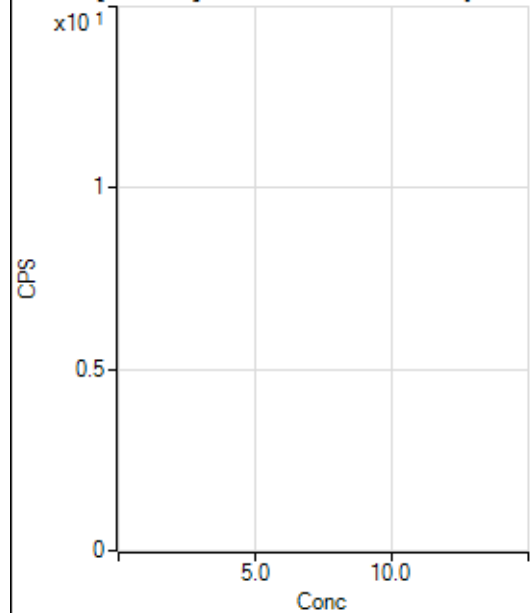
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	37.6
2	☐						
3	☐			25.55		P	15.1
4	☐			48.89		P	30.7
5	☐			56.66		P	10.2
6	☐			97.78		P	15.4
7	☐			147.78		P	3.4
8	☐			318.90		P	9.4
9	☐			56.67		P	21.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	22.0
2	☐						
3	☐			136.12		P	3.5
4	☐			125.01		P	17.6
5	☐			175.01		P	25.2
6	☐			102.78		P	32.8
7	☐			166.67		P	15.0
8	☐			155.56		P	11.2
9	☐			188.90		P	16.7

160 Gd [He] No available calibration points

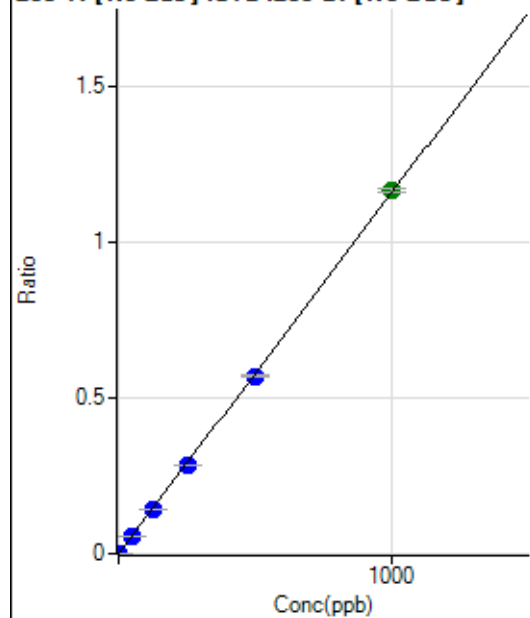
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			287.79		P	10.4
2	☐						
3	☐			321.12		P	9.6
4	☐			308.90		P	5.1
5	☐			342.23		P	6.0
6	☐			337.79		P	10.6
7	☐			330.01		P	11.5
8	☐			328.90		P	2.9
9	☐			322.23		P	12.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.34		P	23.1
2	☐						
3	☐			113.89		P	11.2
4	☐			122.23		P	40.0
5	☐			116.67		P	7.1
6	☐			94.45		P	50.2
7	☐			133.34		P	21.7
8	☐			175.01		P	24.7
9	☐			177.78		P	15.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	23.3
2	☐						
3	☐			70.00		P	12.6
4	☐			62.22		P	20.3
5	☐			65.56		P	7.8
6	☐			77.78		P	8.9
7	☐			86.67		P	13.3
8	☐			87.78		P	5.8
9	☐			88.89		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	575.04	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.967	15081.47	0.0012	P	2.0
4	☐	50.000	48.972	728846.74	0.0568	P	1.4
5	☐	125.000	121.449	1786762.30	0.1409	P	0.7
6	☐	250.000	245.842	3561563.32	0.2852	P	1.5
7	☐	500.000	491.300	6977716.91	0.5699	P	1.1
8	☐	1000.000	1005.885	13812648.40	1.1667	A	1.1
9	☐			4500.98	0.0004	P	5.4

$$y = 0.0012 * x + 4.4349E-005$$

$$R = 0.9999$$

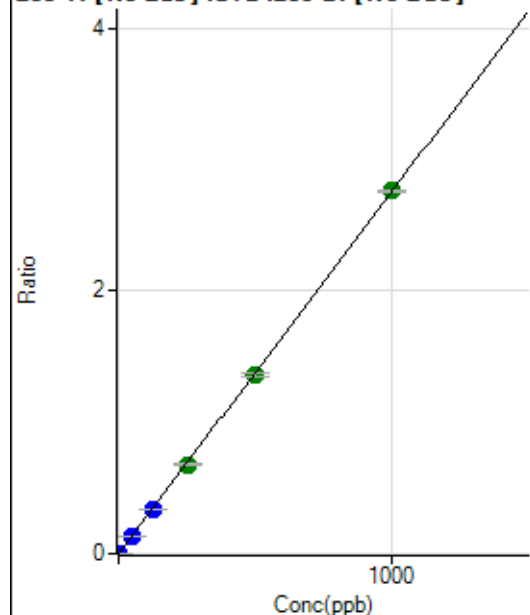
$$DL = 0.01612$$

$$BEC = 0.03824$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1094.55	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.972	35690.60	0.0028	P	3.1
4	☐	50.000	49.596	1751958.16	0.1366	P	0.9
5	☐	125.000	122.660	4283257.30	0.3378	P	1.0
6	☐	250.000	246.353	8471808.26	0.6783	A	1.4
7	☐	500.000	495.646	16707493.26	1.3647	A	2.1
8	☐	1000.000	1003.402	32707780.59	2.7626	A	0.5
9	☐			10824.27	0.0011	P	4.8

$$y = 0.0028 * x + 8.4509E-005$$

$$R = 1.0000$$

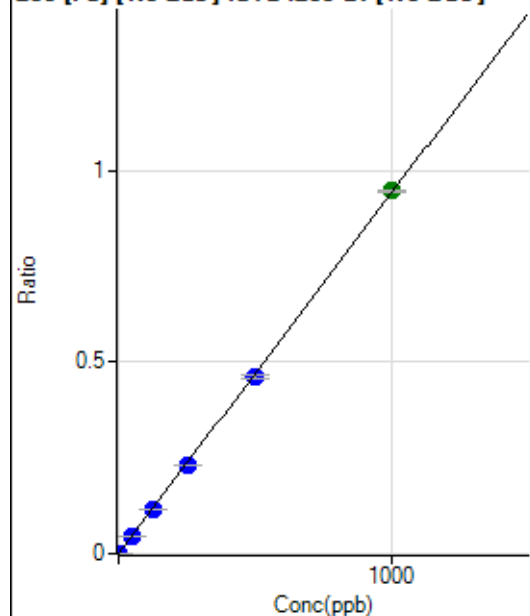
$$DL = 0.003842$$

$$BEC = 0.0307$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1500.13	0.0001	P	2.9
2	☐	0.100					
3	☐	1.000	0.970	13288.43	0.0010	P	1.2
4	☐	50.000	49.194	594203.84	0.0463	P	1.4
5	☐	125.000	121.624	1450679.16	0.1144	P	0.9
6	☐	250.000	245.879	2886995.58	0.2312	P	1.2
7	☐	500.000	489.963	5638495.55	0.4605	P	1.5
8	☐	1000.000	1006.511	11199062.17	0.9459	A	0.4
9	☐			28308.41	0.0027	P	2.6

$$y = 9.3967E-004 * x + 1.1581E-004$$

$$R = 0.9999$$

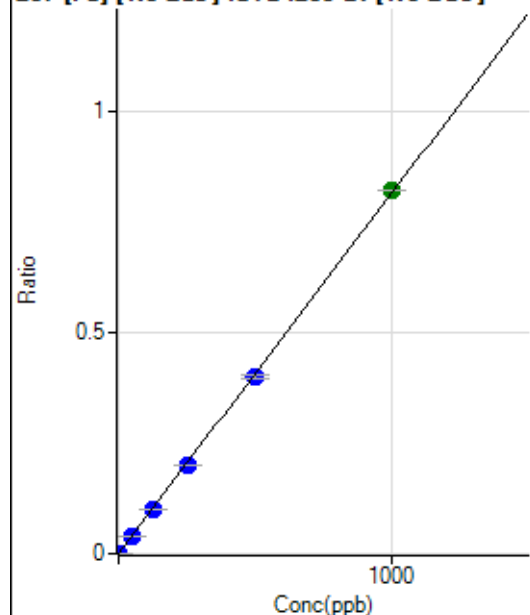
$$DL = 0.01078$$

$$BEC = 0.1232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1342.70	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.997	11825.94	0.0009	P	3.9
4	☐	50.000	49.120	513772.90	0.0401	P	1.6
5	☐	125.000	121.723	1257180.65	0.0991	P	0.4
6	☐	250.000	244.700	2487902.63	0.1992	P	0.9
7	☐	500.000	489.704	4879582.81	0.3985	P	1.7
8	☐	1000.000	1006.927	9701103.80	0.8194	A	0.1
9	☐			25077.94	0.0024	P	0.2

$$y = 8.1363\text{E-}004 * x + 1.0364\text{E-}004$$

$$R = 0.9999$$

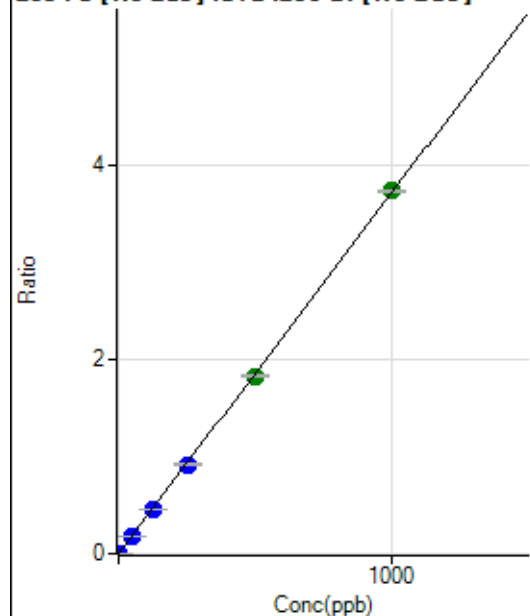
$$DL = 0.01136$$

$$BEC = 0.1274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5595.05	0.0004	P	2.0
2	☐	0.100					
3	☐	1.000	0.983	52799.33	0.0041	P	2.1
4	☐	50.000	49.408	2358309.36	0.1839	P	1.0
5	☐	125.000	122.170	5758777.21	0.4541	P	0.4
6	☐	250.000	246.198	11424485.73	0.9147	P	1.3
7	☐	500.000	491.631	22359728.39	1.8262	A	1.6
8	☐	1000.000	1005.519	44216554.69	3.7347	A	0.5
9	☐			112879.16	0.0110	P	1.1

$$y = 0.0037 * x + 4.3189\text{E-}004$$

$$R = 0.9999$$

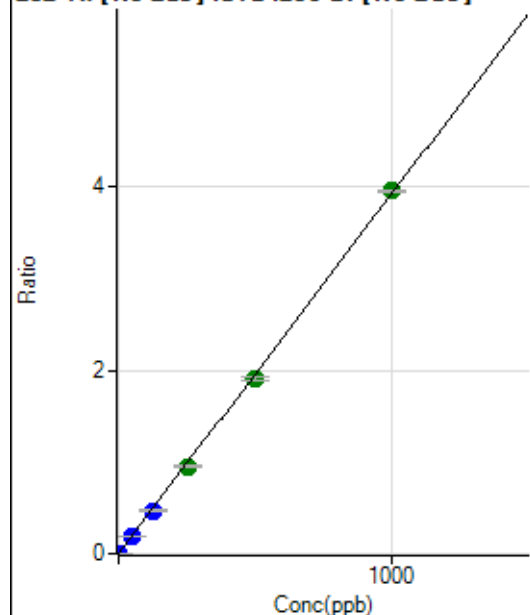
$$DL = 0.006851$$

$$BEC = 0.1163$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1822.40	0.0001	P	0.9
2	☐	0.100					
3	☐	1.000	0.883	46581.84	0.0036	P	1.3
4	☐	50.000	47.733	2401668.27	0.1873	P	1.1
5	☐	125.000	119.888	5962732.72	0.4702	P	0.7
6	☐	250.000	242.580	11881194.25	0.9513	A	1.1
7	☐	500.000	487.712	23415409.55	1.9125	A	1.6
8	☐	1000.000	1008.751	46831499.66	3.9555	A	0.4
9	☐			10660.23	0.0010	P	1.6

$$y = 0.0039 * x + 1.4067E-004$$

$$R = 0.9999$$

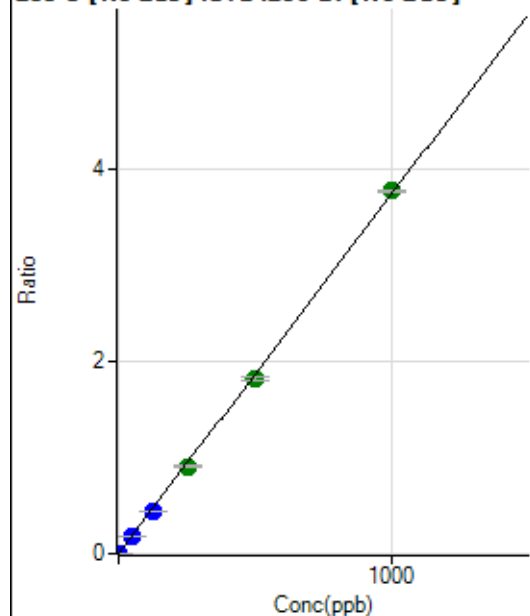
$$DL = 0.001018$$

$$BEC = 0.03588$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2178.05	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	0.944	47826.14	0.0037	P	1.3
4	☐	50.000	48.238	2315555.22	0.1806	P	2.0
5	☐	125.000	120.050	5696243.40	0.4492	P	0.4
6	☐	250.000	242.025	11308225.25	0.9055	A	1.3
7	☐	500.000	487.489	22326294.59	1.8236	A	2.0
8	☐	1000.000	1008.956	44684146.14	3.7741	A	0.4
9	☐			7127.23	0.0007	P	3.4

$$y = 0.0037 * x + 1.6813E-004$$

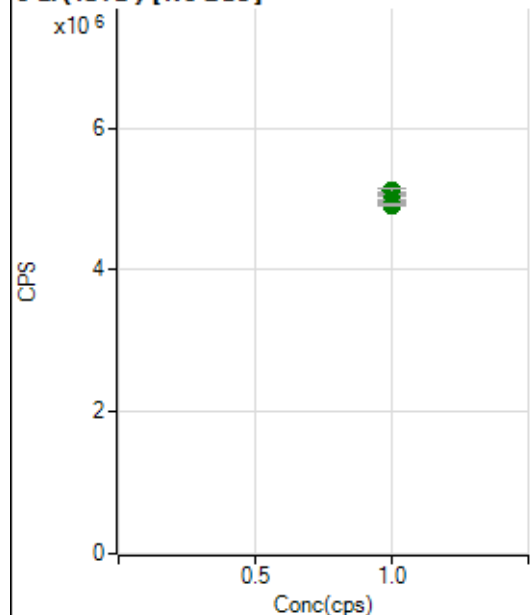
$$R = 0.9998$$

$$DL = 0.009363$$

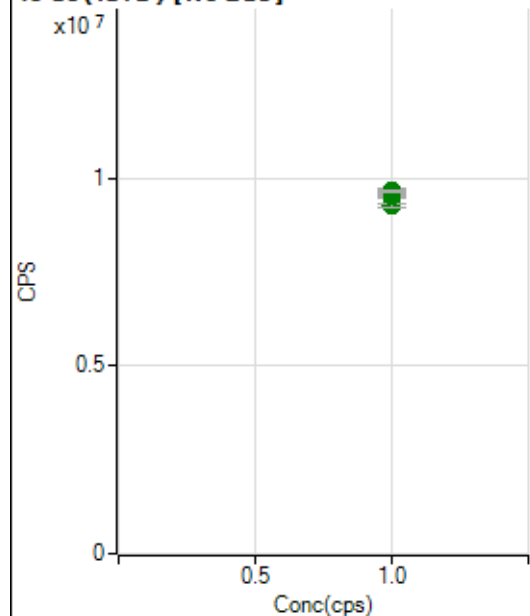
$$BEC = 0.04495$$

Weight: <None>

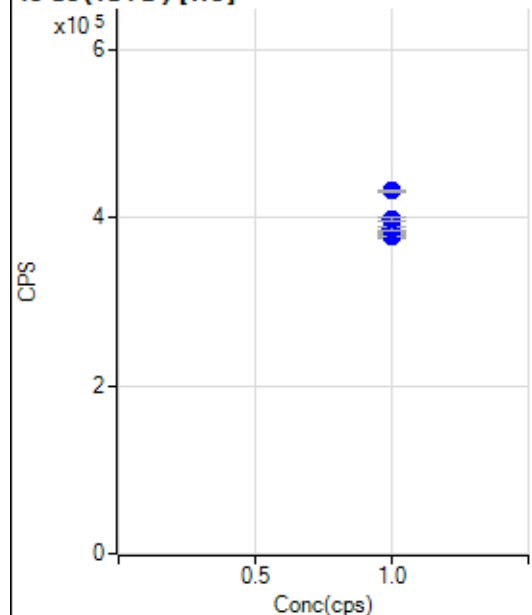
Min Conc: 0

6 Li (ISTD) [No Gas]

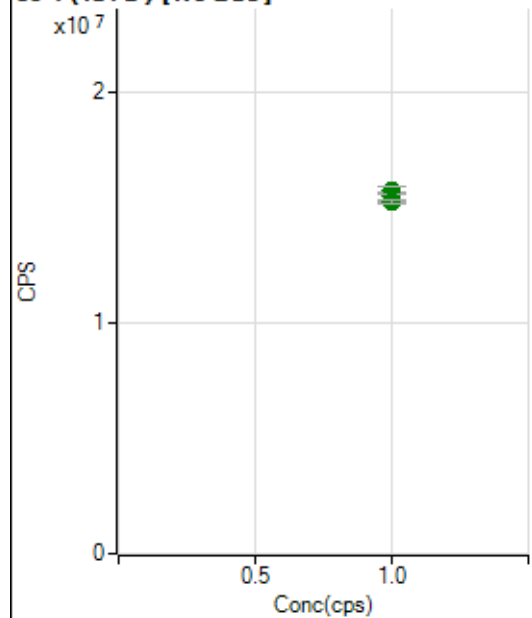
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4929485.94		A	0.6
2	☐	1.000					
3	☐	1.000		5064036.32		A	0.7
4	☐	1.000		5099620.65		A	0.4
5	☐	1.000		5083285.52		A	0.4
6	☐	1.000		5091535.65		A	0.4
7	☐	1.000		5115785.17		A	1.3
8	☐	1.000		4978072.11		A	0.8
9	☐	1.000		4917754.37		A	0.2

45 Sc (ISTD) [No Gas]

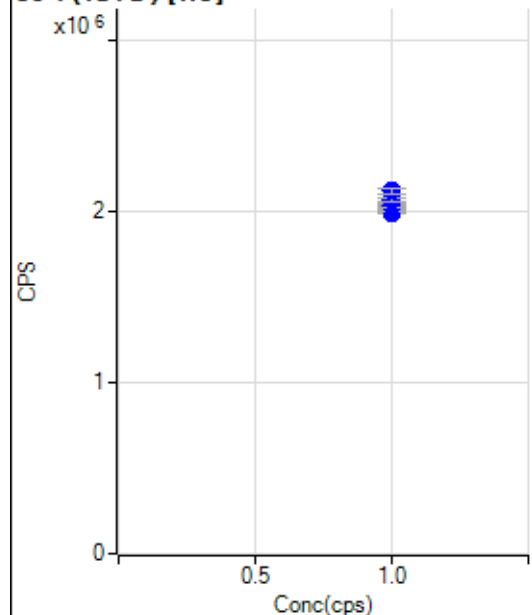
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9270889.44		A	0.8
2	☐	1.000					
3	☐	1.000		9523270.96		A	0.0
4	☐	1.000		9534408.64		A	0.8
5	☐	1.000		9521363.41		A	0.3
6	☐	1.000		9575809.07		A	1.3
7	☐	1.000		9673553.52		A	1.8
8	☐	1.000		9567412.97		A	0.8
9	☐	1.000		9659815.84		A	0.3

45 Sc (ISTD) [He]

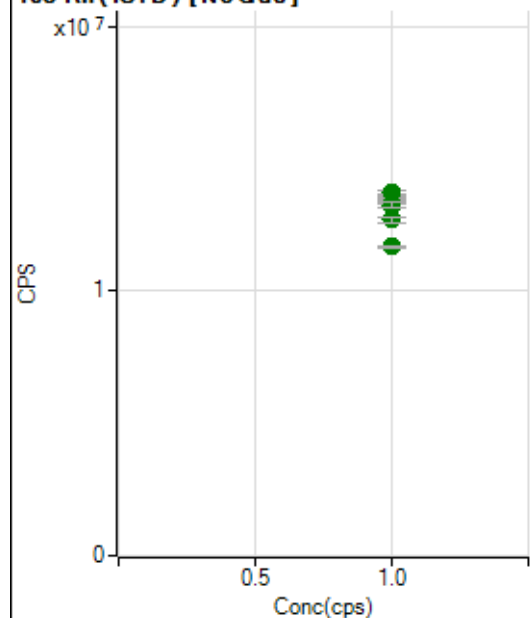
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		378268.19		P	0.7
2	☐	1.000					
3	☐	1.000		377189.16		P	1.5
4	☐	1.000		381354.31		P	1.1
5	☐	1.000		382157.75		P	0.2
6	☐	1.000		377904.77		P	0.4
7	☐	1.000		387011.41		P	1.0
8	☐	1.000		398448.98		P	0.9
9	☐	1.000		431827.90		P	0.6

89 Y (ISTD) [No Gas]

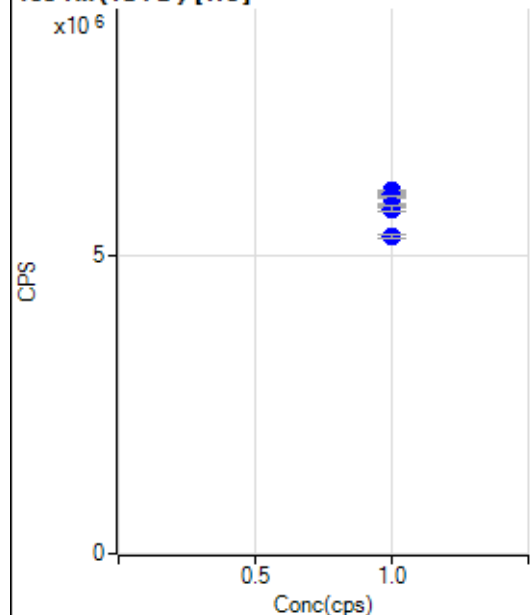
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15200656.44		A	0.8
2	☐	1.000					
3	☐	1.000		15574664.35		A	0.4
4	☐	1.000		15630161.29		A	0.2
5	☐	1.000		15582879.35		A	0.2
6	☐	1.000		15605534.07		A	0.6
7	☐	1.000		15700486.71		A	2.1
8	☐	1.000		15464616.30		A	1.5
9	☐	1.000		15253443.52		A	0.9

89 Y(ISTD) [He]

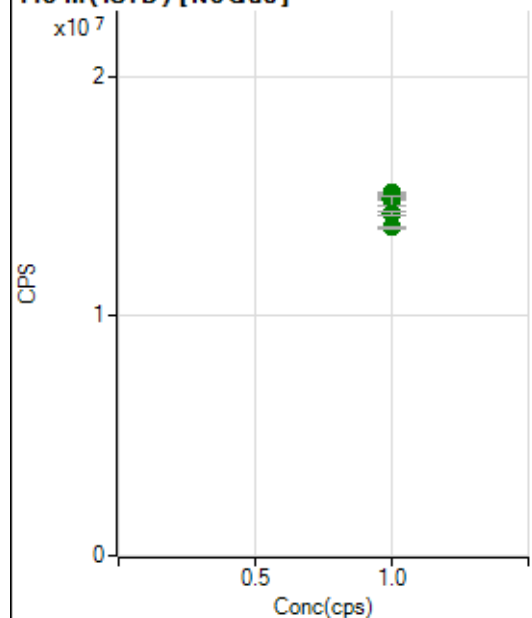
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1993276.53		P	0.4
2	☐	1.000					
3	☐	1.000		2011872.96		P	1.5
4	☐	1.000		2027533.13		P	0.9
5	☐	1.000		2042760.86		P	0.4
6	☐	1.000		2006744.22		P	0.6
7	☐	1.000		2030022.09		P	0.9
8	☐	1.000		2069908.49		P	0.9
9	☐	1.000		2119147.21		P	1.3

103 Rh(ISTD) [No Gas]

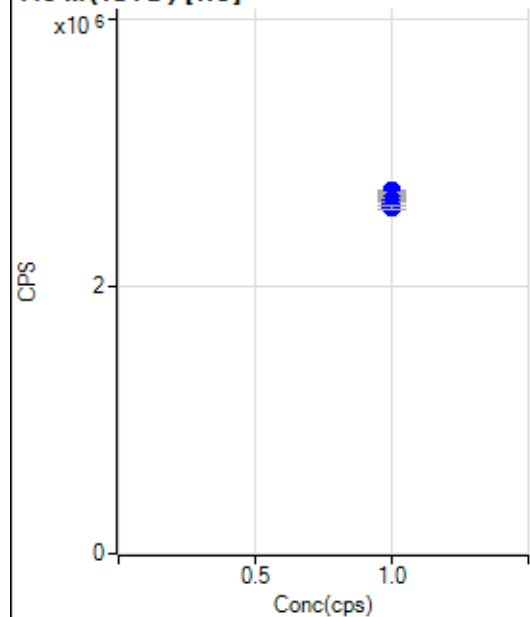
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13459096.48		A	1.0
2	☐	1.000					
3	☐	1.000		13713539.02		A	1.3
4	☐	1.000		13655068.19		A	0.3
5	☐	1.000		13488996.83		A	0.4
6	☐	1.000		13333535.37		A	0.8
7	☐	1.000		13259832.85		A	1.5
8	☐	1.000		12704487.87		A	1.5
9	☐	1.000		11678625.18		A	0.6

103 Rh (ISTD) [He]

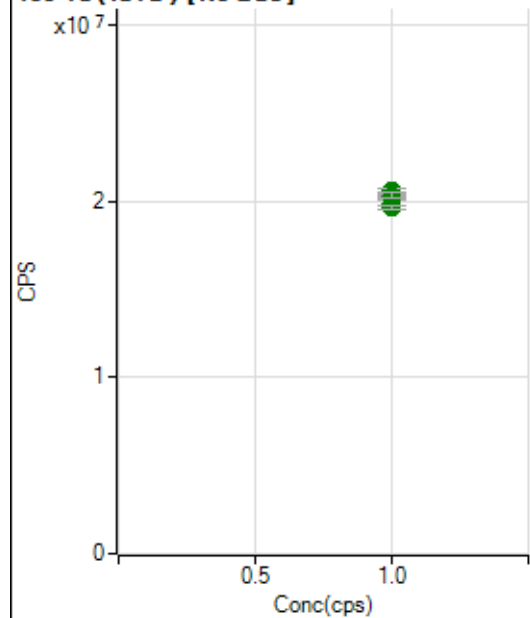
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6024907.27		P	0.2
2	☐	1.000					
3	☐	1.000		6024778.38		P	1.1
4	☐	1.000		6093269.35		P	0.6
5	☐	1.000		5992589.22		P	0.4
6	☐	1.000		5861538.18		P	0.5
7	☐	1.000		5839989.78		P	1.3
8	☐	1.000		5786564.64		P	1.6
9	☐	1.000		5334062.28		P	1.2

115 In (ISTD) [No Gas]

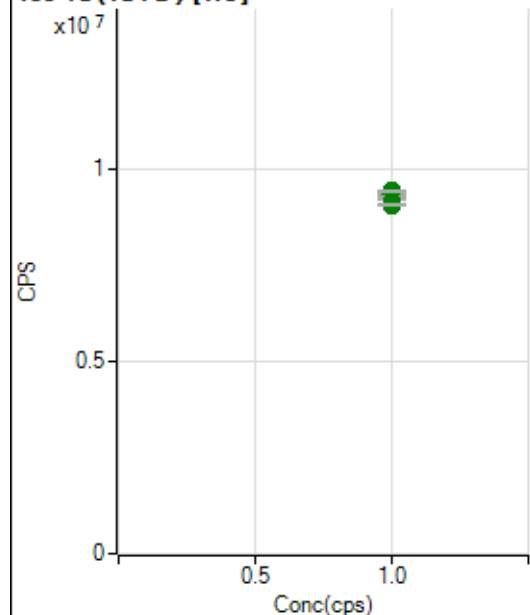
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15032398.03		A	1.1
2	☐	1.000					
3	☐	1.000		15095666.95		A	0.9
4	☐	1.000		15132063.13		A	0.6
5	☐	1.000		15046147.19		A	0.0
6	☐	1.000		14938202.46		A	0.8
7	☐	1.000		14810864.01		A	2.5
8	☐	1.000		14287449.08		A	1.5
9	☐	1.000		13677713.16		A	1.0

115 In (ISTD) [He]

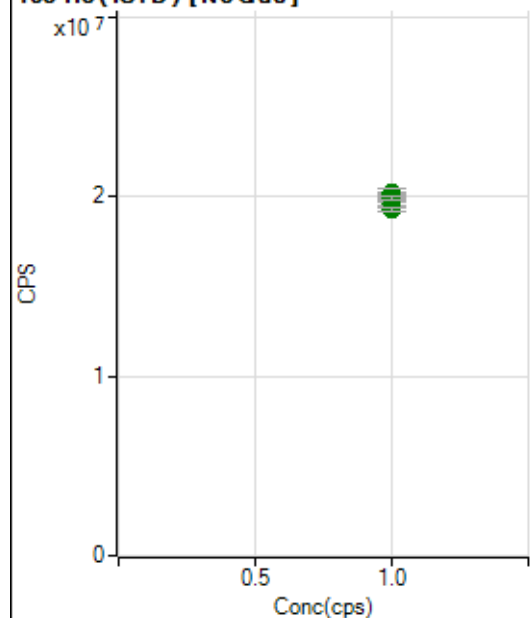
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2668525.47		P	0.7
2	☐	1.000					
3	☐	1.000		2687730.71		P	0.9
4	☐	1.000		2713845.73		P	0.5
5	☐	1.000		2694318.08		P	0.4
6	☐	1.000		2643522.51		P	0.2
7	☐	1.000		2648595.23		P	0.9
8	☐	1.000		2621507.57		P	0.9
9	☐	1.000		2589592.15		P	1.1

159 Tb (ISTD) [No Gas]

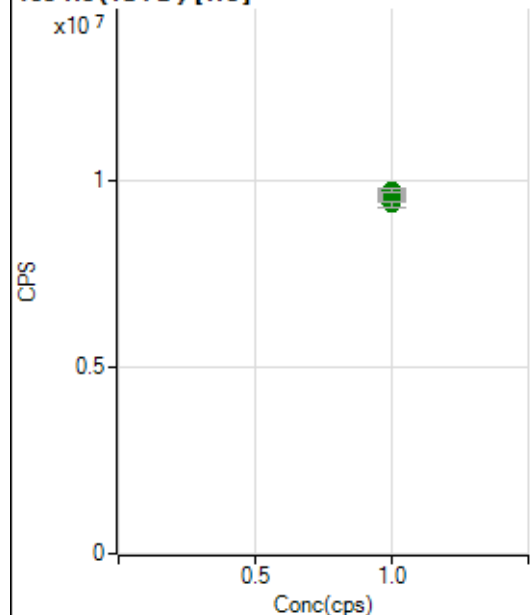
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19892559.29		A	1.5
2	☐	1.000					
3	☐	1.000		20258310.25		A	0.4
4	☐	1.000		20531764.41		A	0.3
5	☐	1.000		20493783.03		A	0.2
6	☐	1.000		20598390.53		A	1.0
7	☐	1.000		20580795.11		A	1.5
8	☐	1.000		20361372.06		A	1.1
9	☐	1.000		19647015.40		A	0.7

159 Tb (ISTD) [He]

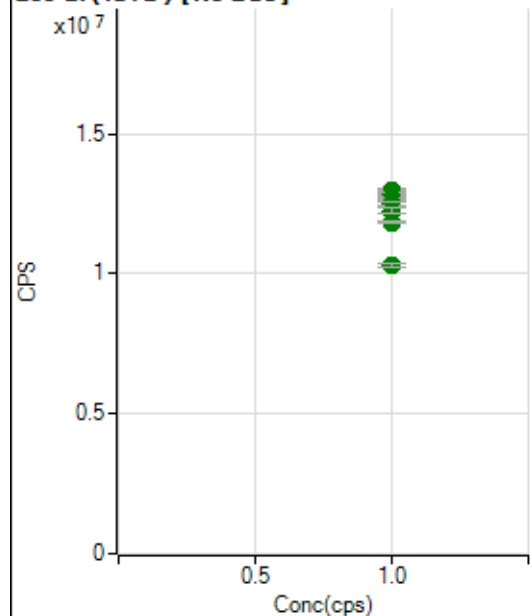
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9227650.14		A	0.2
2	☐	1.000					
3	☐	1.000		9288623.06		A	1.6
4	☐	1.000		9398643.82		A	0.3
5	☐	1.000		9391973.75		A	0.3
6	☐	1.000		9322560.28		A	0.1
7	☐	1.000		9356892.85		A	1.1
8	☐	1.000		9431144.10		A	0.3
9	☐	1.000		9072530.90		A	1.0

165 Ho (ISTD) [No Gas]

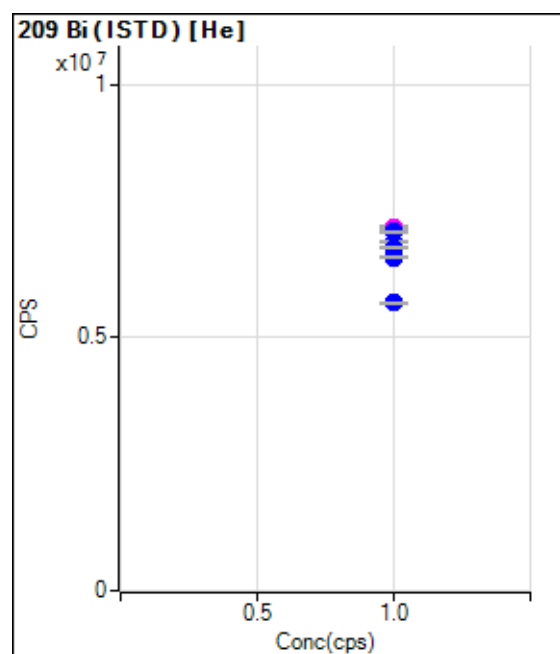
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19644435.33		A	1.1
2	☐	1.000					
3	☐	1.000		19918645.58		A	0.8
4	☐	1.000		20124837.43		A	0.7
5	☐	1.000		20221761.91		A	0.8
6	☐	1.000		20121629.62		A	1.4
7	☐	1.000		20230438.30		A	2.0
8	☐	1.000		19924202.87		A	1.4
9	☐	1.000		19285674.04		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9473226.59		A	0.6
2	☐	1.000					
3	☐	1.000		9550702.29		A	1.3
4	☐	1.000		9635822.49		A	0.3
5	☐	1.000		9704217.08		A	0.2
6	☐	1.000		9608309.37		A	0.2
7	☐	1.000		9638787.15		A	0.1
8	☐	1.000		9709260.83		A	1.1
9	☐	1.000		9341541.66		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12954675.64		A	1.0
2	☐	1.000					
3	☐	1.000		12931755.78		A	1.1
4	☐	1.000		12823251.61		A	1.0
5	☐	1.000		12680799.81		A	0.6
6	☐	1.000		12490188.70		A	1.1
7	☐	1.000		12246118.43		A	2.0
8	☐	1.000		11839676.77		A	0.6
9	☐	1.000		10298060.26		A	1.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7149354.13		P	0.5
2	☐	1.000					
3	☐	1.000		7167606.63		M	1.8
4	☐	1.000		7149177.81		M	0.4
5	☐	1.000		7086108.92		P	0.3
6	☐	1.000		6888995.73		P	0.5
7	☐	1.000		6765798.79		P	0.5
8	☐	1.000		6588970.67		P	1.0
9	☐	1.000		5689686.58		P	0.8

US EPA Tune Check Sample Report

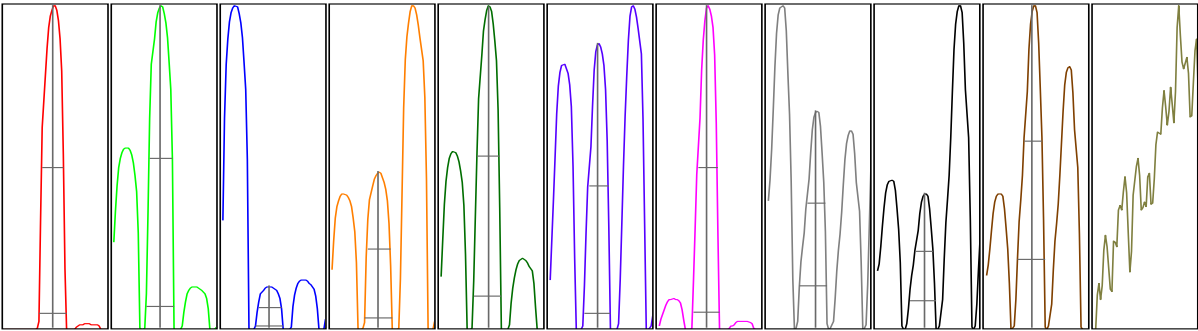
Batch Folder D:\ICP-MS Data\P7103019 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	14578	0.38	5.00	
24	141590	0.85	5.00	
25	18865	0.73	5.00	
26	22035	0.51	5.00	
59	110203	0.99	5.00	
113	15101	1.18	5.00	
115	179087	0.77	5.00	
206	46082	0.74	5.00	
207	45413	0.94	5.00	
208	99359	0.68	5.00	
220	77	4.95		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14522	14525	14577	14623	14643
24	139560	142210	141492	142550	142138
25	18666	18844	18892	18866	19055
26	21845	22065	22038	22132	22095
59	108978	109745	109634	111039	111620
113	14884	15009	15100	15148	15363
115	177511	178167	179219	179403	181134
206	45669	45993	45890	46395	46464
207	44828	45382	45332	45503	46018
208	98265	99201	99589	99786	99951
220	73	77	75	77	83

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	24326	8.95	8.9 - 9.1		0.782	0.900	
24	220918	23.90	23.9 - 24.1		0.810	0.900	
25	29339	24.90	24.9 - 25.1		0.790	0.900	
26	33964	25.90	25.9 - 26.1		0.788	0.900	
59	180425	58.95	58.9 - 59.1		0.802	0.900	
113	27075	112.95	112.9 - 113.1		0.777	0.900	
115	325543	114.95	114.9 - 115.1		0.775	0.900	
206	82032	205.95	205.9 - 206.1		0.777	0.900	
207	74655	206.95	206.9 - 207.1		0.749	0.900	
208	177648	207.90	207.9 - 208.1		0.769	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 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	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	7.3	V	Deflect	13.6	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	26240	0.79	
89	23173	0.76	
205	38015	0.96	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	26150	26358	26541	26036	26114
89	23026	23071	23469	23112	23185
205	37991	37989	38621	37805	37667

