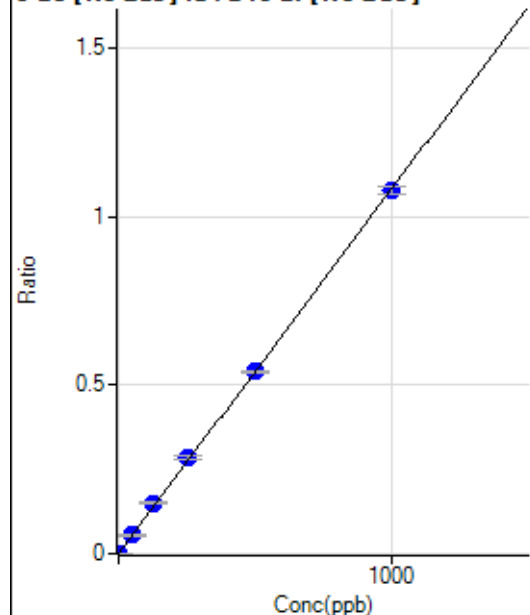


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081820AA.b\
 Analysis File: P8081820AA.batch.bin
 DA Date-Time: 2020-08-18 17:49:00
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-08-18 14:45:11
2	006CALS.d	S02	2020-08-18 14:48:19
3	007CALS.d	S03	2020-08-18 14:51:24
4	008CALS.d	S04	2020-08-18 14:54:32
5	009CALS.d	S05	2020-08-18 14:57:32
6	010CALS.d	S06	2020-08-18 15:00:33
7	011CALS.d	S07	2020-08-18 15:03:31
8	012CALS.d	S08	2020-08-18 15:06:32

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.32	0.0001	P	26.1
2	☐	1.000	0.952	742.54	0.0011	P	5.4
3	☐	50.000	50.376	38818.41	0.0545	P	6.9
4	☐	125.000	139.711	96994.65	0.1511	P	7.3
5	☐	250.000	263.817	193735.61	0.2853	P	3.0
6	☐	500.000	498.830	381886.56	0.5394	P	0.4
7	☐	1000.000	995.273	746474.65	1.0761	P	2.1
8	☐			216.63	0.0003	P	20.2

$$y = 0.0011 * x + 5.1260E-005$$

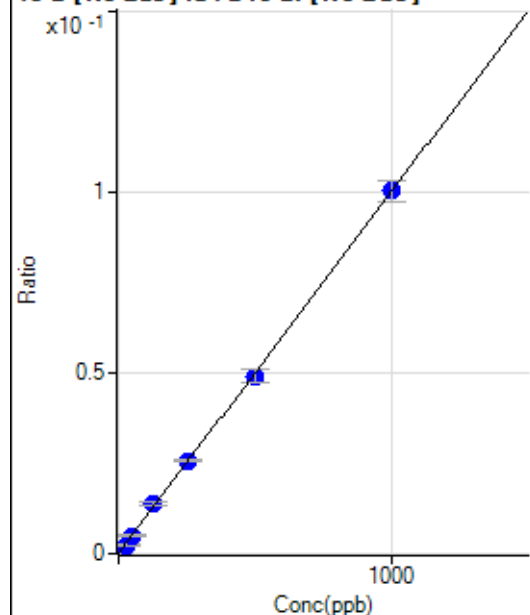
$$R = 0.9998$$

$$DL = 0.03714$$

$$BEC = 0.04741$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.66	0.0001	P	24.0
2	☐	25.000	22.229	1585.78	0.0023	P	10.3
3	☐	50.000	49.383	3587.08	0.0050	P	6.2
4	☐	125.000	137.098	8880.29	0.0138	P	5.4
5	☐	250.000	255.992	17453.57	0.0257	P	2.9
6	☐	500.000	490.678	34785.52	0.0491	P	7.6
7	☐	1000.000	1001.751	69553.66	0.1002	P	5.9
8	☐			6815.58	0.0093	P	8.7

$$y = 9.9932E-005 * x + 8.5201E-005$$

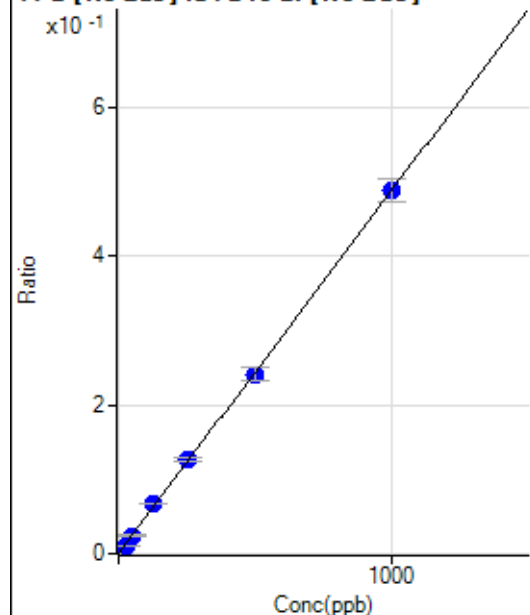
$$R = 0.9998$$

$$DL = 0.6132$$

$$BEC = 0.8526$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	243.95	0.0004	P	8.6
2	☐	25.000	21.941	7591.15	0.0110	P	8.3
3	☐	50.000	48.993	17291.42	0.0242	P	2.6
4	☐	125.000	137.581	43393.89	0.0674	P	2.5
5	☐	250.000	256.897	85337.64	0.1255	P	4.0
6	☐	500.000	494.707	170877.39	0.2413	P	7.8
7	☐	1000.000	999.477	338180.12	0.4871	P	6.5
8	☐			32723.33	0.0445	P	11.4

$$y = 4.8702\text{E-}004 * x + 3.5450\text{E-}004$$

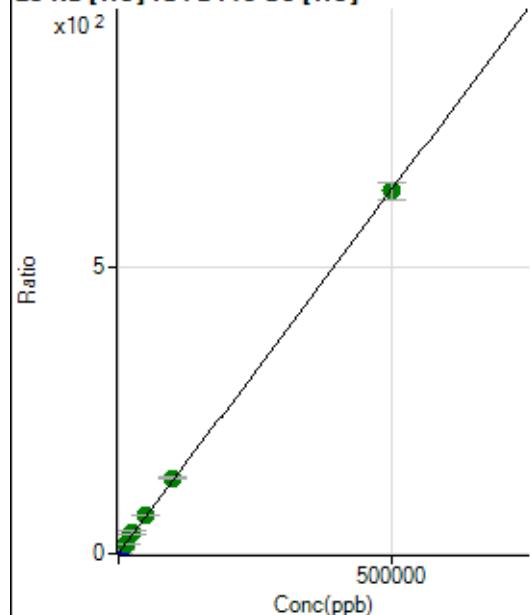
$$R = 0.9999$$

$$DL = 0.1883$$

$$BEC = 0.7279$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59611.17	0.5010	P	1.6
2	☐	500.000	521.451	134238.09	1.1636	P	4.2
3	☐	5000.000	5824.298	902021.46	7.9025	P	9.5
4	☐	12500.000	13395.525	2108151.93	17.5241	A	1.4
5	☐	25000.000	28392.815	4239824.88	36.5827	A	13.0
6	☐	50000.000	52777.468	8105557.91	67.5709	A	1.9
7	☐	100000.00	103539.80	16070540.29	132.0799	A	1.5
8	☐	500000.00	498813.99	81391926.82	634.3966	A	4.9

$$y = 0.0013 * x + 0.5010$$

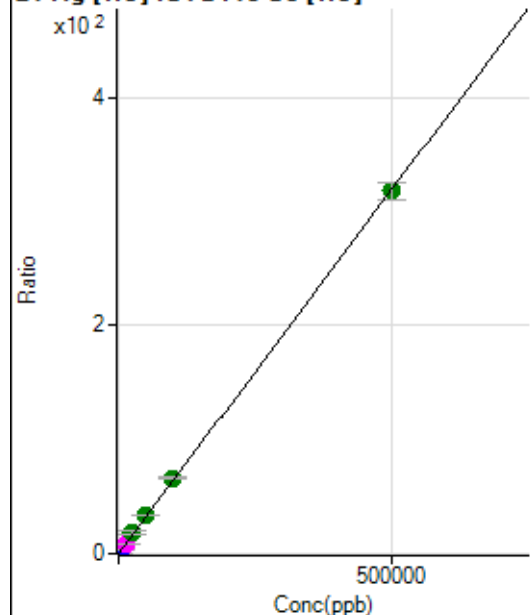
$$R = 1.0000$$

$$DL = 18.37$$

$$BEC = 394.2$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	375.02	0.0032	P	14.2
2	☐	500.000	524.239	38966.52	0.3377	P	3.8
3	☐	5000.000	5905.298	430346.48	3.7721	P	10.3
4	☐	12500.000	13647.551	1048199.32	8.7134	M	1.4
5	☐	25000.000	28900.736	2135701.22	18.4485	A	14.3
6	☐	50000.000	53253.890	4077061.81	33.9914	A	2.1
7	☐	100000.00	103943.41	8072051.74	66.3429	A	1.2
8	☐	500000.00	498653.12	40832564.46	318.2583	A	4.9

$$y = 6.3823\text{E-}004 * x + 0.0032$$

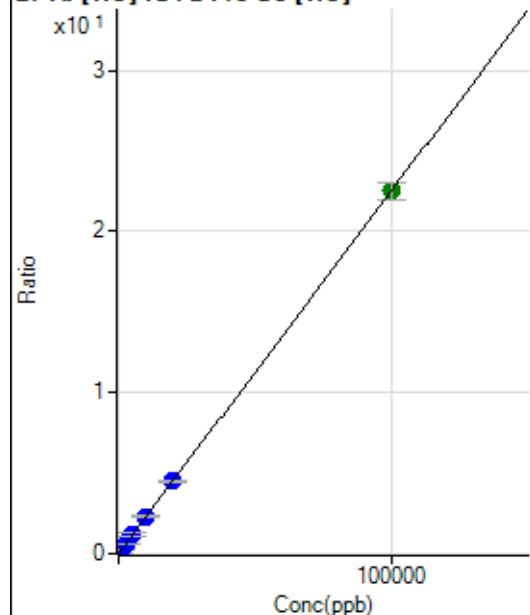
$$R = 0.9999$$

$$DL = 2.107$$

$$BEC = 4.941$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	847.19	0.0071	P	3.9
2	☐	20.000	20.811	1360.46	0.0118	P	8.6
3	☐	1000.000	1087.803	28759.23	0.2519	P	9.4
4	☐	2500.000	2597.505	71186.49	0.5917	P	1.1
5	☐	5000.000	5361.643	140612.85	1.2138	P	13.4
6	☐	10000.000	10198.524	276151.70	2.3025	P	2.6
7	☐	20000.000	19890.220	545537.86	4.4837	P	0.5
8	☐	100000.00	99980.706	2887873.25	22.5094	A	5.0

$$y = 2.2507\text{E-}004 * x + 0.0071$$

$$R = 1.0000$$

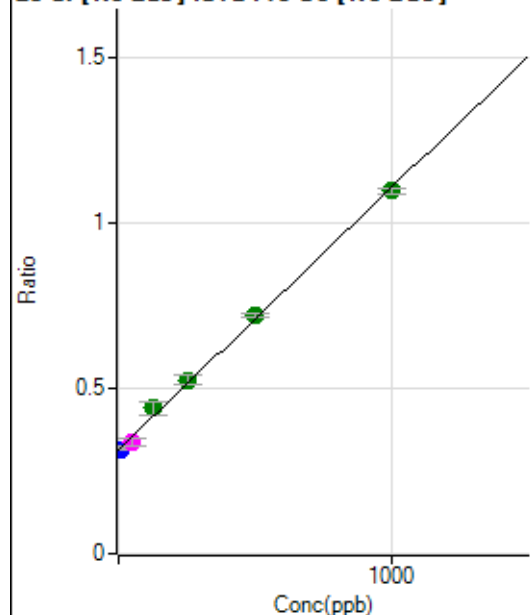
$$DL = 3.655$$

$$BEC = 31.63$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	754145.89	0.3137	P	0.9
2	☐	10.000	2.000	772452.14	0.3153	P	1.1
3	☐	50.000	30.976	876514.25	0.3382	M	6.3
4	☐	125.000	157.971	1012341.41	0.4388	A	8.9
5	☐	250.000	266.411	1270007.74	0.5247	A	5.1
6	☐	500.000	512.619	1823748.87	0.7197	A	1.6
7	☐	1000.000	986.497	2683858.83	1.0951	A	1.7
8	☐			841793.62	0.3314	P	1.4

$$y = 7.9208\text{E-}004 * x + 0.3137$$

R = 0.9987

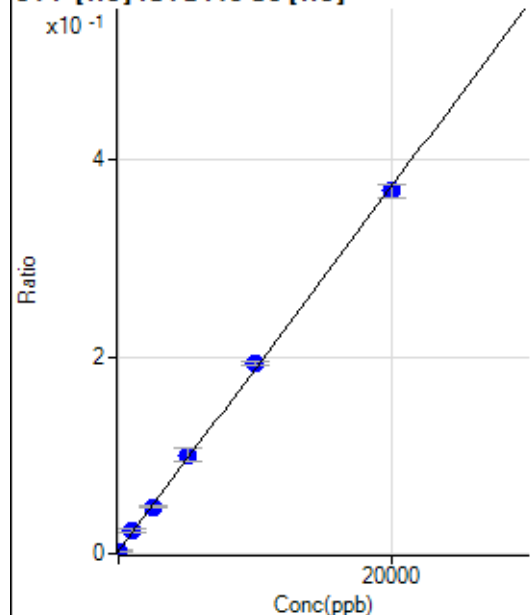
DL = 10.67

BEC = 396

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.833	330.57	0.0028	P	11.1
2	☐	0.000	-4.833	300.01	0.0026	P	13.7
3	☐	1000.000	1146.272	2728.13	0.0239	P	12.8
4	☐	2500.000	2434.219	5740.17	0.0477	P	2.6
5	☐	5000.000	5288.052	11627.16	0.1005	P	15.1
6	☐	10000.000	10337.274	23258.02	0.1939	P	2.0
7	☐	20000.000	19760.259	44800.46	0.3682	P	3.5
8	☐			269.46	0.0021	P	26.6

$$y = 1.8498\text{E-}005 * x + 0.0027$$

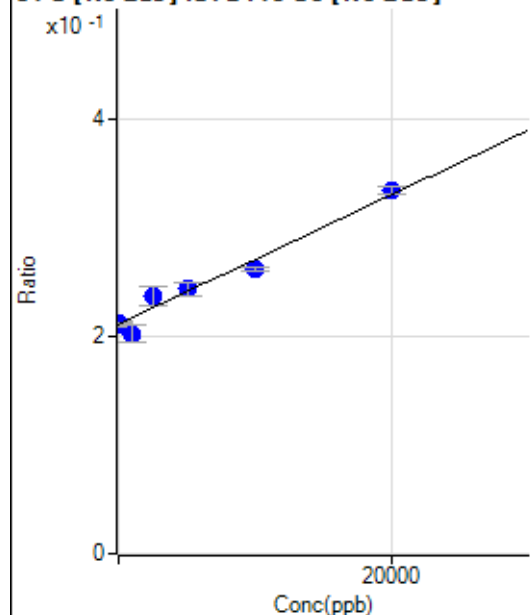
R = 0.9996

DL = 54.13

BEC = 145.5

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	174.316	511638.11	0.2128	P	1.6
2	☐	0.000	-174.316	516344.04	0.2107	P	1.6
3	☐	1000.000	-1518.387	524847.33	0.2027	P	7.8
4	☐	2500.000	4362.917	548869.57	0.2378	P	7.9
5	☐	5000.000	5356.284	589844.99	0.2437	P	5.2
6	☐	10000.000	8465.862	664498.58	0.2622	P	1.4
7	☐	20000.000	20571.053	819436.32	0.3344	P	2.2
8	☐			500753.64	0.1971	P	1.4

$$y = 5.9596\text{E-}006 * x + 0.2118$$

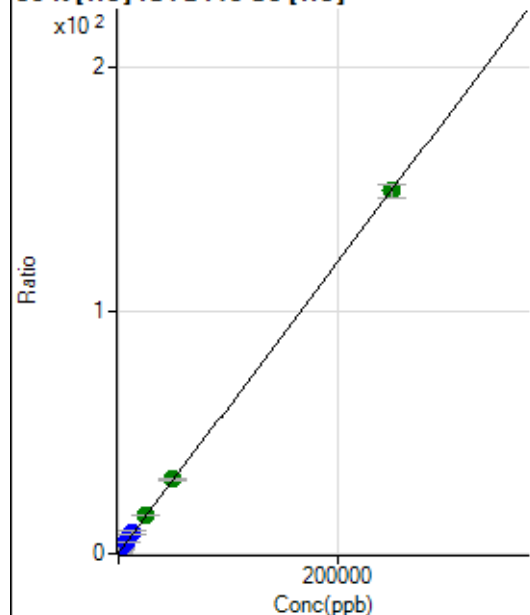
$$R = 0.9821$$

$$DL = 1717$$

$$BEC = 3.554\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37928.24	0.3188	P	2.8
2	☐	500.000	508.578	71820.66	0.6226	P	4.4
3	☐	2500.000	2869.863	232046.55	2.0329	P	9.5
4	☐	6250.000	6829.392	529084.18	4.3980	P	0.3
5	☐	12500.000	14059.413	1009663.39	8.7164	P	13.6
6	☐	25000.000	26312.020	1923685.72	16.0349	A	0.7
7	☐	50000.000	50680.589	3722129.20	30.5902	A	0.9
8	☐	250000.00	249636.50	19179398.17	149.4260	A	3.7

$$y = 5.9730\text{E-}004 * x + 0.3188$$

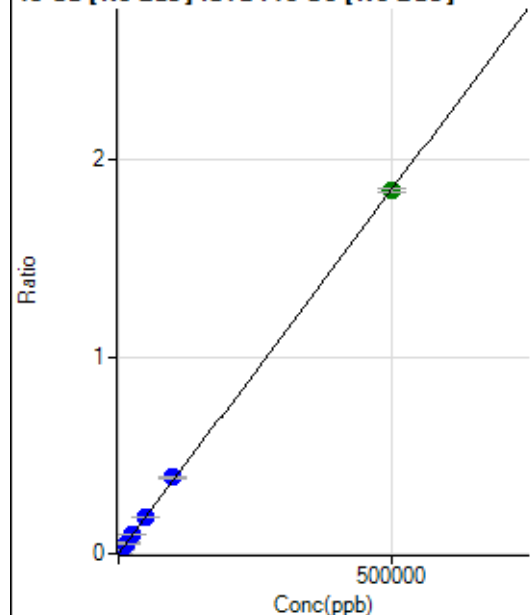
$$R = 1.0000$$

$$DL = 45.13$$

$$BEC = 533.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.03	0.0002	P	12.1
2	☐	500.000	477.348	4900.96	0.0020	P	5.8
3	☐	5000.000	4938.168	47760.63	0.0185	P	9.2
4	☐	12500.000	14120.574	120754.73	0.0523	P	9.0
5	☐	25000.000	26777.003	239697.39	0.0990	P	5.6
6	☐	50000.000	51041.953	477897.35	0.1886	P	1.5
7	☐	100000.00	105013.42	950177.70	0.3877	P	2.5
8	☐	500000.00	498764.39	4675910.65	1.8407	A	1.0

$$y = 3.6900\text{E-}006 * x + 2.3899\text{E-}004$$

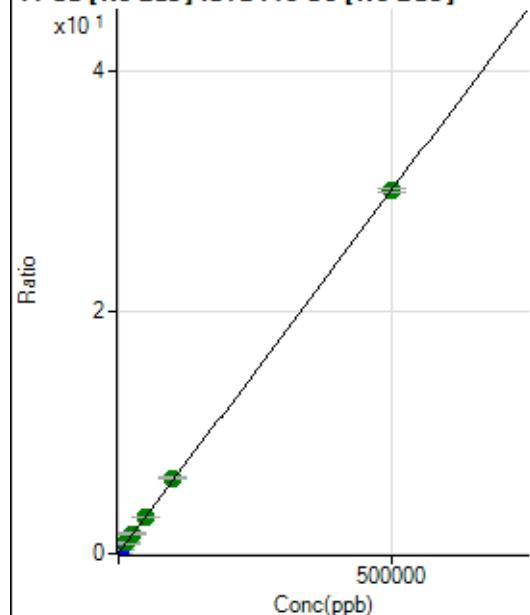
$$R = 0.9999$$

$$DL = 23.44$$

$$BEC = 64.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103351.36	0.0430	P	0.8
2	☐	500.000	468.477	174294.65	0.0711	P	1.5
3	☐	5000.000	5161.287	913862.42	0.3531	P	8.5
4	☐	12500.000	14117.597	2057527.63	0.8913	A	7.7
5	☐	25000.000	26586.787	3969953.39	1.6405	A	5.6
6	☐	50000.000	50619.097	7817345.92	3.0845	A	0.8
7	☐	100000.00	103266.47	15308861.97	6.2479	A	3.1
8	☐	500000.00	499163.43	76300764.20	30.0358	A	0.9

$$y = 6.0086\text{E-}005 * x + 0.0430$$

$$R = 1.0000$$

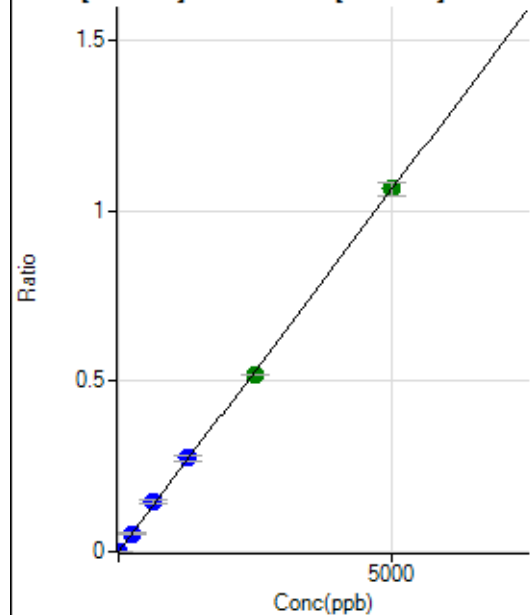
$$DL = 16.8$$

$$BEC = 715.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	891.72	0.0004	P	16.9
2	☐	5.000	4.697	3350.47	0.0014	P	5.0
3	☐	250.000	240.364	132845.32	0.0514	P	9.6
4	☐	625.000	679.149	333571.73	0.1444	P	7.0
5	☐	1250.000	1292.208	664228.63	0.2745	P	5.7
6	☐	2500.000	2440.790	1313117.18	0.5181	A	0.7
7	☐	5000.000	5012.766	2605943.66	1.0637	A	4.0
8	☐			1175.08	0.0005	P	6.1

$$y = 2.1212\text{E-}004 * x + 3.7105\text{E-}004$$

$$R = 0.9998$$

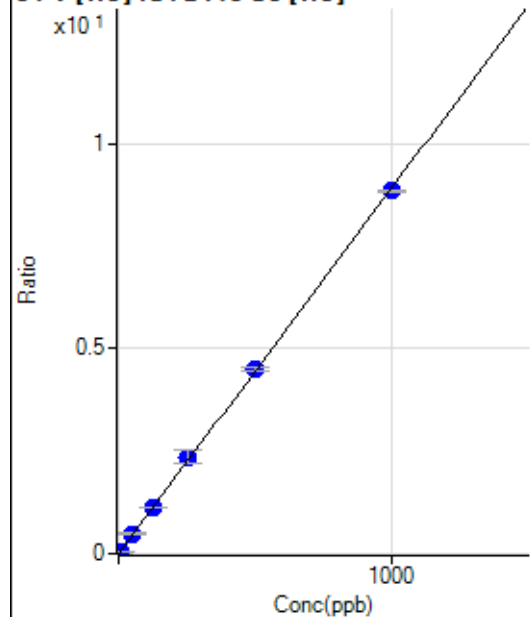
$$DL = 0.8888$$

$$BEC = 1.749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0001	P	33.2
2	☐	5.000	4.734	4876.43	0.0423	P	5.0
3	☐	50.000	53.499	54439.79	0.4765	P	7.9
4	☐	125.000	125.453	134405.46	1.1172	P	1.0
5	☐	250.000	264.617	272847.56	2.3565	P	14.1
6	☐	500.000	506.190	540661.18	4.5076	P	2.1
7	☐	1000.000	993.021	1075900.79	8.8428	P	0.6
8	☐			252.23	0.0020	P	4.2

$$y = 0.0089 * x + 1.0306\text{E-}004$$

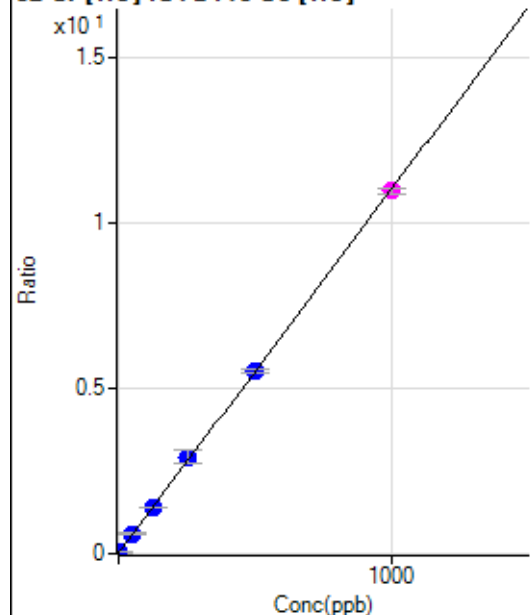
$$R = 0.9998$$

$$DL = 0.01153$$

$$BEC = 0.01157$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1462.31	0.0123	P	5.6
2	☐	2.000	1.967	3915.03	0.0339	P	2.9
3	☐	50.000	54.310	69584.97	0.6097	P	9.7
4	☐	125.000	127.179	169776.95	1.4113	P	0.7
5	☐	250.000	265.514	339681.56	2.9330	P	13.8
6	☐	500.000	500.535	661923.47	5.5183	P	1.5
7	☐	1000.000	995.366	1333701.99	10.9615	M	1.3
8	☐			7040.70	0.0549	P	7.3

$$y = 0.0110 * x + 0.0123$$

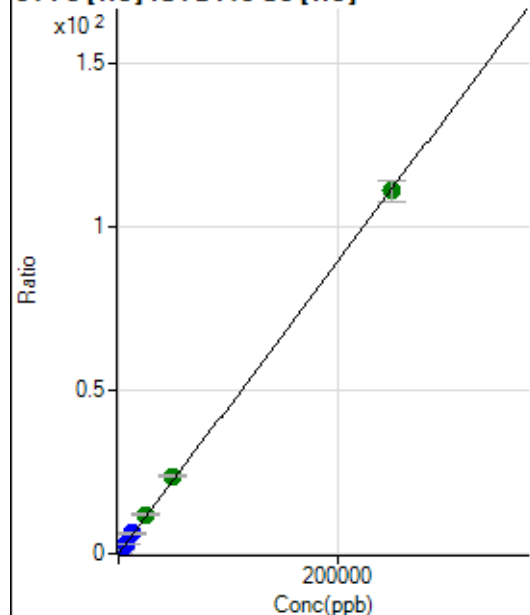
$$R = 0.9999$$

$$DL = 0.1876$$

$$BEC = 1.117$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.35	0.0041	P	9.7
2	☐	50.000	52.479	3161.52	0.0274	P	3.2
3	☐	2500.000	2873.872	146386.97	1.2822	P	9.1
4	☐	6250.000	6709.446	359467.91	2.9881	P	1.6
5	☐	12500.000	14035.634	723323.37	6.2465	P	14.1
6	☐	25000.000	26943.554	1437800.80	11.9873	A	2.3
7	☐	50000.000	53207.860	2879630.18	23.6685	A	1.9
8	☐	250000.00	249072.06	14209416.52	110.7801	A	5.6

$$y = 4.4475E-004 * x + 0.0041$$

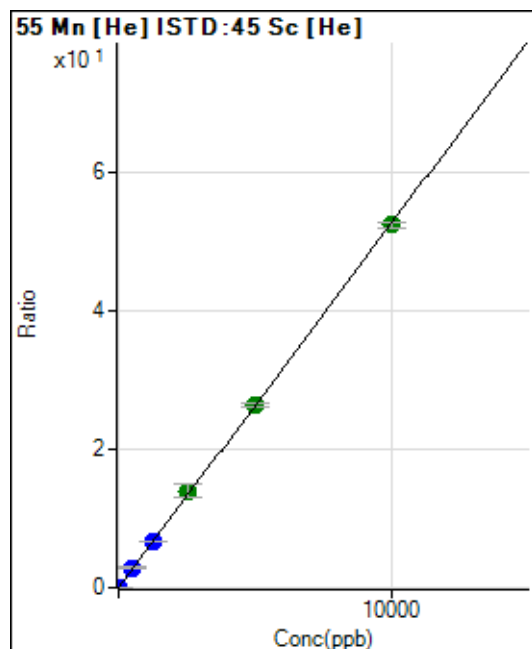
$$R = 0.9999$$

$$DL = 2.668$$

$$BEC = 9.125$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	107.78	0.0009	P	3.8
2	☐	1.000	0.898	652.24	0.0056	P	9.7
3	☐	500.000	538.387	324315.25	2.8416	P	9.6
4	☐	1250.000	1275.517	809724.16	6.7308	P	1.0
5	☐	2500.000	2658.299	1624655.95	14.0267	A	13.7
6	☐	5000.000	5003.590	3166768.18	26.4011	A	1.9
7	☐	10000.000	9953.521	6389691.71	52.5181	A	1.3
8	☐			5343.27	0.0417	P	6.2

$$y = 0.0053 * x + 9.0548E-004$$

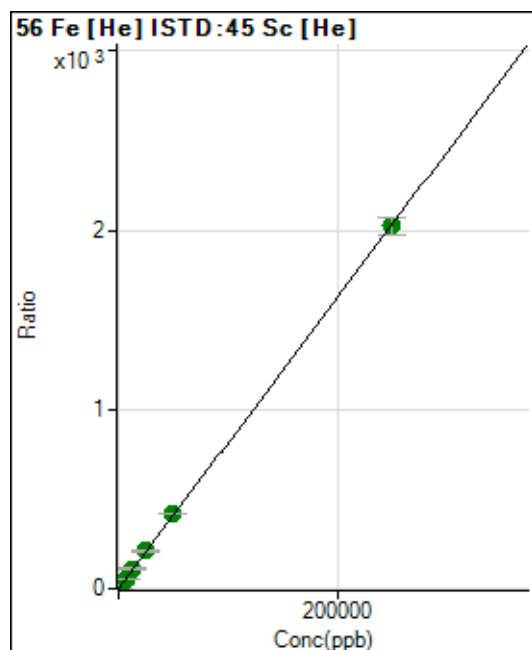
$$R = 0.9999$$

$$DL = 0.01934$$

$$BEC = 0.1716$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3633.87	0.0305	P	3.9
2	☐	50.000	49.969	50297.70	0.4359	P	3.6
3	☐	2500.000	2832.652	2626847.92	23.0115	A	9.4
4	☐	6250.000	6602.008	6447210.68	53.5918	A	0.6
5	☐	12500.000	13839.384	13000948.32	112.3076	A	14.3
6	☐	25000.000	25976.834	25281344.08	210.7772	A	2.1
7	☐	50000.000	51221.424	50564331.69	415.5833	A	1.0
8	☐	250000.00	249578.93	259795196.5	2,024.831	A	4.9

$$y = 0.0081 * x + 0.0305$$

$$R = 1.0000$$

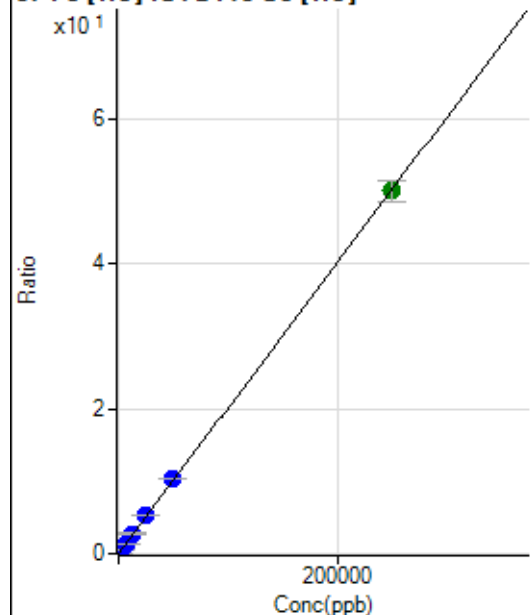
$$DL = 0.4456$$

$$BEC = 3.762$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	229.64	0.0019	P	7.4
2	☐	50.000	47.922	1331.57	0.0115	P	4.4
3	☐	2500.000	2793.399	64166.35	0.5623	P	10.0
4	☐	6250.000	6732.588	162712.92	1.3526	P	1.8
5	☐	12500.000	13863.542	322134.22	2.7831	P	14.5
6	☐	25000.000	26092.104	628075.38	5.2363	P	1.9
7	☐	50000.000	51221.767	1250474.47	10.2776	P	0.6
8	☐	250000.00	249563.26	6422352.98	50.0671	A	5.6

$$y = 2.0061\text{E-}004 * x + 0.0019$$

$$R = 1.0000$$

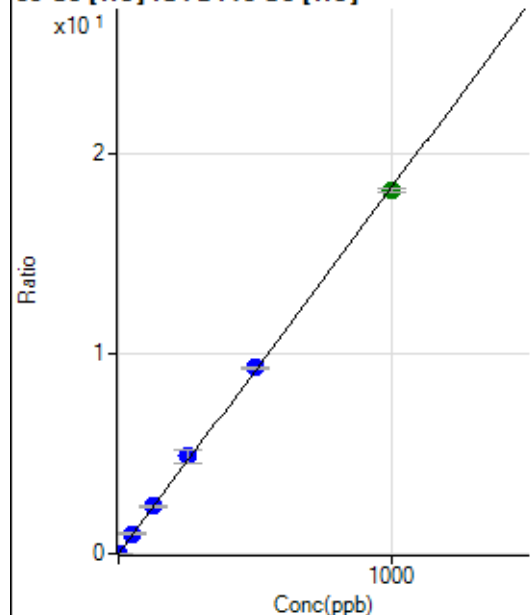
$$DL = 2.127$$

$$BEC = 9.618$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.45	0.0005	P	22.6
2	☐	1.000	0.959	2093.51	0.0181	P	2.6
3	☐	50.000	54.966	115127.50	1.0084	P	9.2
4	☐	125.000	129.281	285243.52	2.3711	P	1.4
5	☐	250.000	266.634	566218.50	4.8897	P	14.0
6	☐	500.000	508.084	1117612.80	9.3170	P	1.3
7	☐	1000.000	991.016	2211018.07	18.1723	A	1.2
8	☐			4148.43	0.0323	P	5.8