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 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	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	7.7	V	Deflect	1.6	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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 : LB106024 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 11:15:07 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.08	0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.05	-0.06	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	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	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.29	0.19	-0.48	0.00	N/A	ppb
Boron	11-1	0.16	0.09	-0.25	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.06	0.06	0.00	N/A	ppb
Cadmium	106-1	0.00	-0.69	0.70	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.07	-0.01	0.00	N/A	ppb
Calcium	43-1	0.23	-0.20	-0.03	0.00	N/A	ppb
Calcium	44-1	0.12	-0.68	0.56	0.00	N/A	ppb
Chromium	52-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	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	0.04	-0.01	-0.03	0.00	N/A	ppb
Iron	57-2	-0.51	-0.03	0.54	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.01	0.04	0.00	N/A	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:15:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-24.86	-25.88	-23.88	-24.87		ppb
Potassium	39-2	-1.67	2.90	-1.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.20	-0.10	-0.10	0.00	N/A	ppb
Selenium	78-2	0.11	-0.10	-0.01	0.00	N/A	ppb
Selenium	82-1	-0.12	0.12	0.00	0.00	N/A	ppb
Silicon	28-1	-0.04	0.03	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.31	0.41	-0.10	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	130.65	140.77	47.32	106.25	48.27	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:15:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.02	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	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 :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	20.04	18.83	19.63	3.53	ppb
Antimony	121-1	1.99	2.05	2.05	2.03	1.64	ppb
Arsenic	75-1	3.01	2.77	2.81	2.87	4.47	ppb
Barium	135-1	10.68	10.60	10.90	10.73	1.44	ppb
Barium	137-1	10.34	10.64	10.58	10.52	1.50	ppb
Beryllium	9-1	1.06	1.07	1.07	1.07	0.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	26.53	25.28	26.29	26.03	2.55	ppb
Boron	11-1	25.04	25.28	25.27	25.19	0.55	ppb
Cadmium	111-1	1.09	0.99	0.95	1.01	7.22	ppb
Cadmium	106-1	1.10	-0.47	-0.10	0.18	468.86	ppb
Cadmium	108-1	0.84	0.71	1.07	0.88	20.65	ppb
Calcium	43-1	513.24	527.43	505.12	515.27	2.19	ppb
Calcium	44-1	527.27	522.34	515.66	521.76	1.12	ppb
Chromium	52-2	2.14	2.22	2.15	2.17	2.03	ppb
Cobalt	59-2	1.09	1.09	1.11	1.10	0.99	ppb
Copper	63-2	2.11	2.15	2.04	2.10	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	60.00	60.29	58.12	59.47	1.98	ppb
Iron	57-2	62.97	62.62	60.77	62.12	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.98	0.95	0.97	1.40	ppb
Lead	207-1	0.98	1.05	0.96	1.00	4.42	ppb
Lead	208-1	0.98	1.01	0.96	0.98	2.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	552.87	567.90	548.95	556.57	1.80	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.04	1.05	1.01	4.97	ppb
Molybdenum	94-1	5.17	4.87	4.99	5.01	2.98	ppb
Molybdenum	95-1	5.16	5.22	5.23	5.20	0.76	ppb
Molybdenum	96-1	5.16	5.12	5.08	5.12	0.74	ppb
Molybdenum	97-1	5.06	5.25	5.26	5.19	2.25	ppb
Molybdenum	98-1	5.29	5.20	5.16	5.21	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.17	1.16	1.16	1.47	ppb
Phosphorus	31-2	28.99	13.74	31.88	24.87	39.21	ppb
Potassium	39-2	509.70	508.55	508.17	508.81	0.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	4.36	6.90	5.53	5.60	22.74	ppb
Selenium	78-2	4.90	5.97	4.93	5.26	11.60	ppb
Selenium	82-1	5.60	6.00	5.66	5.75	3.71	ppb
Silicon	28-1	9.91	9.70	9.79	9.80	1.06	ppb
Silver	109-1	0.97	1.03	0.98	0.99	3.60	ppb
Silver	107-1	1.03	1.04	1.00	1.02	1.68	ppb
Sodium	23-2	515.64	526.62	511.81	518.02	1.48	ppb
Strontium	86-1	1.10	0.89	0.98	0.99	10.44	ppb
Strontium	88-1	1.05	1.08	1.04	1.06	1.66	ppb
Sulfur	34-1	-45.35	-142.74	-130.65	-106.25		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.95	0.96	0.97	2.05	ppb
Thallium	205-1	1.00	0.94	0.97	0.97	3.20	ppb
Thorium	232-1	0.88	0.90	0.87	0.88	1.34	ppb
Tin	118-1	5.34	5.55	5.36	5.42	2.12	ppb
Titanium	47-1	5.47	5.48	5.15	5.37	3.49	ppb
Uranium	238-1	0.95	0.95	0.93	0.94	1.33	ppb
Vanadium	51-2	5.45	5.67	5.33	5.48	3.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.63	2.48	2.67	2.59	3.79	ppb
Zirconium	90-1	0.96	0.92	0.89	0.92	4.05	ppb
Zirconium	91-1	0.93	0.96	0.90	0.93	3.04	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1004.79	986.23	975.50	988.84	1.50	ppb
Antimony	121-1	50.96	50.41	50.71	50.69	0.55	ppb
Arsenic	75-1	53.72	53.64	53.75	53.71	0.10	ppb
Barium	135-1	258.48	255.27	257.83	257.20	0.66	ppb
Barium	137-1	256.01	256.25	256.78	256.35	0.15	ppb
Beryllium	9-1	51.90	51.41	51.07	51.46	0.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	52.35	52.64	53.51	52.84	1.13	ppb
Boron	11-1	49.75	52.03	51.71	51.16	2.41	ppb
Cadmium	111-1	52.72	52.42	52.49	52.54	0.29	ppb
Cadmium	106-1	54.59	53.02	51.28	52.96	3.12	ppb
Cadmium	108-1	51.80	50.61	51.46	51.29	1.20	ppb
Calcium	43-1	5081.15	5130.66	5085.01	5098.94	0.54	ppb
Calcium	44-1	5117.63	5109.91	5078.82	5102.12	0.40	ppb
Chromium	52-2	53.11	52.48	51.42	52.34	1.63	ppb
Cobalt	59-2	54.12	53.00	52.26	53.13	1.76	ppb
Copper	63-2	107.38	105.37	104.04	105.60	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	2802.99	2732.66	2700.04	2745.23	1.92	ppb
Iron	57-2	2792.06	2763.99	2700.82	2752.29	1.70	ppb
Krypton	83-1						cps
Lead	206-1	48.46	49.86	49.27	49.19	1.43	ppb
Lead	207-1	48.58	50.01	48.77	49.12	1.58	ppb
Lead	208-1	48.94	49.96	49.33	49.41	1.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	5284.75	5201.43	5152.40	5212.86	1.28	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.30	105.12	102.69	104.70	1.76	ppb
Molybdenum	94-1	251.84	252.44	251.92	252.07	0.13	ppb
Molybdenum	95-1	251.63	254.84	251.81	252.76	0.71	ppb
Molybdenum	96-1	251.23	251.24	251.69	251.39	0.10	ppb
Molybdenum	97-1	249.23	247.96	249.04	248.74	0.28	ppb
Molybdenum	98-1	252.98	251.74	251.40	252.04	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.44	54.96	53.64	54.68	1.70	ppb
Phosphorus	31-2	1033.91	1031.64	969.81	1011.79	3.59	ppb
Potassium	39-2	2525.98	2477.11	2454.31	2485.80	1.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	52.67	52.83	57.01	54.17	4.54	ppb
Selenium	78-2	53.82	57.04	52.03	54.30	4.68	ppb
Selenium	82-1	54.91	53.07	55.47	54.48	2.30	ppb
Silicon	28-1	52.84	54.19	54.56	53.87	1.68	ppb
Silver	109-1	51.54	51.64	51.80	51.66	0.25	ppb
Silver	107-1	52.41	52.34	51.62	52.12	0.84	ppb
Sodium	23-2	5158.76	5093.49	5037.97	5096.74	1.19	ppb
Strontium	86-1	51.29	51.20	51.46	51.32	0.25	ppb
Strontium	88-1	50.58	51.04	50.84	50.82	0.46	ppb
Sulfur	34-1	834.89	870.48	938.44	881.27	5.97	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	48.36	49.72	48.83	48.97	1.41	ppb
Thallium	205-1	49.10	49.94	49.75	49.60	0.89	ppb
Thorium	232-1	47.33	48.30	47.57	47.73	1.07	ppb
Tin	118-1	51.89	51.72	51.17	51.59	0.73	ppb
Titanium	47-1	250.20	252.66	256.17	253.01	1.19	ppb
Uranium	238-1	47.34	49.29	48.08	48.24	2.04	ppb
Vanadium	51-2	51.69	51.23	50.02	50.98	1.69	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	110.46	107.79	107.24	108.50	1.58	ppb
Zirconium	90-1	50.19	50.46	50.29	50.32	0.27	ppb
Zirconium	91-1	50.48	50.75	50.09	50.44	0.66	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2453.25	2456.00	2441.67	2450.31	0.31	ppb
Antimony	121-1	127.32	126.18	126.18	126.56	0.52	ppb
Arsenic	75-1	131.68	133.13	131.32	132.05	0.72	ppb
Barium	135-1	637.83	634.17	640.52	637.51	0.50	ppb
Barium	137-1	638.80	635.71	634.30	636.27	0.36	ppb
Beryllium	9-1	126.82	127.84	127.47	127.38	0.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	122.37	125.23	126.26	124.62	1.62	ppb
Boron	11-1	121.53	122.68	125.83	123.35	1.80	ppb
Cadmium	111-1	130.10	129.28	129.33	129.57	0.36	ppb
Cadmium	106-1	129.03	127.17	127.64	127.95	0.76	ppb
Cadmium	108-1	129.50	127.98	129.52	129.00	0.69	ppb
Calcium	43-1	12549.88	12617.09	12584.16	12583.71	0.27	ppb
Calcium	44-1	12525.24	12483.48	12444.36	12484.36	0.32	ppb
Chromium	52-2	129.47	127.98	129.51	128.98	0.68	ppb
Cobalt	59-2	131.32	132.00	132.13	131.82	0.33	ppb
Copper	63-2	257.59	257.02	256.27	256.96	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				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	6831.26	6859.95	6774.92	6822.04	0.63	ppb
Iron	57-2	6828.73	6840.43	6819.27	6829.48	0.16	ppb
Krypton	83-1						cps
Lead	206-1	122.88	120.93	121.07	121.62	0.89	ppb
Lead	207-1	122.23	121.46	121.48	121.72	0.36	ppb
Lead	208-1	122.63	122.21	121.67	122.17	0.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	12959.56	13007.03	12950.21	12972.26	0.23	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.46	258.94	259.41	259.27	0.11	ppb
Molybdenum	94-1	630.30	622.15	630.03	627.50	0.74	ppb
Molybdenum	95-1	626.29	622.64	626.54	625.16	0.35	ppb
Molybdenum	96-1	625.81	623.25	622.44	623.83	0.28	ppb
Molybdenum	97-1	615.32	614.90	620.77	617.00	0.53	ppb
Molybdenum	98-1	622.85	618.94	623.33	621.71	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.99	133.99	133.80	133.93	0.08	ppb
Phosphorus	31-2	2606.96	2453.84	2581.39	2547.40	3.22	ppb
Potassium	39-2	6171.13	6132.63	6178.20	6160.65	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	134.72	132.24	127.06	131.34	2.98	ppb
Selenium	78-2	129.94	129.52	134.37	131.28	2.05	ppb
Selenium	82-1	131.46	133.44	132.70	132.53	0.75	ppb
Silicon	28-1	133.36	135.40	135.30	134.68	0.85	ppb
Silver	109-1	126.63	126.28	127.04	126.65	0.30	ppb
Silver	107-1	127.85	128.33	127.27	127.82	0.41	ppb
Sodium	23-2	12538.57	12568.26	12618.55	12575.12	0.32	ppb
Strontium	86-1	126.70	124.37	126.32	125.80	0.99	ppb
Strontium	88-1	127.05	124.73	126.05	125.94	0.92	ppb
Sulfur	34-1	2413.02	2405.06	2380.82	2399.63	0.70	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	122.33	120.63	121.39	121.45	0.70	ppb
Thallium	205-1	123.63	123.04	121.31	122.66	0.98	ppb
Thorium	232-1	120.92	119.50	119.25	119.89	0.75	ppb
Tin	118-1	126.50	125.35	126.31	126.05	0.49	ppb
Titanium	47-1	624.91	626.83	624.20	625.32	0.22	ppb
Uranium	238-1	120.52	119.95	119.68	120.05	0.36	ppb
Vanadium	51-2	126.46	126.43	127.27	126.72	0.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	265.49	266.03	265.13	265.55	0.17	ppb
Zirconium	90-1	125.33	125.42	125.66	125.47	0.14	ppb
Zirconium	91-1	124.79	125.52	126.28	125.53	0.60	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4844.19	4835.32	4864.73	4848.08	0.31	ppb
Antimony	121-1	249.13	250.69	254.22	251.34	1.04	ppb
Arsenic	75-1	260.14	260.49	266.09	262.24	1.27	ppb
Barium	135-1	1250.84	1259.17	1287.16	1265.73	1.50	ppb
Barium	137-1	1239.12	1244.75	1262.77	1248.88	0.99	ppb
Beryllium	9-1	253.45	257.32	257.23	256.00	0.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	246.23	252.50	251.41	250.05	1.34	ppb
Boron	11-1	243.04	250.16	247.31	246.84	1.45	ppb
Cadmium	111-1	254.21	253.62	257.67	255.17	0.86	ppb
Cadmium	106-1	254.79	254.76	253.70	254.42	0.24	ppb
Cadmium	108-1	256.04	257.58	258.76	257.46	0.53	ppb
Calcium	43-1	25009.36	24979.13	25395.09	25127.86	0.92	ppb
Calcium	44-1	25037.76	24751.98	25276.76	25022.17	1.05	ppb
Chromium	52-2	255.14	256.12	255.10	255.45	0.23	ppb
Cobalt	59-2	259.02	261.32	259.78	260.04	0.45	ppb
Copper	63-2	504.87	507.88	504.55	505.77	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	13421.53	13600.21	13620.81	13547.52	0.81	ppb
Iron	57-2	13353.48	13575.62	13514.91	13481.34	0.85	ppb
Krypton	83-1						cps
Lead	206-1	245.87	242.98	248.78	245.88	1.18	ppb
Lead	207-1	244.07	242.85	247.18	244.70	0.91	ppb
Lead	208-1	245.27	243.64	249.69	246.20	1.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	25622.55	25733.13	25514.44	25623.37	0.43	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.11	517.83	520.31	515.42	1.25	ppb
Molybdenum	94-1	1233.84	1252.90	1251.33	1246.03	0.85	ppb
Molybdenum	95-1	1232.44	1248.64	1247.00	1242.69	0.72	ppb
Molybdenum	96-1	1238.69	1244.31	1246.72	1243.24	0.33	ppb
Molybdenum	97-1	1228.35	1246.38	1241.39	1238.71	0.75	ppb
Molybdenum	98-1	1232.87	1250.13	1252.71	1245.24	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.43	265.38	264.96	264.59	0.39	ppb
Phosphorus	31-2	5022.02	5034.25	5036.60	5030.96	0.16	ppb
Potassium	39-2	12203.29	12315.78	12242.06	12253.71	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	256.06	262.76	244.50	254.44	3.63	ppb
Selenium	78-2	264.83	262.06	264.24	263.71	0.55	ppb
Selenium	82-1	260.08	260.65	264.24	261.66	0.86	ppb
Silicon	28-1	268.49	272.66	275.91	272.35	1.37	ppb
Silver	109-1	249.73	250.39	254.13	251.42	0.94	ppb
Silver	107-1	250.57	251.69	254.16	252.14	0.73	ppb
Sodium	23-2	25117.59	25110.64	24891.71	25039.98	0.51	ppb
Strontium	86-1	249.96	255.66	253.65	253.09	1.14	ppb
Strontium	88-1	248.62	253.35	248.03	250.00	1.17	ppb
Sulfur	34-1	4827.93	4846.91	5051.91	4908.91	2.53	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	244.89	242.67	249.97	245.84	1.52	ppb
Thallium	205-1	245.03	243.74	250.29	246.35	1.41	ppb
Thorium	232-1	241.39	240.60	245.75	242.58	1.14	ppb
Tin	118-1	249.81	249.52	254.45	251.26	1.10	ppb
Titanium	47-1	1231.28	1244.82	1267.41	1247.84	1.46	ppb
Uranium	238-1	242.93	238.58	244.56	242.03	1.28	ppb
Vanadium	51-2	250.15	252.18	252.31	251.54	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	516.87	517.53	510.32	514.91	0.77	ppb
Zirconium	90-1	249.07	251.40	254.38	251.62	1.06	ppb
Zirconium	91-1	247.86	250.41	251.98	250.08	0.83	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:39:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9454.09	9605.35	9637.82	9565.75	1.03	ppb
Antimony	121-1	503.08	501.95	494.09	499.71	0.98	ppb
Arsenic	75-1	519.17	508.47	503.68	510.44	1.55	ppb
Barium	135-1	2505.07	2495.57	2472.07	2490.90	0.68	ppb
Barium	137-1	2513.05	2486.76	2482.11	2493.97	0.67	ppb
Beryllium	9-1	511.30	498.52	498.28	502.70	1.48	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	500.56	491.81	491.54	494.64	1.04	ppb
Boron	11-1	493.26	485.35	493.00	490.54	0.92	ppb
Cadmium	111-1	494.40	505.63	488.73	496.25	1.73	ppb
Cadmium	106-1	511.24	508.82	498.34	506.13	1.36	ppb
Cadmium	108-1	507.55	502.93	489.44	499.97	1.88	ppb
Calcium	43-1	49971.84	49346.62	49454.70	49591.05	0.67	ppb
Calcium	44-1	50062.16	49379.68	48999.59	49480.48	1.09	ppb
Chromium	52-2	500.49	504.15	509.31	504.65	0.88	ppb
Cobalt	59-2	503.62	504.84	509.31	505.92	0.59	ppb
Copper	63-2	968.75	986.21	984.90	979.95	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	26075.08	26534.04	26593.91	26401.01	1.08	ppb
Iron	57-2	26161.65	26343.89	26427.13	26310.89	0.52	ppb
Krypton	83-1						cps
Lead	206-1	498.18	486.26	485.45	489.96	1.46	ppb
Lead	207-1	498.48	488.25	482.38	489.70	1.66	ppb
Lead	208-1	500.00	490.06	484.83	491.63	1.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	49756.90	50473.43	50703.05	50311.13	0.98	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:39:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.45	1010.53	1013.17	1006.72	0.89	ppb
Molybdenum	94-1	2541.34	2474.69	2462.56	2492.86	1.70	ppb
Molybdenum	95-1	2538.34	2479.94	2459.42	2492.57	1.64	ppb
Molybdenum	96-1	2534.52	2472.38	2475.96	2494.29	1.40	ppb
Molybdenum	97-1	2530.38	2471.83	2443.55	2481.92	1.78	ppb
Molybdenum	98-1	2544.30	2472.38	2452.57	2489.75	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.03	511.48	513.39	510.63	0.64	ppb
Phosphorus	31-2	10039.47	10067.15	10216.85	10107.82	0.94	ppb
Potassium	39-2	24146.26	24322.84	24491.97	24320.36	0.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	504.80	519.21	498.68	507.56	2.08	ppb
Selenium	78-2	522.55	518.38	526.31	522.41	0.76	ppb
Selenium	82-1	524.09	505.73	506.25	512.03	2.04	ppb
Silicon	28-1	566.95	554.09	527.01	549.35	3.71	ppb
Silver	109-1	498.09	499.22	485.69	494.33	1.52	ppb
Silver	107-1	504.51	496.44	493.11	498.02	1.18	ppb
Sodium	23-2	49239.35	49510.97	49819.96	49523.43	0.59	ppb
Strontium	86-1	506.30	499.55	490.81	498.89	1.56	ppb
Strontium	88-1	505.85	495.40	487.71	496.32	1.83	ppb
Sulfur	34-1	10033.48	9680.43	9605.49	9773.13	2.34	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	496.57	491.31	486.02	491.30	1.07	ppb
Thallium	205-1	507.06	493.72	486.16	495.65	2.14	ppb
Thorium	232-1	496.88	483.66	482.60	487.71	1.63	ppb
Tin	118-1	502.17	499.20	489.67	497.01	1.31	ppb
Titanium	47-1	2531.22	2475.01	2462.87	2489.70	1.46	ppb
Uranium	238-1	498.34	483.69	480.44	487.49	1.96	ppb
Vanadium	51-2	494.68	501.46	502.61	499.58	0.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:39:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.89	1000.47	1000.96	993.77	1.21	ppb
Zirconium	90-1	501.51	498.29	488.69	496.17	1.34	ppb
Zirconium	91-1	501.69	496.79	491.37	496.62	1.04	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:42:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19080.93	19119.80	18809.80	19003.51	0.89	ppb
Antimony	121-1	992.52	1000.58	1005.65	999.58	0.66	ppb
Arsenic	75-1	977.67	990.56	1003.72	990.65	1.31	ppb
Barium	135-1	4967.01	4978.58	5050.48	4998.69	0.90	ppb
Barium	137-1	4966.95	4981.99	5055.76	5001.57	0.95	ppb
Beryllium	9-1	990.86	998.10	1001.37	996.78	0.54	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	990.83	1004.24	1012.58	1002.55	1.09	ppb
Boron	11-1	992.30	1008.23	1016.46	1005.67	1.22	ppb
Cadmium	111-1	984.40	998.28	1016.96	999.88	1.63	ppb
Cadmium	106-1	984.86	996.42	1004.67	995.31	1.00	ppb
Cadmium	108-1	976.40	1006.35	1010.00	997.58	1.85	ppb
Calcium	43-1	99264.47	99872.09	100207.17	99781.24	0.48	ppb
Calcium	44-1	99030.92	98978.58	100219.40	99409.63	0.71	ppb
Chromium	52-2	992.62	1004.40	990.07	995.70	0.77	ppb
Cobalt	59-2	987.44	999.77	993.35	993.52	0.62	ppb
Copper	63-2	2006.53	2027.27	1988.49	2007.43	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				101		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	52292.04	52205.20	51761.76	52086.33	0.55	ppb
Iron	57-2	51871.66	52383.66	51677.44	51977.59	0.70	ppb
Krypton	83-1						cps
Lead	206-1	1001.56	1008.95	1009.02	1006.51	0.43	ppb
Lead	207-1	1007.68	1005.90	1007.21	1006.93	0.09	ppb
Lead	208-1	1000.77	1004.77	1011.01	1005.52	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	100210.18	100884.10	99736.83	100277.04	0.57	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:42:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1999.61	2007.06	1967.51	1991.39	1.06	ppb
Molybdenum	94-1	4970.19	4931.69	5110.56	5004.15	1.88	ppb
Molybdenum	95-1	4983.78	4911.84	5120.54	5005.39	2.12	ppb
Molybdenum	96-1	4991.80	4932.02	5090.04	5004.62	1.59	ppb
Molybdenum	97-1	4992.56	4981.17	5065.04	5012.93	0.91	ppb
Molybdenum	98-1	5003.69	4942.31	5073.88	5006.63	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.13	997.04	988.89	989.69	0.71	ppb
Phosphorus	31-2	19970.71	20070.27	19754.53	19931.84	0.81	ppb
Potassium	39-2	48216.72	49008.49	48183.53	48469.58	0.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	988.70	1023.84	969.77	994.10	2.76	ppb
Selenium	78-2	978.11	991.75	983.23	984.36	0.70	ppb
Selenium	82-1	980.22	981.40	1008.09	989.90	1.59	ppb
Silicon	28-1	960.93	968.88	975.20	968.34	0.74	ppb
Silver	109-1	997.41	999.47	1009.69	1002.19	0.66	ppb
Silver	107-1	986.48	999.17	1014.34	1000.00	1.39	ppb
Sodium	23-2	98789.20	99924.54	98373.82	99029.19	0.81	ppb
Strontium	86-1	988.79	986.64	1023.42	999.62	2.06	ppb
Strontium	88-1	994.10	989.05	1021.89	1001.68	1.77	ppb
Sulfur	34-1	19822.94	20260.32	20380.81	20154.69	1.46	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	996.93	1002.32	1018.40	1005.88	1.11	ppb
Thallium	205-1	1000.55	1000.04	1009.61	1003.40	0.54	ppb
Thorium	232-1	1004.30	1012.47	1009.49	1008.75	0.41	ppb
Tin	118-1	993.16	1005.10	1004.64	1000.97	0.68	ppb
Titanium	47-1	4953.53	4991.22	5071.75	5005.50	1.21	ppb
Uranium	238-1	1012.11	1004.40	1010.36	1008.96	0.40	ppb
Vanadium	51-2	999.73	1006.53	992.41	999.56	0.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:42:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1994.75	2017.70	1978.60	1997.02	0.98	ppb
Zirconium	90-1	997.14	988.59	1018.58	1001.44	1.54	ppb
Zirconium	91-1	992.28	996.72	1015.74	1001.58	1.24	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100281.98	100226.23	100246.81	100251.67	0.03	ppb
Antimony	121-1	0.95	1.04	1.02	1.00	4.72	ppb
Arsenic	75-1	0.87	0.92	0.86	0.88	3.84	ppb
Barium	135-1	1.17	1.11	1.08	1.12	4.18	ppb
Barium	137-1	1.19	1.14	1.31	1.21	7.20	ppb
Beryllium	9-1	0.15	0.17	0.13	0.15	12.57	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Boron	10-1	37.87	35.38	34.74	36.00	4.60	ppb
Boron	11-1	36.32	34.88	33.25	34.82	4.41	ppb
Cadmium	111-1	0.03	0.16	0.11	0.10	63.95	ppb
Cadmium	106-1	-2.25	-0.80	-1.54	-1.53		ppb
Cadmium	108-1	0.33	0.38	0.29	0.34	13.49	ppb
Calcium	43-1	497213.86	501295.61	501716.00	500075.16	0.50	ppb
Calcium	44-1	500455.58	499644.43	500404.78	500168.27	0.09	ppb
Chromium	52-2	36.15	36.23	36.43	36.27	0.41	ppb
Cobalt	59-2	2.05	2.08	2.07	2.07	0.77	ppb
Copper	63-2	3.37	3.18	3.24	3.26	2.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				97		%
Iron	56-2	246462.15	251241.04	250417.32	249373.50	1.02	ppb
Iron	57-2	248032.30	250703.38	249486.27	249407.31	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2.86	2.72	2.83	2.80	2.71	ppb
Lead	207-1	2.86	2.86	2.87	2.87	0.16	ppb
Lead	208-1	2.84	2.80	2.87	2.84	1.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	495542.17	501550.65	502512.14	499868.32	0.76	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.29	7.33	7.55	7.39	1.90	ppb
Molybdenum	94-1	4.54	4.51	4.63	4.56	1.33	ppb
Molybdenum	95-1	5.61	5.61	5.62	5.61	0.12	ppb
Molybdenum	96-1	7.37	7.45	7.51	7.44	0.95	ppb
Molybdenum	97-1	5.38	5.62	5.36	5.45	2.61	ppb
Molybdenum	98-1	5.55	5.45	5.57	5.52	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.50	25.02	24.97	24.83	1.15	ppb
Phosphorus	31-2	-18.30	-9.12	-23.42	-16.95		ppb
Potassium	39-2	249060.20	250378.44	251727.53	250388.72	0.53	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				104		%
Scandium	45-2				114		%
Selenium	77-2	0.75	1.63	0.18	0.85	85.45	ppb
Selenium	78-2	0.77	1.32	0.92	1.00	28.66	ppb
Selenium	82-1	2.20	1.74	1.19	1.71	29.69	ppb
Silicon	28-1	122.18	124.80	126.66	124.55	1.81	ppb
Silver	109-1	0.22	0.21	0.22	0.22	2.18	ppb
Silver	107-1	0.24	0.23	0.24	0.24	2.87	ppb
Sodium	23-2	496975.44	500723.65	503011.78	500236.96	0.61	ppb
Strontium	86-1	4.21	4.25	4.40	4.29	2.39	ppb
Strontium	88-1	4.14	4.17	4.24	4.18	1.29	ppb
Sulfur	34-1	-454.27	-419.22	-343.06	-405.52		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.34	0.35	0.32	0.34	6.00	ppb
Thallium	205-1	0.36	0.33	0.36	0.35	5.17	ppb
Thorium	232-1	0.23	0.22	0.23	0.23	1.87	ppb
Tin	118-1	0.48	1.19	0.48	0.72	56.99	ppb
Titanium	47-1	2.04	1.97	2.04	2.02	2.05	ppb
Uranium	238-1	0.13	0.15	0.14	0.14	4.50	ppb
Vanadium	51-2	0.47	0.49	0.46	0.48	3.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.04	28.07	28.01	28.04	0.10	ppb
Zirconium	90-1	0.28	0.29	0.29	0.28	2.19	ppb
Zirconium	91-1	0.24	0.23	0.29	0.26	12.77	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	451.95	456.72	462.72	457.13	1.18	ppb
Antimony	121-1	195.38	195.02	195.44	195.28	0.12	ppb
Arsenic	75-1	199.97	200.67	202.48	201.04	0.64	ppb
Barium	135-1	99.56	100.09	101.18	100.27	0.82	ppb
Barium	137-1	98.54	99.27	98.94	98.92	0.37	ppb
Beryllium	9-1	95.88	94.54	96.00	95.47	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.56	3.30	3.64	3.50	5.06	ppb
Boron	11-1	3.15	2.74	3.20	3.03	8.34	ppb
Cadmium	111-1	100.80	99.03	101.31	100.38	1.19	ppb
Cadmium	106-1	78.98	76.86	78.43	78.09	1.41	ppb
Cadmium	108-1	104.91	107.12	106.91	106.31	1.15	ppb
Calcium	43-1	1971.05	1932.02	1955.04	1952.70	1.00	ppb
Calcium	44-1	1991.94	1945.24	1964.95	1967.37	1.19	ppb
Chromium	52-2	96.83	97.60	98.10	97.51	0.66	ppb
Cobalt	59-2	102.77	102.27	101.90	102.31	0.42	ppb
Copper	63-2	100.09	100.27	99.94	100.10	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	1035.30	1039.38	1055.12	1043.27	1.00	ppb
Iron	57-2	1052.86	1064.86	1056.97	1058.23	0.58	ppb
Krypton	83-1						cps
Lead	206-1	190.73	188.63	188.16	189.17	0.72	ppb
Lead	207-1	188.60	188.30	187.31	188.07	0.36	ppb
Lead	208-1	189.03	188.73	187.57	188.44	0.41	ppb
Lithium	6-1				112		%
Magnesium	24-2	1221.74	1220.15	1193.21	1211.70	1.32	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.17	98.29	97.47	97.98	0.45	ppb
Molybdenum	94-1	1732.21	1728.91	1745.01	1735.38	0.49	ppb
Molybdenum	95-1	2487.16	2497.14	2500.25	2494.85	0.27	ppb
Molybdenum	96-1	2384.77	2395.88	2406.08	2395.58	0.44	ppb
Molybdenum	97-1	2468.51	2480.12	2492.04	2480.22	0.47	ppb
Molybdenum	98-1	2470.04	2486.21	2484.04	2480.10	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.61	104.66	104.30	104.86	0.64	ppb
Phosphorus	31-2	-27.40	-33.50	-23.82	-28.24		ppb
Potassium	39-2	1911.21	1933.72	1922.72	1922.55	0.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	201.38	209.01	207.18	205.86	1.94	ppb
Selenium	78-2	203.68	208.65	201.76	204.70	1.74	ppb
Selenium	82-1	202.97	205.55	206.91	205.15	0.98	ppb
Silicon	28-1	2.31	2.14	2.43	2.29	6.40	ppb
Silver	109-1	107.82	108.13	107.62	107.86	0.24	ppb
Silver	107-1	107.97	108.00	108.63	108.20	0.35	ppb
Sodium	23-2	1953.27	1944.00	1928.47	1941.91	0.65	ppb
Strontium	86-1	2.24	2.36	2.34	2.31	2.87	ppb
Strontium	88-1	2.27	2.26	2.24	2.26	0.53	ppb
Sulfur	34-1	-208.30	-273.52	-192.06	-224.63		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	208.30	208.55	206.59	207.81	0.51	ppb
Thallium	205-1	211.09	210.31	210.28	210.56	0.22	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	30.85	ppb
Tin	118-1	0.05	0.06	0.07	0.06	17.40	ppb
Titanium	47-1	0.34	0.24	0.24	0.27	21.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	96.16	96.29	96.89	96.45	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	203.66	201.09	203.97	202.91	0.78	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	111.54	ppb
Zirconium	91-1	0.07	0.10	0.10	0.09	17.66	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 12:18:08 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.03	0.09	0.11	84.76	ppb
Antimony	121-1	0.10	0.11	0.10	0.11	7.28	ppb
Arsenic	75-1	0.17	0.07	0.10	0.11	46.57	ppb
Barium	135-1	0.03	0.02	0.01	0.02	51.13	ppb
Barium	137-1	0.02	0.01	0.01	0.01	20.86	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	51.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1.84	1.27	1.75	1.62	18.99	ppb
Boron	11-1	1.85	1.59	1.46	1.63	12.23	ppb
Cadmium	111-1	-0.08	-0.15	-0.14	-0.13		ppb
Cadmium	106-1	-1.16	-2.10	-2.04	-1.77		ppb
Cadmium	108-1	0.04	0.02	-0.02	0.01	262.64	ppb
Calcium	43-1	1.10	-0.01	-0.27	0.28	265.62	ppb
Calcium	44-1	0.48	0.06	0.45	0.33	70.68	ppb
Chromium	52-2	0.03	0.02	-0.01	0.01	141.43	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.17	0.10	0.08	0.12	37.31	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.17	0.01	0.15	0.11	76.11	ppb
Iron	57-2	0.09	0.62	0.94	0.55	78.62	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	180.99	ppb
Lead	207-1	0.01	0.00	0.00	0.00	943.96	ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				110		%
Magnesium	24-2	0.50	0.63	0.48	0.54	15.09	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:18:08	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.08	-0.12	-0.09		ppb
Molybdenum	94-1	0.13	0.15	0.14	0.14	7.28	ppb
Molybdenum	95-1	0.19	0.18	0.21	0.19	7.15	ppb
Molybdenum	96-1	0.19	0.17	0.20	0.19	6.64	ppb
Molybdenum	97-1	0.18	0.19	0.21	0.19	10.11	ppb
Molybdenum	98-1	0.18	0.16	0.18	0.17	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	94.75	ppb
Phosphorus	31-2	-34.23	-22.85	-28.03	-28.37		ppb
Potassium	39-2	6.08	1.26	3.35	3.56	67.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.20	0.18	-0.10	0.09	179.74	ppb
Selenium	78-2	-0.21	0.44	0.62	0.28	154.45	ppb
Selenium	82-1	1.06	0.50	0.28	0.62	65.74	ppb
Silicon	28-1	-0.01	-0.91	-0.46	-0.46		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.99	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.38	ppb
Sodium	23-2	3.04	1.69	1.95	2.23	32.22	ppb
Strontium	86-1	0.03	0.00	0.05	0.03	99.35	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	42.38	ppb
Sulfur	34-1	3.14	-224.76	-7.76	-76.46		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.05	0.05	6.72	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	8.98	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	35.75	ppb
Tin	118-1	0.01	0.00	0.01	0.01	60.43	ppb
Titanium	47-1	0.02	0.04	0.03	0.03	26.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	90.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:18:08	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.07	0.01	0.04	64.84	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	353.46	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 12:21:43 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90752.49	89270.33	88994.70	89672.51	1.05	ppb
Antimony	121-1	1.11	1.17	1.19	1.16	3.50	ppb
Arsenic	75-1	1.24	1.42	1.46	1.37	8.53	ppb
Barium	135-1	1.34	1.89	1.75	1.66	17.43	ppb
Barium	137-1	1.41	1.87	1.65	1.64	13.90	ppb
Beryllium	9-1	0.27	0.29	0.30	0.29	4.65	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	1.99	2.12	2.03	2.05	3.35	ppb
Boron	11-1	1.69	1.64	1.64	1.66	1.78	ppb
Cadmium	111-1	0.43	0.33	0.40	0.39	13.83	ppb
Cadmium	106-1	-1.28	-2.03	-1.27	-1.53		ppb
Cadmium	108-1	13.95	13.13	13.63	13.57	3.06	ppb
Calcium	43-1	97710.96	98893.18	98188.39	98264.18	0.61	ppb
Calcium	44-1	98443.25	100135.13	99871.23	99483.20	0.91	ppb
Chromium	52-2	19.69	19.58	19.58	19.62	0.33	ppb
Cobalt	59-2	1.18	1.17	1.18	1.18	0.52	ppb
Copper	63-2	7.31	7.28	7.41	7.33	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	104597.23	103411.74	103256.44	103755.14	0.71	ppb
Iron	57-2	103902.06	102531.40	103082.06	103171.84	0.67	ppb
Krypton	83-1						cps
Lead	206-1	5.04	5.28	5.09	5.14	2.40	ppb
Lead	207-1	4.40	4.68	4.51	4.53	3.04	ppb
Lead	208-1	4.70	4.80	4.77	4.76	1.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	102405.31	101194.59	100776.23	101458.71	0.83	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:21:43	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.87	7.75	7.74	7.79	0.90	ppb
Molybdenum	94-1	1296.70	1346.93	1320.67	1321.43	1.90	ppb
Molybdenum	95-1	1868.25	1930.12	1899.45	1899.27	1.63	ppb
Molybdenum	96-1	1802.26	1850.86	1812.57	1821.89	1.41	ppb
Molybdenum	97-1	1865.74	1924.41	1881.91	1890.69	1.60	ppb
Molybdenum	98-1	1873.67	1934.23	1901.45	1903.12	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.51	5.32	5.45	1.97	ppb
Phosphorus	31-2	99671.14	97571.96	99279.43	98840.84	1.13	ppb
Potassium	39-2	99825.43	97652.11	99057.06	98844.87	1.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	77-2	-0.10	0.45	-0.10	0.08	386.80	ppb
Selenium	78-2	-0.29	0.68	0.61	0.33	162.86	ppb
Selenium	82-1	0.75	0.72	0.45	0.64	25.89	ppb
Silicon	28-1	20.71	21.73	21.34	21.26	2.41	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.83	ppb
Silver	107-1	0.03	0.03	0.04	0.03	19.98	ppb
Sodium	23-2	100951.48	100156.10	99995.50	100367.70	0.51	ppb
Strontium	86-1	33.40	34.38	33.96	33.91	1.44	ppb
Strontium	88-1	33.41	34.22	33.78	33.80	1.20	ppb
Sulfur	34-1	82539.93	82374.09	82604.18	82506.07	0.14	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.15	0.17	0.15	12.66	ppb
Thallium	205-1	0.12	0.13	0.15	0.13	8.29	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	31.82	ppb
Tin	118-1	0.16	0.18	0.15	0.16	10.49	ppb
Titanium	47-1	2001.38	2038.40	2027.24	2022.34	0.94	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	26.12	ppb
Vanadium	51-2	0.15	0.17	0.18	0.16	9.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:21:43	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.22	10.44	10.62	10.43	1.91	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	26.68	ppb
Zirconium	91-1	0.02	0.07	0.04	0.04	56.12	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89467.69	90356.45	88141.51	89321.89	1.25	ppb
Antimony	121-1	20.75	20.35	20.71	20.60	1.07	ppb
Arsenic	75-1	20.71	20.58	20.73	20.67	0.40	ppb
Barium	135-1	21.89	21.18	21.68	21.59	1.68	ppb
Barium	137-1	21.37	21.02	21.36	21.25	0.94	ppb
Beryllium	9-1	20.43	20.28	20.55	20.42	0.65	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	2.16	1.50	1.53	1.73	21.45	ppb
Boron	11-1	2.18	2.12	2.12	2.14	1.50	ppb
Cadmium	111-1	19.12	19.26	19.03	19.14	0.62	ppb
Cadmium	106-1	13.71	13.03	13.55	13.43	2.65	ppb
Cadmium	108-1	27.75	28.19	28.18	28.04	0.90	ppb
Calcium	43-1	97238.65	96268.48	97212.18	96906.44	0.57	ppb
Calcium	44-1	98239.16	96843.30	97666.09	97582.85	0.72	ppb
Chromium	52-2	39.13	39.54	38.74	39.13	1.02	ppb
Cobalt	59-2	20.62	21.04	20.69	20.79	1.07	ppb
Copper	63-2	25.94	26.56	25.62	26.04	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	102544.76	102693.68	100799.69	102012.71	1.03	ppb
Iron	57-2	101373.50	102403.11	100160.79	101312.47	1.11	ppb
Krypton	83-1						cps
Lead	206-1	25.18	24.77	24.72	24.89	1.02	ppb
Lead	207-1	23.68	23.24	23.73	23.55	1.14	ppb
Lead	208-1	24.17	23.89	23.95	24.00	0.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	101259.79	101791.38	100846.45	101299.20	0.47	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.69	27.15	26.63	26.82	1.06	ppb
Molybdenum	94-1	1326.82	1295.54	1304.97	1309.11	1.23	ppb
Molybdenum	95-1	1904.32	1855.66	1868.02	1876.00	1.35	ppb
Molybdenum	96-1	1818.66	1782.75	1797.02	1799.48	1.00	ppb
Molybdenum	97-1	1873.01	1864.35	1868.40	1868.58	0.23	ppb
Molybdenum	98-1	1885.60	1869.17	1870.53	1875.10	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.27	25.51	24.69	25.15	1.68	ppb
Phosphorus	31-2	97951.51	99216.78	97384.76	98184.35	0.96	ppb
Potassium	39-2	98620.60	98494.45	97680.49	98265.18	0.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				116		%
Scandium	45-2				119		%
Selenium	77-2	19.83	23.71	21.57	21.70	8.95	ppb
Selenium	78-2	21.53	19.94	21.38	20.95	4.21	ppb
Selenium	82-1	20.14	19.76	20.55	20.15	1.97	ppb
Silicon	28-1	22.37	21.79	22.18	22.11	1.35	ppb
Silver	109-1	18.06	18.06	18.20	18.11	0.44	ppb
Silver	107-1	18.12	18.03	18.20	18.11	0.47	ppb
Sodium	23-2	100681.69	101119.81	100057.04	100619.51	0.53	ppb
Strontium	86-1	33.51	33.25	33.73	33.50	0.72	ppb
Strontium	88-1	33.51	32.89	32.91	33.10	1.06	ppb
Sulfur	34-1	81189.75	79947.95	81219.19	80785.63	0.90	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	20.32	20.04	19.98	20.11	0.89	ppb
Thallium	205-1	20.46	20.21	20.31	20.33	0.60	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	31.52	ppb
Tin	118-1	0.13	0.17	0.15	0.15	12.07	ppb
Titanium	47-1	1994.62	1979.35	1972.54	1982.17	0.57	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	9.95	ppb
Vanadium	51-2	19.85	19.90	19.47	19.74	1.20	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.00	28.56	28.17	28.24	1.02	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	44.66	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	19.25	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51036.83	51141.58	52096.32	51424.91	1.14	ppb
Antimony	121-1	501.41	487.06	489.66	492.71	1.55	ppb
Arsenic	75-1	471.82	453.77	459.68	461.75	1.99	ppb
Barium	135-1	2594.01	2503.27	2539.80	2545.69	1.79	ppb
Barium	137-1	2576.27	2519.65	2518.86	2538.26	1.30	ppb
Beryllium	9-1	515.35	504.36	504.65	508.12	1.23	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	521.07	518.05	517.16	518.76	0.39	ppb
Boron	11-1	521.01	517.49	520.91	519.80	0.39	ppb
Cadmium	111-1	502.16	498.59	495.67	498.81	0.65	ppb
Cadmium	106-1	513.53	498.75	508.25	506.84	1.48	ppb
Cadmium	108-1	510.90	495.06	499.10	501.69	1.64	ppb
Calcium	43-1	248995.47	237273.63	242133.76	242800.96	2.43	ppb
Calcium	44-1	248224.81	235702.77	240731.92	241553.17	2.61	ppb
Chromium	52-2	495.19	496.59	506.69	499.49	1.26	ppb
Cobalt	59-2	463.84	468.85	484.41	472.37	2.27	ppb
Copper	63-2	959.49	973.34	992.59	975.14	1.70	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	123191.88	124436.47	125666.54	124431.63	0.99	ppb
Iron	57-2	122872.95	123596.91	126693.84	124387.90	1.63	ppb
Krypton	83-1						cps
Lead	206-1	509.07	505.57	498.70	504.45	1.05	ppb
Lead	207-1	510.26	504.21	500.35	504.94	0.99	ppb
Lead	208-1	515.28	506.99	502.20	508.16	1.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	244236.12	243599.98	247638.02	245158.04	0.89	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	947.52	962.03	972.82	960.79	1.32	ppb
Molybdenum	94-1	2527.14	2476.99	2478.42	2494.19	1.14	ppb
Molybdenum	95-1	2531.00	2474.45	2476.37	2493.94	1.29	ppb
Molybdenum	96-1	2528.31	2462.67	2484.16	2491.71	1.34	ppb
Molybdenum	97-1	2539.45	2448.97	2462.78	2483.73	1.96	ppb
Molybdenum	98-1	2537.08	2443.04	2482.64	2487.59	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.35	474.08	488.67	477.37	2.11	ppb
Phosphorus	31-2	9985.89	9863.98	10325.57	10058.48	2.38	ppb
Potassium	39-2	123488.10	123821.48	125946.32	124418.63	1.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				121		%
Selenium	77-2	489.61	478.29	494.36	487.42	1.69	ppb
Selenium	78-2	490.28	488.51	489.51	489.43	0.18	ppb
Selenium	82-1	478.98	464.89	468.42	470.76	1.56	ppb
Silicon	28-1	606.49	595.12	615.12	605.58	1.66	ppb
Silver	109-1	510.92	499.24	499.45	503.20	1.33	ppb
Silver	107-1	516.45	497.43	500.39	504.76	2.03	ppb
Sodium	23-2	245377.74	243547.90	248259.34	245728.33	0.97	ppb
Strontium	86-1	502.05	488.03	495.34	495.14	1.42	ppb
Strontium	88-1	506.70	494.30	497.33	499.45	1.29	ppb
Sulfur	34-1	9890.04	9326.91	9578.66	9598.54	2.94	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	513.33	503.80	504.69	507.27	1.04	ppb
Thallium	205-1	527.14	512.43	509.69	516.42	1.82	ppb
Thorium	232-1	532.32	518.08	519.35	523.25	1.51	ppb
Tin	118-1	507.94	490.15	494.70	497.60	1.86	ppb
Titanium	47-1	2516.04	2459.32	2500.02	2491.79	1.17	ppb
Uranium	238-1	530.79	508.94	513.09	517.61	2.24	ppb
Vanadium	51-2	494.32	495.71	504.25	498.10	1.08	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	986.92	998.04	1023.30	1002.75	1.86	ppb
Zirconium	90-1	515.51	500.01	497.92	504.48	1.90	ppb
Zirconium	91-1	504.13	494.14	494.32	497.53	1.15	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P7
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 12:37:25 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.65	2.36	1.73	2.25	20.83	ppb
Antimony	121-1	0.17	0.22	0.22	0.20	13.39	ppb
Arsenic	75-1	0.16	0.24	0.20	0.20	21.46	ppb
Barium	135-1	0.08	0.05	0.11	0.08	40.20	ppb
Barium	137-1	0.08	0.08	0.10	0.09	13.55	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	16.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	10.38	9.74	9.72	9.95	3.74	ppb
Boron	11-1	10.24	9.47	9.12	9.61	5.99	ppb
Cadmium	111-1	-0.07	-0.15	-0.02	-0.08		ppb
Cadmium	106-1	-1.28	-2.54	-0.87	-1.57		ppb
Cadmium	108-1	0.00	0.02	0.07	0.03	117.66	ppb
Calcium	43-1	10.45	8.08	8.97	9.17	13.07	ppb
Calcium	44-1	11.67	11.51	10.56	11.25	5.35	ppb
Chromium	52-2	0.02	-0.02	0.02	0.01	248.14	ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	58.95	ppb
Copper	63-2	0.05	0.01	-0.02	0.01	249.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	5.54	5.07	5.05	5.22	5.33	ppb
Iron	57-2	5.27	4.02	6.02	5.10	19.74	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.08	0.08	12.07	ppb
Lead	207-1	0.09	0.09	0.08	0.08	5.03	ppb
Lead	208-1	0.07	0.07	0.07	0.07	2.43	ppb
Lithium	6-1				113		%
Magnesium	24-2	10.83	8.63	9.84	9.77	11.31	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:37:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.14	-0.13	-0.13		ppb
Molybdenum	94-1	0.21	0.20	0.24	0.22	10.42	ppb
Molybdenum	95-1	0.19	0.20	0.21	0.20	5.96	ppb
Molybdenum	96-1	0.19	0.21	0.19	0.20	6.31	ppb
Molybdenum	97-1	0.23	0.21	0.20	0.21	6.84	ppb
Molybdenum	98-1	0.19	0.22	0.25	0.22	13.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.01	44.42	ppb
Phosphorus	31-2	-29.12	-33.47	-27.93	-30.18		ppb
Potassium	39-2	20.99	15.74	18.34	18.36	14.32	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.01	0.15	0.20	0.12	83.61	ppb
Selenium	82-1	1.03	0.68	0.78	0.83	21.89	ppb
Silicon	28-1	1.00	0.07	0.64	0.57	81.59	ppb
Silver	109-1	0.05	0.05	0.06	0.05	7.93	ppb
Silver	107-1	0.07	0.06	0.06	0.06	5.38	ppb
Sodium	23-2	23.94	21.99	20.95	22.29	6.82	ppb
Strontium	86-1	0.09	0.00	0.04	0.04	111.17	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.28	ppb
Sulfur	34-1	-253.57	-365.44	-353.29	-324.10		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.10	0.10	0.10	1.58	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	9.64	ppb
Thorium	232-1	0.04	0.04	0.05	0.04	13.39	ppb
Tin	118-1	0.06	0.06	0.08	0.07	21.54	ppb
Titanium	47-1	0.13	0.10	0.14	0.12	15.50	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.86	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	29.31	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:37:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.13	0.09	0.12	20.08	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	22.22	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	33.80	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.66	19.40	20.34	19.47	4.32	ppb
Antimony	121-1	1.96	1.98	1.98	1.97	0.40	ppb
Arsenic	75-1	2.80	2.78	2.83	2.80	0.86	ppb
Barium	135-1	10.21	10.05	10.04	10.10	0.92	ppb
Barium	137-1	10.03	10.06	9.96	10.02	0.52	ppb
Beryllium	9-1	1.00	0.95	1.05	1.00	5.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	24.76	24.31	25.15	24.74	1.71	ppb
Boron	11-1	23.57	24.10	23.69	23.79	1.16	ppb
Cadmium	111-1	0.85	0.71	0.90	0.82	11.95	ppb
Cadmium	106-1	-1.66	-2.43	-0.69	-1.59		ppb
Cadmium	108-1	1.17	1.15	0.98	1.10	9.25	ppb
Calcium	43-1	503.23	477.21	501.99	494.15	2.97	ppb
Calcium	44-1	482.40	489.86	486.29	486.19	0.77	ppb
Chromium	52-2	2.04	1.99	2.03	2.02	1.33	ppb
Cobalt	59-2	1.01	0.97	1.02	1.00	2.89	ppb
Copper	63-2	1.95	1.83	1.92	1.90	3.37	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				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	56.21	55.88	56.33	56.14	0.42	ppb
Iron	57-2	56.79	57.17	62.07	58.68	5.02	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.91	0.90	0.92	3.47	ppb
Lead	207-1	0.90	0.91	0.92	0.91	1.13	ppb
Lead	208-1	0.93	0.92	0.90	0.91	1.40	ppb
Lithium	6-1				111		%
Magnesium	24-2	537.46	544.27	535.91	539.21	0.83	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	0.90	0.82	0.87	5.56	ppb
Molybdenum	94-1	4.84	4.79	4.72	4.78	1.20	ppb
Molybdenum	95-1	4.98	4.89	4.88	4.91	1.20	ppb
Molybdenum	96-1	4.84	4.85	4.93	4.87	1.01	ppb
Molybdenum	97-1	5.05	4.82	4.75	4.87	3.20	ppb
Molybdenum	98-1	4.88	4.86	4.83	4.86	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.05	1.06	1.07	2.42	ppb
Phosphorus	31-2	26.74	16.85	29.60	24.40	27.43	ppb
Potassium	39-2	496.36	499.41	501.86	499.21	0.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	3.85	4.41	5.55	4.60	18.78	ppb
Selenium	78-2	5.13	6.02	5.84	5.67	8.32	ppb
Selenium	82-1	6.46	7.03	6.68	6.72	4.21	ppb
Silicon	28-1	8.36	8.45	9.48	8.76	7.07	ppb
Silver	109-1	1.00	1.02	1.03	1.02	1.28	ppb
Silver	107-1	1.05	1.03	1.03	1.04	1.48	ppb
Sodium	23-2	509.40	509.15	507.65	508.73	0.19	ppb
Strontium	86-1	1.05	0.99	1.03	1.02	2.67	ppb
Strontium	88-1	0.96	0.98	0.97	0.97	1.35	ppb
Sulfur	34-1	-67.92	-173.42	-57.16	-99.50		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.93	0.94	0.95	0.94	1.19	ppb
Thallium	205-1	0.98	0.93	0.98	0.96	2.82	ppb
Thorium	232-1	0.82	0.82	0.82	0.82	0.27	ppb
Tin	118-1	5.20	5.22	5.18	5.20	0.36	ppb
Titanium	47-1	4.81	5.00	4.96	4.92	1.95	ppb
Uranium	238-1	0.87	0.88	0.83	0.86	3.26	ppb
Vanadium	51-2	5.32	5.33	5.20	5.28	1.37	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.65	2.69	2.72	2.69	1.36	ppb
Zirconium	90-1	0.91	0.90	0.87	0.89	2.43	ppb
Zirconium	91-1	0.90	0.88	0.90	0.89	1.71	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : PB124403BL Instrumnet Name : P7
 Client Sample ID : PB124403BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:04:36 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	0.08	-0.03	0.04	147.28	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.52	ppb
Arsenic	75-1	0.12	-0.01	0.14	0.08	93.51	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	0.43	0.34	0.90	0.56	53.99	ppb
Boron	11-1	0.43	0.11	-0.08	0.15	169.77	ppb
Cadmium	111-1	-0.08	-0.16	-0.13	-0.12		ppb
Cadmium	106-1	-1.01	-2.06	-1.66	-1.58		ppb
Cadmium	108-1	0.03	-0.08	0.00	-0.01		ppb
Calcium	43-1	0.67	-0.58	1.41	0.50	199.70	ppb
Calcium	44-1	0.64	-0.46	0.25	0.15	382.86	ppb
Chromium	52-2	-0.02	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.17	-0.16	-0.18	-0.17		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				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	-0.09	-0.10	-0.10	-0.10		ppb
Iron	57-2	0.95	0.00	0.87	0.60	87.49	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				111		%
Magnesium	24-2	0.45	0.21	0.11	0.25	68.26	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BL	Instrumnet Name :	P7
Client Sample ID :	PB124403BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:04:36	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.18	-0.18	-0.18	-0.18		ppb
Molybdenum	94-1	0.01	0.01	0.02	0.02	37.47	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	36.93	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	134.83	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	22.42	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	37.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-31.68	-23.59	-25.47	-26.91		ppb
Potassium	39-2	6.84	1.79	4.81	4.48	56.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.93	-0.05	-0.24	0.21	294.06	ppb
Selenium	82-1	0.86	0.04	0.28	0.39	107.13	ppb
Silicon	28-1	-1.04	-0.85	-1.05	-0.98		ppb
Silver	109-1	0.01	0.00	0.00	0.00	138.77	ppb
Silver	107-1	0.00	0.01	0.00	0.01	60.06	ppb
Sodium	23-2	3.39	2.15	1.98	2.51	30.75	ppb
Strontium	86-1	0.03	-0.03	0.02	0.01	357.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.80	ppb
Sulfur	34-1	17.94	50.21	-1.13	22.34	116.15	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.02	0.01	34.38	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	53.05	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	111.57	ppb
Tin	118-1	0.01	0.00	0.02	0.01	114.83	ppb
Titanium	47-1	0.06	-0.01	0.05	0.03	126.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BL	Instrumnet Name :	P7
Client Sample ID :	PB124403BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:04:36	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.05	-0.01	-0.02		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	55.76	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BS	Instrumnet Name :	P7
Client Sample ID :	PB124403BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:08:10	DataFile Name :	023DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9751.96	9604.16	9677.20	9677.77	0.76	ppb
Antimony	121-1	511.56	508.37	514.61	511.51	0.61	ppb
Arsenic	75-1	497.65	504.71	501.79	501.39	0.71	ppb
Barium	135-1	2527.00	2534.30	2520.56	2527.29	0.27	ppb
Barium	137-1	2535.78	2529.54	2530.97	2532.10	0.13	ppb
Beryllium	9-1	499.78	502.12	500.15	500.68	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	464.62	478.45	487.83	476.97	2.45	ppb
Boron	11-1	456.10	473.61	483.64	471.11	2.96	ppb
Cadmium	111-1	496.95	503.56	509.63	503.38	1.26	ppb
Cadmium	106-1	504.73	518.24	515.84	512.94	1.40	ppb
Cadmium	108-1	499.82	505.09	508.78	504.56	0.89	ppb
Calcium	43-1	49309.04	49766.41	49366.05	49480.50	0.50	ppb
Calcium	44-1	49449.34	49854.89	49609.48	49637.91	0.41	ppb
Chromium	52-2	500.01	494.83	496.55	497.13	0.53	ppb
Cobalt	59-2	497.08	499.10	495.65	497.28	0.35	ppb
Copper	63-2	963.80	958.74	956.30	959.62	0.40	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				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	26317.80	26506.77	26240.44	26355.00	0.52	ppb
Iron	57-2	25971.64	25997.53	25879.38	25949.52	0.24	ppb
Krypton	83-1						cps
Lead	206-1	479.10	489.68	489.94	486.24	1.27	ppb
Lead	207-1	478.20	485.39	488.46	484.02	1.09	ppb
Lead	208-1	483.73	488.80	492.94	488.49	0.94	ppb
Lithium	6-1				111		%
Magnesium	24-2	51376.57	51039.40	51275.49	51230.48	0.34	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BS	Instrumnet Name :	P7
Client Sample ID :	PB124403BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:08:10	DataFile Name :	023DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.50	993.99	1001.86	996.79	0.44	ppb
Molybdenum	94-1	2482.44	2489.75	2475.44	2482.54	0.29	ppb
Molybdenum	95-1	2469.85	2498.57	2507.30	2491.91	0.79	ppb
Molybdenum	96-1	2464.45	2482.45	2504.18	2483.70	0.80	ppb
Molybdenum	97-1	2466.50	2474.02	2482.85	2474.46	0.33	ppb
Molybdenum	98-1	2493.04	2499.37	2488.30	2493.57	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.49	505.10	503.28	504.62	0.23	ppb
Phosphorus	31-2	10239.84	9995.53	10234.24	10156.54	1.37	ppb
Potassium	39-2	24630.19	24496.69	24628.92	24585.27	0.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	77-2	491.89	521.22	507.95	507.02	2.90	ppb
Selenium	78-2	516.30	520.86	527.51	521.56	1.08	ppb
Selenium	82-1	510.57	516.41	516.55	514.51	0.66	ppb
Silicon	28-1	513.22	524.62	526.94	521.59	1.41	ppb
Silver	109-1	500.86	505.82	511.92	506.20	1.09	ppb
Silver	107-1	503.12	503.91	507.77	504.93	0.49	ppb
Sodium	23-2	50486.50	50366.14	50534.61	50462.42	0.17	ppb
Strontium	86-1	495.35	499.35	499.85	498.18	0.50	ppb
Strontium	88-1	494.10	499.93	500.02	498.02	0.68	ppb
Sulfur	34-1	9834.04	10138.73	10002.40	9991.72	1.53	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	493.28	502.62	501.69	499.20	1.03	ppb
Thallium	205-1	491.62	502.76	506.17	500.18	1.52	ppb
Thorium	232-1	473.85	484.10	482.74	480.23	1.16	ppb
Tin	118-1	493.90	498.32	507.46	499.90	1.38	ppb
Titanium	47-1	2438.06	2472.93	2463.16	2458.05	0.73	ppb
Uranium	238-1	471.02	479.30	481.02	477.12	1.12	ppb
Vanadium	51-2	496.80	495.88	495.69	496.12	0.12	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BS	Instrumnet Name :	P7
Client Sample ID :	PB124403BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:08:10	DataFile Name :	023DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	981.40	967.94	974.42	974.59	0.69	ppb
Zirconium	90-1	499.19	498.71	495.24	497.71	0.43	ppb
Zirconium	91-1	494.48	490.46	496.12	493.69	0.59	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97.69	98.57	95.43	97.23	1.66	ppb
Antimony	121-1	0.47	0.52	0.55	0.51	7.98	ppb
Arsenic	75-1	0.32	0.42	0.29	0.34	20.69	ppb
Barium	135-1	8.68	8.50	8.35	8.51	1.97	ppb
Barium	137-1	8.44	8.42	8.38	8.41	0.34	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	49.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	28.03	27.34	26.04	27.14	3.73	ppb
Boron	11-1	27.72	26.72	25.53	26.66	4.12	ppb
Cadmium	111-1	-0.13	-0.10	-0.13	-0.12		ppb
Cadmium	106-1	-2.21	-1.70	-1.83	-1.91		ppb
Cadmium	108-1	0.02	0.09	0.16	0.09	79.18	ppb
Calcium	43-1	12706.60	12841.02	12681.92	12743.18	0.67	ppb
Calcium	44-1	12886.49	12978.72	12896.61	12920.60	0.39	ppb
Chromium	52-2	5.68	5.72	5.77	5.72	0.78	ppb
Cobalt	59-2	0.13	0.14	0.11	0.13	12.98	ppb
Copper	63-2	286.54	283.84	283.48	284.62	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	80.08	79.83	79.89	79.93	0.16	ppb
Iron	57-2	124.93	124.09	123.48	124.17	0.59	ppb
Krypton	83-1						cps
Lead	206-1	43.50	42.92	43.92	43.45	1.16	ppb
Lead	207-1	40.73	40.50	41.47	40.90	1.24	ppb
Lead	208-1	41.95	41.76	42.36	42.02	0.74	ppb
Lithium	6-1				110		%
Magnesium	24-2	4034.91	4026.11	4010.97	4024.00	0.30	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	116.72	116.73	117.24	116.90	0.25	ppb
Molybdenum	94-1	0.75	0.78	0.78	0.77	2.04	ppb
Molybdenum	95-1	0.54	0.56	0.53	0.54	3.04	ppb
Molybdenum	96-1	0.53	0.58	0.57	0.56	4.53	ppb
Molybdenum	97-1	0.52	0.54	0.53	0.53	1.53	ppb
Molybdenum	98-1	0.52	0.53	0.56	0.54	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.95	6.91	6.87	6.91	0.65	ppb
Phosphorus	31-2	695.12	639.17	673.74	669.34	4.22	ppb
Potassium	39-2	833.64	823.15	829.86	828.88	0.64	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	-0.10	0.74	-0.10	0.18	269.97	ppb
Selenium	78-2	0.74	0.22	-0.04	0.31	128.94	ppb
Selenium	82-1	1.06	0.87	0.55	0.82	30.99	ppb
Silicon	28-1	2701.68	2705.60	2700.98	2702.76	0.09	ppb
Silver	109-1	0.06	0.05	0.06	0.05	10.67	ppb
Silver	107-1	0.07	0.06	0.05	0.06	18.96	ppb
Sodium	23-2	26073.59	26115.64	25886.43	26025.22	0.47	ppb
Strontium	86-1	37.29	37.14	37.01	37.15	0.38	ppb
Strontium	88-1	37.10	36.72	37.10	36.97	0.60	ppb
Sulfur	34-1	2618.56	2573.70	2511.72	2567.99	2.09	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.08	0.08	0.08	14.20	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	9.85	ppb
Thorium	232-1	0.11	0.11	0.12	0.11	4.22	ppb
Tin	118-1	56.67	55.80	56.77	56.41	0.94	ppb
Titanium	47-1	1.42	1.59	1.50	1.50	5.90	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.11	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	2.97	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	217.83	218.17	213.35	216.45	1.24	ppb
Zirconium	90-1	0.23	0.26	0.26	0.25	6.18	ppb
Zirconium	91-1	0.22	0.24	0.21	0.22	6.67	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.87	22.36	20.46	21.90	5.81	ppb
Antimony	121-1	0.12	0.15	0.15	0.14	14.42	ppb
Arsenic	75-1	2.14	2.05	1.99	2.06	3.56	ppb
Barium	135-1	285.63	287.49	289.87	287.66	0.74	ppb
Barium	137-1	285.47	286.80	288.96	287.08	0.61	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	23.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	35.85	36.84	36.68	36.46	1.44	ppb
Boron	11-1	36.22	36.75	37.40	36.79	1.61	ppb
Cadmium	111-1	-0.12	-0.03	-0.06	-0.07		ppb
Cadmium	106-1	-1.58	-0.31	-0.73	-0.87		ppb
Cadmium	108-1	0.71	0.64	0.82	0.72	12.78	ppb
Calcium	43-1	35206.36	35150.52	35450.96	35269.28	0.45	ppb
Calcium	44-1	35609.28	35871.25	35625.40	35701.98	0.41	ppb
Chromium	52-2	1.88	1.82	1.92	1.87	2.58	ppb
Cobalt	59-2	0.75	0.81	0.76	0.78	4.02	ppb
Copper	63-2	279.82	283.08	282.93	281.94	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	2862.01	2846.99	2877.03	2862.01	0.52	ppb
Iron	57-2	2939.17	2919.75	2937.18	2932.03	0.36	ppb
Krypton	83-1						cps
Lead	206-1	57.82	58.50	58.17	58.16	0.59	ppb
Lead	207-1	55.43	55.30	55.38	55.37	0.12	ppb