$$y = 0.0183 * x + 5.4278\text{E-}004$$

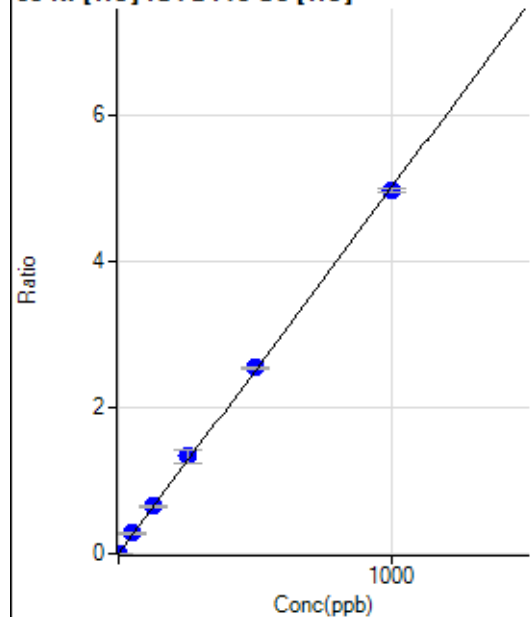
$$R = 0.9998$$

$$DL = 0.02004$$

$$BEC = 0.0296$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.89	0.0009	P	11.0
2	☐	1.000	0.982	672.24	0.0058	P	12.5
3	☐	50.000	55.454	31828.96	0.2789	P	9.9
4	☐	125.000	129.078	77955.45	0.6480	P	1.5
5	☐	250.000	267.187	155203.78	1.3404	P	14.1
6	☐	500.000	508.192	305715.52	2.5487	P	1.5
7	☐	1000.000	990.825	604473.73	4.9683	P	1.2
8	☐			2342.44	0.0183	P	6.2

$$y = 0.0050 * x + 9.1468E-004$$

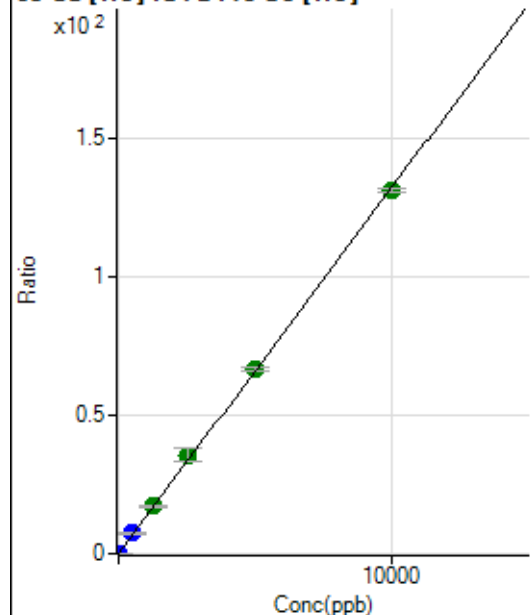
$$R = 0.9998$$

$$DL = 0.06001$$

$$BEC = 0.1824$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	587.79	0.0049	P	10.1
2	☐	2.000	2.110	3778.32	0.0328	P	9.7
3	☐	500.000	555.557	837513.15	7.3375	P	9.5
4	☐	1250.000	1296.021	2058345.18	17.1105	A	1.4
5	☐	2500.000	2689.388	4109773.48	35.5010	A	14.3
6	☐	5000.000	5053.212	8000852.66	66.7000	A	1.4
7	☐	10000.000	9917.516	15926845.87	130.9018	A	1.1
8	☐			6690.52	0.0521	P	3.4

$$y = 0.0132 * x + 0.0049$$

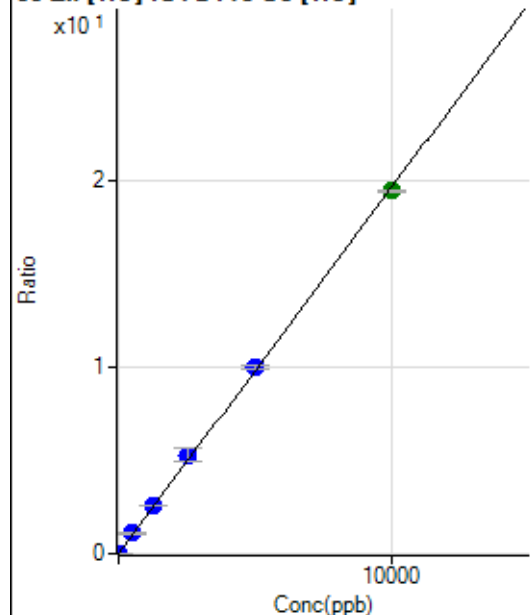
$$R = 0.9998$$

$$DL = 0.1129$$

$$BEC = 0.3743$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	228.89	0.0019	P	14.8
2	☐	2.000	2.085	695.58	0.0060	P	3.9
3	☐	500.000	554.076	124693.47	1.0921	P	9.0
4	☐	1250.000	1293.881	306488.25	2.5477	P	0.9
5	☐	2500.000	2689.378	613059.09	5.2935	P	13.8
6	☐	5000.000	5075.194	1197944.98	9.9877	P	2.2
7	☐	10000.000	9906.870	2371884.55	19.4944	A	0.5
8	☐			5274.36	0.0411	P	5.6

$$y = 0.0020 * x + 0.0019$$

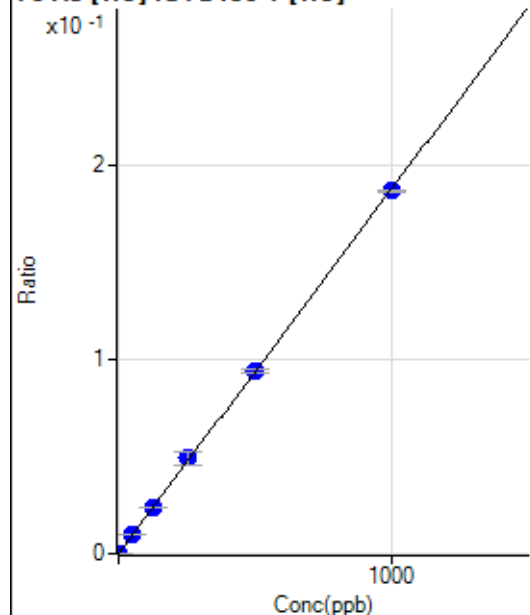
$$R = 0.9998$$

$$DL = 0.434$$

$$BEC = 0.9786$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.67	0.0000	P	34.0
2	☐	1.000	0.934	186.69	0.0002	P	11.5
3	☐	50.000	53.119	9594.56	0.0100	P	8.2
4	☐	125.000	125.808	23832.41	0.0236	P	2.1
5	☐	250.000	262.943	48123.57	0.0492	P	14.4
6	☐	500.000	502.088	95178.91	0.0940	P	2.4
7	☐	1000.000	995.463	189589.09	0.1864	P	0.5
8	☐			101.34	0.0001	P	3.5

$$y = 1.8719E-004 * x + 1.9091E-005$$

$$R = 0.9999$$

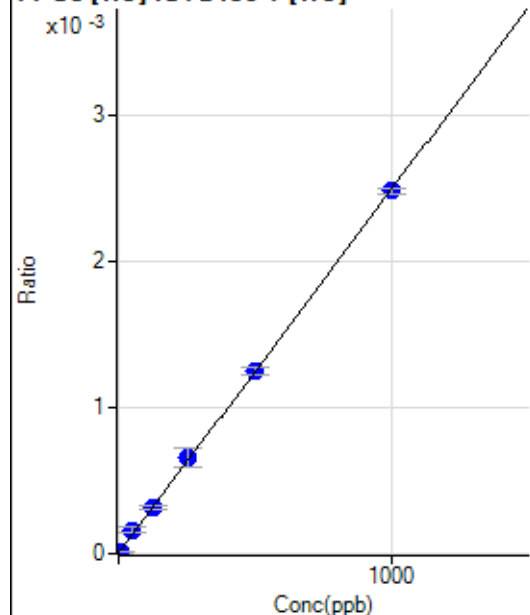
$$DL = 0.104$$

$$BEC = 0.102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	3.680	11.11	0.0000	P	44.1
3	☐	50.000	63.688	155.56	0.0002	P	24.5
4	☐	125.000	125.010	317.79	0.0003	P	7.3
5	☐	250.000	261.625	637.80	0.0007	P	19.7
6	☐	500.000	500.934	1268.96	0.0013	P	4.0
7	☐	1000.000	995.948	2530.26	0.0025	P	1.8
8	☐			5.56	0.0000	P	89.7

$$y = 2.4951\text{E-}006 * x + 2.2851\text{E-}006$$

$$R = 0.9998$$

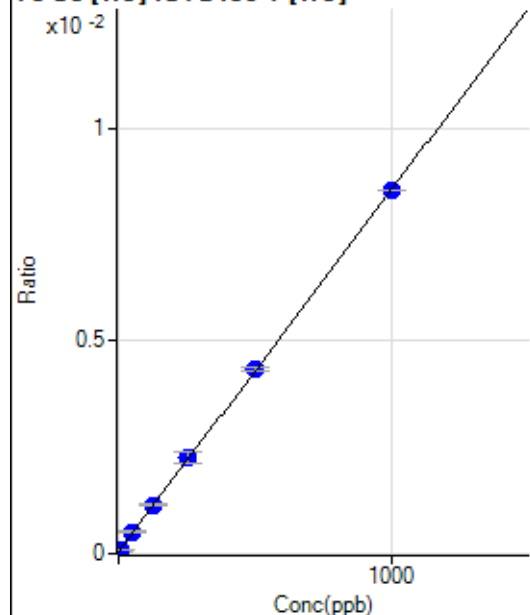
$$DL = 2.38$$

$$BEC = 0.9158$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.67	0.0001	P	32.3
2	☐	5.000	5.093	90.01	0.0001	P	5.1
3	☐	50.000	53.623	487.73	0.0005	P	9.1
4	☐	125.000	127.743	1149.83	0.0011	P	3.1
5	☐	250.000	257.998	2200.07	0.0022	P	11.7
6	☐	500.000	501.953	4375.46	0.0043	P	2.2
7	☐	1000.000	996.500	8677.55	0.0085	P	0.1
8	☐			53.68	0.0000	P	12.6

$$y = 8.5096\text{E-}006 * x + 5.0012\text{E-}005$$

$$R = 1.0000$$

$$DL = 5.701$$

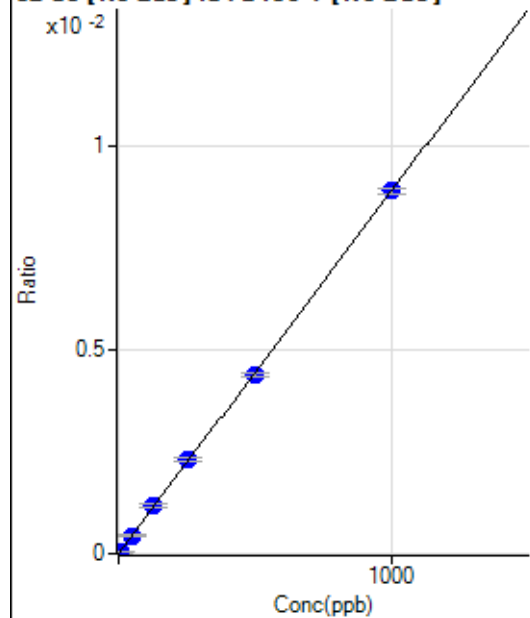
$$BEC = 5.877$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2082.31		P	7.2
2	☐			2088.98		P	9.1
3	☐			2042.28		P	8.2
4	☐			1992.19		P	4.5
5	☐			2008.89		P	2.1
6	☐			2149.06		P	10.7
7	☐			2098.99		P	11.1
8	☐			2332.62		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.64	0.0000	P	373.
2	☐	5.000	4.909	335.86	0.0000	P	9.9
3	☐	50.000	48.280	3303.57	0.0004	P	9.5
4	☐	125.000	133.549	8277.79	0.0012	P	9.3
5	☐	250.000	261.456	16768.95	0.0023	P	4.4
6	☐	500.000	491.887	33169.31	0.0044	P	2.0
7	☐	1000.000	1000.211	65693.84	0.0089	P	1.8
8	☐			43.25	0.0000	P	42.6

$$y = 8.8836E-006 * x + 2.5243E-006$$

$$R = 0.9998$$

$$DL = 3.181$$

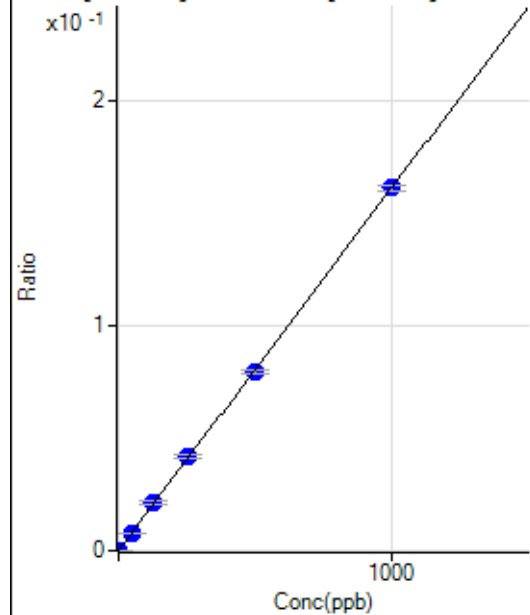
$$BEC = 0.2842$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			345.56		P	20.7
2	☐			341.12		P	10.0
3	☐			372.23		P	20.0
4	☐			416.68		P	11.2
5	☐			393.34		P	4.5
6	☐			420.01		P	9.4
7	☐			355.56		P	6.8
8	☐			352.23		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	547.25	0.0001	P	12.4
2	☐	1.000	0.924	1636.25	0.0002	P	5.9
3	☐	50.000	47.305	58980.38	0.0077	P	8.9
4	☐	125.000	133.069	149942.18	0.0215	P	8.1
5	☐	250.000	260.008	302667.90	0.0420	P	5.4
6	☐	500.000	492.153	602359.52	0.0794	P	2.2
7	☐	1000.000	1000.547	1192550.71	0.1613	P	1.8
8	☐			7585.58	0.0010	P	5.1

$$y = 1.6117E-004 * x + 7.5795E-005$$

$$R = 0.9999$$

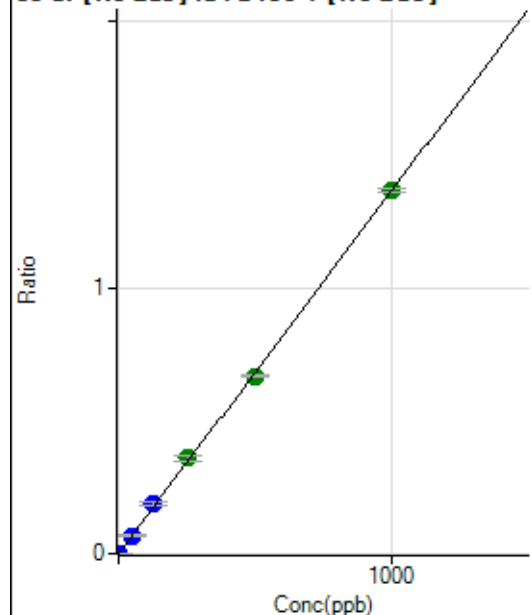
$$DL = 0.1753$$

$$BEC = 0.4703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	38.2
2	☐	1.000	0.894	8972.56	0.0012	P	4.8
3	☐	50.000	48.840	510508.22	0.0666	P	8.6
4	☐	125.000	136.779	1300119.29	0.1866	P	7.8
5	☐	250.000	263.374	2590653.33	0.3593	A	4.8
6	☐	500.000	490.178	5073663.27	0.6687	A	1.3
7	☐	1000.000	1000.153	10085378.61	1.3643	A	0.9
8	☐			59284.72	0.0078	P	1.1

$$y = 0.0014 * x + 1.2314E-005$$

$$R = 0.9998$$

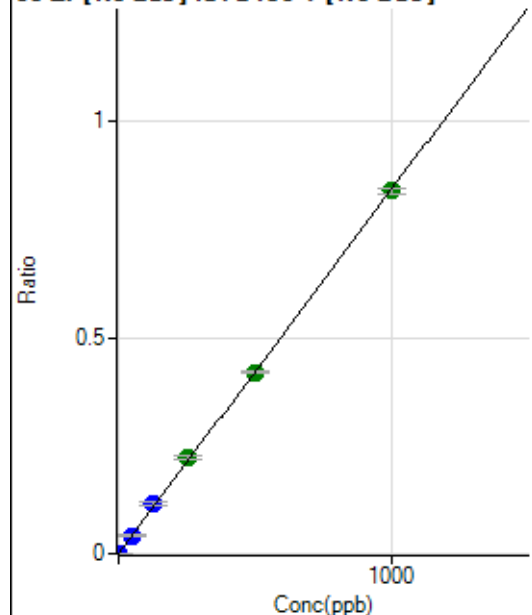
$$DL = 0.01034$$

$$BEC = 0.009027$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0000	P	9.6
2	☐	1.000	0.920	5876.42	0.0008	P	3.3
3	☐	50.000	48.564	314093.40	0.0410	P	8.2
4	☐	125.000	136.340	800971.94	0.1150	P	8.8
5	☐	250.000	264.120	1606462.12	0.2228	A	4.8
6	☐	500.000	498.476	3190001.80	0.4204	A	1.8
7	☐	1000.000	995.886	6208385.38	0.8399	A	1.7
8	☐			2311.36	0.0003	P	5.8