Lead	208-1	56.34	56.61	56.57	56.51	0.26	ppb
Lithium	6-1				111		%
Magnesium	24-2	14511.46	14433.15	14477.79	14474.14	0.27	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.91	13.19	13.06	13.06	1.09	ppb
Molybdenum	94-1	10.60	10.81	10.77	10.72	1.05	ppb
Molybdenum	95-1	0.48	0.47	0.46	0.47	2.62	ppb
Molybdenum	96-1	1.74	1.66	1.73	1.71	2.70	ppb
Molybdenum	97-1	0.44	0.49	0.51	0.48	6.90	ppb
Molybdenum	98-1	0.45	0.47	0.45	0.46	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.74	6.74	6.74	6.74	0.05	ppb
Phosphorus	31-2	23.37	22.32	22.94	22.88	2.32	ppb
Potassium	39-2	1264.08	1275.95	1285.21	1275.08	0.83	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	1.02	-0.10	0.18	0.36	159.76	ppb
Selenium	78-2	1.05	0.42	1.04	0.84	43.29	ppb
Selenium	82-1	1.71	1.28	0.74	1.25	38.94	ppb
Silicon	28-1	9127.66	9179.93	9266.15	9191.25	0.76	ppb
Silver	109-1	0.17	0.18	0.15	0.17	8.63	ppb
Silver	107-1	0.17	0.18	0.17	0.18	2.91	ppb
Sodium	23-2	12536.71	12291.85	12449.69	12426.08	1.00	ppb
Strontium	86-1	222.36	222.27	222.75	222.46	0.12	ppb
Strontium	88-1	223.67	225.72	225.25	224.88	0.48	ppb
Sulfur	34-1	5024.48	4970.08	5017.81	5004.12	0.59	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.04	0.04	11.66	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	16.12	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	14.03	ppb
Tin	118-1	5.73	5.85	5.87	5.82	1.32	ppb
Titanium	47-1	2.45	2.23	2.31	2.33	4.87	ppb
Uranium	238-1	2.77	2.79	2.75	2.77	0.68	ppb
Vanadium	51-2	3.05	2.99	3.11	3.05	1.96	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	273.71	271.41	275.61	273.58	0.77	ppb
Zirconium	90-1	6.93	6.93	6.90	6.92	0.23	ppb
Zirconium	91-1	7.10	6.76	6.80	6.89	2.70	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.80	20.96	21.67	22.15	6.69	ppb
Antimony	121-1	0.09	0.11	0.11	0.10	13.93	ppb
Arsenic	75-1	2.23	2.14	2.12	2.16	2.76	ppb
Barium	135-1	283.60	287.12	286.20	285.64	0.64	ppb
Barium	137-1	282.08	283.58	288.43	284.70	1.17	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	64.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	34.87	35.77	36.90	35.85	2.84	ppb
Boron	11-1	34.93	35.52	35.30	35.25	0.85	ppb
Cadmium	111-1	-0.02	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	0.07	-0.73	-0.33	-0.33		ppb
Cadmium	108-1	0.78	0.89	0.65	0.77	15.64	ppb
Calcium	43-1	35128.98	35408.82	35298.97	35278.92	0.40	ppb
Calcium	44-1	35553.44	35575.18	35875.65	35668.09	0.50	ppb
Chromium	52-2	1.85	1.80	1.83	1.82	1.44	ppb
Cobalt	59-2	0.79	0.77	0.78	0.78	1.41	ppb
Copper	63-2	282.09	281.73	281.14	281.65	0.17	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				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	2885.96	2849.88	2844.92	2860.26	0.78	ppb
Iron	57-2	2934.43	2929.48	2913.47	2925.79	0.37	ppb
Krypton	83-1						cps
Lead	206-1	58.43	57.90	58.31	58.21	0.47	ppb
Lead	207-1	55.98	55.74	54.98	55.57	0.94	ppb
Lead	208-1	56.91	56.29	56.37	56.52	0.60	ppb
Lithium	6-1				111		%
Magnesium	24-2	14472.47	14296.21	14409.71	14392.80	0.62	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.08	12.95	13.37	13.14	1.65	ppb
Molybdenum	94-1	10.92	10.83	10.92	10.89	0.48	ppb
Molybdenum	95-1	0.43	0.43	0.41	0.42	2.56	ppb
Molybdenum	96-1	1.74	1.69	1.71	1.71	1.42	ppb
Molybdenum	97-1	0.40	0.38	0.40	0.39	2.35	ppb
Molybdenum	98-1	0.42	0.42	0.42	0.42	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.41	6.59	6.55	6.52	1.50	ppb
Phosphorus	31-2	33.02	36.96	19.37	29.78	31.00	ppb
Potassium	39-2	1274.97	1278.42	1275.45	1276.28	0.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	0.46	0.73	-0.10	0.36	116.93	ppb
Selenium	78-2	0.86	1.58	0.95	1.13	34.81	ppb
Selenium	82-1	1.74	1.76	1.39	1.63	12.74	ppb
Silicon	28-1	9299.84	9253.81	9177.51	9243.72	0.67	ppb
Silver	109-1	0.15	0.17	0.14	0.16	9.22	ppb
Silver	107-1	0.16	0.17	0.16	0.16	3.16	ppb
Sodium	23-2	12398.24	12362.44	12459.97	12406.88	0.40	ppb
Strontium	86-1	220.68	218.51	223.03	220.74	1.02	ppb
Strontium	88-1	223.34	222.14	222.98	222.82	0.28	ppb
Sulfur	34-1	5071.90	5051.92	5058.18	5060.67	0.20	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.03	0.02	41.98	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	17.44	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	9.60	ppb
Tin	118-1	5.72	5.68	5.76	5.72	0.67	ppb
Titanium	47-1	2.25	2.15	2.10	2.16	3.46	ppb
Uranium	238-1	2.81	2.74	2.75	2.77	1.48	ppb
Vanadium	51-2	3.12	3.00	3.03	3.05	2.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	274.30	271.67	269.21	271.73	0.94	ppb
Zirconium	90-1	6.90	7.01	6.90	6.94	0.89	ppb
Zirconium	91-1	6.96	6.84	7.10	6.97	1.86	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.97	4.99	4.79	4.92	2.21	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	12.33	ppb
Arsenic	75-1	0.65	0.60	0.54	0.60	9.55	ppb
Barium	135-1	57.83	58.60	57.44	57.96	1.02	ppb
Barium	137-1	57.08	58.37	58.52	57.99	1.37	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	141.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	10.59	11.42	10.94	10.98	3.80	ppb
Boron	11-1	10.29	10.85	10.94	10.70	3.29	ppb
Cadmium	111-1	-0.06	-0.13	-0.10	-0.10		ppb
Cadmium	106-1	-0.80	-1.69	-1.31	-1.27		ppb
Cadmium	108-1	0.16	0.41	0.12	0.23	69.96	ppb
Calcium	43-1	7012.00	7095.79	7049.73	7052.51	0.60	ppb
Calcium	44-1	7022.71	7092.31	7118.73	7077.92	0.70	ppb
Chromium	52-2	0.38	0.38	0.36	0.38	2.87	ppb
Cobalt	59-2	0.16	0.18	0.15	0.16	7.47	ppb
Copper	63-2	57.37	57.97	57.17	57.51	0.72	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				106		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	567.04	566.22	561.49	564.92	0.53	ppb
Iron	57-2	580.86	599.71	595.42	592.00	1.67	ppb
Krypton	83-1						cps
Lead	206-1	11.27	11.53	11.75	11.52	2.09	ppb
Lead	207-1	10.77	10.91	11.03	10.90	1.21	ppb
Lead	208-1	10.99	11.12	11.22	11.11	1.05	ppb
Lithium	6-1				111		%
Magnesium	24-2	2892.50	2893.97	2882.55	2889.67	0.21	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.56	2.70	2.55	2.60	3.28	ppb
Molybdenum	94-1	2.21	2.04	2.08	2.11	4.31	ppb
Molybdenum	95-1	0.11	0.10	0.12	0.11	9.52	ppb
Molybdenum	96-1	0.36	0.32	0.41	0.36	11.38	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.10	10.72	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.38	1.38	1.38	0.21	ppb
Phosphorus	31-2	-18.28	-11.20	-16.38	-15.29		ppb
Potassium	39-2	256.58	258.20	257.11	257.30	0.32	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	77-2	0.71	0.73	0.17	0.54	59.19	ppb
Selenium	78-2	0.43	0.51	0.43	0.46	10.30	ppb
Selenium	82-1	0.82	0.88	1.12	0.94	17.17	ppb
Silicon	28-1	1873.95	1834.42	1856.78	1855.05	1.07	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.42	ppb
Silver	107-1	0.04	0.03	0.04	0.03	18.66	ppb
Sodium	23-2	2449.03	2465.95	2413.66	2442.88	1.09	ppb
Strontium	86-1	44.60	44.14	44.31	44.35	0.52	ppb
Strontium	88-1	43.98	44.27	44.07	44.11	0.34	ppb
Sulfur	34-1	754.94	597.63	538.49	630.35	17.75	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.01	0.01	0.02	36.06	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	24.50	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.18	ppb
Tin	118-1	1.22	1.25	1.19	1.22	2.39	ppb
Titanium	47-1	0.49	0.45	0.43	0.46	7.16	ppb
Uranium	238-1	0.52	0.53	0.55	0.53	2.57	ppb
Vanadium	51-2	0.57	0.60	0.63	0.60	5.08	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	57.45	55.61	55.78	56.28	1.81	ppb
Zirconium	90-1	1.39	1.32	1.37	1.36	2.68	ppb
Zirconium	91-1	1.54	1.41	1.44	1.46	4.47	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1838.81	1853.41	1854.29	1848.84	0.47	ppb
Antimony	121-1	811.32	820.07	819.05	816.81	0.59	ppb
Arsenic	75-1	1223.96	1211.58	1237.15	1224.23	1.04	ppb
Barium	135-1	484.77	487.05	495.14	488.99	1.11	ppb
Barium	137-1	482.24	490.77	493.06	488.69	1.17	ppb
Beryllium	9-1	192.09	191.60	193.05	192.25	0.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	311.06	316.95	321.06	316.36	1.59	ppb
Boron	11-1	312.87	311.67	316.61	313.72	0.82	ppb
Cadmium	111-1	196.95	200.44	200.43	199.28	1.01	ppb
Cadmium	106-1	162.31	162.52	163.91	162.91	0.53	ppb
Cadmium	108-1	174.02	176.42	177.85	176.10	1.10	ppb
Calcium	43-1	36408.85	36427.81	36251.52	36362.73	0.27	ppb
Calcium	44-1	36694.41	37005.02	36755.52	36818.32	0.45	ppb
Chromium	52-2	398.06	396.89	396.58	397.18	0.20	ppb
Cobalt	59-2	202.90	202.43	203.91	203.08	0.37	ppb
Copper	63-2	571.79	575.57	575.49	574.28	0.38	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				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	6026.28	6014.61	6056.91	6032.60	0.36	ppb
Iron	57-2	6065.27	6112.62	6065.78	6081.22	0.45	ppb
Krypton	83-1						cps
Lead	206-1	1040.74	1036.70	1040.31	1039.25	0.21	ppb
Lead	207-1	1030.82	1034.34	1032.18	1032.45	0.17	ppb
Lead	208-1	1025.12	1029.08	1030.22	1028.14	0.26	ppb
Lithium	6-1				115		%
Magnesium	24-2	16575.71	16457.80	16410.32	16481.28	0.52	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.16	210.85	209.61	209.87	0.42	ppb
Molybdenum	94-1	282.15	277.17	282.22	280.51	1.03	ppb
Molybdenum	95-1	388.96	379.83	388.24	385.67	1.32	ppb
Molybdenum	96-1	373.72	367.37	376.25	372.45	1.23	ppb
Molybdenum	97-1	382.22	375.44	385.54	381.07	1.35	ppb
Molybdenum	98-1	381.43	378.92	392.32	384.22	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.47	517.14	515.90	516.83	0.16	ppb
Phosphorus	31-2	5987.09	6051.16	6108.19	6048.81	1.00	ppb
Potassium	39-2	11056.30	11162.20	11054.73	11091.08	0.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	2036.48	2047.74	2026.32	2036.85	0.53	ppb
Selenium	78-2	2046.59	2043.45	2021.93	2037.32	0.66	ppb
Selenium	82-1	2018.61	1977.33	2044.06	2013.33	1.67	ppb
Silicon	28-1	10092.12	10202.13	10124.33	10139.53	0.56	ppb
Silver	109-1	74.87	75.84	75.09	75.27	0.67	ppb
Silver	107-1	75.91	75.20	75.72	75.61	0.48	ppb
Sodium	23-2	15473.07	15395.44	15233.97	15367.49	0.79	ppb
Strontium	86-1	422.49	414.45	427.72	421.56	1.59	ppb
Strontium	88-1	422.40	416.52	425.79	421.57	1.11	ppb
Sulfur	34-1	4838.59	4842.78	4930.42	4870.60	1.06	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	2002.11	1970.97	1985.24	1986.10	0.78	ppb
Thallium	205-1	1988.07	1971.44	1974.97	1978.16	0.44	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	9.29	ppb
Tin	118-1	733.31	734.04	733.95	733.76	0.05	ppb
Titanium	47-1	202.08	199.82	203.24	201.71	0.86	ppb
Uranium	238-1	2.73	2.78	2.75	2.75	0.86	ppb
Vanadium	51-2	297.34	300.02	298.45	298.60	0.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	469.83	465.53	462.91	466.09	0.75	ppb
Zirconium	90-1	8.31	8.16	8.28	8.25	1.01	ppb
Zirconium	91-1	8.48	8.33	8.76	8.52	2.55	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1842.11	1839.70	1826.05	1835.95	0.47	ppb
Antimony	121-1	814.02	827.98	822.84	821.61	0.86	ppb
Arsenic	75-1	1210.85	1231.82	1222.66	1221.78	0.86	ppb
Barium	135-1	483.97	493.33	495.04	490.78	1.21	ppb
Barium	137-1	480.38	487.72	486.89	485.00	0.83	ppb
Beryllium	9-1	190.00	190.86	190.82	190.56	0.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	319.46	321.87	325.78	322.37	0.99	ppb
Boron	11-1	311.71	319.97	326.00	319.23	2.25	ppb
Cadmium	111-1	196.85	200.62	197.44	198.30	1.02	ppb
Cadmium	106-1	162.61	162.54	163.11	162.76	0.19	ppb
Cadmium	108-1	177.14	175.11	174.06	175.44	0.89	ppb
Calcium	43-1	36018.41	36840.31	36500.06	36452.93	1.13	ppb
Calcium	44-1	36501.29	37113.31	36617.41	36744.00	0.88	ppb
Chromium	52-2	399.24	401.41	398.60	399.75	0.37	ppb
Cobalt	59-2	202.94	204.28	204.29	203.84	0.38	ppb
Copper	63-2	575.79	580.12	578.19	578.03	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				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	6039.33	6111.34	6058.91	6069.86	0.61	ppb
Iron	57-2	6069.94	6101.21	6109.37	6093.51	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1045.91	1037.05	1040.82	1041.26	0.43	ppb
Lead	207-1	1036.48	1029.52	1028.94	1031.65	0.41	ppb
Lead	208-1	1035.13	1027.16	1030.70	1031.00	0.39	ppb
Lithium	6-1				115		%
Magnesium	24-2	16358.24	16556.52	16647.94	16520.90	0.90	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.13	210.70	211.29	210.38	0.53	ppb
Molybdenum	94-1	274.04	277.50	283.32	278.29	1.69	ppb
Molybdenum	95-1	377.29	377.40	388.90	381.20	1.75	ppb
Molybdenum	96-1	366.10	364.30	374.24	368.21	1.44	ppb
Molybdenum	97-1	372.13	376.34	383.20	377.22	1.48	ppb
Molybdenum	98-1	379.23	381.38	384.66	381.75	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.92	523.54	525.05	521.84	0.83	ppb
Phosphorus	31-2	6055.18	6134.27	6017.12	6068.86	0.98	ppb
Potassium	39-2	11117.90	11108.42	11106.10	11110.81	0.06	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	2024.95	2003.58	2061.54	2030.02	1.44	ppb
Selenium	78-2	2045.05	2062.69	2058.02	2055.26	0.44	ppb
Selenium	82-1	1987.47	1996.42	2014.79	1999.56	0.70	ppb
Silicon	28-1	9963.63	10287.17	10216.35	10155.71	1.67	ppb
Silver	109-1	73.98	75.30	74.73	74.67	0.89	ppb
Silver	107-1	74.54	75.37	75.10	75.00	0.57	ppb
Sodium	23-2	15413.32	15297.41	15454.31	15388.35	0.53	ppb
Strontium	86-1	412.71	419.73	417.24	416.56	0.85	ppb
Strontium	88-1	421.45	423.12	422.44	422.34	0.20	ppb
Sulfur	34-1	4746.55	4974.16	4768.34	4829.68	2.60	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1955.21	1945.08	1986.07	1962.12	1.09	ppb
Thallium	205-1	1967.54	1951.23	1981.06	1966.61	0.76	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	16.96	ppb
Tin	118-1	727.78	742.97	734.80	735.18	1.03	ppb
Titanium	47-1	199.53	203.30	200.71	201.18	0.96	ppb
Uranium	238-1	2.78	2.75	2.79	2.77	0.64	ppb
Vanadium	51-2	299.58	300.57	300.95	300.37	0.24	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	468.62	473.40	470.42	470.81	0.51	ppb
Zirconium	90-1	7.99	8.01	8.08	8.03	0.56	ppb
Zirconium	91-1	8.20	8.22	8.54	8.32	2.32	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1851.65	1829.64	1824.27	1835.19	0.79	ppb
Antimony	121-1	819.08	827.96	813.72	820.25	0.88	ppb
Arsenic	75-1	1207.85	1223.92	1210.94	1214.23	0.70	ppb
Barium	135-1	485.95	493.66	488.24	489.28	0.81	ppb
Barium	137-1	486.22	491.65	489.26	489.05	0.56	ppb
Beryllium	9-1	190.87	189.95	187.84	189.55	0.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	319.90	325.27	325.26	323.47	0.96	ppb
Boron	11-1	316.56	324.81	324.47	321.95	1.45	ppb
Cadmium	111-1	198.07	199.20	196.91	198.06	0.58	ppb
Cadmium	106-1	162.16	164.60	161.99	162.92	0.90	ppb
Cadmium	108-1	175.46	175.61	171.92	174.33	1.20	ppb
Calcium	43-1	36199.39	35873.93	35955.96	36009.76	0.47	ppb
Calcium	44-1	36873.43	36647.64	36282.55	36601.20	0.81	ppb
Chromium	52-2	401.08	396.80	400.15	399.34	0.56	ppb
Cobalt	59-2	204.21	203.35	202.17	203.24	0.50	ppb
Copper	63-2	580.51	579.41	573.56	577.83	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	6119.49	6039.75	6005.70	6054.98	0.96	ppb
Iron	57-2	6086.03	6075.92	6053.21	6071.72	0.28	ppb
Krypton	83-1						cps
Lead	206-1	1022.71	1042.09	1034.85	1033.22	0.95	ppb
Lead	207-1	1025.21	1035.27	1025.62	1028.70	0.55	ppb
Lead	208-1	1021.81	1035.35	1023.48	1026.88	0.72	ppb
Lithium	6-1				115		%
Magnesium	24-2	16457.28	16480.88	16427.98	16455.38	0.16	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	210.42	211.52	209.92	210.62	0.39	ppb
Molybdenum	94-1	277.00	280.88	276.11	277.99	0.91	ppb
Molybdenum	95-1	381.58	387.37	378.95	382.63	1.13	ppb
Molybdenum	96-1	367.03	367.77	362.80	365.87	0.73	ppb
Molybdenum	97-1	377.92	378.13	373.70	376.58	0.66	ppb
Molybdenum	98-1	378.35	380.75	377.77	378.95	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.60	520.73	521.31	521.88	0.29	ppb
Phosphorus	31-2	6042.80	6024.87	6077.61	6048.43	0.44	ppb
Potassium	39-2	11166.04	11068.75	10924.69	11053.16	1.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	77-2	2009.88	2098.71	2005.53	2038.04	2.58	ppb
Selenium	78-2	2026.05	2055.37	2075.42	2052.28	1.21	ppb
Selenium	82-1	2004.79	2010.20	1999.04	2004.68	0.28	ppb
Silicon	28-1	10027.82	10138.23	10051.72	10072.59	0.58	ppb
Silver	109-1	74.25	74.85	73.94	74.35	0.62	ppb
Silver	107-1	74.02	75.55	74.71	74.76	1.02	ppb
Sodium	23-2	15342.50	15305.61	15306.55	15318.22	0.14	ppb
Strontium	86-1	416.35	416.65	412.67	415.22	0.53	ppb
Strontium	88-1	419.94	421.07	419.08	420.03	0.24	ppb
Sulfur	34-1	4779.96	4778.74	4626.18	4728.29	1.87	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1924.49	1969.20	1931.03	1941.57	1.24	ppb
Thallium	205-1	1917.61	1953.25	1940.09	1936.98	0.93	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.24	ppb
Tin	118-1	725.47	738.91	724.60	729.66	1.10	ppb
Titanium	47-1	199.05	202.63	198.74	200.14	1.08	ppb
Uranium	238-1	2.77	2.72	2.75	2.75	0.87	ppb
Vanadium	51-2	301.03	299.85	298.32	299.73	0.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	472.23	468.48	464.04	468.25	0.88	ppb
Zirconium	90-1	7.87	7.96	7.89	7.91	0.65	ppb
Zirconium	91-1	8.39	8.25	8.24	8.29	1.02	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51236.27	51258.67	51386.33	51293.75	0.16	ppb
Antimony	121-1	485.67	491.30	489.04	488.67	0.58	ppb
Arsenic	75-1	460.07	459.16	463.34	460.86	0.48	ppb
Barium	135-1	2521.46	2505.75	2511.17	2512.79	0.32	ppb
Barium	137-1	2507.04	2523.88	2500.45	2510.46	0.48	ppb
Beryllium	9-1	503.00	502.27	503.54	502.94	0.13	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	510.05	514.47	529.14	517.89	1.93	ppb
Boron	11-1	511.14	512.57	526.67	516.79	1.66	ppb
Cadmium	111-1	495.42	499.26	499.36	498.01	0.45	ppb
Cadmium	106-1	500.18	499.37	511.51	503.69	1.35	ppb
Cadmium	108-1	491.38	494.33	490.39	492.04	0.42	ppb
Calcium	43-1	240003.98	242287.50	241380.90	241224.13	0.48	ppb
Calcium	44-1	239029.20	239314.33	239395.51	239246.35	0.08	ppb
Chromium	52-2	498.58	501.23	495.98	498.59	0.53	ppb
Cobalt	59-2	472.54	472.49	469.71	471.58	0.34	ppb
Copper	63-2	982.56	983.77	976.89	981.08	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				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	124913.12	124258.35	123976.67	124382.71	0.39	ppb
Iron	57-2	124974.31	124798.63	125150.53	124974.49	0.14	ppb
Krypton	83-1						cps
Lead	206-1	504.08	511.21	504.70	506.66	0.78	ppb
Lead	207-1	495.84	503.57	503.17	500.86	0.87	ppb
Lead	208-1	502.69	508.79	505.53	505.67	0.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	240590.71	242634.76	242568.43	241931.30	0.48	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.20	964.31	961.28	964.60	0.36	ppb
Molybdenum	94-1	2471.00	2486.11	2473.37	2476.83	0.33	ppb
Molybdenum	95-1	2474.62	2496.32	2460.21	2477.05	0.73	ppb
Molybdenum	96-1	2500.58	2479.27	2465.07	2481.64	0.72	ppb
Molybdenum	97-1	2475.21	2474.50	2448.78	2466.16	0.61	ppb
Molybdenum	98-1	2481.05	2475.47	2476.33	2477.62	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.89	482.70	474.45	478.35	0.87	ppb
Phosphorus	31-2	10098.53	9864.19	9925.77	9962.83	1.22	ppb
Potassium	39-2	123933.07	123801.70	123528.52	123754.43	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	77-2	483.37	476.91	482.52	480.94	0.73	ppb
Selenium	78-2	482.50	495.47	486.93	488.30	1.35	ppb
Selenium	82-1	466.91	469.36	465.73	467.33	0.40	ppb
Silicon	28-1	612.92	618.50	621.62	617.68	0.71	ppb
Silver	109-1	497.03	496.78	493.99	495.93	0.34	ppb
Silver	107-1	495.72	498.11	497.26	497.03	0.24	ppb
Sodium	23-2	241893.43	243401.04	243531.66	242942.04	0.37	ppb
Strontium	86-1	488.40	495.99	487.68	490.69	0.94	ppb
Strontium	88-1	496.02	495.98	491.02	494.34	0.58	ppb
Sulfur	34-1	9455.07	9617.25	9580.22	9550.85	0.89	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	509.56	513.40	516.08	513.01	0.64	ppb
Thallium	205-1	513.44	527.37	514.26	518.36	1.51	ppb
Thorium	232-1	513.37	512.38	509.15	511.64	0.43	ppb
Tin	118-1	490.18	498.06	493.25	493.83	0.80	ppb
Titanium	47-1	2462.54	2499.53	2491.81	2484.63	0.79	ppb
Uranium	238-1	508.61	511.51	509.81	509.98	0.29	ppb
Vanadium	51-2	496.45	500.15	496.21	497.60	0.44	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.88	1013.38	1013.24	1011.50	0.31	ppb
Zirconium	90-1	497.89	501.99	501.04	500.31	0.43	ppb
Zirconium	91-1	489.25	497.27	497.62	494.71	0.96	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:41:32 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	2.23	2.19	1.99	19.17	ppb
Antimony	121-1	0.30	0.32	0.37	0.33	9.40	ppb
Arsenic	75-1	0.18	0.16	0.26	0.20	26.84	ppb
Barium	135-1	0.11	0.12	0.08	0.10	19.57	ppb
Barium	137-1	0.13	0.12	0.09	0.11	20.62	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	18.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	19.58	19.14	18.24	18.99	3.59	ppb
Boron	11-1	19.93	18.80	17.94	18.89	5.27	ppb
Cadmium	111-1	-0.09	-0.05	-0.11	-0.08		ppb
Cadmium	106-1	-1.67	-1.19	-1.93	-1.60		ppb
Cadmium	108-1	0.03	0.09	0.00	0.04	105.02	ppb
Calcium	43-1	9.12	6.98	6.22	7.44	20.23	ppb
Calcium	44-1	9.46	7.85	7.55	8.29	12.34	ppb
Chromium	52-2	0.04	0.02	0.02	0.03	48.63	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.45	ppb
Copper	63-2	-0.29	-0.32	-0.30	-0.30		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	5.24	5.03	5.12	5.13	2.08	ppb
Iron	57-2	5.30	5.00	6.17	5.49	11.06	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	42.39	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.42	ppb
Lead	208-1	0.03	0.04	0.03	0.03	12.17	ppb
Lithium	6-1				114		%
Magnesium	24-2	10.22	9.50	10.13	9.95	3.93	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:41:32	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.14	-0.14	-0.14		ppb
Molybdenum	94-1	0.19	0.21	0.24	0.22	12.00	ppb
Molybdenum	95-1	0.27	0.22	0.25	0.25	9.08	ppb
Molybdenum	96-1	0.21	0.21	0.19	0.20	5.04	ppb
Molybdenum	97-1	0.19	0.20	0.24	0.21	12.83	ppb
Molybdenum	98-1	0.22	0.22	0.20	0.21	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.02	0.03	27.29	ppb
Phosphorus	31-2	-31.18	-31.33	-31.28	-31.26		ppb
Potassium	39-2	17.02	14.71	16.96	16.23	8.11	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	-0.10	0.17	-0.10	-0.01		ppb
Selenium	78-2	0.66	0.30	0.61	0.53	37.27	ppb
Selenium	82-1	0.63	0.91	0.70	0.75	19.80	ppb
Silicon	28-1	3.05	2.80	2.32	2.72	13.67	ppb
Silver	109-1	0.04	0.03	0.04	0.04	15.60	ppb
Silver	107-1	0.04	0.04	0.03	0.04	8.26	ppb
Sodium	23-2	19.44	17.99	19.49	18.97	4.49	ppb
Strontium	86-1	0.02	0.01	0.06	0.03	76.10	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	8.37	ppb
Sulfur	34-1	-515.56	-499.01	-500.47	-505.01		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.29	0.26	0.27	5.14	ppb
Thallium	205-1	0.25	0.26	0.25	0.25	4.16	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	7.16	ppb
Tin	118-1	0.18	0.17	0.18	0.18	3.21	ppb
Titanium	47-1	0.13	0.09	0.11	0.11	18.95	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	31.20	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	8.89	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:41:32	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	0.01	0.07	0.04	76.53	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	10.90	ppb
Zirconium	91-1	0.03	0.06	0.05	0.04	31.61	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	2.46	2.32	2.44	4.56	ppb
Antimony	121-1	0.08	0.10	0.10	0.09	13.90	ppb
Arsenic	75-1	2.68	2.75	2.66	2.70	1.78	ppb
Barium	135-1	9.71	10.33	9.76	9.93	3.50	ppb
Barium	137-1	9.56	10.27	10.18	10.00	3.83	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	50.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	31.71	31.95	30.55	31.40	2.37	ppb
Boron	11-1	30.02	30.13	29.75	29.96	0.66	ppb
Cadmium	111-1	-0.16	-0.14	-0.21	-0.17		ppb
Cadmium	106-1	-2.35	-2.04	-2.91	-2.43		ppb
Cadmium	108-1	0.00	0.12	-0.02	0.03	226.53	ppb
Calcium	43-1	1252.95	1274.81	1240.28	1256.01	1.39	ppb
Calcium	44-1	1302.08	1287.88	1281.24	1290.40	0.83	ppb
Chromium	52-2	0.96	1.01	0.91	0.96	5.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	211.35	ppb
Copper	63-2	22.28	22.09	22.63	22.33	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	1.22	1.37	1.31	1.30	5.69	ppb
Iron	57-2	4.92	6.46	6.40	5.93	14.80	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.08	0.05	0.05	39.49	ppb
Lead	207-1	0.04	0.05	0.04	0.04	22.62	ppb
Lead	208-1	0.03	0.06	0.04	0.04	23.26	ppb
Lithium	6-1				111		%
Magnesium	24-2	1058.44	1066.09	1075.09	1066.54	0.78	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.13	0.12	0.17	0.14	18.65	ppb
Molybdenum	95-1	0.16	0.19	0.14	0.17	15.07	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	3.63	ppb
Molybdenum	97-1	0.15	0.14	0.17	0.15	12.16	ppb
Molybdenum	98-1	0.14	0.18	0.16	0.16	13.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.05	0.05	20.96	ppb
Phosphorus	31-2	2.95	-10.35	6.96	-0.15		ppb
Potassium	39-2	1153.02	1158.63	1164.12	1158.59	0.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	0.18	-0.10	0.17	0.08	193.15	ppb
Selenium	78-2	0.47	0.82	0.94	0.74	32.45	ppb
Selenium	82-1	0.75	1.40	0.76	0.97	38.48	ppb
Silicon	28-1	8749.59	8627.60	8562.91	8646.70	1.10	ppb
Silver	109-1	0.01	0.01	0.00	0.01	58.36	ppb
Silver	107-1	0.01	0.01	0.00	0.01	34.33	ppb
Sodium	23-2	82545.80	81921.20	81856.08	82107.69	0.46	ppb
Strontium	86-1	5.84	6.06	5.87	5.92	1.97	ppb
Strontium	88-1	5.83	5.89	5.78	5.83	0.96	ppb
Sulfur	34-1	4007.63	3886.96	3719.20	3871.26	3.74	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.11	0.11	0.11	4.21	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.96	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	25.05	ppb
Tin	118-1	0.08	0.15	0.11	0.11	28.36	ppb
Titanium	47-1	0.73	0.65	0.68	0.69	6.04	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	69.96	ppb
Vanadium	51-2	1.93	2.01	2.01	1.98	2.24	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.39	13.18	12.83	13.13	2.15	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.97	ppb
Zirconium	91-1	0.01	0.09	0.03	0.05	88.92	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.44	8.36	8.88	8.90	6.09	ppb
Antimony	121-1	0.07	0.09	0.10	0.09	17.29	ppb
Arsenic	75-1	2.84	2.80	2.87	2.84	1.13	ppb
Barium	135-1	359.07	357.40	360.20	358.89	0.39	ppb
Barium	137-1	360.52	355.95	357.54	358.00	0.65	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	17.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	28.52	27.97	28.47	28.32	1.08	ppb
Boron	11-1	28.45	28.44	28.01	28.30	0.89	ppb
Cadmium	111-1	-0.12	-0.07	-0.07	-0.09		ppb
Cadmium	106-1	-1.69	-1.16	-1.17	-1.34		ppb
Cadmium	108-1	0.09	0.09	0.02	0.07	61.76	ppb
Calcium	43-1	34172.55	34478.05	33921.73	34190.78	0.81	ppb
Calcium	44-1	34753.41	34703.86	35065.47	34840.91	0.56	ppb
Chromium	52-2	1.61	1.66	1.58	1.61	2.46	ppb
Cobalt	59-2	0.04	0.03	0.03	0.04	16.77	ppb
Copper	63-2	55.53	55.54	55.64	55.57	0.11	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				106		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	164.04	165.17	165.10	164.77	0.38	ppb
Iron	57-2	283.25	283.84	284.22	283.77	0.17	ppb
Krypton	83-1						cps
Lead	206-1	3.25	3.24	3.26	3.25	0.32	ppb
Lead	207-1	3.08	3.04	3.10	3.07	0.89	ppb
Lead	208-1	3.16	3.13	3.13	3.14	0.56	ppb
Lithium	6-1				110		%
Magnesium	24-2	16910.26	17027.64	16796.86	16911.59	0.68	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.58	3.66	3.65	3.63	1.24	ppb
Molybdenum	94-1	0.12	0.10	0.10	0.11	9.01	ppb
Molybdenum	95-1	0.12	0.10	0.12	0.11	8.08	ppb
Molybdenum	96-1	0.09	0.10	0.10	0.10	2.49	ppb
Molybdenum	97-1	0.09	0.07	0.11	0.09	17.17	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.36	0.37	0.36	1.77	ppb
Phosphorus	31-2	-4.73	1.75	-6.82	-3.26		ppb
Potassium	39-2	926.18	940.13	920.76	929.03	1.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	77-2	-0.10	0.72	-0.10	0.17	275.27	ppb
Selenium	78-2	0.44	0.48	0.15	0.36	50.65	ppb
Selenium	82-1	1.04	1.37	1.35	1.26	14.71	ppb
Silicon	28-1	9111.05	9081.38	9171.17	9121.20	0.50	ppb
Silver	109-1	0.02	0.01	0.02	0.02	18.67	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.34	ppb
Sodium	23-2	8889.22	8978.08	8818.68	8895.33	0.90	ppb
Strontium	86-1	152.78	154.54	154.74	154.02	0.70	ppb
Strontium	88-1	156.74	157.80	157.78	157.44	0.38	ppb
Sulfur	34-1	3063.65	2933.33	3063.48	3020.15	2.49	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.08	0.06	0.07	14.63	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	10.22	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.62	ppb
Tin	118-1	1.30	1.30	1.29	1.29	0.26	ppb
Titanium	47-1	0.88	0.77	0.87	0.84	7.60	ppb
Uranium	238-1	2.22	2.22	2.27	2.23	1.22	ppb
Vanadium	51-2	2.29	2.44	2.39	2.37	3.26	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.79	60.18	58.32	59.10	1.64	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	61.59	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	87.51	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.11	17.45	17.01	16.85	4.06	ppb
Antimony	121-1	0.18	0.17	0.20	0.18	8.20	ppb
Arsenic	75-1	0.86	0.80	0.79	0.82	5.16	ppb
Barium	135-1	29.60	29.71	30.59	29.97	1.83	ppb
Barium	137-1	29.78	29.50	30.36	29.88	1.47	ppb
Beryllium	9-1	0.08	0.11	0.10	0.09	17.24	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	50.57	52.48	52.49	51.85	2.13	ppb
Boron	11-1	50.62	52.54	52.28	51.81	2.01	ppb
Cadmium	111-1	-0.08	-0.08	-0.03	-0.06		ppb
Cadmium	106-1	-1.31	-1.32	-0.69	-1.11		ppb
Cadmium	108-1	-0.01	0.13	0.05	0.06	126.80	ppb
Calcium	43-1	82858.42	83539.31	83568.85	83322.19	0.48	ppb
Calcium	44-1	83895.79	84664.79	84823.25	84461.27	0.59	ppb
Chromium	52-2	6.69	6.65	6.63	6.66	0.42	ppb
Cobalt	59-2	0.22	0.21	0.19	0.21	6.17	ppb
Copper	63-2	257.83	259.10	258.22	258.38	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	923.14	922.20	919.82	921.72	0.19	ppb
Iron	57-2	1234.23	1226.55	1214.40	1225.06	0.82	ppb
Krypton	83-1						cps
Lead	206-1	12.55	12.58	12.67	12.60	0.51	ppb
Lead	207-1	12.19	12.23	12.11	12.18	0.51	ppb
Lead	208-1	12.40	12.40	12.41	12.40	0.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	20400.65	20438.42	20363.65	20400.91	0.18	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.16	30.36	29.74	30.09	1.05	ppb
Molybdenum	94-1	0.23	0.26	0.24	0.24	6.48	ppb
Molybdenum	95-1	0.30	0.32	0.31	0.31	2.76	ppb
Molybdenum	96-1	0.28	0.30	0.31	0.30	5.07	ppb
Molybdenum	97-1	0.25	0.34	0.30	0.30	15.04	ppb
Molybdenum	98-1	0.30	0.28	0.28	0.29	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.33	3.45	3.25	3.34	3.04	ppb
Phosphorus	31-2	-24.55	-19.78	-26.69	-23.67		ppb
Potassium	39-2	3123.01	3136.90	3088.51	3116.14	0.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	77-2	0.71	-0.10	-0.10	0.17	276.10	ppb
Selenium	78-2	0.56	0.33	0.87	0.59	46.76	ppb
Selenium	82-1	2.07	1.52	1.42	1.67	20.75	ppb
Silicon	28-1	7531.54	7666.98	7615.19	7604.57	0.90	ppb
Silver	109-1	0.03	0.03	0.04	0.03	22.97	ppb
Silver	107-1	0.02	0.03	0.03	0.03	15.69	ppb
Sodium	23-2	124466.02	124600.66	124090.71	124385.80	0.21	ppb
Strontium	86-1	154.61	152.37	154.40	153.79	0.81	ppb
Strontium	88-1	155.85	156.04	156.67	156.19	0.27	ppb
Sulfur	34-1	11061.91	11353.69	11196.11	11203.90	1.30	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.10	0.08	0.09	7.19	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	9.46	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.52	ppb
Tin	118-1	6.57	6.50	6.58	6.55	0.65	ppb
Titanium	47-1	0.57	0.78	0.77	0.71	16.56	ppb
Uranium	238-1	0.68	0.67	0.71	0.68	2.80	ppb
Vanadium	51-2	0.05	0.03	0.04	0.04	32.49	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	265.50	264.61	264.12	264.74	0.26	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.81	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	6.64	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.21	3.22	2.70	3.04	9.68	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	6.85	ppb
Arsenic	75-1	0.70	0.67	0.81	0.73	9.85	ppb
Barium	135-1	0.69	0.71	0.72	0.71	2.47	ppb
Barium	137-1	0.73	0.72	0.67	0.71	3.98	ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	50.56	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	15.18	14.74	15.99	15.30	4.14	ppb
Boron	11-1	15.13	14.68	15.21	15.01	1.91	ppb
Cadmium	111-1	-0.07	-0.08	-0.02	-0.06		ppb
Cadmium	106-1	-0.94	-1.05	-0.22	-0.73		ppb
Cadmium	108-1	0.08	0.02	0.09	0.06	62.14	ppb
Calcium	43-1	186.84	187.83	186.47	187.05	0.38	ppb
Calcium	44-1	262.87	265.04	265.61	264.51	0.55	ppb
Chromium	52-2	0.66	0.70	0.65	0.67	4.03	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	64.50	ppb
Copper	63-2	27.17	27.13	27.78	27.36	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	3.72	3.64	3.68	3.68	1.05	ppb
Iron	57-2	4.95	5.24	6.35	5.51	13.49	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.58	0.59	0.58	1.53	ppb
Lead	207-1	0.53	0.59	0.56	0.56	5.86	ppb
Lead	208-1	0.56	0.57	0.58	0.57	2.00	ppb
Lithium	6-1				111		%
Magnesium	24-2	61.27	60.63	61.51	61.13	0.74	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.75	2.64	2.62	2.67	2.51	ppb
Molybdenum	94-1	0.06	0.06	0.05	0.06	4.62	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	10.42	ppb
Molybdenum	96-1	0.03	0.05	0.06	0.04	28.22	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.06	12.75	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	7.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.20	0.23	0.22	5.24	ppb
Phosphorus	31-2	-27.63	-20.72	-6.80	-18.38		ppb
Potassium	39-2	160.47	157.09	159.13	158.90	1.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	77-2	0.71	0.17	0.45	0.44	61.28	ppb
Selenium	78-2	0.79	0.74	0.86	0.79	7.30	ppb
Selenium	82-1	1.42	0.82	1.69	1.31	34.03	ppb
Silicon	28-1	17609.28	17351.46	17786.91	17582.55	1.25	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.55	ppb
Silver	107-1	0.02	0.03	0.03	0.03	3.89	ppb
Sodium	23-2	226339.31	225458.63	227026.59	226274.84	0.35	ppb
Strontium	86-1	0.58	0.52	0.54	0.54	5.90	ppb
Strontium	88-1	0.55	0.53	0.56	0.55	2.27	ppb
Sulfur	34-1	10562.55	10335.15	10459.43	10452.38	1.09	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.08	0.07	19.94	ppb
Thallium	205-1	0.08	0.05	0.07	0.07	17.74	ppb
Thorium	232-1	0.00	0.01	0.02	0.01	69.55	ppb
Tin	118-1	0.18	0.18	0.19	0.18	4.19	ppb
Titanium	47-1	1.44	1.33	1.42	1.40	4.30	ppb
Uranium	238-1	0.07	0.06	0.06	0.07	7.62	ppb
Vanadium	51-2	8.47	8.38	8.37	8.41	0.69	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.42	26.08	26.03	26.18	0.80	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	68.33	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	113.77	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.50	5.57	5.07	5.38	5.12	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	16.32	ppb
Arsenic	75-1	1.36	1.27	1.21	1.28	6.12	ppb
Barium	135-1	0.32	0.38	0.33	0.34	8.79	ppb
Barium	137-1	0.35	0.36	0.38	0.36	4.20	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	66.92	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	14.51	15.33	14.07	14.64	4.38	ppb
Boron	11-1	14.75	14.67	14.42	14.61	1.18	ppb
Cadmium	111-1	-0.15	-0.17	-0.10	-0.14		ppb
Cadmium	106-1	-2.02	-2.22	-1.30	-1.85		ppb
Cadmium	108-1	0.00	-0.04	0.06	0.01	538.93	ppb
Calcium	43-1	161.78	166.07	164.02	163.96	1.31	ppb
Calcium	44-1	189.36	189.60	182.19	187.05	2.25	ppb
Chromium	52-2	0.75	0.81	0.77	0.78	3.51	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	55.86	ppb
Copper	63-2	114.65	117.10	115.25	115.66	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	4.49	4.53	4.34	4.46	2.22	ppb
Iron	57-2	5.72	5.70	5.98	5.80	2.74	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.17	0.12	0.14	17.90	ppb
Lead	207-1	0.14	0.15	0.12	0.14	10.80	ppb
Lead	208-1	0.15	0.15	0.13	0.14	6.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	51.66	52.73	50.49	51.63	2.18	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.51	2.57	2.48	2.52	1.94	ppb
Molybdenum	94-1	0.09	0.12	0.09	0.10	19.39	ppb
Molybdenum	95-1	0.11	0.11	0.10	0.11	4.51	ppb
Molybdenum	96-1	0.09	0.10	0.12	0.10	15.73	ppb
Molybdenum	97-1	0.08	0.10	0.09	0.09	10.20	ppb
Molybdenum	98-1	0.12	0.10	0.11	0.11	9.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.06	0.09	0.07	22.11	ppb
Phosphorus	31-2	31.40	28.31	20.42	26.71	21.20	ppb
Potassium	39-2	772.99	791.96	768.70	777.89	1.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	0.17	0.45	0.17	0.27	60.47	ppb
Selenium	78-2	0.78	0.33	1.18	0.76	55.93	ppb
Selenium	82-1	1.63	1.36	1.50	1.50	9.09	ppb
Silicon	28-1	6659.41	6640.20	6587.02	6628.88	0.57	ppb
Silver	109-1	0.03	0.03	0.04	0.03	3.74	ppb
Silver	107-1	0.03	0.03	0.04	0.03	11.61	ppb
Sodium	23-2	183869.40	185573.64	184022.46	184488.50	0.51	ppb
Strontium	86-1	0.47	0.50	0.44	0.47	7.35	ppb
Strontium	88-1	0.46	0.43	0.45	0.45	3.08	ppb
Sulfur	34-1	3985.70	3965.70	3765.04	3905.48	3.12	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	1.61	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	6.78	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.75	ppb
Tin	118-1	0.09	0.08	0.09	0.09	8.62	ppb
Titanium	47-1	0.65	0.62	0.56	0.61	7.95	ppb
Uranium	238-1	0.19	0.19	0.20	0.19	0.74	ppb
Vanadium	51-2	0.31	0.34	0.29	0.31	8.03	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.25	6.20	6.23	6.23	0.41	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	64.72	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	84.96	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.32	92.96	102.28	96.85	5.00	ppb
Antimony	121-1	0.39	0.39	0.38	0.38	1.28	ppb
Arsenic	75-1	1.34	1.70	1.48	1.50	12.03	ppb
Barium	135-1	56.66	56.37	54.75	55.93	1.84	ppb
Barium	137-1	56.31	55.80	54.41	55.51	1.78	ppb
Beryllium	9-1	0.20	0.20	0.22	0.20	4.72	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	25.39	25.43	25.03	25.28	0.87	ppb
Boron	11-1	26.92	27.00	24.86	26.26	4.62	ppb
Cadmium	111-1	0.09	0.12	0.08	0.10	22.77	ppb
Cadmium	106-1	-0.81	-0.34	-1.05	-0.73		ppb
Cadmium	108-1	0.31	0.39	0.28	0.33	17.91	ppb
Calcium	43-1	54116.31	54378.48	53339.35	53944.71	1.00	ppb
Calcium	44-1	54941.38	55524.86	54109.72	54858.65	1.30	ppb
Chromium	52-2	2.69	2.52	2.81	2.67	5.41	ppb
Cobalt	59-2	0.43	0.42	0.46	0.44	4.84	ppb
Copper	63-2	361.67	343.13	366.01	356.94	3.40	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				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	96.11	93.19	100.09	96.46	3.59	ppb
Iron	57-2	293.05	277.56	299.36	289.99	3.87	ppb
Krypton	83-1						cps
Lead	206-1	11.61	11.50	11.17	11.43	1.98	ppb
Lead	207-1	11.17	11.05	10.83	11.01	1.57	ppb
Lead	208-1	11.33	11.19	10.99	11.17	1.52	ppb
Lithium	6-1				109		%
Magnesium	24-2	15592.58	14754.74	15851.03	15399.45	3.72	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	92.58	87.58	94.26	91.47	3.80	ppb
Molybdenum	94-1	0.15	0.19	0.18	0.17	12.37	ppb
Molybdenum	95-1	0.18	0.23	0.20	0.20	12.39	ppb
Molybdenum	96-1	0.19	0.18	0.19	0.19	4.15	ppb
Molybdenum	97-1	0.21	0.17	0.18	0.19	9.87	ppb
Molybdenum	98-1	0.17	0.18	0.19	0.18	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.47	4.55	4.64	4.56	1.87	ppb
Phosphorus	31-2	-20.71	-27.42	-15.53	-21.22		ppb
Potassium	39-2	2026.30	1933.69	2080.82	2013.60	3.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	77-2	3.40	4.54	2.09	3.34	36.61	ppb
Selenium	78-2	1.90	1.19	0.95	1.35	36.63	ppb
Selenium	82-1	1.12	1.98	1.76	1.62	27.60	ppb
Silicon	28-1	6195.09	6248.38	6088.77	6177.41	1.32	ppb
Silver	109-1	0.07	0.06	0.07	0.07	6.91	ppb
Silver	107-1	0.06	0.07	0.06	0.06	8.31	ppb
Sodium	23-2	332502.37	317282.84	339199.24	329661.48	3.41	ppb
Strontium	86-1	419.87	421.11	404.84	415.28	2.18	ppb
Strontium	88-1	426.42	427.53	415.66	423.20	1.55	ppb
Sulfur	34-1	12350.38	12371.69	12031.23	12251.10	1.56	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.07	0.08	0.08	8.56	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	5.61	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	21.53	ppb
Tin	118-1	1.64	1.71	1.95	1.77	9.32	ppb
Titanium	47-1	0.64	0.57	0.59	0.60	6.58	ppb
Uranium	238-1	0.14	0.16	0.14	0.14	6.96	ppb
Vanadium	51-2	0.11	0.09	0.11	0.11	12.66	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	539.35	514.75	544.53	532.88	2.99	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	54.99	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	19.39	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	114.32	117.83	117.05	116.40	1.58	ppb
Antimony	121-1	0.16	0.15	0.17	0.16	3.48	ppb
Arsenic	75-1	0.61	0.56	0.47	0.55	13.19	ppb
Barium	135-1	8.34	8.60	8.43	8.46	1.52	ppb
Barium	137-1	8.31	8.39	8.43	8.38	0.74	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	38.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	13.93	14.65	14.39	14.32	2.56	ppb
Boron	11-1	13.88	14.35	14.39	14.21	2.02	ppb
Cadmium	111-1	-0.03	-0.01	-0.04	-0.02		ppb
Cadmium	106-1	-0.90	-0.69	-1.05	-0.88		ppb
Cadmium	108-1	0.24	0.15	0.10	0.16	42.96	ppb
Calcium	43-1	12307.40	12166.40	12230.03	12234.61	0.58	ppb
Calcium	44-1	12591.02	12448.80	12492.40	12510.74	0.58	ppb
Chromium	52-2	0.20	0.17	0.17	0.18	10.19	ppb
Cobalt	59-2	1.11	1.08	1.09	1.10	1.44	ppb
Copper	63-2	294.07	294.44	294.62	294.37	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	199.82	196.87	198.57	198.42	0.75	ppb
Iron	57-2	237.62	236.81	246.24	240.22	2.18	ppb
Krypton	83-1						cps
Lead	206-1	51.22	51.57	51.89	51.56	0.65	ppb
Lead	207-1	47.67	47.89	47.59	47.72	0.32	ppb
Lead	208-1	49.24	49.44	49.16	49.28	0.29	ppb
Lithium	6-1				116		%
Magnesium	24-2	4364.63	4321.69	4317.59	4334.64	0.60	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	225.05	223.65	222.52	223.74	0.57	ppb
Molybdenum	94-1	1.36	1.35	1.33	1.35	1.35	ppb
Molybdenum	95-1	0.17	0.14	0.13	0.15	13.09	ppb
Molybdenum	96-1	0.25	0.28	0.30	0.28	9.04	ppb
Molybdenum	97-1	0.12	0.13	0.14	0.13	7.43	ppb
Molybdenum	98-1	0.13	0.15	0.15	0.14	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.48	1.65	1.57	5.26	ppb
Phosphorus	31-2	655.83	640.51	645.02	647.12	1.22	ppb
Potassium	39-2	805.36	805.25	801.33	803.98	0.29	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	77-2	0.16	0.69	-0.10	0.25	160.58	ppb
Selenium	78-2	0.51	0.15	0.07	0.24	96.26	ppb
Selenium	82-1	1.15	1.43	1.21	1.26	11.93	ppb
Silicon	28-1	2034.25	2023.93	2028.12	2028.77	0.26	ppb
Silver	109-1	0.04	0.04	0.03	0.04	15.90	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.12	ppb
Sodium	23-2	26831.73	26794.82	26567.54	26731.36	0.54	ppb
Strontium	86-1	34.78	34.37	34.98	34.71	0.89	ppb
Strontium	88-1	34.17	34.65	34.73	34.52	0.89	ppb
Sulfur	34-1	2298.56	2158.41	2221.63	2226.20	3.15	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.68	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.28	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	22.01	ppb
Tin	118-1	1.09	1.14	1.14	1.12	2.44	ppb
Titanium	47-1	4.31	4.24	3.99	4.18	3.94	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.78	ppb
Vanadium	51-2	0.10	0.11	0.14	0.12	15.50	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	189.45	189.02	191.67	190.05	0.75	ppb
Zirconium	90-1	0.84	0.83	0.79	0.82	3.38	ppb
Zirconium	91-1	0.79	0.83	0.85	0.82	3.50	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	193.18	187.56	195.94	192.23	2.22	ppb
Antimony	121-1	0.18	0.19	0.20	0.19	3.49	ppb
Arsenic	75-1	0.34	0.45	0.44	0.41	15.90	ppb
Barium	135-1	7.92	7.86	7.82	7.87	0.65	ppb
Barium	137-1	7.91	7.96	7.96	7.94	0.40	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	34.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	10.20	10.28	9.98	10.15	1.50	ppb
Boron	11-1	10.77	11.05	10.61	10.81	2.06	ppb
Cadmium	111-1	0.05	-0.04	-0.04	-0.01		ppb
Cadmium	106-1	0.26	-0.78	-0.85	-0.46		ppb
Cadmium	108-1	0.11	0.18	0.21	0.17	29.15	ppb
Calcium	43-1	12971.51	13270.43	13249.00	13163.65	1.27	ppb
Calcium	44-1	13424.72	13494.58	13486.53	13468.61	0.28	ppb
Chromium	52-2	0.15	0.15	0.17	0.16	8.99	ppb
Cobalt	59-2	0.08	0.07	0.07	0.07	8.00	ppb
Copper	63-2	48.35	48.42	48.86	48.54	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				111		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	610.71	615.08	614.91	613.57	0.40	ppb
Iron	57-2	659.09	669.06	660.74	662.96	0.81	ppb
Krypton	83-1						cps
Lead	206-1	1269.51	1285.23	1270.32	1275.02	0.69	ppb
Lead	207-1	1140.76	1135.83	1139.10	1138.56	0.22	ppb
Lead	208-1	1183.69	1185.56	1183.57	1184.27	0.09	ppb
Lithium	6-1				116		%
Magnesium	24-2	4041.96	4058.39	4069.87	4056.74	0.35	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	132.06	132.43	132.38	132.29	0.15	ppb
Molybdenum	94-1	1.46	1.56	1.47	1.50	3.63	ppb
Molybdenum	95-1	0.20	0.20	0.18	0.19	5.01	ppb
Molybdenum	96-1	0.36	0.34	0.35	0.35	2.74	ppb
Molybdenum	97-1	0.17	0.18	0.19	0.18	6.69	ppb
Molybdenum	98-1	0.17	0.18	0.20	0.18	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.81	0.74	0.76	5.94	ppb
Phosphorus	31-2	841.82	802.22	844.77	829.60	2.86	ppb
Potassium	39-2	777.48	805.87	800.83	794.73	1.91	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	77-2	-0.10	-0.10	0.16	-0.01		ppb
Selenium	78-2	0.38	0.20	0.24	0.27	33.72	ppb
Selenium	82-1	0.95	0.92	1.18	1.02	13.95	ppb
Silicon	28-1	2966.59	3063.50	2992.34	3007.47	1.67	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.06	ppb
Silver	107-1	0.05	0.04	0.03	0.04	16.06	ppb
Sodium	23-2	26388.09	26554.35	26679.17	26540.54	0.55	ppb
Strontium	86-1	36.26	36.25	37.08	36.53	1.29	ppb
Strontium	88-1	36.05	36.04	36.35	36.15	0.50	ppb
Sulfur	34-1	2373.56	2595.18	2396.17	2454.97	4.97	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.45	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	4.86	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.27	ppb
Tin	118-1	15.40	15.02	15.30	15.24	1.30	ppb
Titanium	47-1	3.24	3.32	3.23	3.26	1.51	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	9.07	ppb
Vanadium	51-2	1.25	1.32	1.30	1.29	2.81	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	222.22	224.18	226.43	224.28	0.94	ppb
Zirconium	90-1	0.89	0.91	0.87	0.89	2.54	ppb
Zirconium	91-1	0.94	0.95	0.86	0.91	5.32	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.32	5.05	5.06	4.81	8.81	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	2.28	ppb
Arsenic	75-1	0.37	0.42	0.29	0.36	18.60	ppb
Barium	135-1	29.71	30.19	30.66	30.18	1.58	ppb
Barium	137-1	29.49	29.96	29.55	29.67	0.86	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	9.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	5.06	5.47	5.70	5.41	6.04	ppb
Boron	11-1	5.66	5.84	4.98	5.49	8.18	ppb
Cadmium	111-1	0.07	0.02	-0.02	0.02	189.52	ppb
Cadmium	106-1	-0.57	-1.06	-1.72	-1.12		ppb
Cadmium	108-1	0.04	0.06	0.18	0.09	80.42	ppb
Calcium	43-1	28661.28	28766.03	28934.23	28787.18	0.48	ppb
Calcium	44-1	29279.85	29586.54	29672.99	29513.13	0.70	ppb
Chromium	52-2	0.75	0.75	0.76	0.75	0.68	ppb
Cobalt	59-2	0.10	0.10	0.09	0.10	3.98	ppb
Copper	63-2	123.15	123.57	124.69	123.80	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				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	215.03	216.64	220.63	217.43	1.33	ppb
Iron	57-2	319.95	325.66	326.54	324.05	1.10	ppb
Krypton	83-1						cps
Lead	206-1	7.06	6.94	6.85	6.95	1.50	ppb
Lead	207-1	6.88	6.71	6.64	6.74	1.80	ppb
Lead	208-1	6.85	6.77	6.73	6.78	0.90	ppb
Lithium	6-1				116		%
Magnesium	24-2	17044.23	17205.18	17183.14	17144.18	0.51	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	54.65	55.38	55.83	55.29	1.08	ppb
Molybdenum	94-1	0.19	0.16	0.21	0.19	11.87	ppb
Molybdenum	95-1	0.21	0.24	0.22	0.22	7.47	ppb
Molybdenum	96-1	0.20	0.20	0.22	0.21	6.42	ppb
Molybdenum	97-1	0.25	0.24	0.20	0.23	11.98	ppb
Molybdenum	98-1	0.20	0.21	0.20	0.20	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.39	3.09	3.34	3.27	4.77	ppb
Phosphorus	31-2	-10.90	-10.87	-7.60	-9.79		ppb
Potassium	39-2	1650.75	1667.64	1681.40	1666.60	0.92	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	77-2	-0.10	0.42	0.42	0.25	121.75	ppb
Selenium	78-2	0.84	1.15	-0.34	0.55	142.37	ppb
Selenium	82-1	1.02	0.99	1.20	1.07	10.41	ppb
Silicon	28-1	7532.67	7551.03	7392.13	7491.94	1.16	ppb
Silver	109-1	0.06	0.06	0.07	0.06	10.93	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.62	ppb
Sodium	23-2	5396.89	5438.36	5428.93	5421.39	0.40	ppb
Strontium	86-1	30.91	30.62	31.22	30.92	0.97	ppb
Strontium	88-1	30.58	30.91	30.62	30.70	0.59	ppb
Sulfur	34-1	615.96	672.15	619.40	635.83	4.95	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.03	0.03	0.03	17.98	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	29.06	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	143.39	ppb
Tin	118-1	0.84	0.86	0.84	0.85	1.28	ppb
Titanium	47-1	0.65	0.60	0.68	0.64	6.36	ppb
Uranium	238-1	0.26	0.25	0.25	0.26	1.67	ppb
Vanadium	51-2	0.35	0.34	0.35	0.35	2.11	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	69.91	68.85	70.41	69.72	1.14	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	171.73	ppb
Zirconium	91-1	0.01	-0.01	0.04	0.01	238.20	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.29	9.46	10.03	9.60	4.03	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	14.89	ppb
Arsenic	75-1	0.70	0.64	0.68	0.67	4.41	ppb
Barium	135-1	280.82	281.49	286.71	283.01	1.14	ppb
Barium	137-1	281.41	279.82	284.48	281.90	0.84	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	9.32	9.01	10.79	9.71	9.77	ppb
Boron	11-1	9.42	9.37	9.80	9.53	2.49	ppb
Cadmium	111-1	-0.10	-0.10	-0.10	-0.10		ppb
Cadmium	106-1	-1.34	-1.22	-1.26	-1.27		ppb
Cadmium	108-1	0.03	0.04	0.00	0.03	79.52	ppb
Calcium	43-1	16028.64	15812.41	16235.85	16025.63	1.32	ppb
Calcium	44-1	16327.29	16100.69	16516.23	16314.74	1.28	ppb
Chromium	52-2	0.71	0.65	0.64	0.67	5.30	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	43.95	ppb
Copper	63-2	20.08	20.37	20.68	20.38	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	506.03	510.16	511.32	509.17	0.55	ppb
Iron	57-2	564.77	577.50	569.85	570.71	1.12	ppb
Krypton	83-1						cps
Lead	206-1	4.39	4.45	4.57	4.47	2.02	ppb
Lead	207-1	4.15	4.20	4.26	4.21	1.33	ppb
Lead	208-1	4.25	4.30	4.41	4.32	1.96	ppb
Lithium	6-1				115		%
Magnesium	24-2	7994.66	8068.05	7903.29	7988.66	1.03	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.39	0.48	0.55	0.47	17.17	ppb
Molybdenum	94-1	0.03	0.02	0.05	0.03	41.50	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	5.71	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	12.46	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.03	31.81	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.85	0.82	0.83	1.79	ppb
Phosphorus	31-2	57.75	75.36	85.48	72.86	19.26	ppb
Potassium	39-2	1618.55	1603.85	1625.72	1616.04	0.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	77-2	0.17	-0.10	-0.10	-0.01		ppb
Selenium	78-2	0.37	-0.02	0.30	0.22	96.28	ppb
Selenium	82-1	1.09	0.97	1.20	1.09	10.47	ppb
Silicon	28-1	11086.26	10850.46	11188.04	11041.58	1.57	ppb
Silver	109-1	0.01	0.02	0.02	0.02	18.23	ppb
Silver	107-1	0.02	0.01	0.02	0.01	19.06	ppb
Sodium	23-2	13114.44	13086.79	12961.97	13054.40	0.62	ppb
Strontium	86-1	150.75	147.40	151.02	149.72	1.35	ppb
Strontium	88-1	151.89	152.17	154.31	152.79	0.86	ppb
Sulfur	34-1	1960.16	1893.92	2059.10	1971.06	4.22	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.02	0.02	23.83	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.11	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	224.56	ppb
Tin	118-1	1.32	1.30	1.35	1.33	1.76	ppb
Titanium	47-1	0.86	0.95	0.85	0.89	6.06	ppb
Uranium	238-1	0.07	0.06	0.08	0.07	9.74	ppb
Vanadium	51-2	0.48	0.44	0.45	0.46	3.62	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.15	8.95	9.03	9.04	1.12	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	56.60	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	181.75	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48664.19	48928.14	48796.91	48796.41	0.27	ppb
Antimony	121-1	467.62	470.93	469.20	469.25	0.35	ppb
Arsenic	75-1	452.76	448.19	449.54	450.17	0.52	ppb
Barium	135-1	2412.20	2429.64	2434.00	2425.28	0.48	ppb
Barium	137-1	2403.21	2414.47	2406.82	2408.17	0.24	ppb
Beryllium	9-1	482.25	486.39	485.70	484.78	0.46	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	472.52	480.23	484.57	479.10	1.27	ppb
Boron	11-1	463.60	485.70	490.02	479.77	2.95	ppb
Cadmium	111-1	485.95	490.68	492.93	489.85	0.73	ppb
Cadmium	106-1	496.03	498.48	501.08	498.53	0.51	ppb
Cadmium	108-1	486.86	490.56	489.93	489.12	0.40	ppb
Calcium	43-1	230699.54	225918.63	225574.88	227397.68	1.26	ppb
Calcium	44-1	229323.23	225840.84	223597.74	226253.94	1.28	ppb
Chromium	52-2	470.19	477.60	471.84	473.21	0.82	ppb
Cobalt	59-2	487.26	489.09	489.77	488.71	0.27	ppb
Copper	63-2	944.05	947.52	954.39	948.65	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	114792.60	114650.95	114194.27	114545.94	0.27	ppb
Iron	57-2	114090.31	114419.34	114728.34	114412.66	0.28	ppb
Krypton	83-1						cps
Lead	206-1	485.45	490.95	486.66	487.69	0.59	ppb
Lead	207-1	474.69	481.50	475.19	477.13	0.80	ppb
Lead	208-1	481.41	486.64	483.06	483.70	0.55	ppb
Lithium	6-1				114		%
Magnesium	24-2	231455.77	229738.69	229850.06	230348.17	0.42	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	911.22	924.56	911.69	915.82	0.83	ppb
Molybdenum	94-1	2372.16	2389.00	2368.24	2376.46	0.46	ppb
Molybdenum	95-1	2379.88	2371.50	2368.87	2373.42	0.24	ppb
Molybdenum	96-1	2381.94	2388.09	2376.41	2382.15	0.25	ppb
Molybdenum	97-1	2367.38	2368.20	2359.17	2364.92	0.21	ppb
Molybdenum	98-1	2366.06	2389.38	2391.97	2382.47	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.69	457.86	456.09	455.88	0.46	ppb
Phosphorus	31-2	9736.11	9838.79	9780.59	9785.16	0.53	ppb
Potassium	39-2	114729.52	115862.27	115127.51	115239.77	0.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				120		%
Scandium	45-2				128		%
Selenium	77-2	494.00	499.54	521.74	505.09	2.91	ppb
Selenium	78-2	506.33	495.61	511.44	504.46	1.60	ppb
Selenium	82-1	486.23	495.42	490.49	490.71	0.94	ppb
Silicon	28-1	550.03	556.14	562.03	556.07	1.08	ppb
Silver	109-1	491.12	495.81	494.29	493.74	0.48	ppb
Silver	107-1	494.97	495.81	495.43	495.40	0.08	ppb
Sodium	23-2	231582.26	233241.81	232098.42	232307.50	0.37	ppb
Strontium	86-1	472.06	474.48	471.06	472.53	0.37	ppb
Strontium	88-1	473.24	478.82	477.24	476.44	0.60	ppb
Sulfur	34-1	9612.58	9349.47	9349.80	9437.29	1.61	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	490.94	497.73	498.58	495.75	0.84	ppb
Thallium	205-1	504.36	506.01	501.06	503.81	0.50	ppb
Thorium	232-1	486.86	486.88	485.47	486.40	0.17	ppb
Tin	118-1	473.53	474.07	476.63	474.75	0.35	ppb
Titanium	47-1	2364.78	2354.71	2341.11	2353.53	0.50	ppb
Uranium	238-1	482.02	489.15	481.67	484.28	0.87	ppb
Vanadium	51-2	484.95	488.70	485.14	486.26	0.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				117		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	971.56	977.28	972.04	973.63	0.33	ppb
Zirconium	90-1	478.44	480.95	482.21	480.54	0.40	ppb
Zirconium	91-1	467.82	479.08	473.72	473.54	1.19	ppb

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 14:50:38 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.76	3.81	2.93	3.83	23.90	ppb
Antimony	121-1	0.34	0.40	0.42	0.39	12.00	ppb
Arsenic	75-1	0.24	0.22	0.19	0.22	10.11	ppb
Barium	135-1	0.25	0.21	0.25	0.24	11.63	ppb
Barium	137-1	0.26	0.26	0.24	0.25	5.66	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	13.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	21.03	20.45	20.04	20.51	2.42	ppb
Boron	11-1	21.87	19.93	18.97	20.26	7.28	ppb
Cadmium	111-1	0.03	-0.04	-0.11	-0.04		ppb
Cadmium	106-1	-0.77	-1.37	-2.11	-1.42		ppb
Cadmium	108-1	0.06	0.07	0.02	0.05	56.39	ppb
Calcium	43-1	22.62	23.08	23.80	23.16	2.55	ppb
Calcium	44-1	23.99	23.87	22.77	23.54	2.84	ppb
Chromium	52-2	0.04	0.02	0.03	0.03	27.34	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	16.71	ppb
Copper	63-2	-0.44	-0.42	-0.40	-0.42		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	56-2	9.91	9.31	8.54	9.25	7.38	ppb
Iron	57-2	10.40	9.85	7.73	9.33	15.10	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.05	25.06	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.66	ppb
Lead	208-1	0.04	0.04	0.04	0.04	5.52	ppb
Lithium	6-1				120		%
Magnesium	24-2	18.05	17.67	16.07	17.26	6.08	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:50:38	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.13	-0.15	-0.13		ppb
Molybdenum	94-1	0.36	0.42	0.40	0.39	8.50	ppb
Molybdenum	95-1	0.44	0.43	0.44	0.44	1.44	ppb
Molybdenum	96-1	0.39	0.39	0.37	0.39	2.62	ppb
Molybdenum	97-1	0.41	0.45	0.41	0.42	5.20	ppb
Molybdenum	98-1	0.43	0.44	0.43	0.43	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	8.68	ppb
Phosphorus	31-2	-26.61	-24.00	-28.52	-26.38		ppb
Potassium	39-2	26.48	26.13	26.72	26.44	1.13	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				123		%
Scandium	45-2				123		%
Selenium	77-2	0.16	0.68	-0.10	0.25	161.01	ppb
Selenium	78-2	0.32	0.27	1.40	0.66	95.73	ppb
Selenium	82-1	1.07	1.64	0.78	1.16	37.70	ppb
Silicon	28-1	3.97	3.20	2.86	3.34	17.06	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.28	ppb
Silver	107-1	0.08	0.07	0.08	0.08	11.69	ppb
Sodium	23-2	42.28	41.31	37.32	40.30	6.53	ppb
Strontium	86-1	0.08	0.03	0.06	0.05	42.32	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	5.60	ppb
Sulfur	34-1	-427.42	-389.56	-434.76	-417.25		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.17	0.16	0.17	8.35	ppb
Thallium	205-1	0.17	0.18	0.15	0.17	8.24	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	3.77	ppb
Tin	118-1	0.15	0.17	0.18	0.17	8.64	ppb
Titanium	47-1	0.36	0.29	0.22	0.29	24.29	ppb
Uranium	238-1	0.03	0.05	0.04	0.04	16.66	ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	8.98	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:50:38	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.04	0.09	0.08	47.57	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	12.63	ppb
Zirconium	91-1	0.06	0.07	0.08	0.07	8.79	ppb