$$y = 8.4338E-004 * x + 3.0793E-005$$

$$R = 0.9998$$

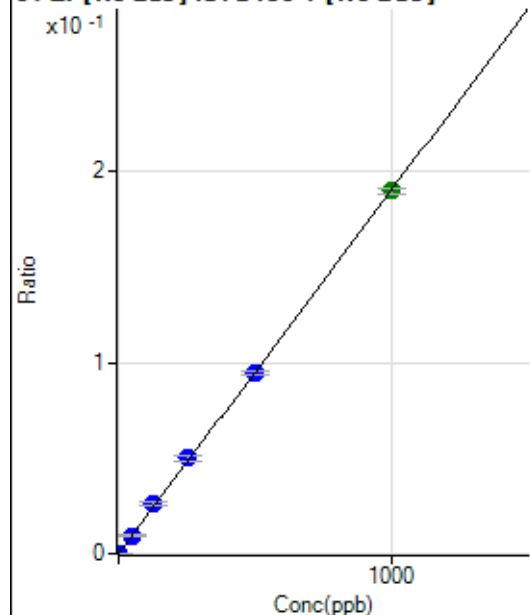
$$DL = 0.01047$$

$$BEC = 0.03651$$

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	50.00	0.0000	P	1.0
2	☐	1.000	0.920	1322.32	0.0002	P	21.4
3	☐	50.000	48.266	70366.67	0.0092	P	8.4
4	☐	125.000	134.949	178831.76	0.0257	P	7.7
5	☐	250.000	262.037	359044.68	0.0498	P	6.8
6	☐	500.000	495.584	714837.79	0.0942	P	2.4
7	☐	1000.000	998.042	1402671.31	0.1898	A	1.4
8	☐			519.47	0.0001	P	5.7

$$y = 1.9013E-004 * x + 6.9244E-006$$

$$R = 0.9999$$

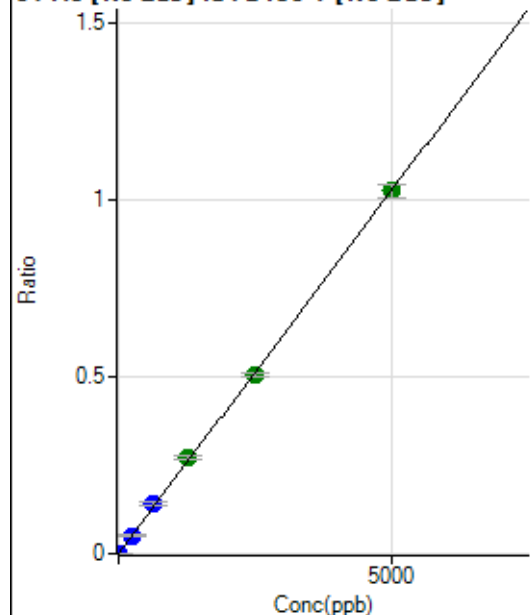
$$DL = 0.001038$$

$$BEC = 0.03642$$

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	161.12	0.0000	P	22.4
2	☐	5.000	4.462	6829.64	0.0009	P	5.1
3	☐	250.000	245.629	386332.38	0.0504	P	8.9
4	☐	625.000	687.005	982750.16	0.1410	P	7.6
5	☐	1250.000	1325.723	1961929.30	0.2721	A	5.4
6	☐	2500.000	2454.187	3821432.46	0.5037	A	2.4
7	☐	5000.000	4996.444	7577749.04	1.0255	A	3.4
8	☐			2719.79	0.0004	P	6.4

$$y = 2.0525E-004 * x + 2.2283E-005$$

$$R = 0.9997$$

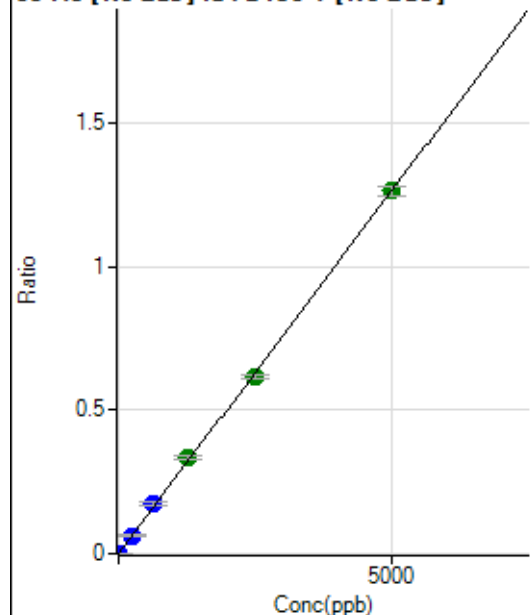
$$DL = 0.07302$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.2
2	☐	5.000	4.368	8080.34	0.0011	P	1.0
3	☐	250.000	242.805	469830.10	0.0614	P	9.4
4	☐	625.000	683.261	1202550.72	0.1726	P	8.4
5	☐	1250.000	1326.878	2417234.06	0.3353	A	5.1
6	☐	2500.000	2442.552	4681447.19	0.6172	A	2.6
7	☐	5000.000	5002.582	9341303.77	1.2640	A	2.6
8	☐			3144.89	0.0004	P	11.6

$$y = 2.5267\text{E-}004 * x + 5.7642\text{E-}006$$

$$R = 0.9997$$

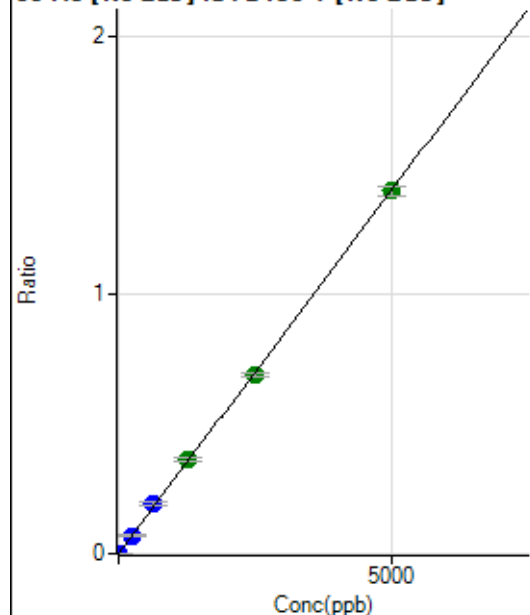
$$DL = 0.01312$$

$$BEC = 0.02281$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	34.2
2	☐	5.000	4.495	9272.82	0.0013	P	2.5
3	☐	250.000	241.417	519087.38	0.0678	P	8.6
4	☐	625.000	679.973	1329742.97	0.1908	P	7.6
5	☐	1250.000	1306.653	2644637.62	0.3667	A	4.1
6	☐	2500.000	2473.217	5264920.17	0.6940	A	2.1
7	☐	5000.000	4992.786	10353201.10	1.4010	A	2.9
8	☐			3995.14	0.0005	P	1.6

$$y = 2.8060\text{E-}004 * x + 1.1927\text{E-}005$$

$$R = 0.9998$$

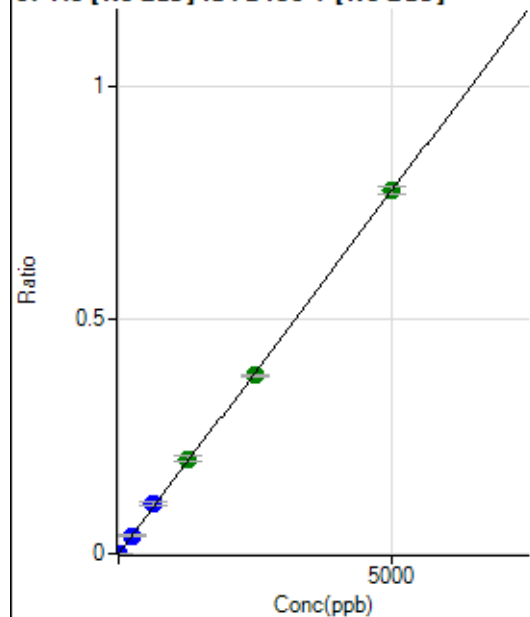
$$DL = 0.04362$$

$$BEC = 0.04251$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	1.0
2	☐	5.000	4.644	5267.78	0.0007	P	1.6
3	☐	250.000	244.717	290583.27	0.0379	P	8.6
4	☐	625.000	683.422	737361.57	0.1059	P	9.4
5	☐	1250.000	1311.187	1464727.77	0.2032	A	6.3
6	☐	2500.000	2452.509	2883494.79	0.3801	A	2.1
7	☐	5000.000	5001.410	5729019.01	0.7751	A	2.0
8	☐			1997.42	0.0003	P	4.4

$$y = 1.5498\text{E-}004 * x + 3.4622\text{E-}006$$

$$R = 0.9998$$

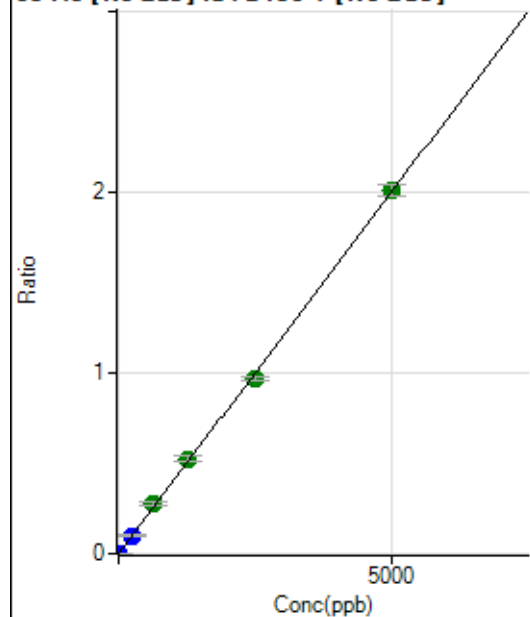
$$DL = 0.0006369$$

$$BEC = 0.02234$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.2
2	☐	5.000	4.514	13198.34	0.0018	P	3.1
3	☐	250.000	245.078	751364.16	0.0981	P	9.6
4	☐	625.000	683.741	1905957.66	0.2738	A	9.3
5	☐	1250.000	1314.607	3794271.78	0.5264	A	5.7
6	☐	2500.000	2419.615	7350315.79	0.9688	A	1.6
7	☐	5000.000	5016.944	14843924.98	2.0087	A	3.2
8	☐			4737.05	0.0006	P	9.5

$$y = 4.0039\text{E-}004 * x + 4.6166\text{E-}006$$

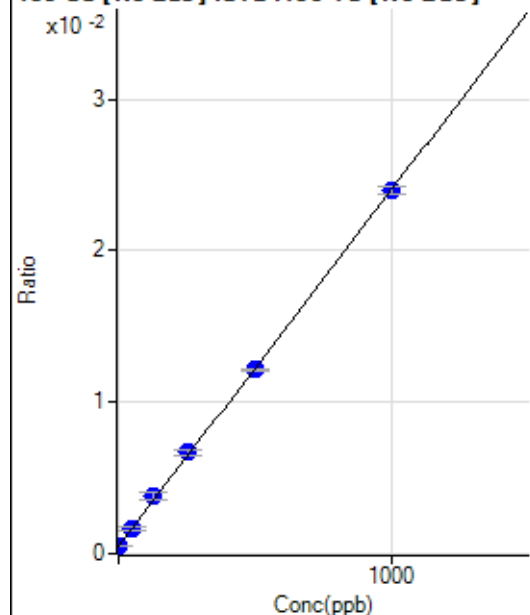
$$R = 0.9997$$

$$DL = 0.008717$$

$$BEC = 0.01153$$

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	1883.51	0.0005	P	11.9
2	☐	1.000	-0.569	1880.73	0.0005	P	5.3
3	☐	50.000	48.704	6721.30	0.0016	P	8.3
4	☐	125.000	140.509	13837.82	0.0038	P	10.2
5	☐	250.000	263.867	25688.29	0.0067	P	5.4
6	☐	500.000	495.458	48667.01	0.0122	P	1.1
7	☐	1000.000	996.932	94634.34	0.0239	P	2.1
8	☐			2005.75	0.0005	P	11.4

$$y = 2.3517E-005 * x + 5.0108E-004$$

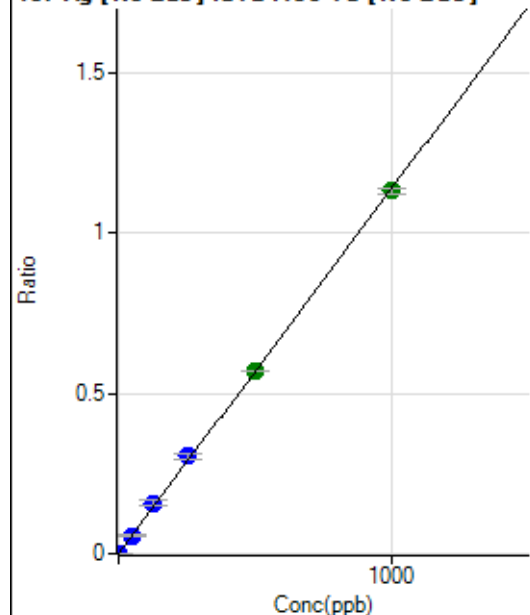
R = 0.9998

DL = 7.591

BEC = 21.31

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	36.11	0.0000	P	47.5
2	☐	1.000	0.934	4128.54	0.0011	P	5.5
3	☐	50.000	48.903	226891.64	0.0556	P	8.5
4	☐	125.000	139.000	574762.06	0.1580	P	9.3
5	☐	250.000	266.453	1159809.40	0.3028	P	5.7
6	☐	500.000	499.921	2275221.04	0.5682	A	0.5
7	☐	1000.000	994.231	4465939.94	1.1299	A	1.4
8	☐			2491.97	0.0006	P	4.9

$$y = 0.0011 * x + 9.5754E-006$$

R = 0.9998

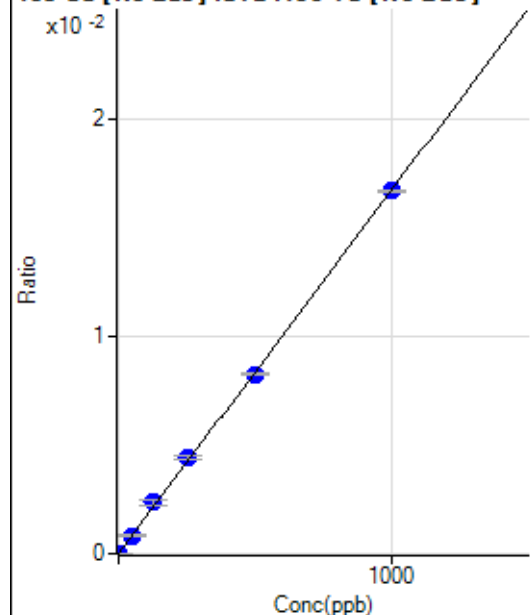
DL = 0.01201

BEC = 0.008426

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	74.9
2	☐	1.000	0.988	80.56	0.0000	P	12.3
3	☐	50.000	48.538	3325.44	0.0008	P	10.6
4	☐	125.000	140.065	8505.48	0.0023	P	11.9
5	☐	250.000	262.938	16828.43	0.0044	P	4.6
6	☐	500.000	493.506	32993.63	0.0082	P	1.0
7	☐	1000.000	998.202	65854.71	0.0167	P	0.8
8	☐			65.28	0.0000	P	18.7

$$y = 1.6686E-005 * x + 4.4167E-006$$

$$R = 0.9998$$

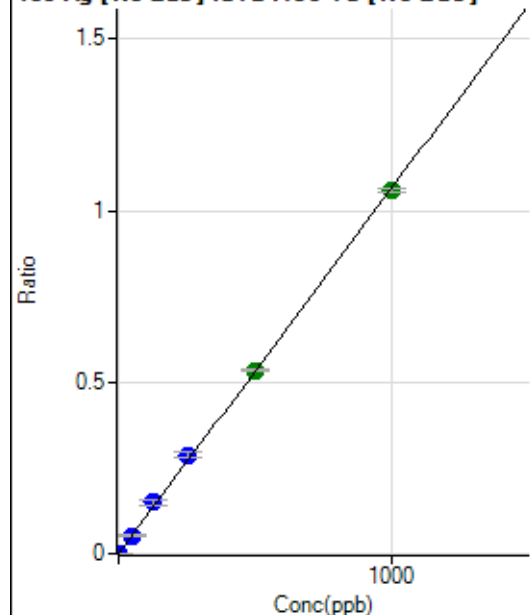
$$DL = 0.5944$$

$$BEC = 0.2647$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	76.4
2	☐	1.000	0.925	3825.63	0.0010	P	5.2
3	☐	50.000	49.212	214066.74	0.0524	P	7.9
4	☐	125.000	139.959	542304.65	0.1491	P	9.6
5	☐	250.000	268.812	1096632.03	0.2863	P	5.8
6	☐	500.000	500.880	2136502.52	0.5335	A	0.8
7	☐	1000.000	993.027	4180892.89	1.0577	A	1.2
8	☐			2344.71	0.0006	P	3.6