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:15:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	58	108	58	75	38.49	cps
Arsenic	75-1	6221	5727	6125	6024	4.35	cps
Barium	135-1	117	142	108	122	14.20	cps
Barium	137-1	133	150	183	156	16.37	cps
Beryllium	9-1	67	56	72	65	13.09	cps
Bismuth	209-1	12864616	12903162	13096249	12954676	0.96	cps
Bismuth	209-2	7107472	7158137	7182454	7149354	0.54	cps
Boron	10-1	2542	2500	2167	2403	8.55	cps
Boron	11-1	11938	11822	11063	11608	4.10	cps
Cadmium	111-1	4597	4432	4909	4646	5.22	cps
Cadmium	106-1	6493	6343	6969	6602	4.94	cps
Cadmium	108-1	4	42	21	22	84.55	cps
Calcium	43-1	167	150	158	158	5.26	cps
Calcium	44-1	11414	10947	11889	11417	4.13	cps
Chromium	52-2	593	743	633	657	11.83	cps
Cobalt	59-2	123	173	147	148	16.93	cps
Copper	63-2	3280	3254	3250	3262	0.50	cps
Dysprosium	156-1	108	58	125	97	35.68	cps
Dysprosium	156-2	30	20	43	31	37.62	cps
Erbium	164-1	133	83	108	108	23.08	cps
Erbium	164-2	80	50	63	64	23.32	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	257	290	317	288	10.45	cps
Holmium	165-1	19523184	19510872	19899249	19644435	1.12	cps
Holmium	165-2	9448311	9533634	9437735	9473227	0.56	cps
Indium	115-1	14853270	15073360	15170564	15032398	1.08	cps
Indium	115-2	2660566	2689640	2655370	2668525	0.69	cps
Iron	56-2	5140	4968	4968	5025	1.98	cps
Iron	57-2	200	233	278	237	16.46	cps
Krypton	83-1	1550	1400	1467	1472	5.11	cps
Lead	206-1	1539	1461	1500	1500	2.59	cps
Lead	207-1	1295	1378	1356	1343	3.21	cps
Lead	208-1	5456	5689	5640	5595	2.20	cps
Lithium	6-1	4899192	4926808	4962457	4929486	0.64	cps
Magnesium	24-2	117	125	142	128	9.96	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:15:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	510	513	440	488	8.49	cps
Molybdenum	94-1	283	375	225	294	25.68	cps
Molybdenum	95-1	8	42	33	28	62.46	cps
Molybdenum	96-1	192	200	233	208	10.58	cps
Molybdenum	97-1	42	42	33	39	12.37	cps
Molybdenum	98-1	100	108	83	97	13.09	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	33	33	53	40	28.87	cps
Phosphorus	31-2	142	133	150	142	5.88	cps
Potassium	39-2	19246	20398	19513	19719	3.06	cps
Rhodium	103-1	13335419	13438516	13603354	13459096	1.00	cps
Rhodium	103-2	6017156	6017849	6039716	6024907	0.21	cps
Scandium	45-1	9204611	9263144	9344913	9270889	0.76	cps
Scandium	45-2	378104	375717	380984	378268	0.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	61	54	57	57	6.45	cps
Selenium	82-1	19	83	53	52	61.63	cps
Silicon	28-1	197091	198930	200585	198869	0.88	cps
Silver	109-1	108	25	100	78	59.01	cps
Silver	107-1	117	167	133	139	18.33	cps
Sodium	23-2	11672	12022	11888	11861	1.49	cps
Strontium	86-1	2375	2300	2325	2334	1.64	cps
Strontium	88-1	142	242	83	156	51.48	cps
Sulfur	34-1	434551	438083	434785	435807	0.45	cps
Terbium	159-1	19572796	19945348	20159533	19892559	1.49	cps
Terbium	159-2	9248798	9214384	9219768	9227650	0.20	cps
Thallium	203-1	525	525	675	575	15.06	cps
Thallium	205-1	1092	1133	1058	1095	3.43	cps
Thorium	232-1	1806	1800	1861	1822	1.85	cps
Tin	118-1	1108	933	1225	1089	13.48	cps
Titanium	47-1	100	125	142	122	17.16	cps
Uranium	238-1	2300	2009	2225	2178	6.95	cps
Vanadium	51-2	3	10	23	12	83.33	cps
Yttrium	89-1	15094973	15177738	15329258	15200656	0.78	cps
Yttrium	89-2	1985095	1994394	2000341	1993277	0.39	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:15:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	290	267	279	4.20	cps
Zirconium	90-1	958	958	950	956	0.50	cps
Zirconium	91-1	200	208	167	192	11.51	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2734	2659	2550	2648	3.48	cps
Antimony	121-1	25190	25691	25824	25568	1.31	cps
Arsenic	75-1	20150	19032	19234	19472	3.06	cps
Barium	135-1	35622	35112	36182	35638	1.50	cps
Barium	137-1	60198	61471	61295	60988	1.13	cps
Beryllium	9-1	3628	3651	3689	3656	0.85	cps
Bismuth	209-1	12802844	12907705	13084718	12931756	1.10	cps
Bismuth	209-2	7295919	7043659	7163242	7167607	1.76	cps
Boron	10-1	16727	16076	16818	16540	2.45	cps
Boron	11-1	75430	76150	77005	76195	1.03	cps
Cadmium	111-1	8776	8336	8216	8443	3.49	cps
Cadmium	106-1	7194	6510	6677	6794	5.25	cps
Cadmium	108-1	258	221	321	267	18.94	cps
Calcium	43-1	22067	22668	21717	22151	2.17	cps
Calcium	44-1	378820	375319	370665	374935	1.09	cps
Chromium	52-2	8402	8453	8373	8409	0.48	cps
Cobalt	59-2	6542	6305	6558	6468	2.19	cps
Copper	63-2	12112	11895	11722	11909	1.64	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	23	30	23	26	15.07	cps
Erbium	164-1	100	125	117	114	11.18	cps
Erbium	164-2	77	60	73	70	12.60	cps
Gadolinium	160-1	142	133	133	136	3.53	cps
Gadolinium	160-2	357	307	300	321	9.65	cps
Holmium	165-1	19957448	19749390	20049098	19918646	0.77	cps
Holmium	165-2	9647081	9414623	9590403	9550702	1.27	cps
Indium	115-1	14955953	15093197	15237851	15095667	0.93	cps
Indium	115-2	2682785	2665302	2715105	2687731	0.94	cps
Iron	56-2	183257	178915	176182	179451	1.99	cps
Iron	57-2	4845	4684	4645	4725	2.25	cps
Krypton	83-1	1663	1563	1563	1597	3.62	cps
Lead	206-1	13224	13385	13257	13288	0.64	cps
Lead	207-1	11566	12323	11589	11826	3.64	cps
Lead	208-1	52297	53816	52285	52799	1.67	cps
Lithium	6-1	5039977	5046324	5105808	5064036	0.72	cps
Magnesium	24-2	164696	164409	162160	163755	0.85	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2564	2667	2737	2656	3.28	cps
Molybdenum	94-1	28938	27344	28162	28148	2.83	cps
Molybdenum	95-1	35044	35570	35796	35470	1.09	cps
Molybdenum	96-1	39071	38887	38804	38921	0.35	cps
Molybdenum	97-1	21575	22452	22636	22221	2.55	cps
Molybdenum	98-1	58086	57149	57040	57425	1.00	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1750	1750	1767	1756	0.55	cps
Phosphorus	31-2	542	417	558	506	15.32	cps
Potassium	39-2	164181	159245	162379	161935	1.54	cps
Rhodium	103-1	13777793	13516246	13846578	13713539	1.27	cps
Rhodium	103-2	6068572	5951218	6054546	6024778	1.06	cps
Scandium	45-1	9524433	9522711	9522669	9523271	0.01	cps
Scandium	45-2	381835	371091	378641	377189	1.46	cps
Selenium	77-2	50	77	63	63	21.06	cps
Selenium	78-2	241	274	243	252	7.42	cps
Selenium	82-1	1602	1715	1631	1649	3.54	cps
Silicon	28-1	295546	293582	294428	294519	0.33	cps
Silver	109-1	16193	17128	16185	16502	3.28	cps
Silver	107-1	17895	17895	17378	17723	1.69	cps
Sodium	23-2	317591	314979	312688	315086	0.78	cps
Strontium	86-1	7202	6310	6735	6749	6.61	cps
Strontium	88-1	40375	41503	40492	40790	1.52	cps
Sulfur	34-1	435895	428206	429149	431083	0.97	cps
Terbium	159-1	20340443	20191487	20243001	20258310	0.37	cps
Terbium	159-2	9343240	9116352	9406278	9288623	1.64	cps
Thallium	203-1	15251	14792	15201	15081	1.67	cps
Thallium	205-1	36393	34487	36192	35691	2.93	cps
Thorium	232-1	45859	47180	46706	46582	1.44	cps
Tin	118-1	60522	62414	60548	61161	1.77	cps
Titanium	47-1	10446	10454	9837	10246	3.45	cps
Uranium	238-1	47673	48116	47689	47826	0.52	cps
Vanadium	51-2	16106	16269	15595	15990	2.20	cps
Yttrium	89-1	15524658	15553061	15646274	15574664	0.41	cps
Yttrium	89-2	2025207	1978105	2032307	2011873	1.46	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:23:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1937	1793	1947	1892	4.53	cps
Zirconium	90-1	23078	22235	21526	22279	3.49	cps
Zirconium	91-1	4959	5084	4826	4957	2.61	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134467	133802	133364	133878	0.41	cps
Antimony	121-1	648221	639823	647225	645089	0.71	cps
Arsenic	75-1	257661	254989	253793	255481	0.78	cps
Barium	135-1	867123	854529	867867	863173	0.87	cps
Barium	137-1	1500187	1498407	1509841	1502812	0.41	cps
Beryllium	9-1	175980	173621	173958	174519	0.73	cps
Bismuth	209-1	12944554	12700493	12824707	12823252	0.95	cps
Bismuth	209-2	7116829	7154317	7176387	7149178	0.42	cps
Boron	10-1	30974	31008	31751	31244	1.41	cps
Boron	11-1	139783	145050	145487	143440	2.21	cps
Cadmium	111-1	200753	199231	200589	200191	0.42	cps
Cadmium	106-1	29039	28337	27786	28388	2.21	cps
Cadmium	108-1	14641	14274	14595	14504	1.38	cps
Calcium	43-1	219042	219186	215787	218005	0.88	cps
Calcium	44-1	3607991	3570172	3524832	3567665	1.17	cps
Chromium	52-2	190602	190970	188532	190034	0.69	cps
Cobalt	59-2	312162	309918	307987	310022	0.67	cps
Copper	63-2	445380	443110	440937	443142	0.50	cps
Dysprosium	156-1	83	92	67	81	15.80	cps
Dysprosium	156-2	33	63	50	49	30.75	cps
Erbium	164-1	67	142	158	122	39.95	cps
Erbium	164-2	53	77	57	62	20.29	cps
Gadolinium	160-1	117	150	108	125	17.64	cps
Gadolinium	160-2	297	303	327	309	5.10	cps
Holmium	165-1	20218246	19972817	20183449	20124837	0.66	cps
Holmium	165-2	9608582	9641298	9657588	9635822	0.26	cps
Indium	115-1	15230004	15053554	15112631	15132063	0.59	cps
Indium	115-2	2699145	2722475	2719917	2713846	0.47	cps
Iron	56-2	8221435	8125664	8090468	8145856	0.83	cps
Iron	57-2	201852	202578	199476	201302	0.81	cps
Krypton	83-1	1497	1523	1367	1462	5.73	cps
Lead	206-1	590927	596479	595205	594204	0.49	cps
Lead	207-1	513031	518091	510197	513773	0.78	cps
Lead	208-1	2358247	2361712	2354969	2358309	0.14	cps
Lithium	6-1	5098363	5077974	5122524	5099621	0.44	cps
Magnesium	24-2	1552908	1549476	1546678	1549687	0.20	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227979	228560	225007	227182	0.84	cps
Molybdenum	94-1	1402281	1409885	1405769	1405979	0.27	cps
Molybdenum	95-1	1717443	1744659	1722475	1728192	0.84	cps
Molybdenum	96-1	1903254	1909132	1910889	1907759	0.21	cps
Molybdenum	97-1	1067115	1064902	1068618	1066878	0.18	cps
Molybdenum	98-1	2786168	2780968	2774862	2780666	0.20	cps
Neodymium	150-1	127	67	120	104	31.49	cps
Neodymium	150-2	17	7	27	17	59.99	cps
Nickel	60-2	82326	82738	81378	82148	0.85	cps
Phosphorus	31-2	7877	7969	7569	7805	2.69	cps
Potassium	39-2	725430	721580	720620	722544	0.35	cps
Rhodium	103-1	13642921	13700944	13621340	13655068	0.30	cps
Rhodium	103-2	6062953	6082902	6133953	6093269	0.60	cps
Scandium	45-1	9613232	9526796	9463198	9534409	0.79	cps
Scandium	45-2	376914	382105	385044	381354	1.08	cps
Selenium	77-2	587	593	647	609	5.40	cps
Selenium	78-2	2046	2184	2017	2082	4.27	cps
Selenium	82-1	15315	14851	15507	15225	2.22	cps
Silicon	28-1	697517	703661	702369	701182	0.46	cps
Silver	109-1	863069	862922	870339	865443	0.49	cps
Silver	107-1	913085	909809	902326	908406	0.61	cps
Sodium	23-2	3030007	3033023	3023169	3028733	0.17	cps
Strontium	86-1	227933	228229	229159	228441	0.28	cps
Strontium	88-1	1948221	1972086	1962693	1961000	0.61	cps
Sulfur	34-1	509394	507596	509485	508825	0.21	cps
Terbium	159-1	20523106	20479363	20592824	20531764	0.28	cps
Terbium	159-2	9367617	9427231	9401083	9398644	0.32	cps
Thallium	203-1	726629	733004	726907	728847	0.49	cps
Thallium	205-1	1750792	1747340	1757742	1751958	0.30	cps
Thorium	232-1	2403859	2407293	2393853	2401668	0.29	cps
Tin	118-1	584104	580916	577957	580992	0.53	cps
Titanium	47-1	476528	476884	480277	477896	0.43	cps
Uranium	238-1	2294389	2343901	2308376	2315555	1.10	cps
Vanadium	51-2	150569	151297	148851	150239	0.84	cps
Yttrium	89-1	15602910	15650441	15637133	15630161	0.16	cps
Yttrium	89-2	2009573	2026268	2046759	2027533	0.92	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:27:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68962	68229	68410	68534	0.56	cps
Zirconium	90-1	1162273	1171975	1167113	1167120	0.42	cps
Zirconium	91-1	258863	261064	257444	259123	0.70	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332811	333774	330769	332451	0.46	cps
Antimony	121-1	1617323	1599472	1605525	1607440	0.56	cps
Arsenic	75-1	618905	621321	614497	618241	0.56	cps
Barium	135-1	2136733	2120071	2149359	2135388	0.69	cps
Barium	137-1	3738222	3712451	3718109	3722927	0.36	cps
Beryllium	9-1	428290	430704	432479	430491	0.49	cps
Bismuth	209-1	12633780	12638291	12770329	12680800	0.61	cps
Bismuth	209-2	7101977	7095556	7060793	7086109	0.31	cps
Boron	10-1	68815	70197	71252	70088	1.74	cps
Boron	11-1	322915	325069	335455	327813	2.05	cps
Cadmium	111-1	487784	483721	485747	485750	0.42	cps
Cadmium	106-1	59275	58397	58806	58826	0.75	cps
Cadmium	108-1	36522	36017	36589	36376	0.86	cps
Calcium	43-1	537625	536788	536704	537039	0.09	cps
Calcium	44-1	8762103	8672902	8667035	8700680	0.61	cps
Chromium	52-2	470111	465537	469584	468411	0.53	cps
Cobalt	59-2	767726	773108	771354	770729	0.36	cps
Copper	63-2	1078485	1078027	1071445	1075985	0.37	cps
Dysprosium	156-1	100	125	75	100	25.00	cps
Dysprosium	156-2	63	53	53	57	10.19	cps
Erbium	164-1	125	108	117	117	7.14	cps
Erbium	164-2	70	67	60	66	7.77	cps
Gadolinium	160-1	142	225	158	175	25.20	cps
Gadolinium	160-2	360	347	320	342	5.95	cps
Holmium	165-1	20251551	20048465	20365270	20221762	0.79	cps
Holmium	165-2	9726218	9687083	9699350	9704217	0.21	cps
Indium	115-1	15050200	15040052	15048189	15046147	0.04	cps
Indium	115-2	2697456	2701992	2683506	2694318	0.36	cps
Iron	56-2	20305795	20427187	20109722	20280901	0.79	cps
Iron	57-2	500148	501892	498745	500262	0.32	cps
Krypton	83-1	1477	1553	1423	1485	4.40	cps
Lead	206-1	1460194	1437563	1454280	1450679	0.81	cps
Lead	207-1	1257764	1250279	1263499	1257181	0.53	cps
Lead	208-1	5759122	5741588	5775622	5758777	0.30	cps
Lithium	6-1	5079513	5067348	5102996	5083286	0.36	cps
Magnesium	24-2	3860466	3881476	3852195	3864712	0.39	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	563430	563285	562518	563077	0.09	cps
Molybdenum	94-1	3498325	3465968	3502637	3488977	0.57	cps
Molybdenum	95-1	4261419	4252386	4270285	4261364	0.21	cps
Molybdenum	96-1	4726027	4724305	4708420	4719584	0.21	cps
Molybdenum	97-1	2626410	2634397	2654114	2638307	0.54	cps
Molybdenum	98-1	6838421	6820839	6855124	6838128	0.25	cps
Neodymium	150-1	100	120	213	144	41.88	cps
Neodymium	150-2	33	33	17	28	34.63	cps
Nickel	60-2	201653	202008	201086	201583	0.23	cps
Phosphorus	31-2	19639	18537	19422	19199	3.04	cps
Potassium	39-2	1767970	1760180	1767455	1765202	0.25	cps
Rhodium	103-1	13525622	13431807	13509561	13488997	0.37	cps
Rhodium	103-2	6009924	6001302	5966541	5992589	0.38	cps
Scandium	45-1	9557375	9491679	9515036	9521363	0.35	cps
Scandium	45-2	382113	382791	381570	382158	0.16	cps
Selenium	77-2	1527	1500	1430	1486	3.36	cps
Selenium	78-2	4949	4938	5081	4989	1.59	cps
Selenium	82-1	36484	37168	36889	36847	0.93	cps
Silicon	28-1	1437717	1446518	1449142	1444459	0.41	cps
Silver	109-1	2117688	2107433	2128139	2117753	0.49	cps
Silver	107-1	2224218	2227874	2217808	2223300	0.23	cps
Sodium	23-2	7448988	7479838	7485768	7471531	0.26	cps
Strontium	86-1	557781	549602	557033	554805	0.82	cps
Strontium	88-1	4878893	4807695	4848238	4844942	0.74	cps
Sulfur	34-1	630197	625245	624892	626778	0.47	cps
Terbium	159-1	20496367	20454048	20530934	20493783	0.19	cps
Terbium	159-2	9391375	9419806	9364740	9391974	0.29	cps
Thallium	203-1	1792977	1768781	1798529	1786762	0.89	cps
Thallium	205-1	4301272	4282254	4266246	4283257	0.41	cps
Thorium	232-1	5991660	5923571	5972967	5962733	0.59	cps
Tin	118-1	1420464	1404581	1420686	1415244	0.65	cps
Titanium	47-1	1183084	1178556	1176506	1179382	0.29	cps
Uranium	238-1	5697253	5672598	5718879	5696243	0.41	cps
Vanadium	51-2	373449	374024	375306	374259	0.25	cps
Yttrium	89-1	15554889	15612892	15580858	15582879	0.19	cps
Yttrium	89-2	2046802	2048774	2032707	2042761	0.43	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:31:38	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167647	168287	167181	167705	0.33	cps
Zirconium	90-1	2891709	2904524	2904150	2900127	0.25	cps
Zirconium	91-1	637722	643875	646445	642681	0.70	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650621	646117	654576	650438	0.65	cps
Antimony	121-1	3182173	3232255	3210629	3208353	0.78	cps
Arsenic	75-1	1220773	1235092	1229931	1228599	0.59	cps
Barium	135-1	4213640	4281642	4287168	4260817	0.96	cps
Barium	137-1	7291664	7393723	7347173	7344187	0.70	cps
Beryllium	9-1	857253	874958	867365	866525	1.03	cps
Bismuth	209-1	12453306	12638836	12378424	12490189	1.07	cps
Bismuth	209-2	6852388	6908086	6906513	6888996	0.46	cps
Boron	10-1	136186	140330	138573	138363	1.50	cps
Boron	11-1	634841	656548	643801	645063	1.69	cps
Cadmium	111-1	953851	960617	955891	956786	0.36	cps
Cadmium	106-1	111033	112067	109344	110815	1.24	cps
Cadmium	108-1	72589	73712	72534	72945	0.91	cps
Calcium	43-1	1074895	1084746	1075219	1078286	0.52	cps
Calcium	44-1	17563684	17543672	17467205	17524854	0.29	cps
Chromium	52-2	916614	915426	918157	916732	0.15	cps
Cobalt	59-2	1499154	1504715	1506288	1503386	0.25	cps
Copper	63-2	2089681	2091409	2092194	2091095	0.06	cps
Dysprosium	156-1	92	142	100	111	24.11	cps
Dysprosium	156-2	97	113	83	98	15.37	cps
Erbium	164-1	108	42	133	94	50.17	cps
Erbium	164-2	80	83	70	78	8.92	cps
Gadolinium	160-1	133	67	108	103	32.77	cps
Gadolinium	160-2	297	357	360	338	10.55	cps
Holmium	165-1	20119601	20395348	19849940	20121630	1.36	cps
Holmium	165-2	9614002	9627195	9583731	9608309	0.23	cps
Indium	115-1	14899147	15079463	14835998	14938202	0.85	cps
Indium	115-2	2643395	2648698	2638475	2643523	0.19	cps
Iron	56-2	39494083	39815593	40153843	39821173	0.83	cps
Iron	57-2	968089	979168	981585	976281	0.74	cps
Krypton	83-1	1417	1513	1393	1441	4.42	cps
Lead	206-1	2878586	2887206	2895194	2886996	0.29	cps
Lead	207-1	2474347	2498607	2490754	2487903	0.50	cps
Lead	208-1	11348539	11441188	11483730	11424486	0.61	cps
Lithium	6-1	5087778	5114693	5072136	5091536	0.42	cps
Magnesium	24-2	7556643	7550529	7538545	7548572	0.12	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1091934	1107136	1120198	1106423	1.28	cps
Molybdenum	94-1	6893024	7003790	6916723	6937846	0.84	cps
Molybdenum	95-1	8441175	8557373	8450495	8483014	0.76	cps
Molybdenum	96-1	9416023	9464532	9376749	9419102	0.47	cps
Molybdenum	97-1	5277642	5358391	5277181	5304404	0.88	cps
Molybdenum	98-1	13625203	13824412	13697916	13715844	0.73	cps
Neodymium	150-1	293	367	327	329	11.16	cps
Neodymium	150-2	27	37	33	32	15.80	cps
Nickel	60-2	392484	393368	395481	393778	0.39	cps
Phosphorus	31-2	37156	37055	37331	37181	0.38	cps
Potassium	39-2	3442117	3455939	3459316	3452457	0.26	cps
Rhodium	103-1	13357688	13430091	13212827	13333535	0.83	cps
Rhodium	103-2	5852319	5891661	5840635	5861538	0.46	cps
Scandium	45-1	9590208	9689809	9447410	9575809	1.27	cps
Scandium	45-2	378317	376387	379010	377905	0.36	cps
Selenium	77-2	2857	2900	2720	2826	3.33	cps
Selenium	78-2	9874	9666	9824	9788	1.11	cps
Selenium	82-1	72602	72807	72981	72797	0.26	cps
Silicon	28-1	2695955	2763036	2723590	2727527	1.24	cps
Silver	109-1	4199682	4250436	4225532	4225217	0.60	cps
Silver	107-1	4383369	4444383	4396102	4407951	0.73	cps
Sodium	23-2	14761876	14682493	14656037	14700135	0.37	cps
Strontium	86-1	1105341	1131185	1109709	1115412	1.24	cps
Strontium	88-1	9609918	9798618	9485436	9631324	1.64	cps
Sulfur	34-1	822399	832450	827517	827456	0.61	cps
Terbium	159-1	20611018	20805110	20379044	20598391	1.04	cps
Terbium	159-2	9315980	9319687	9332014	9322560	0.09	cps
Thallium	203-1	3537577	3557827	3589286	3561563	0.73	cps
Thallium	205-1	8402232	8482303	8530890	8471808	0.77	cps
Thorium	232-1	11788582	11925405	11929596	11881194	0.68	cps
Tin	118-1	2819579	2842799	2839628	2834002	0.44	cps
Titanium	47-1	2338944	2389222	2371721	2366629	1.08	cps
Uranium	238-1	11318173	11281182	11325321	11308225	0.21	cps
Vanadium	51-2	731378	733553	739048	734660	0.54	cps
Yttrium	89-1	15657565	15667219	15491818	15605534	0.63	cps
Yttrium	89-2	2015845	1994253	2010134	2006744	0.56	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:35:26	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	322877	321638	319373	321296	0.55	cps
Zirconium	90-1	5783774	5841466	5844447	5823229	0.59	cps
Zirconium	91-1	1274815	1288764	1282290	1281956	0.54	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 11:39:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1311252	1321603	1309736	1314197	0.49	cps
Antimony	121-1	6323739	6394749	6400237	6372908	0.67	cps
Arsenic	75-1	2401210	2423409	2404403	2409674	0.50	cps
Barium	135-1	8304284	8384581	8445020	8377962	0.84	cps
Barium	137-1	14552672	14595006	14812202	14653293	0.95	cps
Beryllium	9-1	1712681	1709672	1705840	1709398	0.20	cps
Bismuth	209-1	11971929	12355739	12410687	12246118	1.95	cps
Bismuth	209-2	6793686	6775325	6728386	6765799	0.50	cps
Boron	10-1	271643	273304	272671	272539	0.31	cps
Boron	11-1	1263819	1273384	1290983	1276062	1.08	cps
Cadmium	111-1	1821086	1887512	1855213	1854604	1.79	cps
Cadmium	106-1	212473	214357	213606	213479	0.44	cps
Cadmium	108-1	141582	142188	140699	141490	0.53	cps
Calcium	43-1	2122070	2159303	2167433	2149602	1.13	cps
Calcium	44-1	34688676	35257374	35041059	34995703	0.82	cps
Chromium	52-2	1856160	1854799	1850697	1853885	0.15	cps
Cobalt	59-2	3009908	2993139	2982435	2995161	0.46	cps
Copper	63-2	4137648	4178555	4121590	4145931	0.71	cps
Dysprosium	156-1	2117	633	317	1022	94.01	cps
Dysprosium	156-2	147	153	143	148	3.45	cps
Erbium	164-1	117	167	117	133	21.65	cps
Erbium	164-2	93	73	93	87	13.33	cps
Gadolinium	160-1	167	142	192	167	15.00	cps
Gadolinium	160-2	303	373	313	330	11.47	cps
Holmium	165-1	19766934	20442830	20481551	20230438	1.99	cps
Holmium	165-2	9642955	9640383	9633023	9638787	0.05	cps
Indium	115-1	14407585	14901605	15123402	14810864	2.47	cps
Indium	115-2	2658819	2664745	2622221	2648595	0.87	cps
Iron	56-2	79230874	79982166	79175155	79462731	0.57	cps
Iron	57-2	1958392	1956300	1938307	1951000	0.57	cps
Krypton	83-1	1470	1517	1497	1495	1.57	cps
Lead	206-1	5605759	5647018	5662709	5638496	0.52	cps
Lead	207-1	4856807	4909677	4872265	4879583	0.56	cps
Lead	208-1	22235511	22492276	22351398	22359728	0.58	cps
Lithium	6-1	5038743	5158850	5149763	5115785	1.31	cps
Magnesium	24-2	15153816	15249409	15130083	15177769	0.42	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:39:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2210895	2224226	2202582	2212568	0.49	cps
Molybdenum	94-1	13891753	13976055	14015701	13961170	0.45	cps
Molybdenum	95-1	17011483	17171187	17161600	17114757	0.52	cps
Molybdenum	96-1	18851681	18999356	19174817	19008618	0.85	cps
Molybdenum	97-1	10637885	10736349	10696092	10690109	0.46	cps
Molybdenum	98-1	27513575	27622482	27614256	27583437	0.22	cps
Neodymium	150-1	1187	753	740	893	28.45	cps
Neodymium	150-2	47	67	47	53	21.65	cps
Nickel	60-2	780077	780636	773900	778204	0.48	cps
Phosphorus	31-2	76370	75969	76144	76161	0.26	cps
Potassium	39-2	7013448	7008231	6969896	6997192	0.34	cps
Rhodium	103-1	13025927	13364631	13388941	13259833	1.53	cps
Rhodium	103-2	5890063	5880422	5749485	5839990	1.34	cps
Scandium	45-1	9476154	9764581	9779926	9673554	1.77	cps
Scandium	45-2	390681	387564	382790	387011	1.03	cps
Selenium	77-2	5698	5865	5544	5702	2.81	cps
Selenium	78-2	19656	19513	19500	19556	0.44	cps
Selenium	82-1	143103	142671	143928	143234	0.45	cps
Silicon	28-1	5399192	5442116	5194497	5345268	2.48	cps
Silver	109-1	8242906	8373283	8282990	8299726	0.80	cps
Silver	107-1	8685037	8661487	8747760	8698095	0.51	cps
Sodium	23-2	29872436	29797535	29614081	29761351	0.45	cps
Strontium	86-1	2188269	2230720	2208803	2209264	0.96	cps
Strontium	88-1	19131850	19358104	19205867	19231940	0.60	cps
Sulfur	34-1	1217389	1226155	1222068	1221871	0.36	cps
Terbium	159-1	20283080	20557173	20902133	20580795	1.51	cps
Terbium	159-2	9419139	9415680	9235859	9356893	1.12	cps
Thallium	203-1	6895529	7041215	6996407	6977717	1.07	cps
Thallium	205-1	16714015	16796147	16612318	16707493	0.55	cps
Thorium	232-1	23326429	23433539	23486260	23415410	0.35	cps
Tin	118-1	5576725	5618579	5603832	5599712	0.38	cps
Titanium	47-1	4750992	4786877	4770889	4769586	0.38	cps
Uranium	238-1	22317741	22356164	22304979	22326295	0.12	cps
Vanadium	51-2	1493592	1501979	1486893	1494155	0.51	cps
Yttrium	89-1	15320744	15828804	15951911	15700487	2.13	cps
Yttrium	89-2	2039729	2041178	2009159	2030022	0.89	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:39:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	631864	639975	632405	634748	0.71	cps
Zirconium	90-1	11394291	11696479	11560353	11550374	1.31	cps
Zirconium	91-1	2524681	2582910	2574612	2560734	1.23	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 11:42:55 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2688955	2687074	2687888	2687972	0.04	cps
Antimony	121-1	12611126	12701667	12524917	12612570	0.70	cps
Arsenic	75-1	4594178	4622306	4643529	4620004	0.54	cps
Barium	135-1	16644040	16667300	16588644	16633328	0.24	cps
Barium	137-1	29074586	29135458	29008448	29072831	0.22	cps
Beryllium	9-1	3297620	3313802	3284060	3298494	0.45	cps
Bismuth	209-1	11883750	11871011	11764269	11839677	0.55	cps
Bismuth	209-2	6552247	6552477	6662188	6588971	0.96	cps
Boron	10-1	531857	537739	535560	535052	0.56	cps
Boron	11-1	2514172	2548252	2537567	2533330	0.69	cps
Cadmium	111-1	3660557	3708659	3706618	3691944	0.74	cps
Cadmium	106-1	407445	411765	407277	408829	0.62	cps
Cadmium	108-1	275300	283481	279136	279306	1.47	cps
Calcium	43-1	4287748	4284011	4261584	4277781	0.33	cps
Calcium	44-1	69790179	69268508	69536272	69531653	0.38	cps
Chromium	52-2	3739758	3773792	3782421	3765324	0.60	cps
Cobalt	59-2	5996188	6054470	6116582	6055747	0.99	cps
Copper	63-2	8704099	8770049	8746761	8740303	0.38	cps
Dysprosium	156-1	358	333	350	347	3.67	cps
Dysprosium	156-2	353	300	303	319	9.37	cps
Erbium	164-1	150	150	225	175	24.74	cps
Erbium	164-2	93	83	87	88	5.80	cps
Gadolinium	160-1	150	142	175	156	11.15	cps
Gadolinium	160-2	323	323	340	329	2.93	cps
Holmium	165-1	20008661	20145851	19618096	19924203	1.37	cps
Holmium	165-2	9676318	9624321	9827144	9709261	1.09	cps
Indium	115-1	14376421	14440491	14045435	14287449	1.48	cps
Indium	115-2	2613369	2603532	2647622	2621508	0.88	cps
Iron	56-2	161439965	160731731	162041948	161404548	0.41	cps
Iron	57-2	3945107	3973164	3985406	3967892	0.52	cps
Krypton	83-1	1730	1420	1560	1570	9.89	cps
Lead	206-1	11185583	11255997	11155606	11199062	0.46	cps
Lead	207-1	9744476	9716826	9642009	9701104	0.55	cps
Lead	208-1	44172577	44301575	44175512	44216555	0.17	cps
Lithium	6-1	5006364	4994423	4933430	4978072	0.79	cps
Magnesium	24-2	31009847	31133135	31295809	31146264	0.46	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:42:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4507423	4511854	4497217	4505498	0.17	cps
Molybdenum	94-1	27511518	27566636	27739024	27605726	0.43	cps
Molybdenum	95-1	33822091	33661450	34075308	33852950	0.62	cps
Molybdenum	96-1	37597621	37512368	37592912	37567633	0.13	cps
Molybdenum	97-1	21254145	21414041	21143904	21270697	0.64	cps
Molybdenum	98-1	54792322	54652001	54481824	54642049	0.28	cps
Neodymium	150-1	1260	1073	1100	1145	8.82	cps
Neodymium	150-2	107	97	103	102	4.98	cps
Nickel	60-2	1536825	1554311	1567481	1552872	0.99	cps
Phosphorus	31-2	154022	154365	154493	154293	0.16	cps
Potassium	39-2	14209220	14402770	14398407	14336799	0.77	cps
Rhodium	103-1	12806426	12829428	12477609	12704488	1.55	cps
Rhodium	103-2	5736674	5728850	5894170	5786565	1.61	cps
Scandium	45-1	9639393	9572399	9490447	9567413	0.78	cps
Scandium	45-2	396956	395872	402518	398449	0.89	cps
Selenium	77-2	11238	11695	11221	11385	2.36	cps
Selenium	78-2	37001	37703	37864	37523	1.22	cps
Selenium	82-1	270984	273973	273272	272743	0.57	cps
Silicon	28-1	9165184	9175076	9154493	9164917	0.11	cps
Silver	109-1	16685168	16704114	16556204	16648495	0.48	cps
Silver	107-1	17165926	17370721	17301285	17279311	0.60	cps
Sodium	23-2	60883476	61414866	61477008	61258450	0.53	cps
Strontium	86-1	4325372	4358370	4389803	4357849	0.74	cps
Strontium	88-1	38072673	38251769	38376959	38233800	0.40	cps
Sulfur	34-1	2012676	2033043	2025021	2023580	0.51	cps
Terbium	159-1	20503052	20483976	20097089	20361372	1.13	cps
Terbium	159-2	9405837	9434194	9453401	9431144	0.25	cps
Thallium	203-1	13741266	13800683	13895996	13812648	0.57	cps
Thallium	205-1	32737043	32684999	32701300	32707781	0.08	cps
Thorium	232-1	46798625	47128590	46567284	46831500	0.60	cps
Tin	118-1	11147728	11271162	11053255	11157382	0.98	cps
Titanium	47-1	9457606	9463333	9533696	9484878	0.45	cps
Uranium	238-1	44990945	44600239	44461255	44684146	0.61	cps
Vanadium	51-2	3066968	3079396	3087190	3077851	0.33	cps
Yttrium	89-1	15514240	15666694	15212915	15464616	1.49	cps
Yttrium	89-2	2054176	2064380	2091170	2069908	0.92	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:42:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1306627	1318052	1314216	1312965	0.44	cps
Zirconium	90-1	22940037	22966843	22977961	22961614	0.08	cps
Zirconium	91-1	5056392	5128910	5075403	5086902	0.74	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15369738	15267456	15469333	15368842	0.66	cps
Antimony	121-1	11722	12706	12423	12284	4.12	cps
Arsenic	75-1	10347	10642	10282	10424	1.84	cps
Barium	135-1	3917	3684	3567	3723	4.79	cps
Barium	137-1	6860	6544	7444	6949	6.57	cps
Beryllium	9-1	550	611	489	550	11.11	cps
Bismuth	209-1	10377599	10346613	10169968	10298060	1.09	cps
Bismuth	209-2	5701922	5639110	5728027	5689687	0.80	cps
Boron	10-1	22334	20949	20598	21294	4.31	cps
Boron	11-1	101818	97893	93791	97834	4.10	cps
Cadmium	111-1	4738	5158	4960	4952	4.24	cps
Cadmium	106-1	5685	6202	5876	5921	4.41	cps
Cadmium	108-1	113	125	100	113	11.11	cps
Calcium	43-1	21510788	21773340	21653736	21645954	0.61	cps
Calcium	44-1	353200108	354025416	352321025	353182183	0.24	cps
Chromium	52-2	148835	148270	151041	149382	0.98	cps
Cobalt	59-2	13717	13833	13963	13838	0.89	cps
Copper	63-2	19600	18602	19133	19112	2.61	cps
Dysprosium	156-1	158	142	133	144	8.81	cps
Dysprosium	156-2	47	53	70	57	21.21	cps
Erbium	164-1	167	158	208	178	15.07	cps
Erbium	164-2	90	90	87	89	2.16	cps
Gadolinium	160-1	167	175	225	189	16.70	cps
Gadolinium	160-2	340	350	277	322	12.34	cps
Holmium	165-1	19484871	19192873	19179278	19285674	0.90	cps
Holmium	165-2	9435112	9191537	9397975	9341542	1.40	cps
Indium	115-1	13756026	13754427	13522687	13677713	0.98	cps
Indium	115-2	2594898	2559194	2614684	2589592	1.09	cps
Iron	56-2	827516574	838414330	846541441	837490782	1.14	cps
Iron	57-2	20515275	20609666	20776537	20633826	0.64	cps
Krypton	83-1	1493	1637	1710	1613	6.83	cps
Lead	206-1	29110	27612	28203	28308	2.67	cps
Lead	207-1	25264	25163	24807	25078	0.96	cps
Lead	208-1	113796	112114	112728	112879	0.75	cps
Lithium	6-1	4930543	4912936	4909784	4917754	0.23	cps
Magnesium	24-2	166774275	167766383	170275604	168272087	1.07	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18418	18412	19189	18673	2.39	cps
Molybdenum	94-1	25223	24848	25231	25101	0.87	cps
Molybdenum	95-1	37826	37450	37174	37484	0.87	cps
Molybdenum	96-1	55267	55434	55275	55325	0.17	cps
Molybdenum	97-1	22769	23554	22260	22861	2.85	cps
Molybdenum	98-1	60379	58764	59525	59556	1.36	cps
Neodymium	150-1	173	140	180	164	13.03	cps
Neodymium	150-2	80	73	47	67	26.45	cps
Nickel	60-2	41699	42314	42792	42269	1.30	cps
Phosphorus	31-2	217	292	175	228	25.96	cps
Potassium	39-2	79731268	79664039	81135552	80176953	1.04	cps
Rhodium	103-1	11750747	11658498	11626630	11678625	0.55	cps
Rhodium	103-2	5351908	5264574	5385706	5334062	1.17	cps
Scandium	45-1	9654743	9693013	9631691	9659816	0.32	cps
Scandium	45-2	431723	429088	434673	431828	0.65	cps
Selenium	77-2	10	20	3	11	75.52	cps
Selenium	78-2	91	111	98	100	10.31	cps
Selenium	82-1	655	525	370	517	27.57	cps
Silicon	28-1	1347998	1377870	1386481	1370783	1.47	cps
Silver	109-1	3676	3492	3559	3576	2.60	cps
Silver	107-1	4159	3934	4109	4067	2.91	cps
Sodium	23-2	333054974	333519074	339403549	335325866	1.06	cps
Strontium	86-1	20641	20599	21074	20771	1.27	cps
Strontium	88-1	157346	157387	158407	157713	0.38	cps
Sulfur	34-1	409463	413874	417275	413537	0.95	cps
Terbium	159-1	19800139	19630367	19510540	19647015	0.74	cps
Terbium	159-2	9140759	8963715	9113119	9072531	1.05	cps
Thallium	203-1	4609	4718	4176	4501	6.37	cps
Thallium	205-1	11205	10279	10988	10824	4.47	cps
Thorium	232-1	10744	10538	10699	10660	1.02	cps
Tin	118-1	6277	13818	6202	8765	49.92	cps
Titanium	47-1	4026	3909	4026	3987	1.69	cps
Uranium	238-1	6944	7411	7027	7127	3.49	cps
Vanadium	51-2	1593	1640	1563	1599	2.42	cps
Yttrium	89-1	15392406	15258984	15108940	15253444	0.93	cps
Yttrium	89-2	2115964	2092691	2148786	2119147	1.33	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 11:46:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20291	20184	20408	20294	0.55	cps
Zirconium	90-1	7311	7452	7444	7402	1.07	cps
Zirconium	91-1	1408	1358	1642	1470	10.29	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65779	65218	65888	65628	0.55	cps
Antimony	121-1	2545927	2542155	2553321	2547134	0.22	cps
Arsenic	75-1	996242	1007196	1010354	1004597	0.74	cps
Barium	135-1	342232	344184	348702	345039	0.96	cps
Barium	137-1	591706	596300	595609	594538	0.42	cps
Beryllium	9-1	351348	346792	351079	349740	0.73	cps
Bismuth	209-1	12964043	12973538	13101997	13013193	0.59	cps
Bismuth	209-2	7176784	7118189	7138860	7144611	0.42	cps
Boron	10-1	4784	4634	4818	4745	2.06	cps
Boron	11-1	21716	20598	21808	21374	3.15	cps
Cadmium	111-1	388802	382211	391750	387588	1.26	cps
Cadmium	106-1	39924	39055	39798	39592	1.19	cps
Cadmium	108-1	30354	31005	31013	30791	1.23	cps
Calcium	43-1	89957	88842	89378	89392	0.62	cps
Calcium	44-1	1492665	1468922	1475086	1478891	0.83	cps
Chromium	52-2	377290	373112	373984	374795	0.59	cps
Cobalt	59-2	644445	629226	625184	632952	1.60	cps
Copper	63-2	451624	443892	441208	445575	1.21	cps
Dysprosium	156-1	92	108	42	81	43.07	cps
Dysprosium	156-2	17	30	27	24	28.38	cps
Erbium	164-1	250	208	225	228	9.21	cps
Erbium	164-2	97	127	97	107	16.24	cps
Gadolinium	160-1	150	150	100	133	21.65	cps
Gadolinium	160-2	317	300	390	336	14.27	cps
Holmium	165-1	20720534	20661842	20735858	20706078	0.19	cps
Holmium	165-2	9929742	9860828	9679993	9823521	1.31	cps
Indium	115-1	15692542	15634303	15694472	15673772	0.22	cps
Indium	115-2	2826894	2788549	2784679	2800040	0.83	cps
Iron	56-2	3305398	3255694	3295629	3285573	0.80	cps
Iron	57-2	82928	82285	81447	82220	0.90	cps
Krypton	83-1	1633	1663	1640	1646	0.96	cps
Lead	206-1	2324946	2301037	2318064	2314683	0.53	cps
Lead	207-1	1990743	1989019	1998143	1992635	0.24	cps
Lead	208-1	9106319	9098779	9132140	9112413	0.19	cps
Lithium	6-1	5511521	5517272	5500352	5509715	0.16	cps
Magnesium	24-2	390479	382605	373106	382063	2.28	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	228974	224926	222432	225444	1.46	cps
Molybdenum	94-1	10094281	10079100	10155245	10109542	0.40	cps
Molybdenum	95-1	17769336	17847760	17838863	17818653	0.24	cps
Molybdenum	96-1	18909383	19005091	19052684	18989053	0.38	cps
Molybdenum	97-1	11063210	11119657	11153672	11112180	0.41	cps
Molybdenum	98-1	28474699	28672587	28597654	28581646	0.35	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	170489	165762	164734	166995	1.84	cps
Phosphorus	31-2	133	83	158	125	30.55	cps
Potassium	39-2	602035	597370	592422	597276	0.80	cps
Rhodium	103-1	14286984	14138075	14213807	14212955	0.52	cps
Rhodium	103-2	6341013	6223182	6280990	6281728	0.94	cps
Scandium	45-1	10165508	10241908	10182622	10196679	0.39	cps
Scandium	45-2	409847	402105	400973	404308	1.19	cps
Selenium	77-2	2380	2440	2424	2415	1.28	cps
Selenium	78-2	8058	8152	7900	8037	1.58	cps
Selenium	82-1	59115	59890	60181	59729	0.92	cps
Silicon	28-1	240772	240883	242365	241340	0.37	cps
Silver	109-1	1849687	1855789	1851094	1852190	0.17	cps
Silver	107-1	1926768	1928043	1943668	1932826	0.49	cps
Sodium	23-2	1255483	1225980	1212862	1231442	1.77	cps
Strontium	86-1	12806	13390	13248	13148	2.32	cps
Strontium	88-1	91583	91214	90493	91097	0.61	cps
Sulfur	34-1	451642	449555	453759	451652	0.47	cps
Terbium	159-1	21025631	21033616	21080204	21046484	0.14	cps
Terbium	159-2	9664168	9590358	9476297	9576941	0.99	cps
Thallium	203-1	3132514	3138643	3139953	3137037	0.13	cps
Thallium	205-1	7535214	7512903	7586249	7544789	0.50	cps
Thorium	232-1	2072	2278	2306	2219	5.75	cps
Tin	118-1	1750	1842	2000	1864	6.79	cps
Titanium	47-1	817	617	617	683	16.90	cps
Uranium	238-1	2050	2000	1975	2009	1.90	cps
Vanadium	51-2	304586	299238	300269	301365	0.94	cps
Yttrium	89-1	16332616	16339136	16310680	16327477	0.09	cps
Yttrium	89-2	2135266	2109229	2113288	2119261	0.66	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:12:36	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	138008	133696	135226	135643	1.61	cps
Zirconium	90-1	1042	1275	1092	1136	10.81	cps
Zirconium	91-1	600	767	725	697	12.44	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 12:18:08 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	33	36	35.25	cps
Antimony	121-1	1342	1567	1383	1431	8.37	cps
Arsenic	75-1	7214	7012	6976	7068	1.82	cps
Barium	135-1	217	183	158	186	15.73	cps
Barium	137-1	258	233	233	242	5.97	cps
Beryllium	9-1	139	94	117	117	19.05	cps
Bismuth	209-1	12784194	13148537	12783661	12905464	1.63	cps
Bismuth	209-2	6879685	7270915	7252687	7134429	3.09	cps
Boron	10-1	3701	3434	3634	3589	3.87	cps
Boron	11-1	17778	17402	16635	17272	3.37	cps
Cadmium	111-1	4498	4352	4281	4377	2.53	cps
Cadmium	106-1	6352	6127	6001	6160	2.88	cps
Cadmium	108-1	33	29	17	26	32.86	cps
Calcium	43-1	217	175	158	183	16.39	cps
Calcium	44-1	12456	12682	12623	12587	0.93	cps
Chromium	52-2	797	763	667	742	9.10	cps
Cobalt	59-2	150	120	117	129	14.24	cps
Copper	63-2	4054	3911	3807	3924	3.16	cps
Dysprosium	156-1	58	125	92	92	36.36	cps
Dysprosium	156-2	27	37	30	31	16.37	cps
Erbium	164-1	150	83	50	94	53.91	cps
Erbium	164-2	90	77	60	76	19.89	cps
Gadolinium	160-1	100	117	192	136	35.88	cps
Gadolinium	160-2	390	313	440	381	16.74	cps
Holmium	165-1	20332904	20544397	20110570	20329290	1.07	cps
Holmium	165-2	9510010	9847909	9759740	9705886	1.81	cps
Indium	115-1	15291490	15773764	15417211	15494155	1.61	cps
Indium	115-2	2668728	2791567	2752760	2737685	2.29	cps
Iron	56-2	5668	5396	5774	5612	3.47	cps
Iron	57-2	250	300	322	291	12.72	cps
Krypton	83-1	1490	1600	1663	1585	5.54	cps
Lead	206-1	1517	1500	1528	1515	0.92	cps
Lead	207-1	1389	1333	1306	1343	3.16	cps
Lead	208-1	5334	5545	5595	5491	2.52	cps
Lithium	6-1	5408778	5510654	5386028	5435153	1.22	cps
Magnesium	24-2	283	333	283	300	9.62	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:18:08	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	337	253	300	14.19	cps
Molybdenum	94-1	1033	1158	1133	1108	5.97	cps
Molybdenum	95-1	1333	1317	1475	1375	6.33	cps
Molybdenum	96-1	1700	1600	1759	1686	4.75	cps
Molybdenum	97-1	808	875	975	886	9.47	cps
Molybdenum	98-1	2142	1984	2092	2072	3.91	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	40	63	60	54	23.18	cps
Phosphorus	31-2	75	167	125	122	37.55	cps
Potassium	39-2	22017	21383	21800	21733	1.48	cps
Rhodium	103-1	14005282	14339185	13923167	14089211	1.56	cps
Rhodium	103-2	6042917	6260403	6183159	6162159	1.79	cps
Scandium	45-1	9834453	10261840	9985337	10027210	2.16	cps
Scandium	45-2	388692	402885	399131	396902	1.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	50	78	83	70	25.38	cps
Selenium	82-1	356	201	133	230	49.62	cps
Silicon	28-1	210890	211052	209718	210554	0.35	cps
Silver	109-1	233	208	275	239	14.10	cps
Silver	107-1	308	292	350	317	9.49	cps
Sodium	23-2	14024	13690	13723	13812	1.33	cps
Strontium	86-1	2584	2484	2659	2575	3.41	cps
Strontium	88-1	275	275	208	253	15.23	cps
Sulfur	34-1	453996	454536	460069	456200	0.74	cps
Terbium	159-1	20572365	21107912	20595193	20758490	1.46	cps
Terbium	159-2	9311786	9578097	9439438	9443107	1.41	cps
Thallium	203-1	1233	1367	1275	1292	5.28	cps
Thallium	205-1	2500	2442	2267	2403	5.05	cps
Thorium	232-1	2100	2134	2311	2182	5.20	cps
Tin	118-1	1192	1200	1267	1220	3.37	cps
Titanium	47-1	175	217	192	194	10.79	cps
Uranium	238-1	2050	2059	2017	2042	1.08	cps
Vanadium	51-2	13	20	27	20	33.35	cps
Yttrium	89-1	15913046	16244624	15939062	16032244	1.15	cps
Yttrium	89-2	2006071	2107392	2074195	2062553	2.50	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:18:08	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	317	343	303	321	6.34	cps
Zirconium	90-1	917	1033	925	958	6.79	cps
Zirconium	91-1	250	275	142	222	31.89	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:21:43	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13732149	13594386	13658902	13661812	0.50	cps
Antimony	121-1	14708	15384	15718	15270	3.37	cps
Arsenic	75-1	12840	13591	14053	13495	4.54	cps
Barium	135-1	4759	6644	6185	5863	16.76	cps
Barium	137-1	8720	11405	10129	10085	13.32	cps
Beryllium	9-1	1039	1050	1111	1067	3.65	cps
Bismuth	209-1	12017631	11699133	11922726	11879830	1.38	cps
Bismuth	209-2	6375540	6568377	6499326	6481081	1.51	cps
Boron	10-1	3717	3684	3667	3690	0.69	cps
Boron	11-1	17035	16426	16560	16674	1.92	cps
Cadmium	111-1	6601	6162	6498	6420	3.58	cps
Cadmium	106-1	6493	6135	6493	6374	3.25	cps
Cadmium	108-1	4088	3821	3992	3967	3.41	cps
Calcium	43-1	4485812	4492185	4545513	4507837	0.73	cps
Calcium	44-1	73734704	74210435	75431091	74458743	1.18	cps
Chromium	52-2	80398	80465	81072	80645	0.46	cps
Cobalt	59-2	7836	7862	8002	7900	1.13	cps
Copper	63-2	37705	37795	38721	38074	1.48	cps
Dysprosium	156-1	58	1250	667	658	90.51	cps
Dysprosium	156-2	53	47	50	50	6.66	cps
Erbium	164-1	200	167	192	186	9.32	cps
Erbium	164-2	73	100	100	91	16.90	cps
Gadolinium	160-1	183	192	158	178	9.76	cps
Gadolinium	160-2	343	340	393	359	8.32	cps
Holmium	165-1	20670448	20606024	20755872	20677448	0.36	cps
Holmium	165-2	9813404	9989797	9869273	9890825	0.91	cps
Indium	115-1	15214389	15034850	15116957	15122066	0.59	cps
Indium	115-2	2699128	2748111	2738940	2728726	0.95	cps
Iron	56-2	346726497	344992219	347180874	346299863	0.33	cps
Iron	57-2	8484720	8426417	8538238	8483125	0.66	cps
Krypton	83-1	1630	1677	1743	1683	3.38	cps
Lead	206-1	58356	59366	58395	58706	0.97	cps
Lead	207-1	44291	45718	44954	44988	1.59	cps
Lead	208-1	214840	213743	216502	215028	0.65	cps
Lithium	6-1	5311948	5159314	5208659	5226641	1.49	cps
Magnesium	24-2	34025825	33838883	33963780	33942829	0.28	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:21:43	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19587	19423	19563	19524	0.45	cps
Molybdenum	94-1	7604607	7724848	7763725	7697727	1.08	cps
Molybdenum	95-1	13432586	13571202	13689686	13564491	0.95	cps
Molybdenum	96-1	14381608	14443451	14498514	14441191	0.40	cps
Molybdenum	97-1	8415015	8488074	8508311	8470466	0.58	cps
Molybdenum	98-1	21737377	21944745	22112481	21931534	0.86	cps
Neodymium	150-1	60	380	153	198	83.21	cps
Neodymium	150-2	30	33	37	33	10.01	cps
Nickel	60-2	9293	9346	9106	9249	1.36	cps
Phosphorus	31-2	823926	811747	832436	822703	1.26	cps
Potassium	39-2	31563494	31074549	31768988	31469010	1.13	cps
Rhodium	103-1	13382308	13303829	13368379	13351506	0.31	cps
Rhodium	103-2	5902295	6001152	5994093	5965847	0.92	cps
Scandium	45-1	10244995	10136908	10330868	10237591	0.95	cps
Scandium	45-2	426227	428957	432328	429171	0.71	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	50	91	87	76	29.67	cps
Selenium	82-1	275	260	188	241	19.43	cps
Silicon	28-1	425006	430475	434866	430116	1.15	cps
Silver	109-1	725	758	717	733	3.01	cps
Silver	107-1	633	692	858	728	16.04	cps
Sodium	23-2	66803504	66701739	67118083	66874442	0.32	cps
Strontium	86-1	157245	158196	160210	158550	0.95	cps
Strontium	88-1	1355709	1358004	1374250	1362655	0.74	cps
Sulfur	34-1	7411505	7319518	7479075	7403366	1.08	cps
Terbium	159-1	21187324	21039012	21178865	21135067	0.39	cps
Terbium	159-2	9510962	9613175	9521314	9548484	0.59	cps
Thallium	203-1	2392	2609	2909	2636	9.84	cps
Thallium	205-1	5093	5335	5785	5404	6.50	cps
Thorium	232-1	2211	2500	2200	2304	7.38	cps
Tin	118-1	2984	3276	2925	3062	6.13	cps
Titanium	47-1	4061323	4092802	4148279	4100801	1.07	cps
Uranium	238-1	2600	2934	2800	2778	6.04	cps
Vanadium	51-2	500	570	613	561	10.19	cps
Yttrium	89-1	16436653	16073918	16476039	16328870	1.36	cps
Yttrium	89-2	2133488	2195669	2174985	2168047	1.46	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:21:43	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7502	7705	7892	7700	2.53	cps
Zirconium	90-1	1408	1575	1408	1464	6.57	cps
Zirconium	91-1	317	550	408	425	27.66	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14262599	14278478	14212986	14251354	0.24	cps
Antimony	121-1	278082	277325	280775	278727	0.65	cps
Arsenic	75-1	113847	115073	116252	115057	1.05	cps
Barium	135-1	77475	76251	77650	77125	0.99	cps
Barium	137-1	132055	132110	133571	132579	0.65	cps
Beryllium	9-1	71652	72082	72433	72056	0.54	cps
Bismuth	209-1	12065669	12306716	12320004	12230796	1.17	cps
Bismuth	209-2	6597524	6518445	6596454	6570808	0.69	cps
Boron	10-1	3784	3459	3451	3564	5.33	cps
Boron	11-1	18195	18287	18145	18209	0.40	cps
Cadmium	111-1	79925	81838	80480	80748	1.22	cps
Cadmium	106-1	13056	12981	13140	13059	0.61	cps
Cadmium	108-1	8273	8549	8499	8440	1.74	cps
Calcium	43-1	4623389	4653392	4713427	4663403	0.98	cps
Calcium	44-1	76206925	76373785	77258937	76613216	0.74	cps
Chromium	52-2	167513	167773	167762	167682	0.09	cps
Cobalt	59-2	141849	143429	143952	143076	0.77	cps
Copper	63-2	131101	132961	131020	131694	0.83	cps
Dysprosium	156-1	108	83	67	86	24.35	cps
Dysprosium	156-2	47	43	47	46	4.23	cps
Erbium	164-1	133	233	167	178	28.64	cps
Erbium	164-2	90	123	87	100	20.28	cps
Gadolinium	160-1	183	67	242	164	54.37	cps
Gadolinium	160-2	393	320	260	324	20.58	cps
Holmium	165-1	21152867	21515143	21570517	21412842	1.06	cps
Holmium	165-2	10010411	9916007	10065108	9997175	0.75	cps
Indium	115-1	15484459	15903855	15835622	15741312	1.43	cps
Indium	115-2	2775539	2779312	2831065	2795305	1.11	cps
Iron	56-2	358123608	355511386	356082964	356572652	0.39	cps
Iron	57-2	8721489	8733122	8716387	8723666	0.10	cps
Krypton	83-1	1757	1697	1653	1702	3.05	cps
Lead	206-1	286889	287883	287553	287442	0.18	cps
Lead	207-1	233718	233985	239144	235616	1.30	cps
Lead	208-1	1088399	1097206	1101043	1095549	0.59	cps
Lithium	6-1	5270302	5340946	5297912	5303053	0.67	cps
Magnesium	24-2	35446690	35321571	35708509	35492257	0.56	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68633	69195	69272	69033	0.51	cps
Molybdenum	94-1	7930422	7914237	7985151	7943270	0.47	cps
Molybdenum	95-1	13954434	13897739	14013724	13955299	0.42	cps
Molybdenum	96-1	14790723	14818365	14961973	14857020	0.62	cps
Molybdenum	97-1	8609765	8758941	8792639	8720448	1.12	cps
Molybdenum	98-1	22295111	22588175	22642480	22508589	0.83	cps
Neodymium	150-1	80	100	67	82	20.40	cps
Neodymium	150-2	20	23	43	29	43.68	cps
Nickel	60-2	44732	44755	44203	44563	0.70	cps
Phosphorus	31-2	853073	856540	857905	855839	0.29	cps
Potassium	39-2	32852450	32523898	32914201	32763516	0.64	cps
Rhodium	103-1	13810172	13933554	13986781	13910169	0.65	cps
Rhodium	103-2	6099966	6086682	6192919	6126522	0.94	cps
Scandium	45-1	10610489	10786965	10820070	10739175	1.05	cps
Scandium	45-2	449049	445127	454220	449465	1.01	cps
Selenium	77-2	247	290	270	269	8.07	cps
Selenium	78-2	950	870	950	923	4.98	cps
Selenium	82-1	6066	6084	6336	6162	2.45	cps
Silicon	28-1	457164	458677	464184	460008	0.80	cps
Silver	109-1	318734	324124	324889	322582	1.04	cps
Silver	107-1	332590	336575	337953	335706	0.83	cps
Sodium	23-2	70192343	69882020	70560210	70211524	0.48	cps
Strontium	86-1	160774	163041	165629	163148	1.49	cps
Strontium	88-1	1385796	1390183	1393497	1389825	0.28	cps
Sulfur	34-1	7558359	7574156	7710268	7614261	1.10	cps
Terbium	159-1	21620297	21987227	21872011	21826512	0.86	cps
Terbium	159-2	9712201	9662650	9786967	9720606	0.64	cps
Thallium	203-1	284829	286531	286052	285804	0.31	cps
Thallium	205-1	680517	685920	689840	685425	0.68	cps
Thorium	232-1	2072	2284	2467	2274	8.68	cps
Tin	118-1	2717	3193	2984	2964	8.04	cps
Titanium	47-1	4191991	4229089	4227469	4216183	0.50	cps
Uranium	238-1	2717	2884	2750	2784	3.17	cps
Vanadium	51-2	68903	68478	68361	68581	0.42	cps
Yttrium	89-1	16751781	17121150	17149819	17007583	1.31	cps
Yttrium	89-2	2236838	2201688	2252141	2230222	1.16	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:26:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21076	21302	21446	21275	0.88	cps
Zirconium	90-1	1333	1342	1642	1439	12.21	cps
Zirconium	91-1	333	400	383	372	9.32	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8338426	8357656	8354532	8350205	0.12	cps
Antimony	121-1	6392780	6391701	6418254	6400911	0.23	cps
Arsenic	75-1	2383271	2389983	2397385	2390213	0.30	cps
Barium	135-1	8722027	8663358	8779579	8721655	0.67	cps
Barium	137-1	15131965	15232741	15210299	15191669	0.35	cps
Beryllium	9-1	1746670	1739331	1773165	1753055	1.02	cps
Bismuth	209-1	11238328	11548639	11600275	11462414	1.71	cps
Bismuth	209-2	6360015	6290858	6197682	6282852	1.30	cps
Boron	10-1	286016	289354	294309	289893	1.44	cps
Boron	11-1	1350041	1364474	1399284	1371267	1.85	cps
Cadmium	111-1	1876036	1917288	1903867	1899064	1.11	cps
Cadmium	106-1	216446	216572	220306	217775	1.01	cps
Cadmium	108-1	144554	144174	145180	144636	0.35	cps
Calcium	43-1	11544279	11469428	11590041	11534582	0.53	cps
Calcium	44-1	187747550	185871117	187982646	187200438	0.62	cps
Chromium	52-2	2163352	2170047	2172758	2168719	0.22	cps
Cobalt	59-2	3265632	3301696	3347533	3304954	1.24	cps
Copper	63-2	4827539	4898408	4901816	4875921	0.86	cps
Dysprosium	156-1	150	200	233	194	21.57	cps
Dysprosium	156-2	237	190	163	197	18.87	cps
Erbium	164-1	158	233	125	172	32.22	cps
Erbium	164-2	107	77	100	94	16.68	cps
Gadolinium	160-1	183	208	183	192	7.53	cps
Gadolinium	160-2	377	337	397	370	8.26	cps
Holmium	165-1	20255233	20897234	21089007	20747158	2.10	cps
Holmium	165-2	9965077	9835998	9652986	9818020	1.60	cps
Indium	115-1	14615900	15116791	15151191	14961294	2.00	cps
Indium	115-2	2755397	2779326	2740616	2758446	0.71	cps
Iron	56-2	440928121	445495443	441489088	442637551	0.56	cps
Iron	57-2	10833966	10900556	10964809	10899777	0.60	cps
Krypton	83-1	1787	1690	1793	1757	3.29	cps
Lead	206-1	5377201	5487743	5437415	5434120	1.02	cps
Lead	207-1	4666925	4738943	4723660	4709843	0.81	cps
Lead	208-1	21510729	21749292	21639850	21633290	0.55	cps
Lithium	6-1	5098370	5187645	5285423	5190479	1.80	cps
Magnesium	24-2	87622360	87416264	87204144	87414256	0.24	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2476533	2515080	2495736	2495783	0.77	cps
Molybdenum	94-1	14686541	14828346	14763911	14759599	0.48	cps
Molybdenum	95-1	18033452	18161136	18085811	18093466	0.35	cps
Molybdenum	96-1	19993061	20060156	20135644	20062954	0.36	cps
Molybdenum	97-1	11350205	11275261	11283073	11302846	0.36	cps
Molybdenum	98-1	29168108	28932331	29256644	29119028	0.58	cps
Neodymium	150-1	600	673	633	636	5.78	cps
Neodymium	150-2	100	93	83	92	9.09	cps
Nickel	60-2	850626	859425	869304	859785	1.09	cps
Phosphorus	31-2	89485	88420	90809	89571	1.34	cps
Potassium	39-2	42153179	42277617	42198850	42209882	0.15	cps
Rhodium	103-1	12959744	13231816	13246085	13145882	1.23	cps
Rhodium	103-2	5908608	5911661	5912542	5910937	0.03	cps
Scandium	45-1	10346648	10787387	10682029	10605354	2.17	cps
Scandium	45-2	460215	460332	451727	457425	1.08	cps
Selenium	77-2	6108	5978	6091	6059	1.17	cps
Selenium	78-2	20387	20351	20105	20281	0.76	cps
Selenium	82-1	139050	139022	139387	139153	0.15	cps
Silicon	28-1	6290872	6440203	6583941	6438339	2.28	cps
Silver	109-1	8576179	8625448	8619026	8606885	0.31	cps
Silver	107-1	9017651	8939792	8982657	8980034	0.43	cps
Sodium	23-2	175303462	174040337	174090571	174478123	0.41	cps
Strontium	86-1	2306978	2310125	2333147	2316750	0.62	cps
Strontium	88-1	20374313	20473865	20498161	20448780	0.32	cps
Sulfur	34-1	1317043	1323299	1332440	1324261	0.58	cps
Terbium	159-1	20572980	21175353	21150795	20966376	1.63	cps
Terbium	159-2	9696834	9573281	9487097	9585737	1.10	cps
Thallium	203-1	6691394	6748525	6790744	6743554	0.74	cps
Thallium	205-1	16311288	16293920	16279052	16294753	0.10	cps
Thorium	232-1	23458710	23461606	23624109	23514808	0.40	cps
Tin	118-1	5721316	5682710	5728807	5710944	0.43	cps
Titanium	47-1	5156309	5254764	5289557	5233543	1.32	cps
Uranium	238-1	22314421	21986455	22265198	22188691	0.80	cps
Vanadium	51-2	1758162	1763552	1760389	1760701	0.15	cps
Yttrium	89-1	16288247	16778484	16695951	16587560	1.58	cps
Yttrium	89-2	2254375	2258598	2226656	2246543	0.77	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:31:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	749656	758291	762943	756963	0.89	cps
Zirconium	90-1	12451930	12441034	12328140	12407035	0.55	cps
Zirconium	91-1	2697181	2723314	2710854	2710450	0.48	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:37:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	392	300	372	17.39	cps
Antimony	121-1	2359	3067	3042	2823	14.24	cps
Arsenic	75-1	7754	8393	8160	8102	3.99	cps
Barium	135-1	392	308	525	408	26.77	cps
Barium	137-1	650	667	783	700	10.38	cps
Beryllium	9-1	183	194	161	180	9.45	cps
Bismuth	209-1	12953391	13275427	13041631	13090150	1.27	cps
Bismuth	209-2	7230660	7411043	7396996	7346233	1.37	cps
Boron	10-1	8753	8628	8561	8647	1.13	cps
Boron	11-1	41224	40255	38985	40155	2.80	cps
Cadmium	111-1	4706	4527	4948	4727	4.48	cps
Cadmium	106-1	6510	6168	6794	6491	4.82	cps
Cadmium	108-1	25	29	46	33	33.06	cps
Calcium	43-1	683	583	625	631	7.97	cps
Calcium	44-1	22285	22686	21860	22277	1.85	cps
Chromium	52-2	813	703	877	798	10.99	cps
Cobalt	59-2	267	197	253	239	15.56	cps
Copper	63-2	3924	3847	3791	3854	1.74	cps
Dysprosium	156-1	75	75	33	61	39.37	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	167	117	67	117	42.86	cps
Erbium	164-2	60	63	40	54	23.18	cps
Gadolinium	160-1	150	50	133	111	48.22	cps
Gadolinium	160-2	390	313	367	357	11.02	cps
Holmium	165-1	20836850	21516702	20907617	21087056	1.77	cps
Holmium	165-2	9826159	10039168	10180309	10015212	1.78	cps
Indium	115-1	16140449	16567274	16272944	16326889	1.34	cps
Indium	115-2	2842555	2931930	2978949	2917811	2.37	cps
Iron	56-2	24143	23274	23642	23686	1.84	cps
Iron	57-2	700	617	800	706	13.01	cps
Krypton	83-1	1600	1757	1730	1696	4.94	cps
Lead	206-1	2395	2373	2550	2439	3.97	cps
Lead	207-1	2250	2295	2184	2243	2.49	cps
Lead	208-1	9046	9429	9251	9242	2.08	cps
Lithium	6-1	5486287	5647909	5611817	5582005	1.52	cps
Magnesium	24-2	3759	3117	3601	3492	9.57	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:37:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240	227	243	237	3.73	cps
Molybdenum	94-1	1625	1558	1809	1664	7.78	cps
Molybdenum	95-1	1425	1567	1609	1533	6.27	cps
Molybdenum	96-1	1775	2009	1825	1870	6.57	cps
Molybdenum	97-1	1125	1042	1000	1056	6.03	cps
Molybdenum	98-1	2434	2775	3175	2795	13.29	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	57	73	80	70	17.17	cps
Phosphorus	31-2	125	92	142	119	21.31	cps
Potassium	39-2	28979	28161	29555	28898	2.42	cps
Rhodium	103-1	14820661	15137716	15046823	15001734	1.09	cps
Rhodium	103-2	6545654	6593469	6748488	6629204	1.60	cps
Scandium	45-1	10690312	10945062	10912565	10849313	1.28	cps
Scandium	45-2	428051	441376	449644	439690	2.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	70	74	69	8.19	cps
Selenium	82-1	370	268	297	312	16.91	cps
Silicon	28-1	239641	235569	240836	238682	1.16	cps
Silver	109-1	967	1025	1125	1039	7.71	cps
Silver	107-1	1375	1292	1317	1328	3.22	cps
Sodium	23-2	29330	28904	28720	28984	1.08	cps
Strontium	86-1	3025	2650	2809	2828	6.66	cps
Strontium	88-1	975	1058	983	1006	4.56	cps
Sulfur	34-1	470988	472164	471850	471667	0.13	cps
Terbium	159-1	21250224	21922062	21595298	21589195	1.56	cps
Terbium	159-2	9709063	9847148	9901862	9819357	1.01	cps
Thallium	203-1	2042	2059	2067	2056	0.62	cps
Thallium	205-1	4301	4943	4259	4501	8.51	cps
Thorium	232-1	3928	3762	4268	3986	6.47	cps
Tin	118-1	1825	1884	2142	1950	8.64	cps
Titanium	47-1	425	367	442	411	9.58	cps
Uranium	238-1	2884	2784	2659	2775	4.06	cps
Vanadium	51-2	77	50	77	68	22.72	cps
Yttrium	89-1	17026228	17366042	17109609	17167293	1.03	cps
Yttrium	89-2	2174413	2235702	2283077	2231064	2.44	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:37:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	410	423	400	411	2.85	cps
Zirconium	90-1	1892	1625	1750	1756	7.60	cps
Zirconium	91-1	442	333	425	400	14.58	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2792	2884	3050	2909	4.50	cps
Antimony	121-1	25800	26117	25958	25958	0.61	cps
Arsenic	75-1	21026	21040	21138	21068	0.29	cps
Barium	135-1	35396	35053	34786	35079	0.87	cps
Barium	137-1	60717	61177	60198	60697	0.81	cps
Beryllium	9-1	3745	3506	3878	3710	5.08	cps
Bismuth	209-1	12810159	12945858	13074423	12943480	1.02	cps
Bismuth	209-2	7146256	6920225	7134023	7066835	1.80	cps
Boron	10-1	17244	16802	17302	17116	1.60	cps
Boron	11-1	78361	79015	77944	78440	0.69	cps
Cadmium	111-1	8195	7706	8384	8095	4.32	cps
Cadmium	106-1	6318	6027	6719	6354	5.47	cps
Cadmium	108-1	363	358	308	343	8.79	cps
Calcium	43-1	23728	22635	23636	23333	2.60	cps
Calcium	44-1	381126	388952	383545	384541	1.04	cps
Chromium	52-2	8816	8566	8819	8734	1.66	cps
Cobalt	59-2	6642	6315	6722	6559	3.29	cps
Copper	63-2	12526	11882	12399	12269	2.78	cps
Dysprosium	156-1	33	25	83	47	66.82	cps
Dysprosium	156-2	23	23	13	20	28.87	cps
Erbium	164-1	158	158	58	125	46.19	cps
Erbium	164-2	87	63	77	76	15.50	cps
Gadolinium	160-1	100	100	158	119	28.20	cps
Gadolinium	160-2	343	360	367	357	3.37	cps
Holmium	165-1	20756654	20726345	21055413	20846137	0.87	cps
Holmium	165-2	9874058	9903472	9790227	9855919	0.60	cps
Indium	115-1	15996476	15975070	16165922	16045823	0.65	cps
Indium	115-2	2779231	2815266	2808460	2800986	0.68	cps
Iron	56-2	188360	186120	189355	187945	0.88	cps
Iron	57-2	4812	4812	5251	4958	5.11	cps
Krypton	83-1	1593	1503	1550	1549	2.91	cps
Lead	206-1	13018	12573	12540	12710	2.10	cps
Lead	207-1	10660	10916	11094	10890	2.00	cps
Lead	208-1	49576	49665	49376	49539	0.30	cps
Lithium	6-1	5508050	5451695	5454567	5471437	0.58	cps
Magnesium	24-2	175355	176462	175389	175735	0.36	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2690	2657	2490	2613	4.10	cps
Molybdenum	94-1	28880	28797	28229	28635	1.24	cps
Molybdenum	95-1	36113	35671	35378	35721	1.04	cps
Molybdenum	96-1	39113	39481	39873	39489	0.96	cps
Molybdenum	97-1	22969	22118	21625	22237	3.06	cps
Molybdenum	98-1	57090	57266	56630	56995	0.58	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1860	1767	1803	1810	2.60	cps
Phosphorus	31-2	575	492	600	556	10.21	cps
Potassium	39-2	175680	175518	177931	176376	0.76	cps
Rhodium	103-1	14608111	14485743	14411531	14501795	0.68	cps
Rhodium	103-2	6325686	6334076	6359669	6339811	0.28	cps
Scandium	45-1	10443590	10501215	10428643	10457816	0.37	cps
Scandium	45-2	418195	415571	419485	417750	0.48	cps
Selenium	77-2	47	53	67	56	18.33	cps
Selenium	78-2	263	298	291	284	6.53	cps
Selenium	82-1	1963	2144	2029	2045	4.49	cps
Silicon	28-1	308455	311124	319283	312954	1.80	cps
Silver	109-1	17411	17837	17828	17692	1.38	cps
Silver	107-1	19039	18655	18554	18749	1.36	cps
Sodium	23-2	343782	341467	343702	342984	0.38	cps
Strontium	86-1	7436	7235	7344	7338	1.37	cps
Strontium	88-1	39229	40584	39932	39915	1.70	cps
Sulfur	34-1	476027	469562	476266	473952	0.80	cps
Terbium	159-1	21136053	21251996	21118106	21168718	0.34	cps
Terbium	159-2	9636963	9559163	9547651	9581259	0.51	cps
Thallium	203-1	14383	14734	15017	14712	2.16	cps
Thallium	205-1	35565	34337	36443	35448	2.98	cps
Thorium	232-1	43078	43591	43802	43491	0.86	cps
Tin	118-1	61318	61862	61041	61407	0.68	cps
Titanium	47-1	10096	10529	10379	10335	2.13	cps
Uranium	238-1	44069	44821	42756	43882	2.38	cps
Vanadium	51-2	17194	17143	16873	17070	1.01	cps
Yttrium	89-1	16555029	16677105	16570936	16601024	0.40	cps
Yttrium	89-2	2135369	2136592	2134223	2135395	0.06	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 12:54:49	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2137	2154	2194	2161	1.35	cps
Zirconium	90-1	23303	23203	22301	22936	2.41	cps
Zirconium	91-1	5126	5009	5109	5082	1.24	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : PB124403BL Instrumnet Name : P7
 Client Sample ID : PB124403BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:04:36 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	17	28	34.63	cps
Antimony	121-1	308	292	350	317	9.49	cps
Arsenic	75-1	7335	6691	7410	7145	5.53	cps
Barium	135-1	83	75	67	75	11.11	cps
Barium	137-1	183	100	133	139	30.20	cps
Beryllium	9-1	39	83	89	70	38.94	cps
Bismuth	209-1	12700239	13004097	12886320	12863552	1.19	cps
Bismuth	209-2	7165415	7189585	7125718	7160240	0.45	cps
Boron	10-1	2917	2900	3200	3006	5.61	cps
Boron	11-1	14057	13348	12681	13362	5.15	cps
Cadmium	111-1	4595	4366	4472	4478	2.55	cps
Cadmium	106-1	6543	6202	6360	6368	2.69	cps
Cadmium	108-1	33	0	25	19	89.21	cps
Calcium	43-1	208	150	242	200	23.20	cps
Calcium	44-1	13249	12390	12915	12851	3.37	cps
Chromium	52-2	650	717	687	684	4.88	cps
Cobalt	59-2	147	100	100	116	23.32	cps
Copper	63-2	2794	2890	2770	2818	2.26	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	7	17	30	18	65.83	cps
Erbium	164-1	92	150	100	114	27.70	cps
Erbium	164-2	103	43	83	77	39.85	cps
Gadolinium	160-1	133	125	200	153	26.91	cps
Gadolinium	160-2	310	383	307	333	13.00	cps
Holmium	165-1	20795395	20721054	20944447	20820299	0.55	cps
Holmium	165-2	9992327	9823099	9739915	9851780	1.31	cps
Indium	115-1	15876471	15989556	15916869	15927632	0.36	cps
Indium	115-2	2811659	2784970	2811873	2802834	0.55	cps
Iron	56-2	5207	5207	5162	5192	0.49	cps
Iron	57-2	333	261	328	307	13.07	cps
Krypton	83-1	1537	1680	1800	1672	7.88	cps
Lead	206-1	1122	1317	1295	1245	8.55	cps
Lead	207-1	1189	1045	1178	1137	7.07	cps
Lead	208-1	4378	4550	4873	4600	5.46	cps
Lithium	6-1	5464793	5536000	5481705	5494166	0.68	cps
Magnesium	24-2	283	208	175	222	24.97	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BL	Instrumnet Name :	P7
Client Sample ID :	PB124403BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:04:36	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	107	110	111	4.58	cps
Molybdenum	94-1	392	408	467	422	9.33	cps
Molybdenum	95-1	200	108	158	156	29.50	cps
Molybdenum	96-1	192	333	333	286	28.59	cps
Molybdenum	97-1	125	100	100	108	13.33	cps
Molybdenum	98-1	158	200	225	194	17.32	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	30	27	33	30	11.10	cps
Phosphorus	31-2	100	167	150	139	24.98	cps
Potassium	39-2	23603	22317	23027	22982	2.80	cps
Rhodium	103-1	14357502	14484397	14490411	14444103	0.52	cps
Rhodium	103-2	6345247	6267129	6344037	6318805	0.71	cps
Scandium	45-1	10363527	10342748	10335297	10347190	0.14	cps
Scandium	45-2	412587	417437	413414	414479	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	59	52	70	35.65	cps
Selenium	82-1	308	68	138	171	71.89	cps
Silicon	28-1	211855	213334	211248	212146	0.51	cps
Silver	109-1	183	100	83	122	43.83	cps
Silver	107-1	225	300	192	239	23.23	cps
Sodium	23-2	15108	14482	14232	14608	3.09	cps
Strontium	86-1	2667	2409	2642	2573	5.54	cps
Strontium	88-1	200	225	225	217	6.66	cps
Sulfur	34-1	479679	481456	476755	479297	0.50	cps
Terbium	159-1	20984174	21314458	21279037	21192556	0.86	cps
Terbium	159-2	9678094	9627638	9652456	9652729	0.26	cps
Thallium	203-1	683	792	825	767	9.66	cps
Thallium	205-1	1583	1358	1283	1408	11.09	cps
Thorium	232-1	1761	2072	1961	1932	8.16	cps
Tin	118-1	1292	1142	1450	1295	11.91	cps
Titanium	47-1	258	108	233	200	40.18	cps
Uranium	238-1	2117	2059	1934	2036	4.60	cps
Vanadium	51-2	13	0	7	7	99.98	cps
Yttrium	89-1	16423736	16520679	16520361	16488259	0.34	cps
Yttrium	89-2	2137353	2123899	2127001	2129418	0.33	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BL	Instrumnet Name :	P7
Client Sample ID :	PB124403BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:04:36	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	313	270	300	294	7.54	cps
Zirconium	90-1	1175	1108	1275	1186	7.07	cps
Zirconium	91-1	225	200	183	203	10.34	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : PB124403BS Instrumnet Name : P7
 Client Sample ID : PB124403BS Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:08:10 DataFile Name : 023DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1478406	1461627	1473059	1471031	0.58	cps
Antimony	121-1	6786566	6763930	6784422	6778306	0.18	cps
Arsenic	75-1	2568543	2585559	2560427	2571510	0.50	cps
Barium	135-1	8841122	8892598	8763629	8832450	0.74	cps
Barium	137-1	15497901	15504994	15372066	15458320	0.48	cps
Beryllium	9-1	1819945	1829369	1808192	1819169	0.58	cps
Bismuth	209-1	12705520	12470550	12432166	12536079	1.18	cps
Bismuth	209-2	6807242	6782607	6850594	6813481	0.51	cps
Boron	10-1	274301	282532	285798	280877	2.11	cps
Boron	11-1	1271404	1320361	1337688	1309817	2.62	cps
Cadmium	111-1	1931903	1963241	1968711	1954618	1.02	cps
Cadmium	106-1	221482	227881	224789	224717	1.42	cps
Cadmium	108-1	147151	149138	148856	148381	0.72	cps
Calcium	43-1	2336438	2340630	2312555	2329874	0.65	cps
Calcium	44-1	38232563	38260315	37920426	38137768	0.49	cps
Chromium	52-2	2026906	2013665	2021078	2020550	0.33	cps
Cobalt	59-2	3247245	3273072	3251143	3257154	0.43	cps
Copper	63-2	4499513	4493212	4482760	4491829	0.19	cps
Dysprosium	156-1	175	150	150	158	9.12	cps
Dysprosium	156-2	147	143	150	147	2.27	cps
Erbium	164-1	75	117	192	128	46.27	cps
Erbium	164-2	63	80	63	69	13.97	cps
Gadolinium	160-1	175	142	100	139	27.06	cps
Gadolinium	160-2	343	353	327	341	3.95	cps
Holmium	165-1	21365669	21044580	20964613	21124954	1.00	cps
Holmium	165-2	9971244	9967133	10059791	9999389	0.52	cps
Indium	115-1	15621695	15627132	15613832	15620886	0.04	cps
Indium	115-2	2783840	2774166	2793757	2783921	0.35	cps
Iron	56-2	87408491	88376321	87507177	87763996	0.61	cps
Iron	57-2	2125054	2135393	2126146	2128864	0.27	cps
Krypton	83-1	1670	1683	1730	1695	1.86	cps
Lead	206-1	5721457	5739619	5725019	5728698	0.17	cps
Lead	207-1	4944773	4926255	4942191	4937739	0.20	cps
Lead	208-1	22830525	22642873	22764596	22745998	0.42	cps
Lithium	6-1	5477811	5480536	5438378	5465575	0.43	cps
Magnesium	24-2	17102880	17056305	17138878	17099354	0.24	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : PB124403BS Instrumnet Name : P7
 Client Sample ID : PB124403BS Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:08:10 DataFile Name : 023DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2411862	2419948	2439622	2423811	0.59	cps
Molybdenum	94-1	14752160	14763634	14627971	14714588	0.51	cps
Molybdenum	95-1	17994671	18164614	18164946	18108077	0.54	cps
Molybdenum	96-1	19927685	20029910	20135218	20030938	0.52	cps
Molybdenum	97-1	11272848	11282774	11283817	11279813	0.05	cps
Molybdenum	98-1	29308238	29319312	29088295	29238615	0.45	cps
Neodymium	150-1	633	567	520	573	9.93	cps
Neodymium	150-2	63	43	47	51	20.96	cps
Nickel	60-2	850058	852694	849799	850850	0.19	cps
Phosphorus	31-2	85135	83433	85435	84668	1.28	cps
Potassium	39-2	7819165	7806958	7850664	7825596	0.29	cps
Rhodium	103-1	13944874	13973085	13885509	13934489	0.32	cps
Rhodium	103-2	6186465	6151403	6148506	6162124	0.34	cps
Scandium	45-1	10573653	10495282	10453485	10507473	0.58	cps
Scandium	45-2	427029	428679	428771	428160	0.23	cps
Selenium	77-2	5935	6278	6161	6125	2.85	cps
Selenium	78-2	20759	20908	21323	20997	1.39	cps
Selenium	82-1	151559	152961	152471	152330	0.47	cps
Silicon	28-1	5475099	5550228	5551555	5525628	0.79	cps
Silver	109-1	8748135	8860577	8885519	8831410	0.83	cps
Silver	107-1	9140948	9182064	9167899	9163637	0.23	cps
Sodium	23-2	33478407	33527704	33647027	33551046	0.26	cps
Strontium	86-1	2327541	2341265	2335465	2334757	0.30	cps
Strontium	88-1	20315723	20511081	20443719	20423508	0.49	cps
Sulfur	34-1	1341080	1357380	1340280	1346246	0.72	cps
Terbium	159-1	21406945	21469503	21273483	21383310	0.47	cps
Terbium	159-2	9684441	9698979	9755277	9712899	0.39	cps
Thallium	203-1	7269591	7270172	7234485	7258083	0.28	cps
Thallium	205-1	17198176	17262377	17326083	17262212	0.37	cps
Thorium	232-1	23608360	23672767	23533860	23604996	0.29	cps
Tin	118-1	5788793	5857681	5910630	5852368	1.04	cps
Titanium	47-1	5106137	5140775	5100074	5115662	0.43	cps
Uranium	238-1	22387117	22359320	22370629	22372355	0.06	cps
Vanadium	51-2	1639565	1642841	1642569	1641658	0.11	cps
Yttrium	89-1	16655638	16619690	16562118	16612482	0.28	cps
Yttrium	89-2	2180243	2176667	2191989	2182966	0.37	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	PB124403BS	Instrumnet Name :	P7
Client Sample ID :	PB124403BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:08:10	DataFile Name :	023DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	691711	684868	689598	688726	0.51	cps
Zirconium	90-1	12329553	12291178	12163376	12261369	0.71	cps
Zirconium	91-1	2705207	2677414	2698959	2693860	0.54	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14382	14574	14266	14407	1.08	cps
Antimony	121-1	6193	7019	7235	6816	8.07	cps
Arsenic	75-1	8358	8858	8257	8491	3.79	cps
Barium	135-1	30100	29850	28948	29632	2.05	cps
Barium	137-1	51036	51588	50718	51114	0.86	cps
Beryllium	9-1	122	161	217	167	28.48	cps
Bismuth	209-1	12641465	12802075	12650781	12698107	0.71	cps
Bismuth	209-2	6837354	6951760	7039934	6943016	1.46	cps
Boron	10-1	18787	18395	17761	18314	2.83	cps
Boron	11-1	88115	85408	82718	85414	3.16	cps
Cadmium	111-1	4447	4616	4454	4506	2.12	cps
Cadmium	106-1	6085	6377	6243	6235	2.34	cps
Cadmium	108-1	29	50	71	50	41.67	cps
Calcium	43-1	591337	596513	595121	594324	0.45	cps
Calcium	44-1	9792827	9845042	9882416	9840095	0.46	cps
Chromium	52-2	23028	23289	23736	23351	1.53	cps
Cobalt	59-2	990	1073	873	979	10.26	cps
Copper	63-2	1299700	1293109	1305571	1299460	0.48	cps
Dysprosium	156-1	183	175	150	169	10.24	cps
Dysprosium	156-2	77	73	97	82	15.35	cps
Erbium	164-1	267	317	283	289	8.81	cps
Erbium	164-2	133	117	100	117	14.29	cps
Gadolinium	160-1	233	300	225	253	16.26	cps
Gadolinium	160-2	403	537	447	462	14.71	cps
Holmium	165-1	20784658	20980446	20905485	20890196	0.47	cps
Holmium	165-2	9852396	9797572	9946240	9865403	0.76	cps
Indium	115-1	15811412	15860470	15797085	15822989	0.21	cps
Indium	115-2	2791094	2822489	2850869	2821484	1.06	cps
Iron	56-2	263378	263740	266794	264637	0.71	cps
Iron	57-2	10170	10148	10209	10176	0.30	cps
Krypton	83-1	1563	1653	1657	1625	3.26	cps
Lead	206-1	518151	517805	523573	519843	0.62	cps
Lead	207-1	420223	423161	428166	423850	0.95	cps
Lead	208-1	1974847	1990761	1995686	1987098	0.55	cps
Lithium	6-1	5399139	5400574	5436240	5411984	0.39	cps
Magnesium	24-2	1302616	1305445	1314732	1307598	0.48	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274968	276190	280422	277193	1.03	cps
Molybdenum	94-1	4768	4959	4893	4873	2.00	cps
Molybdenum	95-1	3909	4092	3826	3942	3.46	cps
Molybdenum	96-1	4468	4868	4759	4698	4.40	cps
Molybdenum	97-1	2400	2484	2417	2434	1.81	cps
Molybdenum	98-1	6160	6277	6643	6360	3.97	cps
Neodymium	150-1	127	160	107	131	20.55	cps
Neodymium	150-2	77	47	40	54	35.88	cps
Nickel	60-2	11385	11361	11411	11386	0.22	cps
Phosphorus	31-2	5935	5510	5851	5765	3.91	cps
Potassium	39-2	277488	275464	280563	277838	0.92	cps
Rhodium	103-1	14120475	14473668	14418358	14337500	1.33	cps
Rhodium	103-2	6270590	6261247	6356339	6296058	0.83	cps
Scandium	45-1	10382602	10363884	10469377	10405287	0.54	cps
Scandium	45-2	414088	415894	420434	416805	0.78	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	91	70	61	74	20.46	cps
Selenium	82-1	368	313	217	299	25.39	cps
Silicon	28-1	27351383	27341404	27572946	27421911	0.48	cps
Silver	109-1	1067	900	1050	1006	9.13	cps
Silver	107-1	1400	1175	1008	1195	16.46	cps
Sodium	23-2	16772124	16872429	16907010	16850521	0.42	cps
Strontium	86-1	176431	176499	174294	175741	0.71	cps
Strontium	88-1	1515810	1506586	1508684	1510360	0.32	cps
Sulfur	34-1	702123	697042	698812	699326	0.37	cps
Terbium	159-1	21124279	21386693	21129334	21213436	0.71	cps
Terbium	159-2	9615546	9605360	9635970	9618959	0.16	cps
Thallium	203-1	2009	1700	1734	1814	9.33	cps
Thallium	205-1	4259	3951	3701	3970	7.05	cps
Thorium	232-1	7119	7180	7508	7269	2.88	cps
Tin	118-1	656427	654452	657765	656215	0.25	cps
Titanium	47-1	3050	3409	3250	3237	5.55	cps
Uranium	238-1	3192	3276	3201	3223	1.42	cps
Vanadium	51-2	507	483	513	501	3.14	cps
Yttrium	89-1	16547988	16620156	16469534	16545893	0.46	cps
Yttrium	89-2	2141646	2136640	2178930	2152406	1.07	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5590-01	Instrumnet Name :	P7
Client Sample ID :	391024006	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:11:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	149119	149997	148297	149138	0.57	cps
Zirconium	90-1	6760	7502	7319	7194	5.37	cps
Zirconium	91-1	1383	1525	1367	1425	6.11	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3484	3409	3092	3328	6.25	cps
Antimony	121-1	1642	2059	2142	1947	13.76	cps
Arsenic	75-1	17938	17498	17138	17525	2.29	cps
Barium	135-1	1007692	1012612	1021570	1013958	0.69	cps
Barium	137-1	1759297	1764556	1778922	1767592	0.57	cps
Beryllium	9-1	144	167	189	167	13.33	cps
Bismuth	209-1	12778342	12778249	12835809	12797466	0.26	cps
Bismuth	209-2	7003995	7057113	7066071	7042393	0.48	cps
Boron	10-1	23619	24229	24120	23989	1.35	cps
Boron	11-1	112778	114416	116129	114441	1.46	cps
Cadmium	111-1	4572	4898	4787	4752	3.48	cps
Cadmium	106-1	6485	7019	6844	6782	4.01	cps
Cadmium	108-1	233	213	267	238	11.50	cps
Calcium	43-1	1672819	1671405	1679850	1674691	0.27	cps
Calcium	44-1	27610874	27834545	27548107	27664509	0.54	cps
Chromium	52-2	8342	8116	8426	8295	1.94	cps
Cobalt	59-2	5078	5461	5098	5212	4.14	cps
Copper	63-2	1306781	1322921	1310060	1313254	0.65	cps
Dysprosium	156-1	533	467	583	528	11.09	cps
Dysprosium	156-2	280	227	267	258	10.77	cps
Erbium	164-1	917	850	767	845	8.90	cps
Erbium	164-2	440	427	363	410	9.99	cps
Gadolinium	160-1	633	658	708	667	5.73	cps
Gadolinium	160-2	590	567	613	590	3.95	cps
Holmium	165-1	21047392	21171769	21071345	21096836	0.31	cps
Holmium	165-2	10079117	9963037	10086737	10042964	0.69	cps
Indium	115-1	16028814	16008370	15965614	16000933	0.20	cps
Indium	115-2	2855185	2844413	2835783	2845127	0.34	cps
Iron	56-2	9494840	9451856	9463479	9470059	0.23	cps
Iron	57-2	240328	238914	238123	239122	0.47	cps
Krypton	83-1	1550	1707	1703	1653	5.41	cps
Lead	206-1	695739	703914	703039	700897	0.64	cps
Lead	207-1	577645	576285	579740	577890	0.30	cps
Lead	208-1	2679224	2692193	2702034	2691151	0.43	cps
Lithium	6-1	5474567	5482732	5479248	5478849	0.07	cps
Magnesium	24-2	4822870	4800316	4770769	4797985	0.54	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31801	32513	31901	32072	1.20	cps
Molybdenum	94-1	63391	64924	64488	64267	1.23	cps
Molybdenum	95-1	3551	3459	3376	3462	2.53	cps
Molybdenum	96-1	14324	13699	14258	14094	2.44	cps
Molybdenum	97-1	2075	2284	2375	2245	6.85	cps
Molybdenum	98-1	5443	5676	5401	5507	2.69	cps
Neodymium	150-1	607	560	647	604	7.18	cps
Neodymium	150-2	167	163	180	170	5.19	cps
Nickel	60-2	11358	11375	11258	11330	0.56	cps
Phosphorus	31-2	558	550	550	553	0.87	cps
Potassium	39-2	421721	425780	424755	424085	0.50	cps
Rhodium	103-1	14284856	14427823	14459902	14390860	0.65	cps
Rhodium	103-2	6301203	6330102	6311738	6314347	0.23	cps
Scandium	45-1	10602582	10610450	10573694	10595575	0.18	cps
Scandium	45-2	426322	426631	422698	425217	0.51	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	104	80	104	96	14.53	cps
Selenium	82-1	566	440	278	428	33.71	cps
Silicon	28-1	93823933	94429944	94984575	94412817	0.61	cps
Silver	109-1	3000	3242	2742	2995	8.35	cps
Silver	107-1	3334	3484	3317	3378	2.72	cps
Sodium	23-2	8309588	8153450	8181838	8214959	1.01	cps
Strontium	86-1	1047889	1051852	1050744	1050162	0.19	cps
Strontium	88-1	9211035	9334430	9285243	9276903	0.67	cps
Sulfur	34-1	926315	922266	923212	923931	0.23	cps
Terbium	159-1	21583831	21548555	21561110	21564499	0.08	cps
Terbium	159-2	9653234	9715274	9694283	9687597	0.33	cps
Thallium	203-1	1250	1267	1133	1217	5.97	cps
Thallium	205-1	2367	2325	2034	2242	8.10	cps
Thorium	232-1	3584	4156	4029	3923	7.66	cps
Tin	118-1	68886	70217	70494	69866	1.23	cps
Titanium	47-1	5293	4826	4976	5032	4.74	cps
Uranium	238-1	134352	135446	134267	134688	0.49	cps
Vanadium	51-2	10070	9877	10177	10041	1.52	cps
Yttrium	89-1	16681796	16751809	16698037	16710547	0.22	cps
Yttrium	89-2	2153857	2181543	2163687	2166362	0.65	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01	Instrumnet Name :	P7
Client Sample ID :	391023064	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:15:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	192822	191346	192512	192227	0.40	cps
Zirconium	90-1	172428	173119	171892	172480	0.36	cps
Zirconium	91-1	39130	37417	37525	38024	2.52	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3551	3175	3301	3342	5.71	cps
Antimony	121-1	1233	1584	1500	1439	12.71	cps
Arsenic	75-1	18208	17756	17592	17852	1.79	cps
Barium	135-1	1006518	1009687	1009691	1008632	0.18	cps
Barium	137-1	1748734	1742023	1777528	1756095	1.07	cps
Beryllium	9-1	133	83	139	119	25.81	cps
Bismuth	209-1	12622405	12828976	12819966	12757116	0.92	cps
Bismuth	209-2	6867901	6982169	7095163	6981744	1.63	cps
Boron	10-1	22935	23319	24254	23502	2.89	cps
Boron	11-1	108707	109681	110342	109577	0.75	cps
Cadmium	111-1	5005	4773	4957	4912	2.49	cps
Cadmium	106-1	7235	6827	7019	7027	2.91	cps
Cadmium	108-1	258	288	217	254	14.01	cps
Calcium	43-1	1650282	1665360	1653962	1656535	0.47	cps
Calcium	44-1	27256108	27304460	27431603	27330724	0.33	cps
Chromium	52-2	8056	7966	8126	8049	1.00	cps
Cobalt	59-2	5221	5158	5278	5219	1.15	cps
Copper	63-2	1290448	1308014	1312418	1303627	0.89	cps
Dysprosium	156-1	433	442	542	472	12.77	cps
Dysprosium	156-2	307	237	233	259	16.00	cps
Erbium	164-1	833	1008	758	867	14.80	cps
Erbium	164-2	350	423	423	399	10.61	cps
Gadolinium	160-1	567	642	575	594	6.92	cps
Gadolinium	160-2	577	660	617	618	6.75	cps
Holmium	165-1	20838425	20870983	20980159	20896523	0.36	cps
Holmium	165-2	9935365	9921530	10028232	9961709	0.58	cps
Indium	115-1	15975157	16084150	15983386	16014231	0.38	cps
Indium	115-2	2827722	2835111	2842203	2835012	0.26	cps
Iron	56-2	9378586	9399579	9434452	9404205	0.30	cps
Iron	57-2	235037	238142	238135	237105	0.76	cps
Krypton	83-1	1543	1520	1653	1572	4.53	cps
Lead	206-1	694474	699497	703934	699301	0.68	cps
Lead	207-1	576237	583166	574857	578087	0.77	cps
Lead	208-1	2673368	2687243	2689280	2683297	0.32	cps
Lithium	6-1	5448427	5416516	5479337	5448093	0.58	cps
Magnesium	24-2	4711613	4723676	4787170	4740820	0.86	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31557	31714	32910	32061	2.31	cps
Molybdenum	94-1	65509	65425	65458	65464	0.06	cps
Molybdenum	95-1	3159	3192	3025	3125	2.82	cps
Molybdenum	96-1	14358	14074	14074	14169	1.16	cps
Molybdenum	97-1	1867	1817	1884	1856	1.87	cps
Molybdenum	98-1	5026	5043	5101	5057	0.78	cps
Neodymium	150-1	633	553	547	578	8.35	cps
Neodymium	150-2	167	163	207	179	13.48	cps
Nickel	60-2	10581	11051	11034	10889	2.45	cps
Phosphorus	31-2	625	667	525	606	12.02	cps
Potassium	39-2	416475	423771	425146	421797	1.10	cps
Rhodium	103-1	14176316	14341896	14434788	14317667	0.91	cps
Rhodium	103-2	6243217	6299444	6339332	6293998	0.77	cps
Scandium	45-1	10482781	10494963	10455566	10477770	0.19	cps
Scandium	45-2	417610	423841	426155	422535	1.05	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	96	126	102	108	14.58	cps
Selenium	82-1	574	585	470	543	11.67	cps
Silicon	28-1	94509377	94152081	93027063	93896174	0.82	cps
Silver	109-1	2809	3101	2609	2839	8.71	cps
Silver	107-1	3125	3242	3075	3148	2.72	cps
Sodium	23-2	8050010	8146567	8255552	8150710	1.26	cps
Strontium	86-1	1042619	1039683	1052851	1045051	0.66	cps
Strontium	88-1	9220910	9236304	9198808	9218674	0.20	cps
Sulfur	34-1	919927	919276	916362	918522	0.21	cps
Terbium	159-1	21712621	21514529	21583757	21603636	0.47	cps
Terbium	159-2	9619945	9669895	9766558	9685466	0.77	cps
Thallium	203-1	742	933	1033	903	16.42	cps
Thallium	205-1	1767	1584	1709	1686	5.56	cps
Thorium	232-1	2812	2962	3078	2950	4.53	cps
Tin	118-1	69196	68057	69179	68811	0.95	cps
Titanium	47-1	4801	4601	4484	4629	3.46	cps
Uranium	238-1	134974	133513	134063	134183	0.55	cps
Vanadium	51-2	10090	9840	9994	9975	1.26	cps
Yttrium	89-1	16724010	16842501	16710824	16759112	0.43	cps
Yttrium	89-2	2155166	2174413	2204330	2177970	1.14	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01DUP	Instrumnet Name :	P7
Client Sample ID :	391023064DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:18:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	189293	190276	189587	189719	0.27	cps
Zirconium	90-1	172116	176053	172081	173417	1.32	cps
Zirconium	91-1	38461	38035	39163	38553	1.48	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	783	758	775	1.86	cps
Antimony	121-1	592	667	733	664	10.67	cps
Arsenic	75-1	10094	10002	9760	9952	1.73	cps
Barium	135-1	203307	205198	201305	203270	0.96	cps
Barium	137-1	350434	356985	358195	355205	1.18	cps
Beryllium	9-1	78	111	72	87	24.17	cps
Bismuth	209-1	13048106	12854036	12894786	12932309	0.79	cps
Bismuth	209-2	7258690	7150019	7145645	7184785	0.89	cps
Boron	10-1	8886	9211	9045	9047	1.80	cps
Boron	11-1	41425	42227	42979	42210	1.84	cps
Cadmium	111-1	4798	4488	4629	4638	3.34	cps
Cadmium	106-1	6794	6385	6552	6577	3.12	cps
Cadmium	108-1	71	146	58	92	51.63	cps
Calcium	43-1	328472	337729	338661	334954	1.68	cps
Calcium	44-1	5376456	5516741	5588791	5493996	1.97	cps
Chromium	52-2	2320	2294	2244	2286	1.70	cps
Cobalt	59-2	1200	1327	1190	1239	6.15	cps
Copper	63-2	274159	276070	274106	274778	0.41	cps
Dysprosium	156-1	317	1125	833	758	53.98	cps
Dysprosium	156-2	90	100	73	88	15.35	cps
Erbium	164-1	308	283	275	289	6.00	cps
Erbium	164-2	150	153	153	152	1.27	cps
Gadolinium	160-1	292	183	192	222	27.13	cps
Gadolinium	160-2	397	367	390	384	4.10	cps
Holmium	165-1	20903374	20923085	21200571	21009010	0.79	cps
Holmium	165-2	10024415	10038689	9995692	10019599	0.22	cps
Indium	115-1	16340614	16261678	16235584	16279292	0.34	cps
Indium	115-2	2898303	2897757	2919763	2905274	0.43	cps
Iron	56-2	1908698	1899646	1896274	1901539	0.34	cps
Iron	57-2	48291	49685	49657	49211	1.62	cps
Krypton	83-1	1687	1690	1547	1641	4.99	cps
Lead	206-1	139705	140760	143887	141451	1.54	cps
Lead	207-1	115647	115472	117059	116059	0.75	cps
Lead	208-1	538194	536193	542985	539124	0.65	cps
Lithium	6-1	5493637	5398063	5462836	5451512	0.89	cps
Magnesium	24-2	973151	970421	972980	972184	0.16	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6832	7155	6825	6937	2.72	cps
Molybdenum	94-1	13540	12656	12973	13057	3.43	cps
Molybdenum	95-1	808	800	950	853	9.89	cps
Molybdenum	96-1	3142	2900	3601	3214	11.06	cps
Molybdenum	97-1	500	592	500	531	9.98	cps
Molybdenum	98-1	1317	1333	1325	1325	0.63	cps
Neodymium	150-1	120	547	333	333	64.00	cps
Neodymium	150-2	73	37	47	52	36.30	cps
Nickel	60-2	2390	2384	2390	2388	0.16	cps
Phosphorus	31-2	217	275	233	242	12.43	cps
Potassium	39-2	104575	104744	105088	104802	0.25	cps
Rhodium	103-1	14574591	14705675	14697737	14659334	0.50	cps
Rhodium	103-2	6489756	6448876	6506217	6481616	0.46	cps
Scandium	45-1	10448430	10616098	10714913	10593147	1.27	cps
Scandium	45-2	431518	430089	432930	431512	0.33	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	81	83	81	82	1.30	cps
Selenium	82-1	301	322	399	341	15.13	cps
Silicon	28-1	19160509	19062175	19471306	19231330	1.11	cps
Silver	109-1	608	675	767	683	11.63	cps
Silver	107-1	808	642	867	772	15.12	cps
Sodium	23-2	1653934	1659756	1635580	1649757	0.76	cps
Strontium	86-1	212992	213356	215596	213981	0.66	cps
Strontium	88-1	1817943	1851882	1855798	1841874	1.13	cps
Sulfur	34-1	546796	541867	541711	543458	0.53	cps
Terbium	159-1	21495550	21411729	21428621	21445300	0.21	cps
Terbium	159-2	9796301	9826127	9816337	9812922	0.15	cps
Thallium	203-1	908	767	742	806	11.16	cps
Thallium	205-1	1242	1308	1258	1270	2.73	cps
Thorium	232-1	2406	2284	2261	2317	3.36	cps
Tin	118-1	15584	15793	15125	15501	2.20	cps
Titanium	47-1	1158	1092	1050	1100	4.97	cps
Uranium	238-1	27506	27798	28499	27934	1.83	cps
Vanadium	51-2	1910	2017	2120	2016	5.21	cps
Yttrium	89-1	16743884	16944333	17055484	16914567	0.93	cps
Yttrium	89-2	2216464	2178128	2217747	2204113	1.02	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01LX5	Instrumnet Name :	P7
Client Sample ID :	391023064L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-30 13:22:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	41218	39774	40159	40384	1.85	cps
Zirconium	90-1	35646	34259	35603	35169	2.24	cps
Zirconium	91-1	8661	8078	8269	8336	3.57	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282550	284407	283796	283584	0.33	cps
Antimony	121-1	10926285	10976326	10990747	10964453	0.31	cps
Arsenic	75-1	6388543	6324268	6447804	6386872	0.97	cps
Barium	135-1	1721847	1719326	1752370	1731181	1.06	cps
Barium	137-1	2992074	3026281	3048208	3022187	0.94	cps
Beryllium	9-1	722364	727342	731350	727018	0.62	cps
Bismuth	209-1	12652550	12702963	12754241	12703251	0.40	cps
Bismuth	209-2	7001723	7031744	6932158	6988542	0.73	cps
Boron	10-1	190546	195935	198044	194842	1.98	cps
Boron	11-1	904763	909878	922230	912290	0.98	cps
Cadmium	111-1	780314	789176	791156	786882	0.73	cps
Cadmium	106-1	77195	76809	77604	77202	0.51	cps
Cadmium	108-1	52025	52418	52978	52473	0.91	cps
Calcium	43-1	1747472	1748458	1737371	1744434	0.35	cps
Calcium	44-1	28740080	28984507	28745712	28823433	0.48	cps
Chromium	52-2	1635582	1628585	1623027	1629065	0.39	cps
Cobalt	59-2	1343494	1338587	1344772	1342285	0.24	cps
Copper	63-2	2706983	2721185	2713637	2713935	0.26	cps
Dysprosium	156-1	843893	833961	839995	839283	0.60	cps
Dysprosium	156-2	248961	251758	250525	250415	0.56	cps
Erbium	164-1	825	833	1000	886	11.14	cps
Erbium	164-2	413	423	427	421	1.65	cps
Gadolinium	160-1	1042	808	800	883	15.53	cps
Gadolinium	160-2	673	740	727	713	4.95	cps
Holmium	165-1	21148393	21016022	21277709	21147375	0.62	cps
Holmium	165-2	10109335	10059494	10034781	10067870	0.38	cps
Indium	115-1	15813053	15970736	15938740	15907510	0.52	cps
Indium	115-2	2864729	2847241	2842791	2851587	0.41	cps
Iron	56-2	20289730	20223052	20311782	20274855	0.23	cps
Iron	57-2	503185	506426	501227	503613	0.52	cps
Krypton	83-1	1710	1667	1643	1673	2.02	cps
Lead	206-1	12375063	12376127	12469271	12406821	0.44	cps
Lead	207-1	10613120	10691840	10712557	10672506	0.49	cps
Lead	208-1	48174418	48553028	48803153	48510200	0.65	cps
Lithium	6-1	5656460	5709989	5698501	5688316	0.50	cps
Magnesium	24-2	5592578	5545286	5514769	5550877	0.71	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	514541	518006	513615	515387	0.45	cps
Molybdenum	94-1	1690005	1688166	1689841	1689337	0.06	cps
Molybdenum	95-1	2855864	2835779	2849609	2847084	0.36	cps
Molybdenum	96-1	3045573	3044258	3065180	3051671	0.38	cps
Molybdenum	97-1	1760493	1758350	1775196	1764680	0.52	cps
Molybdenum	98-1	4519057	4564863	4646437	4576786	1.41	cps
Neodymium	150-1	733	680	793	736	7.71	cps
Neodymium	150-2	213	217	173	201	11.99	cps
Nickel	60-2	881957	880204	875786	879316	0.36	cps
Phosphorus	31-2	50603	51072	51414	51030	0.80	cps
Potassium	39-2	3569817	3598918	3555125	3574620	0.62	cps
Rhodium	103-1	14321666	14314258	14461910	14365945	0.58	cps
Rhodium	103-2	6359317	6354877	6408414	6374203	0.47	cps
Scandium	45-1	10709983	10710448	10694281	10704904	0.09	cps
Scandium	45-2	432798	432213	431078	432030	0.20	cps
Selenium	77-2	24922	25022	24835	24926	0.38	cps
Selenium	78-2	83291	83038	82412	82914	0.55	cps
Selenium	82-1	603696	601303	611098	605366	0.84	cps
Silicon	28-1	104764217	105908338	104943823	105205459	0.58	cps
Silver	109-1	1327646	1336446	1326651	1330248	0.41	cps
Silver	107-1	1400176	1378639	1391697	1390171	0.78	cps
Sodium	23-2	10408468	10342312	10207107	10319296	0.99	cps
Strontium	86-1	2000988	1996015	2025067	2007357	0.77	cps
Strontium	88-1	17502409	17549350	17637106	17562955	0.39	cps
Sulfur	34-1	919362	919770	926072	921735	0.41	cps
Terbium	159-1	21731166	21597696	21653122	21660661	0.31	cps
Terbium	159-2	9935722	9899168	9827181	9887357	0.56	cps
Thallium	203-1	29380860	29039063	29367384	29262436	0.66	cps
Thallium	205-1	69254664	68948687	69351241	69184864	0.30	cps
Thorium	232-1	3517	3617	3884	3673	5.16	cps
Tin	118-1	8724370	8679389	8700566	8701441	0.26	cps
Titanium	47-1	428818	424042	430631	427831	0.80	cps
Uranium	238-1	131313	134054	133148	132838	1.05	cps
Vanadium	51-2	994557	1002155	994282	996998	0.45	cps
Yttrium	89-1	16785007	17067530	16779333	16877290	0.98	cps
Yttrium	89-2	2211777	2208450	2215121	2211783	0.15	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MS	Instrumnet Name :	P7
Client Sample ID :	391023064MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:26:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	335784	332268	329531	332528	0.94	cps
Zirconium	90-1	208008	207548	207179	207578	0.20	cps
Zirconium	91-1	46953	46894	48467	47438	1.88	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276891	275587	275095	275858	0.34	cps
Antimony	121-1	10979639	11052921	11003027	11011862	0.34	cps
Arsenic	75-1	6323996	6299537	6328262	6317265	0.25	cps
Barium	135-1	1721687	1736913	1745880	1734826	0.71	cps
Barium	137-1	2985183	2999553	2999588	2994775	0.28	cps
Beryllium	9-1	715933	720290	719742	718655	0.33	cps
Bismuth	209-1	12762084	12830423	12695637	12762715	0.53	cps
Bismuth	209-2	7008064	6844874	7055531	6969490	1.59	cps
Boron	10-1	196006	197771	200026	197934	1.02	cps
Boron	11-1	903267	928257	945009	925511	2.27	cps
Cadmium	111-1	781127	787771	776684	781861	0.71	cps
Cadmium	106-1	77445	76616	76992	77018	0.54	cps
Cadmium	108-1	53041	51891	51669	52200	1.41	cps
Calcium	43-1	1729776	1732429	1737160	1733122	0.22	cps
Calcium	44-1	28606112	28480320	28439320	28508584	0.30	cps
Chromium	52-2	1604711	1607910	1605717	1606112	0.10	cps
Cobalt	59-2	1314500	1318680	1326193	1319791	0.45	cps
Copper	63-2	2666531	2677391	2683646	2675856	0.32	cps
Dysprosium	156-1	839551	834263	844155	839323	0.59	cps
Dysprosium	156-2	247364	251166	249621	249383	0.77	cps
Erbium	164-1	825	967	992	928	9.69	cps
Erbium	164-2	400	397	460	419	8.51	cps
Gadolinium	160-1	733	933	825	831	12.05	cps
Gadolinium	160-2	650	730	730	703	6.57	cps
Holmium	165-1	21254498	21116566	21165738	21178934	0.33	cps
Holmium	165-2	10046931	10032912	9948434	10009426	0.53	cps
Indium	115-1	16091739	15864071	15793523	15916445	0.98	cps
Indium	115-2	2816229	2832294	2820913	2823145	0.29	cps
Iron	56-2	19890764	20059389	20000079	19983411	0.43	cps
Iron	57-2	492604	493456	496917	494325	0.46	cps
Krypton	83-1	1700	1667	1527	1631	5.64	cps
Lead	206-1	12544159	12504470	12418064	12488898	0.52	cps
Lead	207-1	10763816	10748784	10629801	10714134	0.69	cps
Lead	208-1	49065757	48948771	48601586	48872038	0.49	cps
Lithium	6-1	5667751	5676483	5673374	5672536	0.08	cps
Magnesium	24-2	5398989	5445836	5506951	5450592	0.99	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	503279	505325	509604	506069	0.64	cps
Molybdenum	94-1	1656804	1677347	1700982	1678378	1.32	cps
Molybdenum	95-1	2796208	2796383	2862083	2818225	1.35	cps
Molybdenum	96-1	3011424	2995956	3056866	3021415	1.05	cps
Molybdenum	97-1	1730087	1749262	1769070	1749473	1.11	cps
Molybdenum	98-1	4535016	4559778	4567810	4554201	0.38	cps
Neodymium	150-1	680	660	587	642	7.65	cps
Neodymium	150-2	207	180	160	182	12.85	cps
Nickel	60-2	861837	869898	877358	869697	0.89	cps
Phosphorus	31-2	50060	50537	49859	50152	0.69	cps
Potassium	39-2	3511392	3496480	3515575	3507816	0.29	cps
Rhodium	103-1	14399829	14283860	14464231	14382640	0.64	cps
Rhodium	103-2	6298212	6305398	6274584	6292732	0.26	cps
Scandium	45-1	10716433	10493447	10620180	10610020	1.05	cps
Scandium	45-2	423371	421931	424323	423208	0.28	cps
Selenium	77-2	24518	24230	25049	24599	1.69	cps
Selenium	78-2	82345	82957	83159	82820	0.51	cps
Selenium	82-1	599954	602520	603946	602140	0.34	cps
Silicon	28-1	103495665	104625590	105161759	104427671	0.81	cps
Silver	109-1	1313767	1323459	1315665	1317631	0.39	cps
Silver	107-1	1377011	1378047	1375374	1376811	0.10	cps
Sodium	23-2	10142492	10032066	10192291	10122283	0.81	cps
Strontium	86-1	1973074	2006124	1980748	1986649	0.87	cps
Strontium	88-1	17627025	17692918	17544793	17621579	0.42	cps
Sulfur	34-1	911822	912447	905531	909933	0.42	cps
Terbium	159-1	21764895	21540791	21577464	21627717	0.56	cps
Terbium	159-2	9799294	9737998	9837320	9791537	0.51	cps
Thallium	203-1	28941056	28945259	29244660	29043658	0.60	cps
Thallium	205-1	69132783	68926624	69245443	69101617	0.23	cps
Thorium	232-1	2950	3073	3367	3130	6.85	cps
Tin	118-1	8671999	8761886	8680234	8704706	0.57	cps
Titanium	47-1	423654	422678	422339	422890	0.16	cps
Uranium	238-1	134635	134249	134496	134460	0.15	cps
Vanadium	51-2	980206	980104	986921	982410	0.40	cps
Yttrium	89-1	16942321	16938538	16823862	16901573	0.40	cps
Yttrium	89-2	2188313	2185744	2196018	2190025	0.24	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01MSD	Instrumnet Name :	P7
Client Sample ID :	391023064MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:29:41	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	327627	329838	329627	329031	0.37	cps
Zirconium	90-1	201889	202261	202596	202249	0.17	cps
Zirconium	91-1	45841	45941	47421	46401	1.91	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279356	276989	278042	278129	0.43	cps
Antimony	121-1	10967023	11002098	10946171	10971764	0.26	cps
Arsenic	75-1	6255377	6338659	6304365	6299467	0.66	cps
Barium	135-1	1716058	1730090	1732190	1726113	0.51	cps
Barium	137-1	2999377	3009927	3032223	3013843	0.56	cps
Beryllium	9-1	722216	716028	709875	716040	0.86	cps
Bismuth	209-1	12901785	12685618	12751806	12779736	0.87	cps
Bismuth	209-2	7051166	7006187	7056889	7038081	0.39	cps
Boron	10-1	197094	199606	200102	198934	0.81	cps
Boron	11-1	920948	941061	942464	934824	1.29	cps
Cadmium	111-1	780193	778678	779266	779379	0.10	cps
Cadmium	106-1	76683	77144	76968	76932	0.30	cps
Cadmium	108-1	52150	51803	51339	51764	0.79	cps
Calcium	43-1	1723870	1708422	1721301	1717864	0.48	cps
Calcium	44-1	28654985	28480432	28344582	28493333	0.55	cps
Chromium	52-2	1618046	1606325	1630829	1618400	0.76	cps
Cobalt	59-2	1327595	1326593	1327784	1327324	0.05	cps
Copper	63-2	2698331	2702532	2693341	2698068	0.17	cps
Dysprosium	156-1	830331	829292	837736	832453	0.55	cps
Dysprosium	156-2	247544	250837	249422	249268	0.66	cps
Erbium	164-1	800	967	1000	922	11.62	cps
Erbium	164-2	423	387	473	428	10.17	cps
Gadolinium	160-1	867	725	983	858	15.07	cps
Gadolinium	160-2	663	743	747	718	6.57	cps
Holmium	165-1	21094323	20872528	21064522	21010458	0.57	cps
Holmium	165-2	10004806	10038645	10062765	10035405	0.29	cps
Indium	115-1	15894148	15735061	15971038	15866749	0.76	cps
Indium	115-2	2841514	2822783	2845165	2836487	0.42	cps
Iron	56-2	20229416	20034791	20056427	20106878	0.53	cps
Iron	57-2	495740	496625	498112	496826	0.24	cps
Krypton	83-1	1473	1553	1623	1550	4.84	cps
Lead	206-1	12400245	12423457	12401561	12408421	0.11	cps
Lead	207-1	10763269	10686839	10642476	10697528	0.57	cps
Lead	208-1	48964432	48782135	48474681	48740416	0.51	cps
Lithium	6-1	5691520	5670148	5684482	5682050	0.19	cps
Magnesium	24-2	5451812	5478477	5497770	5476020	0.42	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	508254	512675	512218	511049	0.48	cps
Molybdenum	94-1	1662312	1690144	1678443	1676967	0.83	cps
Molybdenum	95-1	2807050	2857342	2823773	2829389	0.91	cps
Molybdenum	96-1	2996777	3010892	3000554	3002741	0.24	cps
Molybdenum	97-1	1743978	1749670	1746844	1746831	0.16	cps
Molybdenum	98-1	4490993	4531768	4542235	4521665	0.60	cps
Neodymium	150-1	667	687	660	671	2.07	cps
Neodymium	150-2	220	227	207	218	4.68	cps
Nickel	60-2	876211	874411	881303	877308	0.41	cps
Phosphorus	31-2	50144	50169	50946	50419	0.91	cps
Potassium	39-2	3539574	3521040	3498973	3519862	0.58	cps
Rhodium	103-1	14347773	14223985	14365340	14312366	0.54	cps
Rhodium	103-2	6330613	6331487	6334302	6332134	0.03	cps
Scandium	45-1	10626455	10626765	10682447	10645222	0.30	cps
Scandium	45-2	424941	426408	429287	426878	0.52	cps
Selenium	77-2	24511	25539	24407	24819	2.52	cps
Selenium	78-2	82170	83179	83997	83115	1.10	cps
Selenium	82-1	600698	603952	606737	603796	0.50	cps
Silicon	28-1	103286334	104424177	104077538	103929350	0.56	cps
Silver	109-1	1309051	1309596	1309565	1309404	0.02	cps
Silver	107-1	1357485	1374985	1376541	1369671	0.77	cps
Sodium	23-2	10133373	10143941	10213072	10163462	0.43	cps
Strontium	86-1	1975692	1982455	1983638	1980595	0.22	cps
Strontium	88-1	17433650	17527752	17623425	17528276	0.54	cps
Sulfur	34-1	907080	906999	898379	904153	0.55	cps
Terbium	159-1	21605637	21442239	21706521	21584799	0.62	cps
Terbium	159-2	9852194	9794250	9835188	9827211	0.30	cps
Thallium	203-1	28798185	28973385	28560063	28777211	0.72	cps
Thallium	205-1	68115808	68219245	68113424	68149492	0.09	cps
Thorium	232-1	2784	2806	2856	2815	1.31	cps
Tin	118-1	8581290	8674077	8611021	8622129	0.55	cps
Titanium	47-1	419096	426642	420649	422129	0.94	cps
Uranium	238-1	135896	131372	133503	133591	1.69	cps
Vanadium	51-2	988601	988124	989722	988816	0.08	cps
Yttrium	89-1	16816828	16862419	17034754	16904667	0.68	cps
Yttrium	89-2	2204114	2199398	2199572	2201028	0.12	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5591-01A	Instrumnet Name :	P7
Client Sample ID :	391023064A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:33:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	331371	329875	328961	330069	0.37	cps
Zirconium	90-1	197212	200206	200416	199278	0.90	cps
Zirconium	91-1	46552	45908	46292	46251	0.70	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8116749	8140002	8203261	8153337	0.55	cps
Antimony	121-1	6398938	6444046	6425644	6422876	0.35	cps
Arsenic	75-1	2379160	2377570	2401595	2386108	0.56	cps
Barium	135-1	8761354	8667549	8701575	8710159	0.55	cps
Barium	137-1	15217405	15250625	15135540	15201190	0.39	cps
Beryllium	9-1	1758541	1749443	1748558	1752180	0.32	cps
Bismuth	209-1	11412673	11453358	11420758	11428930	0.19	cps
Bismuth	209-2	6172855	6203550	6235559	6203988	0.51	cps
Boron	10-1	288850	290248	297542	292213	1.60	cps
Boron	11-1	1366452	1365125	1398086	1376555	1.36	cps
Cadmium	111-1	1912756	1918862	1922629	1918082	0.26	cps
Cadmium	106-1	218046	216725	222209	218993	1.31	cps
Cadmium	108-1	143678	143889	142992	143519	0.33	cps
Calcium	43-1	11391152	11514386	11482980	11462840	0.56	cps
Calcium	44-1	185077996	185538117	185790000	185468704	0.19	cps
Chromium	52-2	2112023	2128378	2117182	2119194	0.39	cps
Cobalt	59-2	3225772	3233251	3231197	3230073	0.12	cps
Copper	63-2	4793348	4810900	4802458	4802236	0.18	cps
Dysprosium	156-1	567	567	475	536	9.87	cps
Dysprosium	156-2	177	230	257	221	18.42	cps
Erbium	164-1	133	100	142	125	17.63	cps
Erbium	164-2	93	97	87	92	5.52	cps
Gadolinium	160-1	158	108	158	142	20.38	cps
Gadolinium	160-2	387	330	380	366	8.47	cps
Holmium	165-1	20891366	20887906	20944553	20907941	0.15	cps
Holmium	165-2	9875649	9904258	9930370	9903426	0.28	cps
Indium	115-1	15130825	15262225	14957952	15117001	1.01	cps
Indium	115-2	2744167	2745663	2778473	2756101	0.70	cps
Iron	56-2	433508787	432282887	433574999	433122224	0.17	cps
Iron	57-2	10684543	10695414	10782072	10720677	0.50	cps