$$y = 0.0011 * x + 7.4188E-006$$

$$R = 0.9997$$

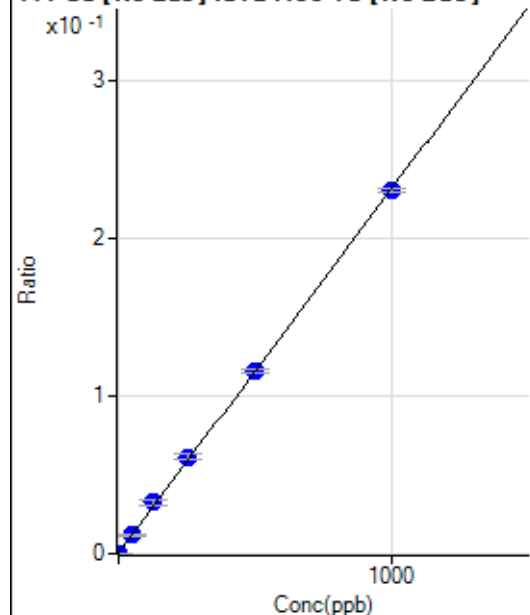
$$DL = 0.01597$$

$$BEC = 0.006965$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1317.90	0.0004	P	11.8
2	☐	1.000	0.919	2171.28	0.0006	P	7.1
3	☐	50.000	48.989	47641.53	0.0117	P	8.6
4	☐	125.000	138.465	117779.09	0.0324	P	8.3
5	☐	250.000	264.346	235314.75	0.0614	P	5.8
6	☐	500.000	500.656	464758.93	0.1161	P	1.8
7	☐	1000.000	994.453	909768.26	0.2302	P	1.2
8	☐			1763.89	0.0004	P	6.8

$$y = 2.3111E-004 * x + 3.5062E-004$$

R = 0.9998

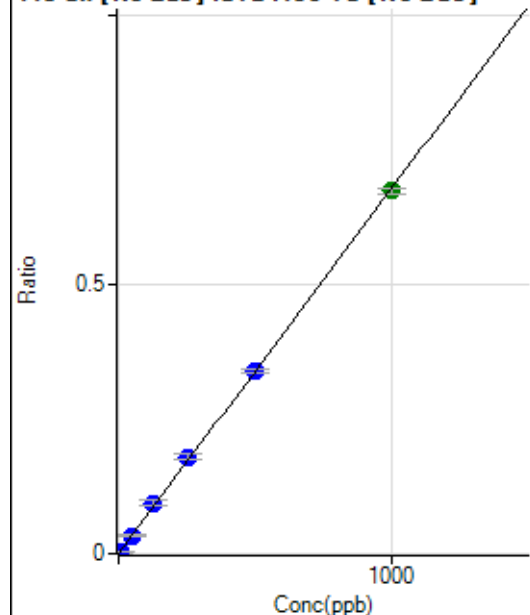
DL = 0.5384

BEC = 1.517

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	941.72	0.0003	P	5.9
2	☐	5.000	4.302	12191.86	0.0032	P	2.3
3	☐	50.000	48.166	134024.40	0.0329	P	9.4
4	☐	125.000	138.844	342772.47	0.0942	P	9.5
5	☐	250.000	264.361	686176.49	0.1792	P	6.0
6	☐	500.000	501.732	1360873.65	0.3398	P	2.4
7	☐	1000.000	993.908	2659676.04	0.6730	A	1.7
8	☐			1914.08	0.0005	P	11.1

$$y = 6.7683E-004 * x + 2.5033E-004$$

R = 0.9998

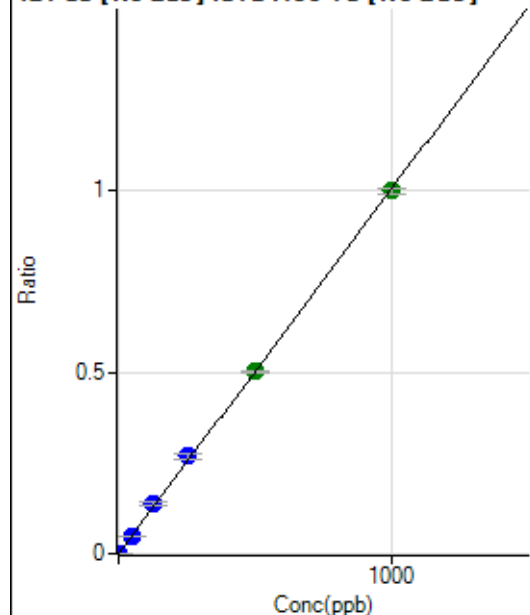
DL = 0.06535

BEC = 0.3699

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	23.9
2	☐	2.000	1.800	6982.49	0.0018	P	4.2
3	☐	50.000	48.113	197157.15	0.0483	P	8.0
4	☐	125.000	137.967	503678.41	0.1385	P	9.5
5	☐	250.000	266.670	1024747.77	0.2676	P	6.3
6	☐	500.000	499.122	2005765.13	0.5009	A	1.7
7	☐	1000.000	994.745	3945771.14	0.9982	A	1.3
8	☐			2930.97	0.0007	P	8.4

$$y = 0.0010 * x + 5.1652E-006$$

$$R = 0.9998$$

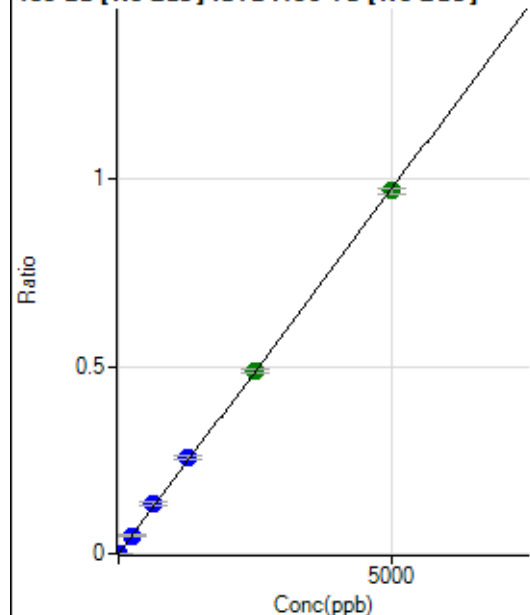
$$DL = 0.003685$$

$$BEC = 0.005147$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.0
2	☐	10.000	9.050	6821.37	0.0018	P	5.6
3	☐	250.000	242.756	193118.15	0.0473	P	9.4
4	☐	625.000	687.704	487800.59	0.1341	P	9.4
5	☐	1250.000	1323.227	988446.57	0.2580	P	4.8
6	☐	2500.000	2500.429	1952175.74	0.4875	A	2.3
7	☐	5000.000	4974.005	3832933.38	0.9698	A	1.4
8	☐			7621.78	0.0019	P	3.3

$$y = 1.9497E-004 * x + 4.4371E-006$$

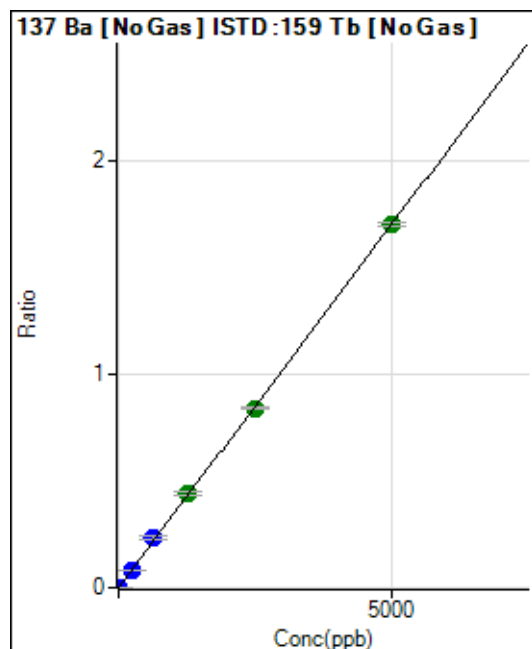
$$R = 0.9998$$

$$DL = 0.03412$$

$$BEC = 0.02276$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.5
2	☐	10.000	8.961	11777.64	0.0031	P	2.7
3	☐	250.000	240.827	334621.57	0.0820	P	8.1
4	☐	625.000	683.947	846817.52	0.2328	P	9.3
5	☐	1250.000	1295.058	1687994.96	0.4407	A	5.6
6	☐	2500.000	2470.345	3366377.12	0.8407	A	1.1
7	☐	5000.000	4996.656	6720754.53	1.7004	A	1.0
8	☐			12609.04	0.0031	P	5.7

$$y = 3.4030E-004 * x + 5.1697E-006$$

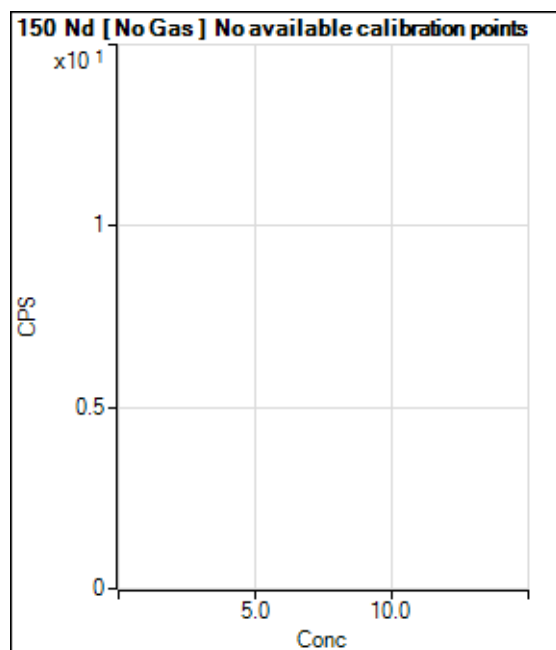
$$R = 0.9999$$

$$DL = 0.01115$$

$$BEC = 0.01519$$

Weight: <None>

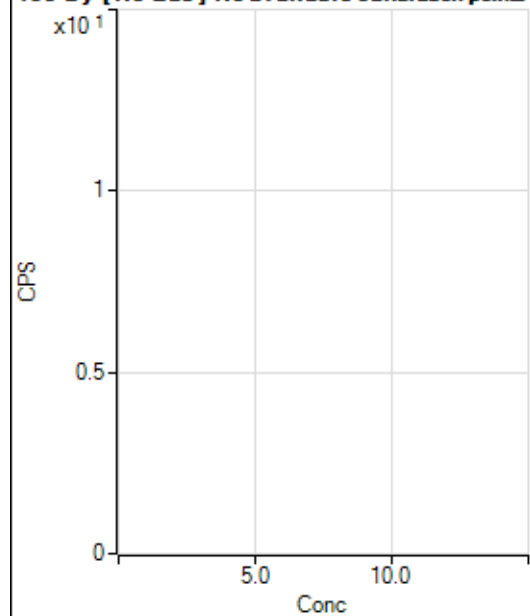
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	86.6
2	☐			13.33		P	50.0
3	☐			20.00		P	57.7
4	☐			28.89		P	58.1
5	☐			42.22		P	32.9
6	☐			84.45		P	16.4
7	☐			117.78		P	26.1
8	☐			24.44		P	31.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			2.22		P	173.
4	☐			1.11		P	173.
5	☐			4.44		P	43.4
6	☐			4.44		P	43.4
7	☐			27.78		P	18.3
8	☐			5.56		P	34.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			8.33		P	100.
3	☐			22.22		P	21.6
4	☐			5.55		P	86.6
5	☐			13.89		P	91.6
6	☐			25.00		P	100.
7	☐			100.00		P	8.3
8	☐			213.90		P	11.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			1.11		P	173.
4	☐			8.89		P	43.3
5	☐			7.78		P	49.5
6	☐			17.78		P	78.1
7	☐			31.11		P	22.3
8	☐			115.56		P	7.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐			19.44		P	49.5
3	☐			30.56		P	56.8
4	☐			33.34		P	43.3
5	☐			50.00		P	60.1
6	☐			83.34		P	45.8
7	☐			116.67		P	25.8
8	☐			258.35		P	31.1

160 Gd [He] No available calibration points

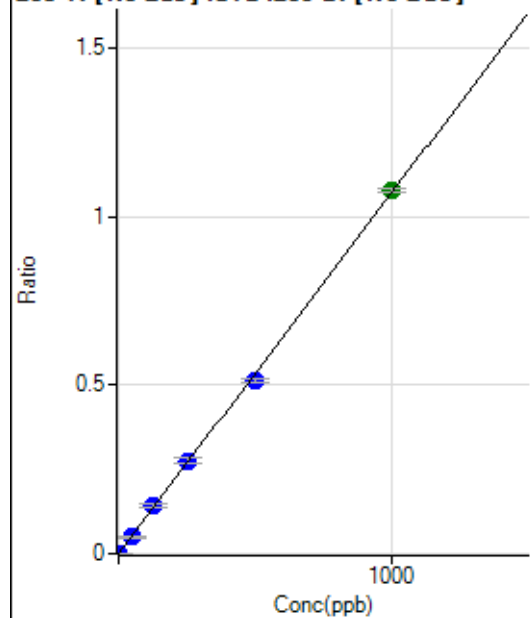
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	68.9
2	☐			14.45		P	48.0
3	☐			15.56		P	61.9
4	☐			24.44		P	63.0
5	☐			28.89		P	24.0
6	☐			25.56		P	39.8
7	☐			45.56		P	41.6
8	☐			131.11		P	16.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			13.89		P	69.3
3	☐			25.00		P	57.7
4	☐			2.78		P	173.
5	☐			41.67		P	34.7
6	☐			19.45		P	107.
7	☐			47.23		P	56.7
8	☐			47.23		P	71.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			11.11		P	17.3
3	☐			8.89		P	21.6
4	☐			5.56		P	34.7
5	☐			15.56		P	12.4
6	☐			12.22		P	56.8
7	☐			17.78		P	28.6
8	☐			34.44		P	24.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.1
2	☐	1.000	0.948	2075.23	0.0010	P	11.4
3	☐	50.000	46.346	105191.53	0.0495	P	6.9
4	☐	125.000	132.356	268661.08	0.1414	P	7.8
5	☐	250.000	258.092	547516.10	0.2757	P	4.8
6	☐	500.000	481.555	1082543.93	0.5144	P	2.0
7	☐	1000.000	1006.463	2152864.11	1.0751	A	1.1
8	☐			1547.36	0.0008	P	8.2

$$y = 0.0011 * x + 1.6634E-005$$

$$R = 0.9997$$

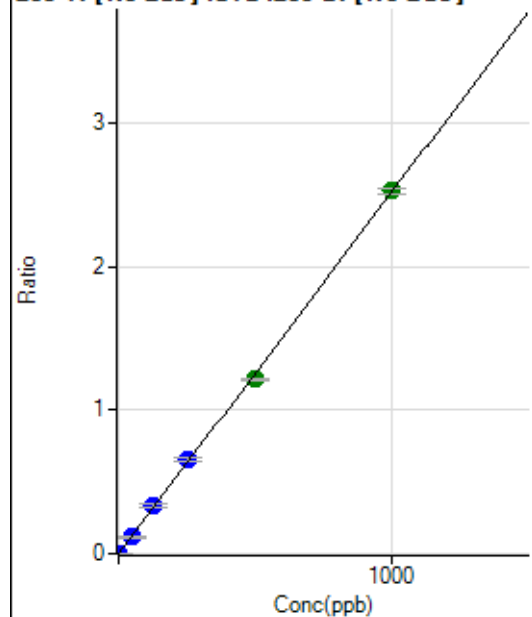
$$DL = 0.01172$$

$$BEC = 0.01557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.8
2	☐	1.000	0.859	4406.43	0.0022	P	2.3
3	☐	50.000	47.023	251249.42	0.1184	P	8.7
4	☐	125.000	134.135	641465.79	0.3377	P	8.4
5	☐	250.000	259.670	1298300.24	0.6537	P	4.8
6	☐	500.000	483.641	2562920.52	1.2176	A	0.7
7	☐	1000.000	1004.769	5065176.68	2.5295	A	1.7
8	☐			3458.90	0.0017	P	8.9

$$y = 0.0025 * x + 2.3554E-005$$

$$R = 0.9997$$

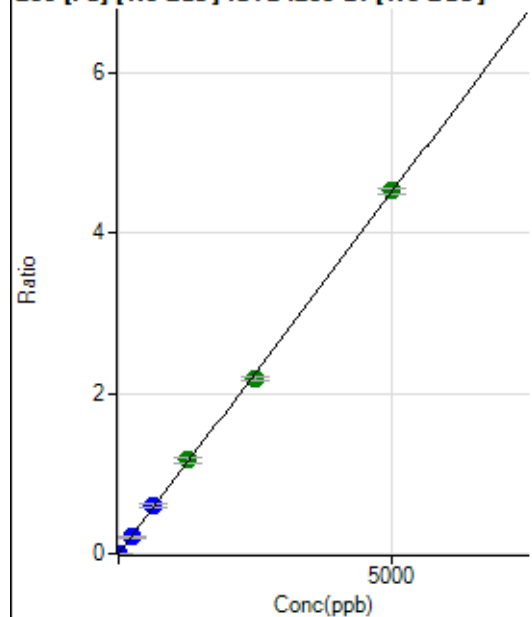
$$DL = 0.00752$$

$$BEC = 0.009356$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0001	P	16.2
2	☐	1.000	0.787	1653.84	0.0008	P	10.1
3	☐	250.000	232.282	444218.95	0.2093	P	8.6
4	☐	625.000	661.217	1131729.21	0.5957	P	8.0
5	☐	1250.000	1292.288	2311502.31	1.1641	A	5.4
6	☐	2500.000	2432.595	4611445.42	2.1912	A	2.1
7	☐	5000.000	5019.489	9053373.58	4.5213	A	1.9
8	☐			4013.66	0.0020	P	1.9