Krypton	83-1	1637	1590	1713	1647	3.78	cps
Lead	206-1	5407127	5503134	5417611	5442624	0.97	cps
Lead	207-1	4605432	4693919	4676783	4658711	1.01	cps
Lead	208-1	21310701	21646329	21446279	21467770	0.79	cps
Lithium	6-1	5259082	5239520	5223585	5240729	0.34	cps
Magnesium	24-2	83692810	84608675	85031127	84444204	0.81	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2453718	2449772	2454946	2452812	0.11	cps
Molybdenum	94-1	14766319	14820438	14740946	14775901	0.27	cps
Molybdenum	95-1	18130250	18244695	17976431	18117125	0.74	cps
Molybdenum	96-1	20332875	20110500	19990542	20144639	0.86	cps
Molybdenum	97-1	11375930	11344936	11224340	11315069	0.71	cps
Molybdenum	98-1	29330446	29193253	29196363	29240021	0.27	cps
Neodymium	150-1	613	693	753	687	10.23	cps
Neodymium	150-2	80	107	73	87	20.35	cps
Nickel	60-2	839799	850314	840176	843429	0.71	cps
Phosphorus	31-2	87741	85922	86912	86858	1.05	cps
Potassium	39-2	41020009	41075987	41201304	41099100	0.23	cps
Rhodium	103-1	13281350	13150571	13231714	13221212	0.50	cps
Rhodium	103-2	5885889	5859943	5882690	5876174	0.24	cps
Scandium	45-1	10591885	10605568	10616365	10604606	0.12	cps
Scandium	45-2	446237	447320	449676	447744	0.39	cps
Selenium	77-2	5881	5875	5931	5896	0.53	cps
Selenium	78-2	19569	20342	19951	19954	1.94	cps
Selenium	82-1	139378	139767	138653	139266	0.41	cps
Silicon	28-1	6505870	6571498	6610240	6562536	0.80	cps
Silver	109-1	8621797	8578531	8545342	8581890	0.45	cps
Silver	107-1	8944794	8947543	8947949	8946762	0.02	cps
Sodium	23-2	167565316	169018737	170000266	168861440	0.73	cps
Strontium	86-1	2307764	2337873	2298203	2314614	0.89	cps
Strontium	88-1	20508559	20457138	20247688	20404462	0.68	cps
Sulfur	34-1	1310455	1326262	1324386	1320367	0.65	cps
Terbium	159-1	21260405	21164644	21201792	21208947	0.23	cps
Terbium	159-2	9615758	9662682	9603390	9627277	0.32	cps
Thallium	203-1	6745330	6820377	6836461	6800722	0.72	cps
Thallium	205-1	16133759	16630510	16170898	16311722	1.70	cps
Thorium	232-1	22974772	23011963	22802126	22929620	0.49	cps
Tin	118-1	5705887	5771438	5725734	5734353	0.59	cps
Titanium	47-1	5166286	5250677	5239785	5218916	0.88	cps
Uranium	238-1	21713720	21915530	21780254	21803168	0.47	cps
Vanadium	51-2	1712088	1729040	1724466	1721864	0.51	cps
Yttrium	89-1	16748802	16708015	16703983	16720266	0.15	cps
Yttrium	89-2	2198706	2225954	2221295	2215319	0.66	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:36:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	742320	748183	752018	747507	0.65	cps
Zirconium	90-1	12366330	12437786	12411351	12405156	0.29	cps
Zirconium	91-1	2691587	2729040	2730277	2716968	0.81	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 13:41:32 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	367	358	328	18.39	cps
Antimony	121-1	4092	4434	5043	4523	10.64	cps
Arsenic	75-1	8046	7884	8473	8134	3.74	cps
Barium	135-1	517	558	425	500	13.64	cps
Barium	137-1	958	900	708	856	15.29	cps
Beryllium	9-1	256	211	206	224	12.23	cps
Bismuth	209-1	12996127	12948056	12953911	12966031	0.20	cps
Bismuth	209-2	7255709	7227721	7117445	7200292	1.02	cps
Boron	10-1	14441	14099	13673	14071	2.73	cps
Boron	11-1	69428	65878	63986	66431	4.16	cps
Cadmium	111-1	4617	4845	4671	4711	2.53	cps
Cadmium	106-1	6343	6669	6418	6477	2.63	cps
Cadmium	108-1	33	50	25	36	35.25	cps
Calcium	43-1	633	525	492	550	13.47	cps
Calcium	44-1	21008	19607	19506	20040	4.19	cps
Chromium	52-2	907	830	827	854	5.30	cps
Cobalt	59-2	217	217	230	221	3.48	cps
Copper	63-2	2327	2247	2337	2304	2.14	cps
Dysprosium	156-1	217	175	167	186	14.39	cps
Dysprosium	156-2	40	60	37	46	27.70	cps
Erbium	164-1	142	150	58	117	43.45	cps
Erbium	164-2	60	87	63	70	20.76	cps
Gadolinium	160-1	58	167	133	119	46.45	cps
Gadolinium	160-2	350	317	293	320	8.90	cps
Holmium	165-1	21302594	21117566	21200036	21206732	0.44	cps
Holmium	165-2	10083609	10067385	9975999	10042331	0.58	cps
Indium	115-1	16476002	16334410	16372512	16394308	0.45	cps
Indium	115-2	2920925	2924167	2918925	2921339	0.09	cps
Iron	56-2	23208	22768	22991	22989	0.96	cps
Iron	57-2	706	689	783	726	6.94	cps
Krypton	83-1	1757	1607	1777	1713	5.42	cps
Lead	206-1	2011	2022	1711	1915	9.22	cps
Lead	207-1	1728	1772	1778	1759	1.56	cps
Lead	208-1	7301	7407	7018	7242	2.78	cps
Lithium	6-1	5602758	5571861	5616357	5596992	0.41	cps
Magnesium	24-2	3567	3367	3567	3501	3.30	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:41:32	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	210	207	221	10.04	cps
Molybdenum	94-1	1508	1633	1817	1653	9.38	cps
Molybdenum	95-1	2034	1708	1934	1892	8.80	cps
Molybdenum	96-1	2009	1950	1834	1931	4.62	cps
Molybdenum	97-1	942	983	1175	1033	12.04	cps
Molybdenum	98-1	2725	2825	2500	2684	6.20	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	103	83	83	90	12.83	cps
Phosphorus	31-2	108	108	108	108	0.00	cps
Potassium	39-2	27819	27409	28027	27752	1.13	cps
Rhodium	103-1	14913075	15181195	15011727	15035332	0.90	cps
Rhodium	103-2	6530008	6553929	6526421	6536786	0.23	cps
Scandium	45-1	10927639	10860334	10936830	10908267	0.38	cps
Scandium	45-2	429598	434766	433120	432495	0.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	91	76	89	85	9.47	cps
Selenium	82-1	251	338	270	286	15.96	cps
Silicon	28-1	266601	262363	259091	262685	1.43	cps
Silver	109-1	700	642	850	731	14.71	cps
Silver	107-1	867	883	792	847	5.76	cps
Sodium	23-2	26433	25773	26683	26296	1.79	cps
Strontium	86-1	2750	2709	2925	2795	4.12	cps
Strontium	88-1	1408	1225	1358	1331	7.12	cps
Sulfur	34-1	457951	456606	459691	458083	0.34	cps
Terbium	159-1	21236384	21634553	21868831	21579923	1.48	cps
Terbium	159-2	9855774	9844801	9773525	9824700	0.45	cps
Thallium	203-1	4526	4859	4493	4626	4.38	cps
Thallium	205-1	9887	10505	9871	10088	3.58	cps
Thorium	232-1	4484	4167	4501	4384	4.29	cps
Tin	118-1	3309	3251	3292	3284	0.92	cps
Titanium	47-1	433	342	375	383	12.10	cps
Uranium	238-1	2650	2917	2609	2725	6.14	cps
Vanadium	51-2	90	87	100	92	7.52	cps
Yttrium	89-1	17166399	17197855	17110410	17158221	0.26	cps
Yttrium	89-2	2213042	2211055	2220351	2214816	0.22	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:41:32	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	330	367	344	5.67	cps
Zirconium	90-1	1909	2059	2100	2022	4.99	cps
Zirconium	91-1	383	542	475	467	17.04	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	400	375	394	4.40	cps
Antimony	121-1	1125	1400	1433	1320	12.83	cps
Arsenic	75-1	20589	21223	20816	20876	1.54	cps
Barium	135-1	33884	35889	33917	34563	3.32	cps
Barium	137-1	58273	62249	61746	60756	3.56	cps
Beryllium	9-1	150	161	100	137	23.76	cps
Bismuth	209-1	12240563	12228129	12208891	12225861	0.13	cps
Bismuth	209-2	6687507	6703737	6753480	6714908	0.51	cps
Boron	10-1	21207	21307	20631	21049	1.73	cps
Boron	11-1	95719	95854	95426	95666	0.23	cps
Cadmium	111-1	4334	4394	4151	4293	2.95	cps
Cadmium	106-1	6068	6168	5810	6015	3.07	cps
Cadmium	108-1	25	58	17	33	66.13	cps
Calcium	43-1	59336	61136	59671	60048	1.59	cps
Calcium	44-1	1015822	1017666	1015663	1016384	0.11	cps
Chromium	52-2	4647	4881	4434	4654	4.80	cps
Cobalt	59-2	163	170	193	176	8.97	cps
Copper	63-2	108029	107952	109643	108541	0.88	cps
Dysprosium	156-1	217	3234	2017	1823	83.29	cps
Dysprosium	156-2	80	40	53	58	35.25	cps
Erbium	164-1	175	125	142	147	17.29	cps
Erbium	164-2	83	70	47	67	27.84	cps
Gadolinium	160-1	83	125	83	97	24.74	cps
Gadolinium	160-2	313	363	343	340	7.40	cps
Holmium	165-1	20789762	20803473	20934954	20842730	0.38	cps
Holmium	165-2	10003563	9960196	10009968	9991242	0.27	cps
Indium	115-1	15884655	15810564	15702311	15799177	0.58	cps
Indium	115-2	2834919	2838887	2859987	2844598	0.47	cps
Iron	56-2	9776	10348	10048	10057	2.85	cps
Iron	57-2	672	806	794	757	9.77	cps
Krypton	83-1	1773	1590	1727	1697	5.62	cps
Lead	206-1	1839	2311	1961	2037	12.03	cps
Lead	207-1	1667	1806	1617	1696	5.77	cps
Lead	208-1	6873	7807	7251	7310	6.42	cps
Lithium	6-1	5477507	5467332	5503532	5482790	0.34	cps
Magnesium	24-2	353862	359186	359410	357486	0.88	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	517	573	530	540	5.49	cps
Molybdenum	94-1	1100	1050	1342	1164	13.40	cps
Molybdenum	95-1	1200	1442	1083	1242	14.72	cps
Molybdenum	96-1	1525	1550	1458	1511	3.14	cps
Molybdenum	97-1	725	667	833	742	11.40	cps
Molybdenum	98-1	1734	2225	1934	1964	12.59	cps
Neodymium	150-1	27	373	133	178	99.87	cps
Neodymium	150-2	20	0	13	11	91.66	cps
Nickel	60-2	143	110	130	128	13.13	cps
Phosphorus	31-2	392	283	425	367	20.20	cps
Potassium	39-2	388769	393584	392281	391545	0.64	cps
Rhodium	103-1	14190895	14283822	14194940	14223219	0.37	cps
Rhodium	103-2	6279083	6261693	6338861	6293212	0.64	cps
Scandium	45-1	10536492	10670563	10703980	10637012	0.83	cps
Scandium	45-2	428692	432020	428675	429796	0.45	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	81	96	102	93	11.30	cps
Selenium	82-1	279	473	283	345	32.17	cps
Silicon	28-1	89386442	89264960	88874792	89175398	0.30	cps
Silver	109-1	225	217	117	186	32.39	cps
Silver	107-1	292	325	233	283	16.38	cps
Sodium	23-2	54942032	54949770	54480912	54790905	0.49	cps
Strontium	86-1	30032	31018	30125	30391	1.79	cps
Strontium	88-1	240179	242586	237830	240198	0.99	cps
Sulfur	34-1	832626	832655	820527	828603	0.84	cps
Terbium	159-1	21279118	21178065	21192418	21216534	0.26	cps
Terbium	159-2	9755346	9710878	9769878	9745367	0.32	cps
Thallium	203-1	2034	2109	2159	2100	3.00	cps
Thallium	205-1	4026	3959	4184	4056	2.85	cps
Thorium	232-1	2228	2378	2556	2387	6.87	cps
Tin	118-1	2150	2884	2425	2486	14.90	cps
Titanium	47-1	1667	1517	1575	1586	4.77	cps
Uranium	238-1	2167	2125	2317	2203	4.58	cps
Vanadium	51-2	6415	6715	6675	6602	2.47	cps
Yttrium	89-1	16687566	16671336	16658659	16672520	0.09	cps
Yttrium	89-2	2171031	2197744	2209102	2192626	0.89	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5593-01	Instrumnet Name :	P7
Client Sample ID :	391023201	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:48:41	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9787	9710	9390	9629	2.19	cps
Zirconium	90-1	1517	1467	1558	1514	3.03	cps
Zirconium	91-1	292	708	375	458	48.11	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1483	1300	1400	1395	6.58	cps
Antimony	121-1	1058	1267	1458	1261	15.86	cps
Arsenic	75-1	21645	21682	21817	21715	0.42	cps
Barium	135-1	1257975	1259616	1254873	1257488	0.19	cps
Barium	137-1	2206317	2191400	2175841	2191186	0.70	cps
Beryllium	9-1	122	139	144	135	8.55	cps
Bismuth	209-1	12512805	12555029	12457514	12508449	0.39	cps
Bismuth	209-2	6998805	6969651	6993061	6987172	0.22	cps
Boron	10-1	19129	18971	19138	19079	0.49	cps
Boron	11-1	90403	91133	89348	90295	0.99	cps
Cadmium	111-1	4545	4765	4717	4675	2.48	cps
Cadmium	106-1	6393	6660	6577	6543	2.09	cps
Cadmium	108-1	50	50	29	43	27.93	cps
Calcium	43-1	1632306	1662523	1620768	1638532	1.32	cps
Calcium	44-1	27090337	27308413	27340929	27246560	0.50	cps
Chromium	52-2	7399	7512	7302	7404	1.42	cps
Cobalt	59-2	460	380	397	412	10.24	cps
Copper	63-2	268080	264914	269465	267486	0.87	cps
Dysprosium	156-1	383	317	1667	789	96.45	cps
Dysprosium	156-2	97	73	90	87	13.87	cps
Erbium	164-1	200	142	217	186	21.16	cps
Erbium	164-2	77	57	47	60	25.46	cps
Gadolinium	160-1	200	192	167	186	9.32	cps
Gadolinium	160-2	440	343	333	372	15.83	cps
Holmium	165-1	20956936	20859412	20758462	20858270	0.48	cps
Holmium	165-2	10143151	10028961	10082772	10084961	0.57	cps
Indium	115-1	16053041	16011742	16061616	16042133	0.17	cps
Indium	115-2	2865818	2886915	2927313	2893349	1.08	cps
Iron	56-2	561734	558727	567071	562511	0.75	cps
Iron	57-2	23920	23681	24076	23892	0.83	cps
Krypton	83-1	1717	1657	1747	1707	2.69	cps
Lead	206-1	39665	39660	39593	39639	0.10	cps
Lead	207-1	32641	32385	32674	32567	0.49	cps
Lead	208-1	152327	151579	150141	151349	0.73	cps
Lithium	6-1	5417129	5463413	5426946	5435829	0.45	cps
Magnesium	24-2	5744552	5714669	5723749	5727657	0.27	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9413	9503	9620	9512	1.09	cps
Molybdenum	94-1	1025	917	958	967	5.65	cps
Molybdenum	95-1	917	800	908	875	7.44	cps
Molybdenum	96-1	1000	1042	1033	1025	2.15	cps
Molybdenum	97-1	475	392	533	467	15.26	cps
Molybdenum	98-1	1250	1442	1283	1325	7.73	cps
Neodymium	150-1	193	207	327	242	30.32	cps
Neodymium	150-2	90	47	40	59	46.10	cps
Nickel	60-2	660	650	680	663	2.30	cps
Phosphorus	31-2	333	383	317	344	10.07	cps
Potassium	39-2	321909	322478	321151	321846	0.21	cps
Rhodium	103-1	14300769	14460887	14484583	14415413	0.69	cps
Rhodium	103-2	6344953	6328563	6375720	6349746	0.38	cps
Scandium	45-1	10658757	10759894	10661666	10693439	0.54	cps
Scandium	45-2	435764	430509	437117	434464	0.80	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	81	83	70	78	8.94	cps
Selenium	82-1	371	473	464	436	12.97	cps
Silicon	28-1	94149844	94734410	94795404	94559886	0.38	cps
Silver	109-1	383	333	442	386	14.04	cps
Silver	107-1	383	367	300	350	12.60	cps
Sodium	23-2	6026424	6013126	5997271	6012274	0.24	cps
Strontium	86-1	729526	742733	738839	737032	0.92	cps
Strontium	88-1	6533328	6620538	6576491	6576786	0.66	cps
Sulfur	34-1	759725	755428	759918	758357	0.33	cps
Terbium	159-1	21433841	21562190	21314306	21436779	0.58	cps
Terbium	159-2	9775142	9757403	9802662	9778402	0.23	cps
Thallium	203-1	1667	1742	1433	1614	9.96	cps
Thallium	205-1	3784	3842	3334	3653	7.62	cps
Thorium	232-1	2445	2323	2395	2387	2.57	cps
Tin	118-1	16385	16485	16227	16366	0.80	cps
Titanium	47-1	2000	1775	1984	1920	6.53	cps
Uranium	238-1	105946	106298	107677	106640	0.86	cps
Vanadium	51-2	7725	8139	8086	7983	2.82	cps
Yttrium	89-1	16884173	16994782	16883599	16920851	0.38	cps
Yttrium	89-2	2205570	2210348	2229142	2215020	0.56	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5594-01	Instrumnet Name :	P7
Client Sample ID :	391023200.3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:52:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42589	43063	42378	42677	0.82	cps
Zirconium	90-1	1125	1358	1367	1283	10.69	cps
Zirconium	91-1	242	258	358	286	22.05	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2525	2750	2692	2656	4.40	cps
Antimony	121-1	2417	2325	2675	2473	7.34	cps
Arsenic	75-1	11686	11241	11237	11388	2.27	cps
Barium	135-1	104046	104348	106406	104933	1.22	cps
Barium	137-1	182798	180933	184392	182708	0.95	cps
Beryllium	9-1	350	472	428	417	14.85	cps
Bismuth	209-1	12024792	12110118	12096337	12077082	0.38	cps
Bismuth	209-2	6573416	6526907	6611962	6570762	0.65	cps
Boron	10-1	32110	33647	33413	33057	2.50	cps
Boron	11-1	151966	159241	157397	156201	2.42	cps
Cadmium	111-1	4696	4707	4843	4749	1.73	cps
Cadmium	106-1	6569	6560	6760	6630	1.71	cps
Cadmium	108-1	21	63	38	40	52.07	cps
Calcium	43-1	4054311	4056642	4075244	4062065	0.28	cps
Calcium	44-1	66975918	67077377	67487199	67180165	0.40	cps
Chromium	52-2	28534	28538	28598	28557	0.13	cps
Cobalt	59-2	1647	1580	1490	1572	5.00	cps
Copper	63-2	1236692	1250121	1250976	1245930	0.64	cps
Dysprosium	156-1	1458	1142	1175	1258	13.83	cps
Dysprosium	156-2	653	640	533	609	10.80	cps
Erbium	164-1	2734	2700	2734	2723	0.71	cps
Erbium	164-2	1350	1197	1153	1233	8.38	cps
Gadolinium	160-1	1442	1292	1300	1345	6.27	cps
Gadolinium	160-2	1047	1007	1000	1018	2.48	cps
Holmium	165-1	20813434	20823233	21305597	20980755	1.34	cps
Holmium	165-2	10054877	9984844	10006940	10015554	0.36	cps
Indium	115-1	15765204	15951955	16052066	15923075	0.91	cps
Indium	115-2	2835230	2838248	2840901	2838126	0.10	cps
Iron	56-2	3148656	3164083	3168869	3160536	0.33	cps
Iron	57-2	103786	103754	103149	103563	0.35	cps
Krypton	83-1	1587	1680	1707	1658	3.80	cps
Lead	206-1	143197	144564	145456	144406	0.79	cps
Lead	207-1	120479	121768	120423	120890	0.63	cps
Lead	208-1	558931	562851	562550	561444	0.39	cps
Lithium	6-1	5456195	5525747	5486300	5489414	0.64	cps
Magnesium	24-2	6961984	7016189	7019138	6999104	0.46	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	75526	76478	75238	75747	0.86	cps
Molybdenum	94-1	1709	1909	1784	1800	5.61	cps
Molybdenum	95-1	2292	2434	2367	2364	3.00	cps
Molybdenum	96-1	2534	2759	2750	2681	4.76	cps
Molybdenum	97-1	1217	1642	1425	1428	14.89	cps
Molybdenum	98-1	3717	3434	3492	3548	4.22	cps
Neodymium	150-1	547	613	533	564	7.59	cps
Neodymium	150-2	247	200	180	209	16.38	cps
Nickel	60-2	5781	6028	5701	5837	2.92	cps
Phosphorus	31-2	167	208	150	175	17.17	cps
Potassium	39-2	1036284	1046958	1035380	1039541	0.62	cps
Rhodium	103-1	14121121	14258914	14086116	14155384	0.65	cps
Rhodium	103-2	6182606	6253275	6237028	6224303	0.59	cps
Scandium	45-1	10919214	10836447	10882291	10879317	0.38	cps
Scandium	45-2	437760	440354	442156	440090	0.50	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	87	78	100	88	12.64	cps
Selenium	82-1	684	521	488	565	18.53	cps
Silicon	28-1	79770200	80585010	80380839	80245350	0.53	cps
Silver	109-1	608	533	775	639	19.36	cps
Silver	107-1	575	733	658	656	12.08	cps
Sodium	23-2	84589462	85182585	85181273	84984440	0.40	cps
Strontium	86-1	743285	736732	741457	740491	0.46	cps
Strontium	88-1	6540422	6586234	6567508	6564722	0.35	cps
Sulfur	34-1	1494923	1509537	1501852	1502104	0.49	cps
Terbium	159-1	21483538	21464337	21253958	21400611	0.60	cps
Terbium	159-2	9815547	9742844	9694623	9751005	0.62	cps
Thallium	203-1	1784	1909	1725	1806	5.19	cps
Thallium	205-1	3801	3909	4351	4020	7.25	cps
Thorium	232-1	2095	2134	2206	2145	2.63	cps
Tin	118-1	78477	77581	77723	77927	0.62	cps
Titanium	47-1	1383	1817	1809	1670	14.85	cps
Uranium	238-1	32468	32392	33988	32949	2.73	cps
Vanadium	51-2	190	103	157	150	29.14	cps
Yttrium	89-1	16999901	17097247	16981001	17026050	0.37	cps
Yttrium	89-2	2221594	2235083	2227693	2228124	0.30	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5595-01	Instrumnet Name :	P7
Client Sample ID :	391025122.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:55:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	192069	192558	192991	192539	0.24	cps
Zirconium	90-1	1458	1558	1467	1495	3.71	cps
Zirconium	91-1	392	400	375	389	3.27	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	525	442	497	9.68	cps
Antimony	121-1	742	817	833	797	6.12	cps
Arsenic	75-1	10600	10622	11289	10837	3.61	cps
Barium	135-1	2517	2617	2625	2586	2.33	cps
Barium	137-1	4568	4551	4234	4451	4.22	cps
Beryllium	9-1	117	161	106	128	23.01	cps
Bismuth	209-1	11795533	12014404	11743390	11851109	1.21	cps
Bismuth	209-2	6589702	6439099	6393523	6474108	1.59	cps
Boron	10-1	11438	11330	11897	11555	2.61	cps
Boron	11-1	54157	53588	54307	54017	0.70	cps
Cadmium	111-1	4695	4686	4864	4748	2.11	cps
Cadmium	106-1	6652	6652	6927	6744	2.36	cps
Cadmium	108-1	46	29	50	42	26.45	cps
Calcium	43-1	9153	9328	9228	9237	0.95	cps
Calcium	44-1	219076	223828	223461	222121	1.19	cps
Chromium	52-2	3547	3681	3437	3555	3.43	cps
Cobalt	59-2	267	207	203	226	15.80	cps
Copper	63-2	134793	134138	136372	135101	0.85	cps
Dysprosium	156-1	142	183	167	164	12.80	cps
Dysprosium	156-2	97	67	47	70	35.95	cps
Erbium	164-1	175	108	75	119	42.63	cps
Erbium	164-2	80	50	63	64	23.32	cps
Gadolinium	160-1	92	133	75	100	30.05	cps
Gadolinium	160-2	303	360	327	330	8.63	cps
Holmium	165-1	20897582	21062393	20930592	20963522	0.42	cps
Holmium	165-2	10110589	9981670	9885684	9992648	1.13	cps
Indium	115-1	15626502	15923959	15571987	15707483	1.21	cps
Indium	115-2	2848476	2844029	2804493	2832333	0.85	cps
Iron	56-2	18612	18284	18317	18405	0.98	cps
Iron	57-2	694	717	806	739	7.96	cps
Krypton	83-1	1640	1777	1573	1663	6.23	cps
Lead	206-1	7791	7886	7897	7858	0.74	cps
Lead	207-1	6268	7024	6563	6619	5.76	cps
Lead	208-1	29569	30698	30431	30233	1.95	cps
Lithium	6-1	5427527	5496300	5421198	5448342	0.76	cps
Magnesium	24-2	21224	20932	21099	21085	0.69	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7452	7155	7075	7227	2.75	cps
Molybdenum	94-1	667	683	642	664	3.16	cps
Molybdenum	95-1	375	467	425	422	10.87	cps
Molybdenum	96-1	475	625	675	592	17.59	cps
Molybdenum	97-1	317	317	258	297	11.33	cps
Molybdenum	98-1	650	642	708	667	5.45	cps
Neodymium	150-1	40	0	27	22	91.65	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	433	400	433	422	4.56	cps
Phosphorus	31-2	142	200	317	219	40.61	cps
Potassium	39-2	75500	74136	74328	74655	0.99	cps
Rhodium	103-1	13842316	14076345	14041913	13986858	0.90	cps
Rhodium	103-2	6271084	6173838	6163290	6202738	0.96	cps
Scandium	45-1	10714568	10862711	10822961	10800080	0.71	cps
Scandium	45-2	441276	439752	436960	439329	0.50	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	96	94	98	96	1.92	cps
Selenium	82-1	476	306	558	447	28.73	cps
Silicon	28-1	182705450	182522996	186413092	183880512	1.19	cps
Silver	109-1	400	425	417	414	3.08	cps
Silver	107-1	592	617	625	611	2.84	cps
Sodium	23-2	155048483	153911720	153997991	154319398	0.41	cps
Strontium	86-1	5268	5101	5076	5148	2.02	cps
Strontium	88-1	22836	22577	23028	22813	0.99	cps
Sulfur	34-1	1423002	1422408	1428240	1424550	0.23	cps
Terbium	159-1	21233803	21391339	21149235	21258126	0.58	cps
Terbium	159-2	9892361	9736056	9668356	9765591	1.18	cps
Thallium	203-1	1342	1317	1617	1425	11.68	cps
Thallium	205-1	3509	2817	3342	3223	11.20	cps
Thorium	232-1	1817	2145	2461	2141	15.05	cps
Tin	118-1	3226	3292	3384	3301	2.41	cps
Titanium	47-1	3200	3000	3184	3128	3.55	cps
Uranium	238-1	5151	4868	4734	4918	4.33	cps
Vanadium	51-2	28915	28504	28271	28563	1.14	cps
Yttrium	89-1	16614758	17035470	16665164	16771797	1.37	cps
Yttrium	89-2	2225033	2226190	2203325	2218183	0.58	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5604-01	Instrumnet Name :	P7
Client Sample ID :	391016089	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 13:59:25	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19557	19243	19089	19296	1.23	cps
Zirconium	90-1	1092	1300	1167	1186	8.90	cps
Zirconium	91-1	317	200	283	267	22.54	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867	867	800	845	4.56	cps
Antimony	121-1	575	525	692	597	14.32	cps
Arsenic	75-1	13949	13656	13408	13671	1.98	cps
Barium	135-1	1233	1442	1292	1322	8.13	cps
Barium	137-1	2284	2359	2484	2375	4.25	cps
Beryllium	9-1	139	183	94	139	32.00	cps
Bismuth	209-1	11687473	11935553	12114342	11912456	1.80	cps
Bismuth	209-2	6423664	6427799	6594927	6482130	1.51	cps
Boron	10-1	11046	11663	11013	11241	3.26	cps
Boron	11-1	53069	53513	53253	53278	0.42	cps
Cadmium	111-1	4383	4327	4583	4431	3.03	cps
Cadmium	106-1	6185	6135	6535	6285	3.47	cps
Cadmium	108-1	25	13	42	26	55.46	cps
Calcium	43-1	7877	8194	8144	8072	2.11	cps
Calcium	44-1	160017	162442	157557	160005	1.53	cps
Chromium	52-2	3841	4007	3904	3917	2.15	cps
Cobalt	59-2	190	177	177	181	4.25	cps
Copper	63-2	545045	549765	548229	547680	0.44	cps
Dysprosium	156-1	183	192	150	175	12.60	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	92	117	167	125	30.55	cps
Erbium	164-2	83	53	73	70	21.83	cps
Gadolinium	160-1	142	92	158	131	26.57	cps
Gadolinium	160-2	367	317	270	318	15.21	cps
Holmium	165-1	20715918	20936147	21106302	20919456	0.94	cps
Holmium	165-2	10009613	9880400	10060500	9983505	0.93	cps
Indium	115-1	15565077	15670894	15862285	15699419	0.96	cps
Indium	115-2	2804986	2814034	2806561	2808527	0.17	cps
Iron	56-2	20843	20721	20359	20641	1.22	cps
Iron	57-2	744	733	767	748	2.27	cps
Krypton	83-1	1623	1643	1560	1609	2.70	cps
Lead	206-1	2878	3301	2773	2984	9.36	cps
Lead	207-1	2589	2711	2467	2589	4.72	cps
Lead	208-1	11425	11758	11147	11443	2.67	cps
Lithium	6-1	5423855	5491710	5537113	5484226	1.04	cps
Magnesium	24-2	17553	17695	17169	17472	1.56	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6728	6788	6638	6718	1.12	cps
Molybdenum	94-1	833	1042	875	917	12.03	cps
Molybdenum	95-1	825	858	808	831	3.07	cps
Molybdenum	96-1	925	1025	1217	1056	14.04	cps
Molybdenum	97-1	408	492	450	450	9.26	cps
Molybdenum	98-1	1567	1333	1483	1461	8.09	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	180	140	197	172	16.91	cps
Phosphorus	31-2	633	600	542	592	7.84	cps
Potassium	39-2	270217	272901	269018	270712	0.73	cps
Rhodium	103-1	13901568	14142883	14372070	14138840	1.66	cps
Rhodium	103-2	6220761	6174120	6214728	6203203	0.41	cps
Scandium	45-1	10616296	10764459	10829384	10736713	1.02	cps
Scandium	45-2	432238	426925	432519	430561	0.73	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	94	76	111	94	18.76	cps
Selenium	82-1	540	462	517	506	7.92	cps
Silicon	28-1	68602735	69360127	69221568	69061477	0.58	cps
Silver	109-1	667	667	708	681	3.53	cps
Silver	107-1	767	683	825	758	9.39	cps
Sodium	23-2	123378115	122991007	123561294	123310139	0.24	cps
Strontium	86-1	4743	4943	4743	4809	2.40	cps
Strontium	88-1	19047	18020	19088	18719	3.23	cps
Sulfur	34-1	837022	846937	834214	839391	0.80	cps
Terbium	159-1	21198905	21323905	21358815	21293875	0.39	cps
Terbium	159-2	9628838	9607403	9683347	9639863	0.41	cps
Thallium	203-1	1267	1317	1317	1300	2.22	cps
Thallium	205-1	2425	2659	2709	2598	5.82	cps
Thorium	232-1	2011	2000	2056	2022	1.45	cps
Tin	118-1	2150	2075	2250	2159	4.07	cps
Titanium	47-1	1517	1467	1342	1442	6.25	cps
Uranium	238-1	10396	10697	10905	10666	2.40	cps
Vanadium	51-2	1033	1140	993	1056	7.18	cps
Yttrium	89-1	16615079	16708644	17159531	16827751	1.73	cps
Yttrium	89-2	2188937	2182539	2203829	2191768	0.50	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5605-01	Instrumnet Name :	P7
Client Sample ID :	391021049	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:03:04	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4774	4681	4768	4741	1.10	cps
Zirconium	90-1	1092	1317	1317	1242	10.46	cps
Zirconium	91-1	225	233	292	250	14.53	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14891	15258	15817	15322	3.04	cps
Antimony	121-1	5093	5151	5185	5143	0.90	cps
Arsenic	75-1	13855	15732	15022	14870	6.37	cps
Barium	135-1	194670	193885	194351	194302	0.20	cps
Barium	137-1	337933	335196	337338	336822	0.43	cps
Beryllium	9-1	783	767	861	804	6.27	cps
Bismuth	209-1	11284788	11408425	11755873	11483029	2.13	cps
Bismuth	209-2	6200840	6541477	6176709	6306342	3.23	cps
Boron	10-1	17035	16985	17361	17127	1.19	cps
Boron	11-1	84787	84664	81771	83741	2.04	cps
Cadmium	111-1	5253	5384	5388	5342	1.44	cps
Cadmium	106-1	6635	6835	6752	6741	1.49	cps
Cadmium	108-1	113	138	108	119	13.20	cps
Calcium	43-1	2581394	2596787	2623044	2600408	0.81	cps
Calcium	44-1	42762113	43264225	43417841	43148060	0.79	cps
Chromium	52-2	11985	11845	12349	12060	2.16	cps
Cobalt	59-2	3084	3137	3234	3152	2.41	cps
Copper	63-2	1739708	1734362	1743045	1739038	0.25	cps
Dysprosium	156-1	13916	14609	14592	14372	2.75	cps
Dysprosium	156-2	7619	7536	7642	7599	0.74	cps
Erbium	164-1	14341	14617	13933	14297	2.41	cps
Erbium	164-2	6708	6602	6605	6638	0.91	cps
Gadolinium	160-1	15259	14867	15568	15231	2.31	cps
Gadolinium	160-2	7939	7892	7822	7885	0.75	cps
Holmium	165-1	20421027	20501959	21228518	20717168	2.15	cps
Holmium	165-2	9860439	10295092	9677770	9944433	3.19	cps
Indium	115-1	15345205	15559791	15754147	15553048	1.32	cps
Indium	115-2	2761712	2910641	2744116	2805490	3.26	cps
Iron	56-2	334266	340702	344412	339793	1.51	cps
Iron	57-2	24944	24838	25222	25001	0.79	cps
Krypton	83-1	1880	1747	1843	1823	3.78	cps
Lead	206-1	124436	124569	124799	124601	0.15	cps
Lead	207-1	103717	103723	104792	104078	0.59	cps
Lead	208-1	479595	478844	484844	481094	0.68	cps
Lithium	6-1	5327192	5305634	5495632	5376153	1.94	cps
Magnesium	24-2	5340993	5310123	5375579	5342232	0.61	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	231531	230166	233395	231697	0.70	cps
Molybdenum	94-1	1208	1458	1475	1381	10.82	cps
Molybdenum	95-1	1325	1709	1567	1533	12.64	cps
Molybdenum	96-1	1792	1692	1850	1778	4.51	cps
Molybdenum	97-1	1000	850	908	920	8.22	cps
Molybdenum	98-1	2184	2217	2467	2289	6.77	cps
Neodymium	150-1	25270	25551	25498	25440	0.59	cps
Neodymium	150-2	9343	9243	9327	9304	0.58	cps
Nickel	60-2	7789	8312	8002	8035	3.28	cps
Phosphorus	31-2	200	150	242	197	23.27	cps
Potassium	39-2	682916	685829	693713	687486	0.81	cps
Rhodium	103-1	13672226	13580478	13962225	13738310	1.45	cps
Rhodium	103-2	6067495	6391359	5957549	6138801	3.67	cps
Scandium	45-1	10644530	10656382	10973818	10758244	1.74	cps
Scandium	45-2	439389	461655	435024	445356	3.21	cps
Selenium	77-2	43	60	27	43	38.46	cps
Selenium	78-2	143	119	102	121	16.93	cps
Selenium	82-1	392	656	610	552	25.55	cps
Silicon	28-1	64005176	64625562	64856749	64495829	0.68	cps
Silver	109-1	1317	1158	1292	1256	6.78	cps
Silver	107-1	1150	1333	1283	1256	7.55	cps
Sodium	23-2	226792405	227378730	229061455	227744197	0.52	cps
Strontium	86-1	1991480	2018936	2007447	2005954	0.69	cps
Strontium	88-1	17694498	17932452	18030887	17885946	0.97	cps
Sulfur	34-1	1569858	1573470	1589683	1577670	0.67	cps
Terbium	159-1	21008445	21029593	21705172	21247737	1.87	cps
Terbium	159-2	9564403	10038817	9389365	9664195	3.48	cps
Thallium	203-1	1417	1492	1650	1520	7.84	cps
Thallium	205-1	3042	3326	3284	3217	4.76	cps
Thorium	232-1	2061	2111	1995	2056	2.85	cps
Tin	118-1	20007	20858	24411	21759	10.74	cps
Titanium	47-1	1492	1333	1417	1414	5.60	cps
Uranium	238-1	7678	8578	8178	8145	5.54	cps
Vanadium	51-2	403	337	390	377	9.37	cps
Yttrium	89-1	16809148	16990953	17572127	17124076	2.33	cps
Yttrium	89-2	2235411	2337729	2198340	2257160	3.20	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5606-01	Instrumnet Name :	P7
Client Sample ID :	391022204.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:06:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	391291	392389	391125	391602	0.18	cps
Zirconium	90-1	1475	1217	1675	1456	15.79	cps
Zirconium	91-1	375	458	433	422	10.13	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18470	19121	18896	18829	1.76	cps
Antimony	121-1	2242	2225	2342	2270	2.78	cps
Arsenic	75-1	10496	10403	9775	10224	3.84	cps
Barium	135-1	30184	31470	30451	30702	2.21	cps
Barium	137-1	52467	53605	53136	53069	1.08	cps
Beryllium	9-1	139	106	117	120	14.10	cps
Bismuth	209-1	12727622	12659292	12701683	12696199	0.27	cps
Bismuth	209-2	7049244	6824155	6957278	6943559	1.63	cps
Boron	10-1	11280	11855	11413	11516	2.62	cps
Boron	11-1	53404	55395	54190	54330	1.85	cps
Cadmium	111-1	5047	5187	4973	5069	2.14	cps
Cadmium	106-1	6919	7094	6844	6952	1.85	cps
Cadmium	108-1	96	71	54	74	28.49	cps
Calcium	43-1	611108	614846	610177	612044	0.40	cps
Calcium	44-1	10209156	10273392	10177835	10220128	0.48	cps
Chromium	52-2	1653	1530	1510	1565	4.96	cps
Cobalt	59-2	7919	7735	7776	7810	1.24	cps
Copper	63-2	1464013	1472321	1465583	1467306	0.30	cps
Dysprosium	156-1	558	425	650	544	20.78	cps
Dysprosium	156-2	223	187	163	191	15.83	cps
Erbium	164-1	575	508	508	531	7.26	cps
Erbium	164-2	220	213	227	220	3.03	cps
Gadolinium	160-1	492	567	408	489	16.20	cps
Gadolinium	160-2	577	497	557	543	7.66	cps
Holmium	165-1	21545360	21557074	21379589	21494008	0.46	cps
Holmium	165-2	10271795	10112976	10135475	10173415	0.84	cps
Indium	115-1	16546266	16715753	16572119	16611379	0.55	cps
Indium	115-2	2967761	2964400	2976677	2969613	0.21	cps
Iron	56-2	712389	705067	707438	708298	0.53	cps
Iron	57-2	20977	20999	21711	21229	1.97	cps
Krypton	83-1	1737	1717	1677	1710	1.79	cps
Lead	206-1	614054	614913	620791	616586	0.59	cps
Lead	207-1	494972	494545	493139	494219	0.19	cps
Lead	208-1	2332772	2329620	2324630	2329007	0.18	cps
Lithium	6-1	5714259	5779285	5641333	5711626	1.21	cps
Magnesium	24-2	1546681	1538219	1528814	1537905	0.58	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	581393	580328	574410	578710	0.65	cps
Molybdenum	94-1	8861	8786	8578	8742	1.68	cps
Molybdenum	95-1	1350	1142	1050	1181	13.02	cps
Molybdenum	96-1	2400	2600	2809	2603	7.84	cps
Molybdenum	97-1	642	658	725	675	6.53	cps
Molybdenum	98-1	1675	1950	1909	1845	8.04	cps
Neodymium	150-1	433	347	453	411	13.79	cps
Neodymium	150-2	147	143	113	134	13.65	cps
Nickel	60-2	2867	2714	2994	2858	4.91	cps
Phosphorus	31-2	6168	6060	6068	6099	0.99	cps
Potassium	39-2	295063	296328	293473	294955	0.48	cps
Rhodium	103-1	14960806	15206398	14874583	15013929	1.15	cps
Rhodium	103-2	6707144	6641796	6571621	6640187	1.02	cps
Scandium	45-1	11077666	11274549	11130744	11160987	0.91	cps
Scandium	45-2	454535	456539	454178	455084	0.28	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	87	72	69	76	12.91	cps
Selenium	82-1	418	507	433	453	10.52	cps
Silicon	28-1	22031827	22310874	22071387	22138029	0.68	cps
Silver	109-1	808	792	617	739	14.37	cps
Silver	107-1	975	933	850	920	6.92	cps
Sodium	23-2	18945282	19002662	18744173	18897372	0.72	cps
Strontium	86-1	174616	172617	174397	173877	0.63	cps
Strontium	88-1	1479894	1500886	1494023	1491601	0.72	cps
Sulfur	34-1	720039	719870	716462	718790	0.28	cps
Terbium	159-1	22040756	22304707	22000019	22115161	0.75	cps
Terbium	159-2	9969415	9989809	9930265	9963163	0.30	cps
Thallium	203-1	1467	1433	1400	1433	2.33	cps
Thallium	205-1	3259	3092	3326	3226	3.73	cps
Thorium	232-1	2484	2323	2234	2347	5.40	cps
Tin	118-1	14383	15159	14900	14814	2.67	cps
Titanium	47-1	9595	9620	8953	9390	4.03	cps
Uranium	238-1	2617	2650	2609	2625	0.84	cps
Vanadium	51-2	373	410	497	427	14.84	cps
Yttrium	89-1	17542996	17543388	17422158	17502848	0.40	cps
Yttrium	89-2	2275975	2290647	2273217	2279946	0.41	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5550-01	Instrumnet Name :	P7
Client Sample ID :	391018002	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:10:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	142403	142702	143952	143019	0.57	cps
Zirconium	90-1	22969	22611	21434	22338	3.60	cps
Zirconium	91-1	4768	4976	5059	4934	3.05	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31476	30264	31517	31086	2.29	cps
Antimony	121-1	2584	2650	2775	2670	3.65	cps
Arsenic	75-1	9167	9557	9680	9468	2.83	cps
Barium	135-1	28497	28597	28363	28485	0.41	cps
Barium	137-1	49598	50568	50317	50161	1.00	cps
Beryllium	9-1	172	144	122	146	17.12	cps
Bismuth	209-1	12942691	12749590	12821219	12837834	0.76	cps
Bismuth	209-2	7088266	7063841	7054956	7069021	0.24	cps
Boron	10-1	9078	8961	8928	8989	0.88	cps
Boron	11-1	44809	44793	44257	44620	0.70	cps
Cadmium	111-1	5302	5027	5005	5111	3.24	cps
Cadmium	106-1	7377	7010	6952	7113	3.24	cps
Cadmium	108-1	58	79	88	75	20.03	cps
Calcium	43-1	655105	652781	663430	657106	0.85	cps
Calcium	44-1	11070665	10839018	11027074	10978919	1.12	cps
Chromium	52-2	1457	1420	1530	1469	3.81	cps
Cobalt	59-2	713	650	630	664	6.55	cps
Copper	63-2	246187	244119	245550	245285	0.43	cps
Dysprosium	156-1	408	408	392	403	2.39	cps
Dysprosium	156-2	190	127	230	182	28.59	cps
Erbium	164-1	433	417	383	411	6.19	cps
Erbium	164-2	197	163	153	171	13.26	cps
Gadolinium	160-1	350	292	425	356	18.80	cps
Gadolinium	160-2	480	527	440	482	8.99	cps
Holmium	165-1	21833242	21552029	21758726	21714665	0.67	cps
Holmium	165-2	10283816	10241878	10267273	10264322	0.21	cps
Indium	115-1	16814026	16401344	16610275	16608548	1.24	cps
Indium	115-2	2977062	2962791	2975341	2971731	0.26	cps
Iron	56-2	2184387	2178590	2171164	2178047	0.30	cps
Iron	57-2	58199	58500	57596	58099	0.79	cps
Krypton	83-1	1690	1687	1663	1680	0.86	cps
Lead	206-1	15441096	15398969	15305937	15382001	0.45	cps
Lead	207-1	12014228	11783837	11884126	11894064	0.97	cps
Lead	208-1	56900825	56140193	56360787	56467268	0.69	cps
Lithium	6-1	5759815	5655088	5747878	5720927	1.00	cps
Magnesium	24-2	1445249	1437019	1436583	1439617	0.34	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	344482	342081	340882	342482	0.54	cps
Molybdenum	94-1	9520	10062	9495	9693	3.31	cps
Molybdenum	95-1	1550	1525	1408	1495	5.06	cps
Molybdenum	96-1	3326	3159	3175	3220	2.85	cps
Molybdenum	97-1	850	925	958	911	6.09	cps
Molybdenum	98-1	2275	2342	2567	2395	6.38	cps
Neodymium	150-1	293	320	347	320	8.33	cps
Neodymium	150-2	90	117	127	111	17.06	cps
Nickel	60-2	1370	1503	1367	1413	5.52	cps
Phosphorus	31-2	7877	7452	7802	7711	2.94	cps
Potassium	39-2	288242	294997	292387	291875	1.17	cps
Rhodium	103-1	15200101	14954900	15123147	15092716	0.83	cps
Rhodium	103-2	6727558	6746035	6673668	6715754	0.56	cps
Scandium	45-1	11267404	10974606	11171672	11137894	1.34	cps
Scandium	45-2	458629	454171	452752	455184	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	81	74	76	77	4.99	cps
Selenium	82-1	358	347	428	378	11.66	cps
Silicon	28-1	32568993	32751239	32570524	32630252	0.32	cps
Silver	109-1	758	833	883	825	7.63	cps
Silver	107-1	1017	942	783	914	13.03	cps
Sodium	23-2	18800103	18734561	18763776	18766147	0.17	cps
Strontium	86-1	182411	181315	185542	183089	1.20	cps
Strontium	88-1	1565152	1555577	1570660	1563796	0.49	cps
Sulfur	34-1	739306	740052	735097	738151	0.36	cps
Terbium	159-1	21897901	22163367	22072926	22044731	0.61	cps
Terbium	159-2	10037798	10078815	9930660	10015757	0.76	cps
Thallium	203-1	1108	992	1192	1097	9.16	cps
Thallium	205-1	2025	1925	2017	1989	2.79	cps
Thorium	232-1	2322	2411	2423	2385	2.30	cps
Tin	118-1	185747	183407	186117	185090	0.79	cps
Titanium	47-1	7369	7352	7285	7335	0.60	cps
Uranium	238-1	4276	3934	3926	4045	4.94	cps
Vanadium	51-2	4434	4634	4561	4543	2.23	cps
Yttrium	89-1	17586438	17484400	17500673	17523837	0.31	cps
Yttrium	89-2	2282337	2283241	2280751	2282110	0.06	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5553-01	Instrumnet Name :	P7
Client Sample ID :	391018014	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:13:55	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	168479	168304	169464	168749	0.37	cps
Zirconium	90-1	24388	24781	23629	24266	2.41	cps
Zirconium	91-1	5626	5660	5151	5479	5.19	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	833	825	792	8.22	cps
Antimony	121-1	1392	1358	1434	1395	2.70	cps
Arsenic	75-1	9276	9427	8792	9165	3.62	cps
Barium	135-1	107480	107547	110664	108564	1.68	cps
Barium	137-1	186334	186384	186301	186339	0.02	cps
Beryllium	9-1	111	117	117	115	2.80	cps
Bismuth	209-1	12740578	12685365	12760051	12728665	0.30	cps
Bismuth	209-2	7059812	7008821	6957135	7008589	0.73	cps
Boron	10-1	5893	6093	6227	6071	2.76	cps
Boron	11-1	29856	30098	27643	29199	4.63	cps
Cadmium	111-1	5446	5155	5080	5227	3.70	cps
Cadmium	106-1	7085	6769	6568	6807	3.83	cps
Cadmium	108-1	38	42	79	53	43.48	cps
Calcium	43-1	1434779	1424782	1444856	1434806	0.70	cps
Calcium	44-1	23921102	23915712	24182108	24006307	0.63	cps
Chromium	52-2	3987	3994	3981	3987	0.17	cps
Cobalt	59-2	887	870	823	860	3.82	cps
Copper	63-2	611904	613555	612108	612522	0.15	cps
Dysprosium	156-1	167	200	1042	469	105.63	cps
Dysprosium	156-2	87	57	47	63	32.87	cps
Erbium	164-1	175	158	158	164	5.87	cps
Erbium	164-2	70	113	120	101	26.85	cps
Gadolinium	160-1	133	158	217	169	25.24	cps
Gadolinium	160-2	337	413	380	377	10.21	cps
Holmium	165-1	21701167	21513020	21436221	21550136	0.63	cps
Holmium	165-2	10252755	10168732	10151093	10190860	0.53	cps
Indium	115-1	16588707	16531164	16553767	16557879	0.18	cps
Indium	115-2	2937204	2949330	2951768	2946101	0.26	cps
Iron	56-2	761851	766951	772171	766991	0.67	cps
Iron	57-2	27988	28461	28216	28222	0.84	cps
Krypton	83-1	1730	1790	1633	1718	4.60	cps
Lead	206-1	86006	84167	83646	84606	1.47	cps
Lead	207-1	72622	70585	70281	71162	1.79	cps
Lead	208-1	329416	324472	324223	326037	0.90	cps
Lithium	6-1	5737124	5684618	5681379	5701040	0.55	cps
Magnesium	24-2	6005590	6057748	5981860	6015066	0.65	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140829	142613	142142	141861	0.65	cps
Molybdenum	94-1	1525	1333	1583	1481	8.83	cps
Molybdenum	95-1	1592	1825	1642	1686	7.29	cps
Molybdenum	96-1	1892	1917	2067	1959	4.83	cps
Molybdenum	97-1	1242	1175	975	1131	12.28	cps
Molybdenum	98-1	2617	2625	2525	2589	2.14	cps
Neodymium	150-1	67	33	80	60	40.07	cps
Neodymium	150-2	30	13	13	19	50.96	cps
Nickel	60-2	6075	5551	5915	5847	4.59	cps
Phosphorus	31-2	292	292	317	300	4.81	cps
Potassium	39-2	576663	581886	579886	579478	0.45	cps
Rhodium	103-1	15003083	14809248	14821536	14877955	0.73	cps
Rhodium	103-2	6561205	6554845	6528520	6548190	0.26	cps
Scandium	45-1	11170241	11052027	11142596	11121621	0.56	cps
Scandium	45-2	451985	451646	446560	450064	0.68	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	100	115	52	89	37.04	cps
Selenium	82-1	375	363	422	387	8.09	cps
Silicon	28-1	81616250	80948796	79899739	80821595	1.07	cps
Silver	109-1	1167	1083	1333	1195	10.66	cps
Silver	107-1	1275	1325	1217	1272	4.26	cps
Sodium	23-2	3800569	3826791	3777155	3801505	0.65	cps
Strontium	86-1	153716	151467	152779	152654	0.74	cps
Strontium	88-1	1309379	1316118	1290006	1305167	1.04	cps
Sulfur	34-1	571831	570876	570731	571146	0.10	cps
Terbium	159-1	22110712	21771932	22060085	21980910	0.83	cps
Terbium	159-2	9942301	10021448	9834013	9932587	0.95	cps
Thallium	203-1	892	1025	1008	975	7.45	cps
Thallium	205-1	2075	2009	1633	1906	12.50	cps
Thorium	232-1	1761	2034	1872	1889	7.25	cps
Tin	118-1	11363	11438	11405	11402	0.33	cps
Titanium	47-1	1575	1458	1650	1561	6.19	cps
Uranium	238-1	14592	14158	14284	14345	1.56	cps
Vanadium	51-2	1220	1197	1233	1217	1.53	cps
Yttrium	89-1	17342169	17245314	17065656	17217713	0.81	cps
Yttrium	89-2	2259766	2297135	2293901	2283601	0.91	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5548-01	Instrumnet Name :	P7
Client Sample ID :	391021178.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:17:29	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52461	51635	52200	52098	0.81	cps
Zirconium	90-1	1125	1058	1183	1122	5.57	cps
Zirconium	91-1	275	133	433	281	53.49	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1483	1508	1617	1536	4.61	cps
Antimony	121-1	733	600	767	700	12.60	cps
Arsenic	75-1	10712	10628	10541	10627	0.81	cps
Barium	135-1	1000242	1005834	1010826	1005634	0.53	cps
Barium	137-1	1750901	1746599	1751994	1749832	0.16	cps
Beryllium	9-1	183	172	178	178	3.12	cps
Bismuth	209-1	12658218	12680222	12538573	12625671	0.60	cps
Bismuth	209-2	6881183	6731777	6977954	6863638	1.81	cps
Boron	10-1	8419	8294	9161	8625	5.44	cps
Boron	11-1	40322	40480	40765	40522	0.55	cps
Cadmium	111-1	4679	4716	4661	4685	0.60	cps
Cadmium	106-1	6652	6727	6618	6666	0.83	cps
Cadmium	108-1	33	38	25	32	19.92	cps
Calcium	43-1	777466	783220	781600	780762	0.38	cps
Calcium	44-1	12929269	13019988	12980526	12976595	0.35	cps
Chromium	52-2	3734	3500	3494	3576	3.82	cps
Cobalt	59-2	290	263	383	312	20.18	cps
Copper	63-2	100962	102224	104983	102723	2.00	cps
Dysprosium	156-1	192	175	192	186	5.17	cps
Dysprosium	156-2	63	70	120	84	36.68	cps
Erbium	164-1	142	117	108	122	14.19	cps
Erbium	164-2	63	67	73	68	7.52	cps
Gadolinium	160-1	100	258	142	167	49.24	cps
Gadolinium	160-2	403	337	377	372	9.01	cps
Holmium	165-1	21278636	21295551	21009005	21194398	0.76	cps
Holmium	165-2	10023319	9907013	10194064	10041465	1.44	cps
Indium	115-1	16437176	16421453	16199324	16352651	0.81	cps
Indium	115-2	2919890	2901124	2936973	2919329	0.61	cps
Iron	56-2	1748559	1760884	1785775	1765073	1.07	cps
Iron	57-2	48190	49216	49144	48850	1.17	cps
Krypton	83-1	1663	1710	1607	1660	3.12	cps
Lead	206-1	53720	54457	55293	54490	1.44	cps
Lead	207-1	44079	44660	44799	44513	0.86	cps
Lead	208-1	205064	207785	210828	207892	1.39	cps
Lithium	6-1	5680248	5721380	5589820	5663816	1.19	cps
Magnesium	24-2	2759853	2782183	2757652	2766563	0.49	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1553	1773	1984	1770	12.15	cps
Molybdenum	94-1	492	467	608	522	14.48	cps
Molybdenum	95-1	292	325	308	308	5.41	cps
Molybdenum	96-1	600	558	517	558	7.46	cps
Molybdenum	97-1	167	258	175	200	25.34	cps
Molybdenum	98-1	417	433	417	422	2.28	cps
Neodymium	150-1	147	147	160	151	5.10	cps
Neodymium	150-2	7	13	37	19	83.40	cps
Nickel	60-2	1483	1523	1493	1500	1.39	cps
Phosphorus	31-2	875	1025	1125	1008	12.48	cps
Potassium	39-2	554392	548971	562732	555365	1.25	cps
Rhodium	103-1	14872862	14898800	14632711	14801458	0.99	cps
Rhodium	103-2	6516876	6441213	6540594	6499561	0.80	cps
Scandium	45-1	10822116	11051265	10740852	10871411	1.48	cps
Scandium	45-2	442812	442334	447574	444240	0.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	63	78	73	12.44	cps
Selenium	82-1	391	358	423	391	8.33	cps
Silicon	28-1	116266311	116207823	116450457	116308197	0.11	cps
Silver	109-1	325	433	375	378	14.35	cps
Silver	107-1	442	358	442	414	11.62	cps
Sodium	23-2	9028091	8999366	9019254	9015571	0.16	cps
Strontium	86-1	732399	720341	729449	727396	0.86	cps
Strontium	88-1	6441403	6490717	6505815	6479312	0.52	cps
Sulfur	34-1	673377	681629	677041	677349	0.61	cps
Terbium	159-1	21791101	21860796	21569126	21740341	0.70	cps
Terbium	159-2	9797865	9685048	9901032	9794649	1.10	cps
Thallium	203-1	767	892	867	842	7.86	cps
Thallium	205-1	1759	1934	1850	1847	4.74	cps
Thorium	232-1	1861	1756	1784	1800	3.04	cps
Tin	118-1	16986	16811	17136	16978	0.96	cps
Titanium	47-1	1992	2217	1942	2050	7.15	cps
Uranium	238-1	5435	5151	5735	5440	5.36	cps
Vanadium	51-2	1643	1530	1587	1587	3.57	cps
Yttrium	89-1	17178388	17278453	17078742	17178528	0.58	cps
Yttrium	89-2	2233344	2215087	2265930	2238120	1.15	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	K5592-01	Instrumnet Name :	P7
Client Sample ID :	391023078	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:21:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7012	6858	6995	6955	1.21	cps
Zirconium	90-1	1200	1150	1283	1211	5.56	cps
Zirconium	91-1	217	217	258	231	10.43	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8334190	8404759	8434135	8391028	0.61	cps
Antimony	121-1	6113469	6201651	6225666	6180262	0.96	cps
Arsenic	75-1	2406411	2433645	2470548	2436868	1.32	cps
Barium	135-1	8316837	8437988	8517166	8423997	1.20	cps
Barium	137-1	14474250	14647970	14712198	14611473	0.84	cps
Beryllium	9-1	1792204	1813655	1818895	1808251	0.78	cps
Bismuth	209-1	10958662	11043458	11252836	11084986	1.37	cps
Bismuth	209-2	6052371	6114726	6079153	6082083	0.51	cps
Boron	10-1	284650	290219	294081	289650	1.64	cps
Boron	11-1	1318646	1385502	1403736	1369295	3.27	cps
Cadmium	111-1	1861757	1893536	1916592	1890628	1.46	cps
Cadmium	106-1	214619	217218	219966	217268	1.23	cps
Cadmium	108-1	141254	143362	144262	142959	1.08	cps
Calcium	43-1	11253154	11257858	11377142	11296051	0.62	cps
Calcium	44-1	182486696	183595571	183978096	183353454	0.42	cps
Chromium	52-2	2153251	2193772	2180765	2175929	0.95	cps
Cobalt	59-2	3595915	3620323	3647847	3621362	0.72	cps
Copper	63-2	4978936	5012355	5079927	5023740	1.02	cps
Dysprosium	156-1	233	200	175	203	14.43	cps
Dysprosium	156-2	230	200	197	209	8.79	cps
Erbium	164-1	142	175	100	139	27.06	cps
Erbium	164-2	60	83	80	74	16.95	cps
Gadolinium	160-1	108	125	183	139	28.35	cps
Gadolinium	160-2	370	373	400	381	4.31	cps
Holmium	165-1	20659588	20902894	21130543	20897675	1.13	cps
Holmium	165-2	10012979	10104463	10018580	10045341	0.51	cps
Indium	115-1	15295529	15387711	15519057	15400766	0.73	cps
Indium	115-2	2856198	2879753	2831990	2855981	0.84	cps
Iron	56-2	430678821	431449454	432392610	431506961	0.20	cps
Iron	57-2	10544701	10607122	10701643	10617822	0.74	cps
Krypton	83-1	1777	1680	1837	1765	4.48	cps
Lead	206-1	5000232	5095909	5147221	5081121	1.47	cps
Lead	207-1	4233645	4327588	4351814	4304349	1.45	cps
Lead	208-1	19596979	19963333	20191889	19917401	1.51	cps
Lithium	6-1	5590330	5609072	5633291	5610898	0.38	cps
Magnesium	24-2	87041539	86657337	87236354	86978410	0.34	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2496529	2540737	2520889	2519385	0.88	cps
Molybdenum	94-1	14354912	14542060	14479808	14458927	0.66	cps
Molybdenum	95-1	17656670	17698181	17757201	17704017	0.29	cps
Molybdenum	96-1	19613140	19779725	19770519	19721128	0.47	cps
Molybdenum	97-1	11017927	11086716	11093581	11066075	0.38	cps
Molybdenum	98-1	28324764	28772638	28931918	28676440	1.10	cps
Neodymium	150-1	613	667	700	660	6.62	cps
Neodymium	150-2	70	130	77	92	35.66	cps
Nickel	60-2	861904	872450	874461	869605	0.78	cps
Phosphorus	31-2	91464	92704	92729	92299	0.78	cps
Potassium	39-2	41053741	41584322	41576705	41404922	0.73	cps
Rhodium	103-1	13370020	13580440	13719370	13556610	1.30	cps
Rhodium	103-2	6117105	6104911	6107685	6109900	0.10	cps
Scandium	45-1	10885573	11120578	11255533	11087228	1.69	cps
Scandium	45-2	482408	483868	486865	484381	0.47	cps
Selenium	77-2	6362	6502	6722	6528	2.78	cps
Selenium	78-2	21731	21499	21959	21730	1.06	cps
Selenium	82-1	146978	150639	149802	149140	1.29	cps
Silicon	28-1	6024164	6219955	6359450	6201190	2.72	cps
Silver	109-1	8453244	8596095	8634697	8561346	1.12	cps
Silver	107-1	8862209	8941868	9002766	8935614	0.79	cps
Sodium	23-2	173426796	175198221	175419279	174681432	0.63	cps
Strontium	86-1	2258846	2283817	2277442	2273369	0.57	cps
Strontium	88-1	19814315	20166250	20189138	20056568	1.05	cps
Sulfur	34-1	1360860	1366230	1382840	1369977	0.84	cps
Terbium	159-1	21095799	21249477	21410441	21251906	0.74	cps
Terbium	159-2	9728036	9794809	9809929	9777591	0.45	cps
Thallium	203-1	6240405	6375583	6507629	6374539	2.10	cps
Thallium	205-1	15217978	15386009	15524340	15376109	1.00	cps
Thorium	232-1	20921471	21084308	21421762	21142514	1.21	cps
Tin	118-1	5469416	5515528	5587349	5524098	1.08	cps
Titanium	47-1	5098762	5186663	5219296	5168241	1.21	cps
Uranium	238-1	19759956	20207205	20275760	20080974	1.39	cps
Vanadium	51-2	1808008	1827486	1825426	1820307	0.59	cps
Yttrium	89-1	16960601	17060608	17136489	17052566	0.52	cps
Yttrium	89-2	2327086	2351942	2328108	2335712	0.60	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:46:58	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	773589	780495	781120	778401	0.54	cps
Zirconium	90-1	12033498	12168098	12254281	12151959	0.92	cps
Zirconium	91-1	2606243	2684667	2666448	2652453	1.55	cps

LB Number : LB106024 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-30 14:50:38 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	658	508	658	22.79	cps
Antimony	121-1	4543	5493	5693	5243	11.72	cps
Arsenic	75-1	8667	8640	8470	8592	1.24	cps
Barium	135-1	1017	858	1017	964	9.48	cps
Barium	137-1	1759	1775	1600	1711	5.64	cps
Beryllium	9-1	467	372	433	424	11.29	cps
Bismuth	209-1	12647716	12527752	12500106	12558525	0.62	cps
Bismuth	209-2	6981062	7019425	6992888	6997792	0.28	cps
Boron	10-1	16193	15859	15634	15895	1.77	cps
Boron	11-1	79242	73596	70901	74580	5.71	cps
Cadmium	111-1	5135	4878	4572	4861	5.80	cps
Cadmium	106-1	6794	6585	6185	6521	4.74	cps
Cadmium	108-1	42	46	29	39	22.30	cps
Calcium	43-1	1342	1375	1408	1375	2.42	cps
Calcium	44-1	33807	33966	32972	33582	1.59	cps
Chromium	52-2	970	907	947	941	3.40	cps
Cobalt	59-2	353	390	330	358	8.45	cps
Copper	63-2	1767	1883	1977	1876	5.61	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	27	33	37	32	15.80	cps
Erbium	164-1	133	92	117	114	18.41	cps
Erbium	164-2	77	63	50	63	21.06	cps
Gadolinium	160-1	108	108	75	97	19.80	cps
Gadolinium	160-2	263	357	310	310	15.05	cps
Holmium	165-1	21126360	21103493	20827563	21019139	0.79	cps
Holmium	165-2	10061823	10129954	10065552	10085776	0.38	cps
Indium	115-1	16575110	16499797	16645587	16573498	0.44	cps
Indium	115-2	2967494	3000176	2992336	2986668	0.57	cps
Iron	56-2	41972	40150	37197	39773	6.06	cps
Iron	57-2	1217	1178	983	1126	11.10	cps
Krypton	83-1	1707	1533	1710	1650	6.12	cps
Lead	206-1	1906	2139	1928	1991	6.47	cps
Lead	207-1	1739	1667	1672	1693	2.37	cps
Lead	208-1	7457	7184	7234	7292	1.99	cps
Lithium	6-1	5926921	5938716	5951792	5939143	0.21	cps
Magnesium	24-2	6693	6610	6001	6435	5.87	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:50:38	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	257	217	267	20.88	cps
Molybdenum	94-1	2575	3009	2859	2814	7.82	cps
Molybdenum	95-1	3376	3342	3442	3387	1.50	cps
Molybdenum	96-1	3584	3584	3451	3539	2.18	cps
Molybdenum	97-1	2017	2200	2009	2075	5.22	cps
Molybdenum	98-1	5410	5551	5468	5476	1.30	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	93	90	87	90	3.71	cps
Phosphorus	31-2	158	183	142	161	13.02	cps
Potassium	39-2	33347	33497	33564	33469	0.33	cps
Rhodium	103-1	15241012	15259634	15142180	15214275	0.41	cps
Rhodium	103-2	6825149	6824447	6845088	6831561	0.17	cps
Scandium	45-1	11327164	11413639	11385222	11375342	0.39	cps
Scandium	45-2	464658	468453	466509	466540	0.41	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	80	78	126	94	28.89	cps
Selenium	82-1	393	575	305	425	32.49	cps
Silicon	28-1	286476	280154	275688	280772	1.93	cps
Silver	109-1	1383	1317	1367	1356	2.56	cps
Silver	107-1	1625	1367	1642	1545	9.98	cps
Sodium	23-2	45069	44726	41650	43815	4.30	cps
Strontium	86-1	3067	2859	2984	2970	3.53	cps
Strontium	88-1	2334	2534	2300	2389	5.28	cps
Sulfur	34-1	482887	490119	484676	485894	0.78	cps
Terbium	159-1	21456465	21616131	21337170	21469922	0.65	cps
Terbium	159-2	9821925	9938763	9905135	9888608	0.61	cps
Thallium	203-1	3334	3025	2884	3081	7.47	cps
Thallium	205-1	7144	7286	6352	6927	7.26	cps
Thorium	232-1	6141	6418	6274	6278	2.21	cps
Tin	118-1	2992	3217	3317	3176	5.24	cps
Titanium	47-1	967	817	650	811	19.53	cps
Uranium	238-1	3726	4259	3792	3926	7.40	cps
Vanadium	51-2	130	143	153	142	8.23	cps
Yttrium	89-1	17503403	17619480	17637486	17586790	0.41	cps
Yttrium	89-2	2290745	2302621	2310817	2301395	0.44	cps

LB Number :	LB106024	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-30 14:50:38	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	433	377	413	408	7.05	cps
Zirconium	90-1	3117	2684	2900	2900	7.47	cps
Zirconium	91-1	583	625	658	622	6.04	cps