$$y = 9.0074E-004 * x + 1.1086E-004$$

$$R = 0.9998$$

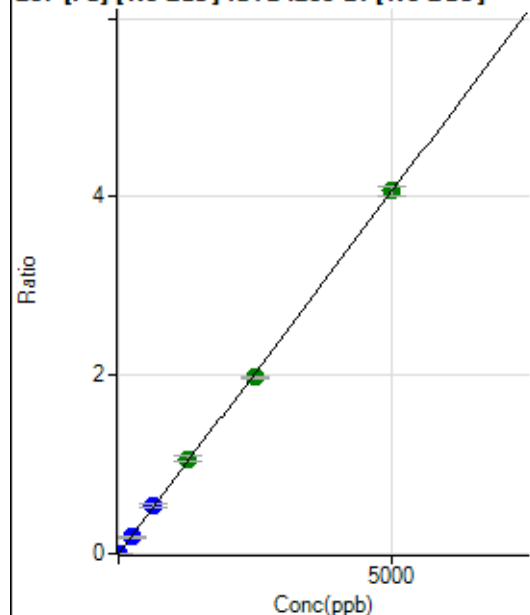
$$DL = 0.05993$$

$$BEC = 0.1231$$

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	172.22	0.0001	P	11.5
2	☐	1.000	0.834	1537.16	0.0008	P	6.9
3	☐	250.000	231.915	399361.44	0.1882	P	8.7
4	☐	625.000	660.429	1017712.78	0.5358	P	8.5
5	☐	1250.000	1308.629	2107630.04	1.0616	A	5.8
6	☐	2500.000	2440.200	4166438.93	1.9795	A	0.9
7	☐	5000.000	5011.718	8139669.51	4.0654	A	2.3
8	☐			3493.12	0.0017	P	1.2

$$y = 8.1115E-004 * x + 8.5918E-005$$

$$R = 0.9998$$

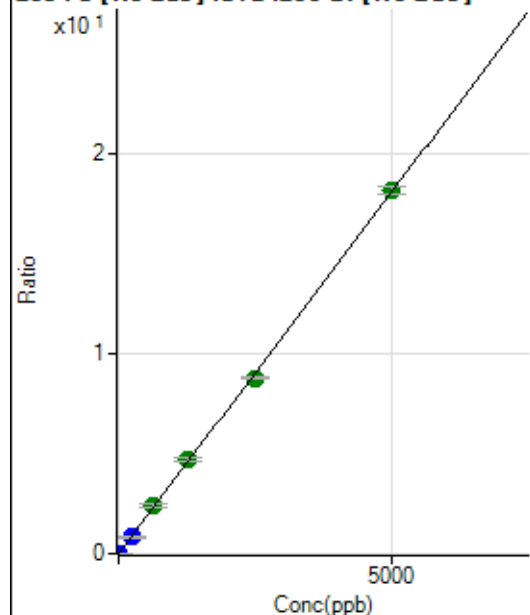
$$DL = 0.03639$$

$$BEC = 0.1059$$

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	815.52	0.0004	P	8.3
2	☐	1.000	0.790	6574.20	0.0033	P	3.8
3	☐	250.000	231.984	1778546.89	0.8383	P	9.0
4	☐	625.000	668.137	4584772.83	2.4137	A	8.4
5	☐	1250.000	1303.831	9351967.78	4.7097	A	5.3
6	☐	2500.000	2428.067	18460027.40	8.7703	A	0.9
7	☐	5000.000	5018.017	36291812.47	18.1250	A	2.0
8	☐			15609.88	0.0078	P	0.4

$$y = 0.0036 * x + 4.0690E-004$$

$$R = 0.9997$$

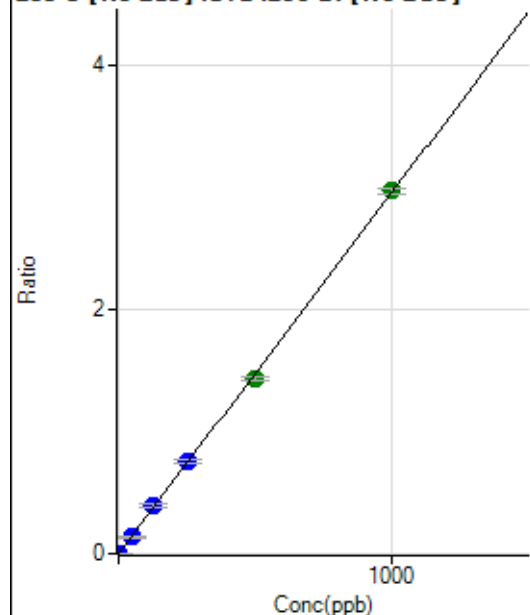
$$DL = 0.02811$$

$$BEC = 0.1127$$

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	25.00	0.0000	P	33.4
2	☐	1.000	0.876	5240.12	0.0026	P	1.7
3	☐	50.000	46.247	289777.07	0.1367	P	10.1
4	☐	125.000	131.294	737327.19	0.3880	P	7.5
5	☐	250.000	255.750	1500840.47	0.7558	P	5.0
6	☐	500.000	485.441	3019519.12	1.4345	A	1.4
7	☐	1000.000	1005.243	5948187.81	2.9705	A	1.6
8	☐			1044.52	0.0005	P	13.6

$$y = 0.0030 * x + 1.2476E-005$$

$$R = 0.9998$$

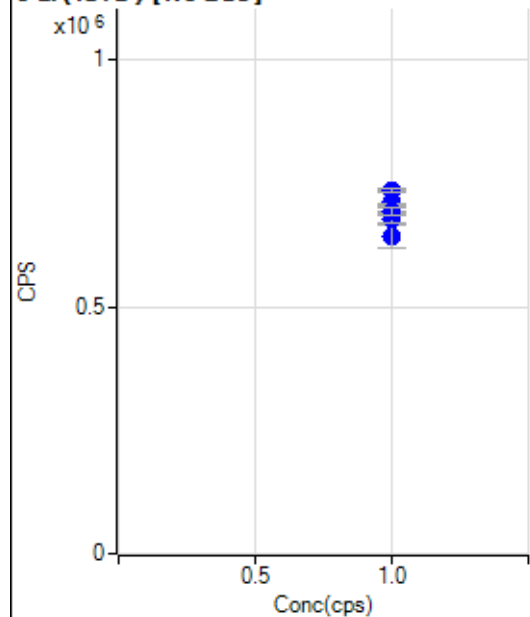
$$DL = 0.004233$$

$$BEC = 0.004222$$

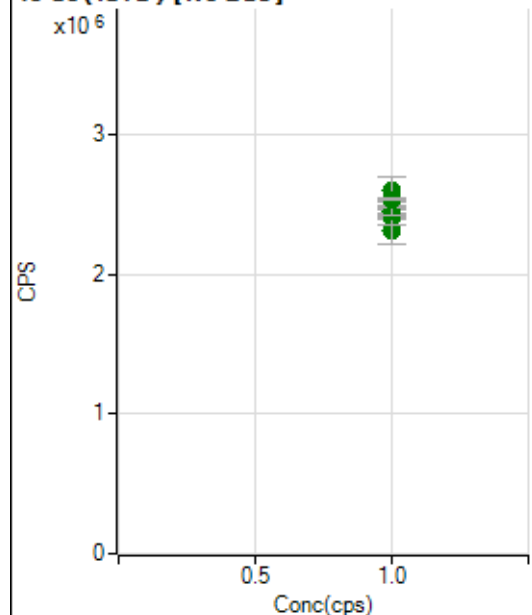
Weight: <None>

Min Conc: 0

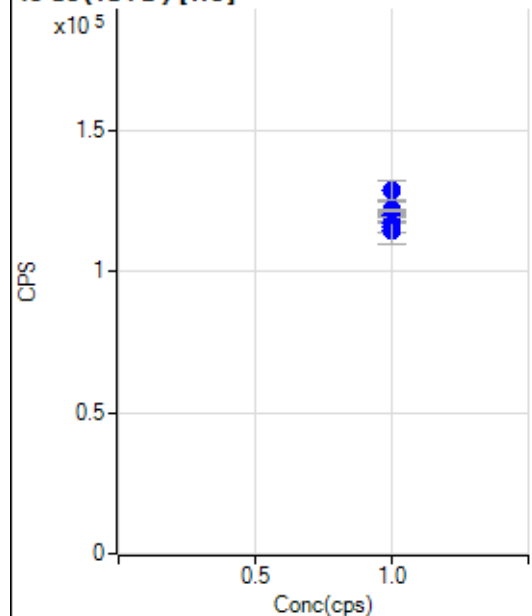
6 Li (ISTD) [No Gas]



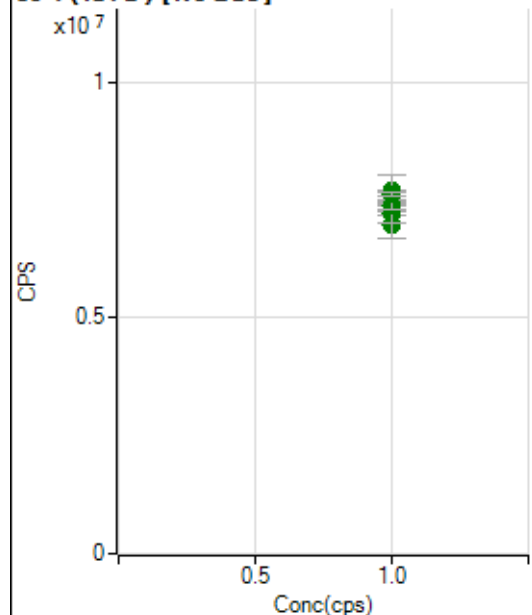
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		688396.48		P	0.6
2	☐	1.000		687487.84		P	0.4
3	☐	1.000		714092.44		P	6.2
4	☐	1.000		644230.78		P	7.3
5	☐	1.000		679570.90		P	3.3
6	☐	1.000		708047.73		P	0.5
7	☐	1.000		693856.10		P	2.0
8	☐	1.000		735196.62		P	1.0

45 Sc (ISTD) [No Gas]

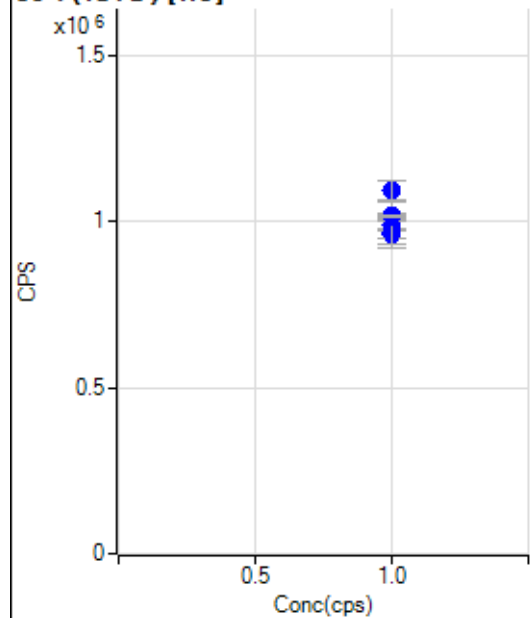
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2404388.19		A	0.9
2	☐	1.000		2450482.12		A	1.2
3	☐	1.000		2599294.16		A	7.7
4	☐	1.000		2318405.07		A	8.2
5	☐	1.000		2424792.55		A	5.3
6	☐	1.000		2534304.69		A	1.1
7	☐	1.000		2451602.53		A	2.7
8	☐	1.000		2540308.57		A	0.5

45 Sc (ISTD) [He]

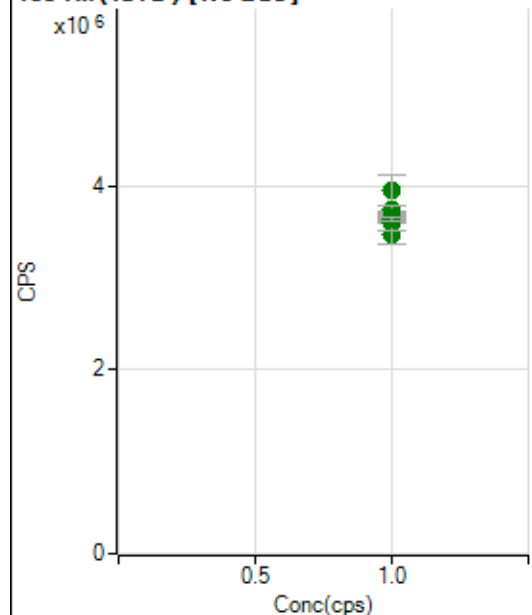
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		119006.79		P	1.5
2	☐	1.000		115470.18		P	3.4
3	☐	1.000		114765.02		P	8.6
4	☐	1.000		120301.79		P	0.5
5	☐	1.000		117159.51		P	12.6
6	☐	1.000		119969.86		P	1.6
7	☐	1.000		121673.11		P	0.7
8	☐	1.000		128515.78		P	5.2

89 Y (ISTD) [No Gas]

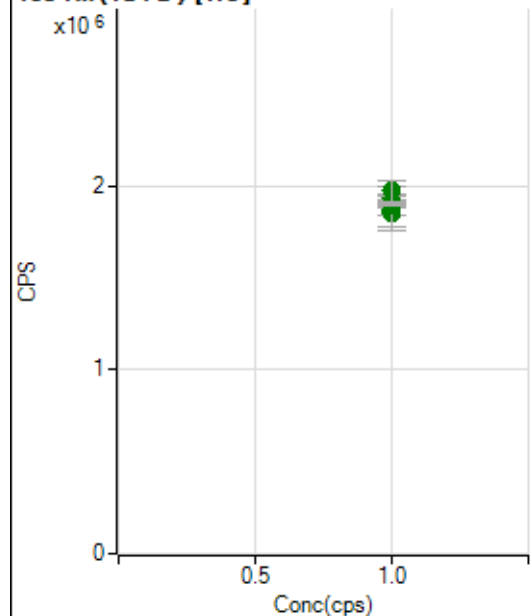
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7221276.28		A	1.0
2	☐	1.000		7283390.66		A	1.1
3	☐	1.000		7698803.29		A	8.5
4	☐	1.000		6997902.05		A	8.3
5	☐	1.000		7222701.35		A	5.2
6	☐	1.000		7589324.89		A	2.9
7	☐	1.000		7393516.00		A	2.6
8	☐	1.000		7627544.06		A	0.8

89 Y (ISTD) [He]

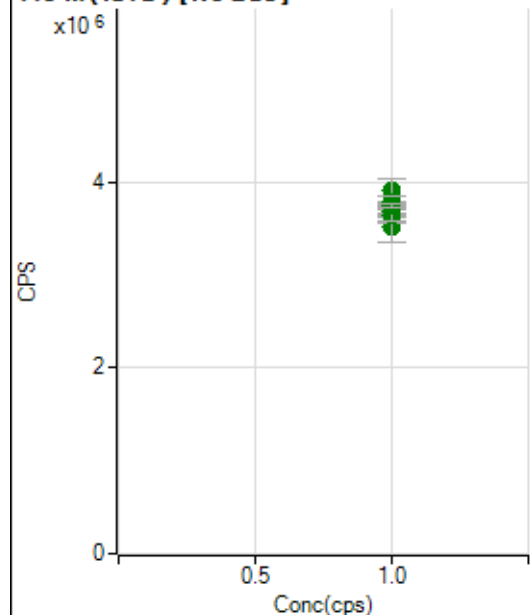
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		975477.62		P	1.1
2	☐	1.000		963279.02		P	2.8
3	☐	1.000		967092.14		P	7.8
4	☐	1.000		1011219.22		P	0.5
5	☐	1.000		990460.13		P	13.9
6	☐	1.000		1012822.96		P	2.2
7	☐	1.000		1017322.28		P	0.5
8	☐	1.000		1091825.66		P	5.4

103 Rh (ISTD) [No Gas]

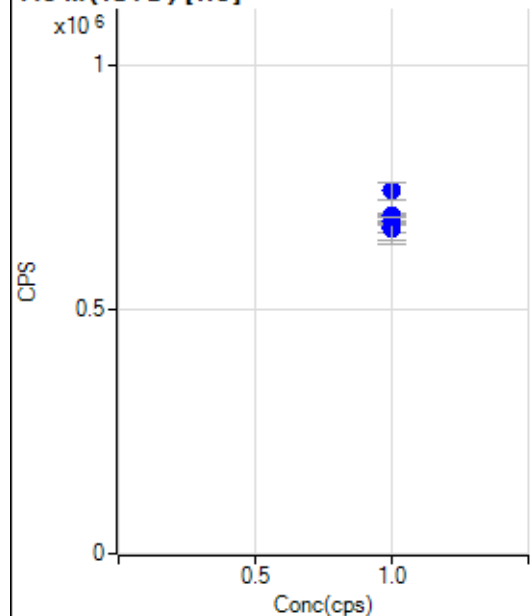
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3636781.12		A	0.2
2	☐	1.000		3711819.35		A	0.3
3	☐	1.000		3947314.59		A	8.3
4	☐	1.000		3482905.81		A	6.7
5	☐	1.000		3592210.33		A	4.7
6	☐	1.000		3752498.87		A	2.2
7	☐	1.000		3665156.20		A	1.1
8	☐	1.000		3633748.56		A	1.3

103 Rh (ISTD) [He]

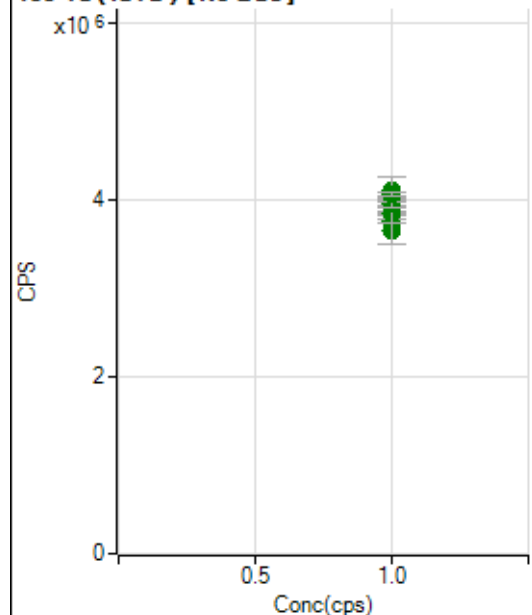
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1904172.09		A	1.1
2	☐	1.000		1861866.43		A	2.6
3	☐	1.000		1852842.61		A	8.1
4	☐	1.000		1941506.99		A	1.4
5	☐	1.000		1875342.25		A	12.6
6	☐	1.000		1933628.77		A	1.4
7	☐	1.000		1898353.93		A	0.7
8	☐	1.000		1974344.33		A	5.6

115 In (ISTD) [No Gas]

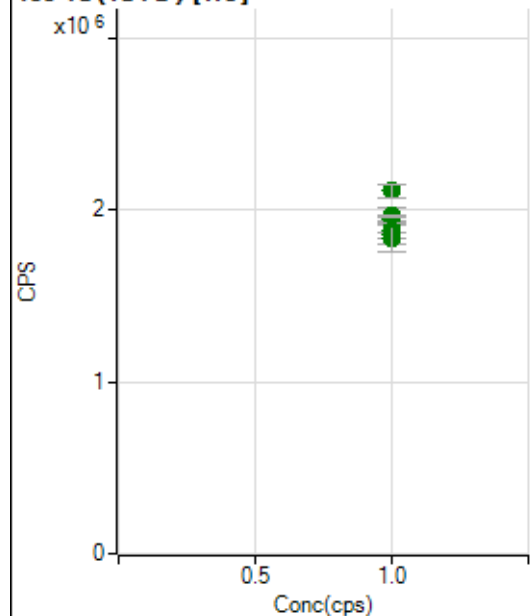
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3622069.47		A	0.3
2	☐	1.000		3680853.71		A	1.9
3	☐	1.000		3908327.71		A	6.2
4	☐	1.000		3516139.35		A	8.7
5	☐	1.000		3654773.76		A	4.9
6	☐	1.000		3788478.72		A	3.2
7	☐	1.000		3645780.90		A	3.0
8	☐	1.000		3751290.46		A	1.4

115 In (ISTD) [He]

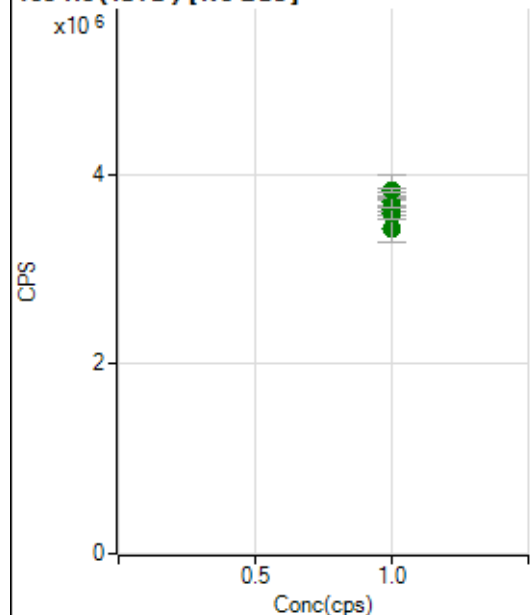
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		675258.48		P	0.5
2	☐	1.000		668809.71		P	3.3
3	☐	1.000		665483.98		P	7.5
4	☐	1.000		691273.57		P	1.3
5	☐	1.000		679607.19		P	13.3
6	☐	1.000		694044.52		P	1.1
7	☐	1.000		688442.52		P	0.2
8	☐	1.000		742391.94		P	5.1

159 Tb (ISTD) [No Gas]

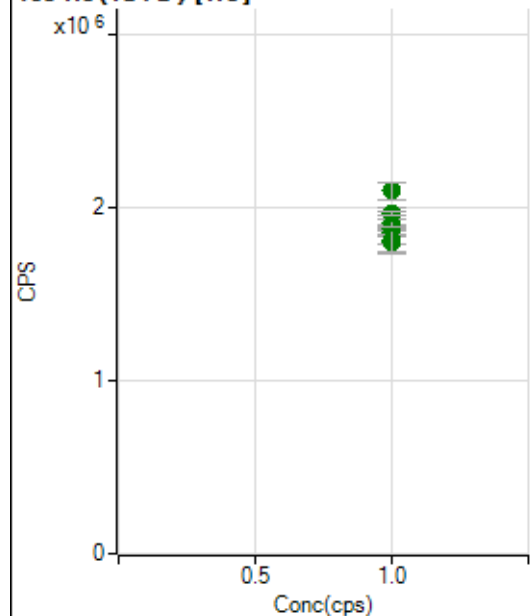
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3760321.09		A	1.1
2	☐	1.000		3855907.16		A	0.5
3	☐	1.000		4100972.89		A	8.2
4	☐	1.000		3659321.34		A	9.3
5	☐	1.000		3837457.69		A	5.2
6	☐	1.000		4004581.05		A	0.5
7	☐	1.000		3952890.11		A	1.6
8	☐	1.000		4061911.88		A	0.9

159 Tb (ISTD) [He]

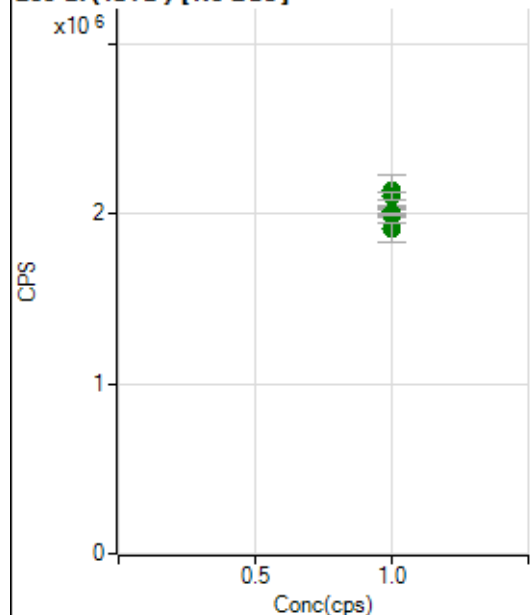
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1852416.69		A	1.9
2	☐	1.000		1833758.27		A	3.4
3	☐	1.000		1832834.38		A	8.3
4	☐	1.000		1931660.58		A	0.3
5	☐	1.000		1884613.58		A	13.7
6	☐	1.000		1945202.91		A	2.2
7	☐	1.000		1963488.86		A	0.5
8	☐	1.000		2110380.99		A	4.1

165 Ho (ISTD) [No Gas]

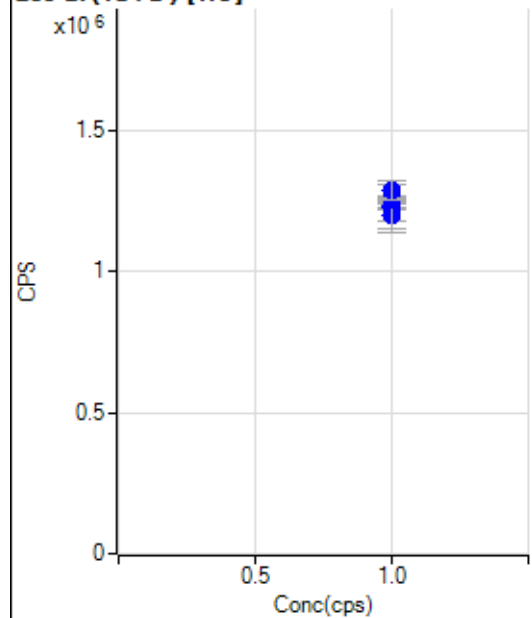
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3562573.82		A	2.2
2	☐	1.000		3627145.96		A	0.9
3	☐	1.000		3822694.31		A	9.1
4	☐	1.000		3426279.87		A	8.2
5	☐	1.000		3595752.90		A	4.3
6	☐	1.000		3752176.65		A	1.3
7	☐	1.000		3699219.18		A	2.4
8	☐	1.000		3821784.07		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1852573.78		A	1.5
2	☐	1.000		1817636.95		A	2.9
3	☐	1.000		1803996.00		A	8.1
4	☐	1.000		1889138.25		A	1.0
5	☐	1.000		1877149.78		A	13.6
6	☐	1.000		1916100.93		A	2.5
7	☐	1.000		1968397.49		A	0.7
8	☐	1.000		2097423.69		A	4.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2004216.86		A	0.2
2	☐	1.000		2015778.55		A	1.0
3	☐	1.000		2132580.33		A	8.6
4	☐	1.000		1907769.83		A	7.8
5	☐	1.000		1988820.19		A	4.5
6	☐	1.000		2105067.80		A	2.0
7	☐	1.000		2002859.60		A	2.1
8	☐	1.000		1997713.11		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1220522.08		P	0.3
2	☐	1.000		1199296.78		P	3.3
3	☐	1.000		1198573.63		P	7.6
4	☐	1.000		1237077.19		P	1.1
5	☐	1.000		1224547.65		P	13.6
6	☐	1.000		1258106.47		P	1.7
7	☐	1.000		1257860.01		P	0.5
8	☐	1.000		1286562.36		P	5.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081820AA.b
Acq. Date-Time 2020-08-18 13:49:30
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2193	21933.42			1.880	5.000
24		125984	1259844.71			1.929	5.000
25		15993	159931.72			2.075	5.000
26		18762	187624.60			1.862	5.000
59		17705	177052.40			1.988	5.000
113		2607	26074.57			1.701	5.000
115		7686	76855.56			1.929	5.000
206		2512	25117.58			1.529	5.000
207		2067	20669.58			2.080	5.000
208		5187	51873.15			1.169	5.000
220		1	8.80			18.235	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

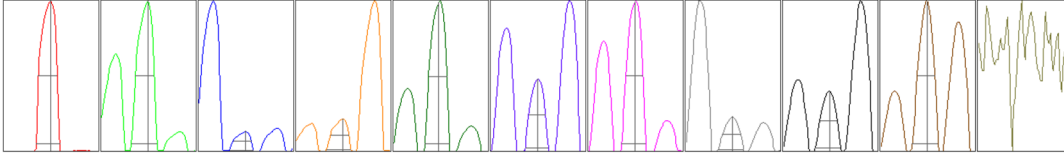
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2218	2151	2228	2224	2146
24	126822	124178	129237	126643	123042
25	16246	15844	16308	16073	15495
26	18982	18563	19057	18969	18242
59	17990	17407	17943	17943	17244
113	2633	2565	2653	2632	2555
115	7727	7556	7835	7806	7504
206	2518	2481	2541	2554	2464
207	2093	2012	2106	2094	2029
208	5196	5120	5226	5262	5133

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3921.89	9.00	8.90 - 9.10	
24	224871.42	24.00	23.90 - 24.10	
25	29057.56	25.00	24.90 - 25.10	
26	33648.23	26.00	25.90 - 26.10	
59	31902.87	58.95	58.90 - 59.10	
113	5186.31	113.00	112.90 - 113.10	
115	14780.26	115.00	114.90 - 115.10	
206	4678.69	206.00	205.90 - 206.10	
207	3871.14	207.00	206.90 - 207.10	
208	9714.01	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.736	0.900	
24	0.60	0.813	0.900	
25	0.59	0.740	0.900	
26	0.59	0.761	0.900	
59	0.57	0.778	0.900	
113	0.52	0.729	0.900	
115	0.53	0.766	0.900	
206	0.56	0.797	0.900	
207	0.55	0.812	0.900	
208	0.56	0.820	0.900	
220	0.62			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.50 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	13.6 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.1 mm
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EM

Discriminator	4.0 mV	Analog HV	2184 V	Pulse HV	1276 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4640	46403.98			1.036	
89		9432	94316.83			0.554	
205		7166	71658.68			1.372	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4669	4652	4698	4587	4595
89	9486	9455	9426	9346	9445
205	7276	7267	7065	7105	7116

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.50 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.1 mm		
EM					
Discriminator	4.0 mV	Analog HV	2184 V	Pulse HV	1276 V

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 14:45:11 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	1.40	-0.62	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.03	-0.04	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.07	0.05	0.02	0.00	N/A	ppb
Boron	10-1	0.01	0.20	-0.21	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	2.28	0.44	-2.72	0.00	N/A	ppb
Cadmium	108-1	0.20	-0.20	0.00	0.00	N/A	ppb
Cadmium	111-1	0.15	0.04	-0.20	0.00	N/A	ppb
Calcium	43-1	-8.74	2.42	6.32	0.00	N/A	ppb
Calcium	44-1	5.21	-5.92	0.70	0.00	N/A	ppb
Chromium	52-2	-0.06	0.06	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.03	-0.04	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	54-2	0.96	-0.17	-0.79	0.00	N/A	ppb
Iron	56-2	0.15	0.00	-0.15	0.00	N/A	ppb
Iron	57-2	-0.63	0.77	-0.14	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:45:11	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.81	0.39	0.42	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.02	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	0.02	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-6.74	-2.81	24.04	4.83	346.58	ppb
Potassium	39-2	0.82	-15.44	14.62	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.45	-0.92	0.47	0.00	N/A	ppb
Selenium	78-2	-0.84	-1.34	2.18	0.00	N/A	ppb
Selenium	82-1	-0.95	1.14	-0.19	0.00	N/A	ppb
Silicon	28-1	3.72	-0.35	-3.37	0.00	N/A	ppb
Silver	109-1	0.00	0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-5.30	-1.41	6.71	0.00	N/A	ppb
Strontium	86-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	818.28	-336.13	40.80	174.32	337.70	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.03	0.01	0.00	N/A	ppb
Titanium	47-1	0.12	-0.34	0.22	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		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:45:11	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.16	0.12	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	0.00	0.00	N/A	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.20	25.10	16.13	20.81	21.60	ppb
Antimony	121-1	1.82	1.72	1.87	1.80	4.22	ppb
Arsenic	75-2	1.02	0.98	0.80	0.93	12.78	ppb
Barium	135-1	8.48	9.45	9.23	9.05	5.60	ppb
Barium	137-1	8.97	8.71	9.20	8.96	2.72	ppb
Beryllium	9-1	0.90	0.95	1.01	0.95	5.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	19.85	22.46	23.52	21.94	8.59	ppb
Boron	10-1	20.47	21.27	24.94	22.23	10.73	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.03	0.16	-1.84	-0.57		ppb
Cadmium	108-1	0.90	0.89	1.17	0.99	15.59	ppb
Cadmium	111-1	1.04	1.00	0.72	0.92	18.70	ppb
Calcium	43-1	504.05	443.07	484.92	477.35	6.53	ppb
Calcium	44-1	485.59	470.36	449.48	468.48	3.87	ppb
Chromium	52-2	1.91	2.07	1.92	1.97	4.51	ppb
Cobalt	59-2	0.99	0.95	0.94	0.96	2.73	ppb
Copper	63-2	1.92	2.38	2.03	2.11	11.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	51.98	54.64	50.83	52.48	3.72	ppb
Iron	56-2	49.94	51.94	48.03	49.97	3.91	ppb
Iron	57-2	45.98	50.82	46.97	47.92	5.33	ppb
Krypton	83-1						cps
Lead	207-1	0.82	0.90	0.78	0.83	7.77	ppb
Lead	208-1	0.79	0.82	0.76	0.79	4.33	ppb
Lead	206-1	0.85	0.84	0.68	0.79	11.70	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	508.17	546.58	517.96	524.24	3.81	ppb
Manganese	55-2	0.83	0.84	1.02	0.90	11.57	ppb
Molybdenum	94-1	4.73	4.28	4.37	4.46	5.27	ppb
Molybdenum	95-1	4.38	4.41	4.32	4.37	1.01	ppb
Molybdenum	96-1	4.50	4.38	4.60	4.49	2.54	ppb
Molybdenum	97-1	4.65	4.57	4.72	4.64	1.65	ppb
Molybdenum	98-1	4.52	4.37	4.65	4.51	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.14	0.86	0.98	14.77	ppb
Phosphorus	31-2	7.78	4.81	-27.09	-4.83		ppb
Potassium	39-2	507.31	555.48	462.94	508.58	9.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	3.18	1.95	5.91	3.68	55.02	ppb
Selenium	78-2	5.29	4.46	5.53	5.09	10.95	ppb
Selenium	82-1	5.38	4.36	4.98	4.91	10.48	ppb
Silicon	28-1	7.02	0.43	-1.45	2.00	222.36	ppb
Silver	109-1	0.96	0.87	0.95	0.92	5.26	ppb
Silver	107-1	0.94	0.88	0.98	0.93	5.53	ppb
Sodium	23-2	498.36	565.63	500.36	521.45	7.34	ppb
Strontium	86-1	0.98	0.83	0.96	0.92	8.83	ppb
Strontium	88-1	0.89	0.94	0.85	0.89	4.89	ppb
Sulfur	34-1	460.51	-409.68	-573.78	-174.32		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.82	1.03	0.99	0.95	11.63	ppb
Thallium	205-1	0.84	0.88	0.86	0.86	2.28	ppb
Tin	118-1	4.43	4.24	4.24	4.30	2.51	ppb
Titanium	47-1	4.60	5.05	4.43	4.70	6.79	ppb
Uranium	238-1	0.86	0.87	0.89	0.88	1.72	ppb
Vanadium	51-2	4.89	4.85	4.46	4.73	5.00	ppb
Yttrium	89-1				101		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	1.95	2.17	2.14	2.08	5.77	ppb
Zirconium	90-1	0.96	0.91	0.90	0.92	3.48	ppb
Zirconium	91-1	1.10	0.96	0.70	0.92	22.29	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.64	1023.57	1209.20	1087.80	9.67	ppb
Antimony	121-1	50.30	50.37	43.66	48.11	8.01	ppb
Arsenic	75-2	50.84	50.39	58.13	53.12	8.18	ppb
Barium	135-1	254.80	257.01	216.46	242.76	9.39	ppb
Barium	137-1	251.38	252.68	218.42	240.83	8.06	ppb
Beryllium	9-1	52.28	52.47	46.38	50.38	6.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	11-1	47.76	50.33	48.89	48.99	2.63	ppb
Boron	10-1	45.95	52.05	50.15	49.38	6.32	ppb
Bromine	81-1						cps
Cadmium	106-1	51.01	53.02	42.08	48.70	11.95	ppb
Cadmium	108-1	46.63	54.42	44.57	48.54	10.71	ppb
Cadmium	111-1	51.50	51.51	43.95	48.99	8.90	ppb
Calcium	43-1	5135.83	5265.09	4413.58	4938.17	9.29	ppb
Calcium	44-1	5516.67	5374.04	4593.15	5161.29	9.63	ppb
Chromium	52-2	51.08	51.33	60.52	54.31	9.91	ppb
Cobalt	59-2	51.77	52.36	60.77	54.97	9.16	ppb
Copper	63-2	522.92	527.26	616.49	555.56	9.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	2707.10	2737.15	3177.37	2873.87	9.16	ppb
Iron	56-2	2710.10	2649.97	3137.88	2832.65	9.39	ppb
Iron	57-2	2648.27	2615.73	3116.20	2793.40	10.02	ppb
Krypton	83-1						cps
Lead	207-1	241.14	245.79	208.81	231.91	8.69	ppb
Lead	208-1	241.59	246.31	208.05	231.98	8.99	ppb
Lead	206-1	241.87	245.67	209.30	232.28	8.61	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	5570.47	5535.08	6610.35	5905.30	10.34	ppb
Manganese	55-2	510.22	506.62	598.32	538.39	9.65	ppb
Molybdenum	94-1	257.38	259.24	220.27	245.63	8.95	ppb
Molybdenum	95-1	254.79	257.25	216.37	242.81	9.44	ppb
Molybdenum	96-1	252.10	254.60	217.55	241.42	8.58	ppb
Molybdenum	97-1	258.21	255.46	220.48	244.72	8.60	ppb
Molybdenum	98-1	259.93	257.37	217.93	245.08	9.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.35	52.17	61.84	55.45	9.97	ppb
Phosphorus	31-2	960.92	1198.42	1279.47	1146.27	14.44	ppb
Potassium	39-2	2706.94	2660.26	3242.39	2869.86	11.27	ppb
Rhodium	103-1				109		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	47.53	79.21	64.32	63.69	24.88	ppb
Selenium	78-2	47.69	54.86	58.32	53.62	10.11	ppb
Selenium	82-1	50.91	50.96	42.97	48.28	9.53	ppb
Silicon	28-1	56.33	33.54	3.06	30.98	86.29	ppb
Silver	109-1	50.83	52.04	44.76	49.21	7.93	ppb
Silver	107-1	51.12	51.49	44.10	48.90	8.52	ppb
Sodium	23-2	5499.36	5469.08	6504.46	5824.30	10.12	ppb
Strontium	86-1	49.66	49.88	42.37	47.30	9.03	ppb
Strontium	88-1	51.64	50.85	44.03	48.84	8.57	ppb
Sulfur	34-1	315.31	-320.69	-4549.78	-1518.39		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	48.13	48.23	42.68	46.35	6.85	ppb
Thallium	205-1	49.57	49.17	42.32	47.02	8.67	ppb
Tin	118-1	50.13	51.41	42.95	48.17	9.46	ppb
Titanium	47-1	249.50	257.61	213.99	240.36	9.65	ppb
Uranium	238-1	48.82	49.05	40.87	46.25	10.08	ppb
Vanadium	51-2	51.12	51.03	58.35	53.50	7.85	ppb
Yttrium	89-1				107		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	526.47	524.25	611.51	554.08	8.98	ppb
Zirconium	90-1	51.00	50.71	43.97	48.56	8.19	ppb
Zirconium	91-1	50.15	51.04	43.60	48.27	8.42	ppb

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 14:54:32 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2613.43	2615.75	2563.34	2597.51	1.14	ppb
Antimony	121-1	153.09	129.56	131.25	137.97	9.51	ppb
Arsenic	75-2	128.68	125.18	123.56	125.81	2.08	ppb
Barium	135-1	762.15	643.54	657.42	687.70	9.43	ppb
Barium	137-1	757.14	642.96	651.75	683.95	9.29	ppb
Beryllium	9-1	151.49	133.93	133.71	139.71	7.30	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	11-1	137.59	134.14	141.02	137.58	2.50	ppb
Boron	10-1	137.21	129.61	144.47	137.10	5.42	ppb
Bromine	81-1						cps
Cadmium	106-1	159.01	127.48	135.03	140.51	11.72	ppb
Cadmium	108-1	159.17	128.46	132.56	140.06	11.90	ppb
Cadmium	111-1	151.82	131.28	132.30	138.46	8.36	ppb
Calcium	43-1	15593.28	13305.66	13462.78	14120.57	9.05	ppb
Calcium	44-1	15439.73	13384.43	13528.63	14117.60	8.13	ppb
Chromium	52-2	128.10	126.35	127.09	127.18	0.69	ppb
Cobalt	59-2	131.08	129.18	127.58	129.28	1.36	ppb
Copper	63-2	1314.05	1278.78	1295.23	1296.02	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	6825.97	6692.96	6609.41	6709.45	1.63	ppb
Iron	56-2	6625.79	6627.62	6552.61	6602.01	0.65	ppb
Iron	57-2	6852.39	6733.33	6612.05	6732.59	1.78	ppb
Krypton	83-1						cps
Lead	207-1	724.48	620.25	636.56	660.43	8.49	ppb
Lead	208-1	732.45	629.80	642.16	668.14	8.39	ppb
Lead	206-1	722.32	626.91	634.42	661.22	8.02	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:54:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	13867.54	13485.39	13589.72	13647.55	1.45	ppb
Manganese	55-2	1288.63	1275.34	1262.58	1275.52	1.02	ppb
Molybdenum	94-1	747.68	655.62	657.72	687.01	7.65	ppb
Molybdenum	95-1	749.45	645.81	654.53	683.26	8.41	ppb
Molybdenum	96-1	738.93	644.61	656.38	679.97	7.56	ppb
Molybdenum	97-1	757.75	643.06	649.46	683.42	9.43	ppb
Molybdenum	98-1	756.79	638.18	656.25	683.74	9.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.19	126.81	130.23	129.08	1.52	ppb
Phosphorus	31-2	2494.35	2362.91	2445.40	2434.22	2.73	ppb
Potassium	39-2	6839.72	6847.24	6801.21	6829.39	0.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	114.62	132.33	128.08	125.01	7.39	ppb
Selenium	78-2	125.44	132.47	125.32	127.74	3.20	ppb
Selenium	82-1	147.88	127.40	125.37	133.55	9.32	ppb
Silicon	28-1	214.67	126.38	132.86	157.97	31.15	ppb
Silver	109-1	155.41	130.76	133.71	139.96	9.62	ppb
Silver	107-1	153.94	130.86	132.20	139.00	9.32	ppb
Sodium	23-2	13306.06	13261.27	13619.24	13395.53	1.46	ppb
Strontium	86-1	145.63	126.66	126.91	133.07	8.18	ppb
Strontium	88-1	149.09	130.22	131.03	136.78	7.80	ppb
Sulfur	34-1	7969.83	2052.10	3066.82	4362.92	72.53	ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	144.21	126.46	126.40	132.36	7.75	ppb
Thallium	205-1	147.14	127.08	128.19	134.14	8.40	ppb
Tin	118-1	153.84	128.98	133.71	138.84	9.51	ppb
Titanium	47-1	734.25	650.20	652.99	679.15	7.03	ppb
Uranium	238-1	142.64	125.38	125.86	131.29	7.49	ppb
Vanadium	51-2	126.54	125.72	124.11	125.45	0.98	ppb
Yttrium	89-1				97		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:54:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1306.10	1284.35	1291.19	1293.88	0.86	ppb
Zirconium	90-1	150.14	128.19	130.69	136.34	8.81	ppb
Zirconium	91-1	146.98	128.60	129.26	134.95	7.73	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6064.32	4616.21	5404.41	5361.64	13.52	ppb
Antimony	121-1	286.19	257.76	256.06	266.67	6.35	ppb
Arsenic	75-2	299.13	223.34	266.36	262.94	14.46	ppb
Barium	135-1	1396.58	1288.22	1284.88	1323.23	4.80	ppb
Barium	137-1	1373.43	1279.77	1231.98	1295.06	5.56	ppb
Beryllium	9-1	272.81	260.98	257.66	263.82	3.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	11-1	246.44	257.44	266.81	256.90	3.97	ppb
Boron	10-1	248.33	256.22	263.43	255.99	2.95	ppb
Bromine	81-1						cps
Cadmium	106-1	280.41	261.07	250.12	263.87	5.81	ppb
Cadmium	108-1	276.84	254.79	257.18	262.94	4.60	ppb
Cadmium	111-1	281.84	258.76	252.43	264.35	5.85	ppb
Calcium	43-1	28387.13	26518.50	25425.37	26777.00	5.59	ppb
Calcium	44-1	28293.56	26149.45	25317.35	26586.79	5.78	ppb
Chromium	52-2	302.34	228.86	265.34	265.51	13.84	ppb
Cobalt	59-2	304.35	229.92	265.64	266.63	13.96	ppb
Copper	63-2	3074.93	2306.73	2686.50	2689.39	14.28	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				101		%
Indium	115-2				101		%
Iron	54-2	16080.03	12138.31	13888.55	14035.63	14.07	ppb
Iron	56-2	15825.58	11863.65	13828.93	13839.38	14.31	ppb
Iron	57-2	15913.61	11887.21	13789.80	13863.54	14.53	ppb
Krypton	83-1						cps
Lead	207-1	1387.28	1302.70	1235.91	1308.63	5.80	ppb
Lead	208-1	1378.02	1292.45	1241.02	1303.83	5.31	ppb
Lead	206-1	1366.67	1281.72	1228.47	1292.29	5.39	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	33153.73	24870.03	28678.44	28900.74	14.35	ppb
Manganese	55-2	3034.30	2304.66	2635.93	2658.30	13.74	ppb
Molybdenum	94-1	1407.52	1291.92	1277.73	1325.72	5.37	ppb
Molybdenum	95-1	1400.78	1313.83	1266.02	1326.88	5.15	ppb
Molybdenum	96-1	1367.02	1284.94	1268.00	1306.65	4.05	ppb
Molybdenum	97-1	1406.10	1262.97	1264.49	1311.19	6.27	ppb
Molybdenum	98-1	1396.03	1298.78	1249.01	1314.61	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	305.52	230.22	265.83	267.19	14.10	ppb
Phosphorus	31-2	6109.20	4468.69	5286.27	5288.05	15.51	ppb
Potassium	39-2	16074.11	12105.77	13998.36	14059.41	14.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	317.82	215.68	251.38	261.63	19.81	ppb
Selenium	78-2	286.13	225.06	262.81	258.00	11.95	ppb
Selenium	82-1	274.15	258.26	251.96	261.46	4.37	ppb
Silicon	28-1	305.60	248.77	244.86	266.41	12.76	ppb
Silver	109-1	285.61	266.01	254.82	268.81	5.80	ppb
Silver	107-1	284.07	258.71	256.58	266.45	5.74	ppb
Sodium	23-2	32271.59	24785.63	28121.23	28392.82	13.21	ppb
Strontium	86-1	274.89	258.06	247.08	260.01	5.39	ppb
Strontium	88-1	277.27	260.17	252.68	263.37	4.79	ppb
Sulfur	34-1	7752.25	4547.02	3769.57	5356.28	39.41	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	271.16	256.80	246.32	258.09	4.83	ppb
Thallium	205-1	272.49	258.88	247.64	259.67	4.79	ppb
Tin	118-1	282.34	258.27	252.48	264.36	5.99	ppb
Titanium	47-1	1374.22	1268.93	1233.48	1292.21	5.66	ppb
Uranium	238-1	269.40	253.66	244.20	255.75	4.98	ppb
Vanadium	51-2	301.98	227.58	264.29	264.62	14.06	ppb
Yttrium	89-1				100		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	3069.53	2326.01	2672.60	2689.38	13.83	ppb
Zirconium	90-1	277.64	261.96	252.76	264.12	4.76	ppb
Zirconium	91-1	281.86	256.77	247.48	262.04	6.79	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10155.86	9959.91	10479.80	10198.52	2.57	ppb
Antimony	121-1	489.60	506.39	501.37	499.12	1.73	ppb
Arsenic	75-2	499.31	491.66	515.30	502.09	2.40	ppb
Barium	135-1	2454.25	2564.50	2482.54	2500.43	2.29	ppb
Barium	137-1	2450.97	2502.58	2457.49	2470.34	1.14	ppb
Beryllium	9-1	500.69	499.36	496.44	498.83	0.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	458.29	490.48	535.36	494.71	7.82	ppb
Boron	10-1	457.13	484.17	530.73	490.68	7.59	ppb
Bromine	81-1						cps
Cadmium	106-1	490.02	495.12	501.24	495.46	1.13	ppb
Cadmium	108-1	489.68	499.21	491.63	493.51	1.02	ppb
Cadmium	111-1	490.29	504.59	507.09	500.66	1.81	ppb
Calcium	43-1	50856.95	50373.39	51895.52	51041.95	1.52	ppb
Calcium	44-1	50152.01	50830.29	50874.99	50619.10	0.80	ppb
Chromium	52-2	500.00	493.17	508.44	500.54	1.53	ppb
Cobalt	59-2	508.47	501.48	514.30	508.08	1.26	ppb
Copper	63-2	5053.84	4983.63	5122.16	5053.21	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	27132.14	26257.80	27440.72	26943.55	2.28	ppb
Iron	56-2	25879.42	25483.98	26567.11	25976.83	2.11	ppb
Iron	57-2	26078.43	25608.64	26589.24	26092.10	1.88	ppb
Krypton	83-1						cps
Lead	207-1	2466.41	2429.60	2424.59	2440.20	0.94	ppb
Lead	208-1	2449.20	2428.92	2406.08	2428.07	0.89	ppb
Lead	206-1	2480.70	2437.69	2379.39	2432.60	2.09	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	53131.77	52223.19	54406.71	53253.89	2.06	ppb
Manganese	55-2	5039.44	4896.46	5074.88	5003.59	1.89	ppb
Molybdenum	94-1	2473.57	2500.74	2388.25	2454.19	2.39	ppb
Molybdenum	95-1	2490.34	2467.09	2370.23	2442.55	2.61	ppb
Molybdenum	96-1	2503.49	2501.55	2414.61	2473.22	2.05	ppb
Molybdenum	97-1	2479.78	2483.36	2394.39	2452.51	2.05	ppb
Molybdenum	98-1	2436.02	2447.24	2375.59	2419.62	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.75	500.50	515.33	508.19	1.46	ppb
Phosphorus	31-2	10312.09	10144.83	10554.90	10337.27	1.99	ppb
Potassium	39-2	26534.92	26156.74	26244.40	26312.02	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	503.39	519.45	479.96	500.93	3.96	ppb
Selenium	78-2	502.42	490.44	513.00	501.95	2.25	ppb
Selenium	82-1	498.93	496.25	480.48	491.89	2.03	ppb
Silicon	28-1	516.22	496.29	525.35	512.62	2.90	ppb
Silver	109-1	499.48	505.16	498.00	500.88	0.75	ppb
Silver	107-1	497.17	500.28	502.31	499.92	0.52	ppb
Sodium	23-2	51737.24	52819.98	53775.18	52777.47	1.93	ppb
Strontium	86-1	494.93	501.26	480.27	492.15	2.19	ppb
Strontium	88-1	490.26	496.51	483.76	490.18	1.30	ppb
Sulfur	34-1	8830.57	7739.35	8827.66	8465.86	7.43	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	492.23	479.13	473.30	481.56	2.01	ppb
Thallium	205-1	487.47	481.16	482.30	483.64	0.70	ppb
Tin	118-1	488.14	510.58	506.47	501.73	2.38	ppb
Titanium	47-1	2421.92	2449.03	2451.42	2440.79	0.67	ppb
Uranium	238-1	484.11	492.58	479.64	485.44	1.35	ppb
Vanadium	51-2	506.73	495.26	516.57	506.19	2.11	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	5045.86	4978.73	5200.99	5075.19	2.25	ppb
Zirconium	90-1	498.14	507.75	489.53	498.48	1.83	ppb
Zirconium	91-1	500.03	504.45	482.27	495.58	2.37	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:03:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19798.24	19995.05	19877.37	19890.22	0.50	ppb
Antimony	121-1	993.92	1008.55	981.76	994.75	1.35	ppb
Arsenic	75-2	997.93	999.02	989.44	995.46	0.53	ppb
Barium	135-1	5052.15	4952.52	4917.34	4974.00	1.41	ppb
Barium	137-1	5028.89	5021.54	4939.53	4996.66	0.99	ppb
Beryllium	9-1	1017.94	989.60	978.28	995.27	2.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	937.60	993.21	1067.63	999.48	6.53	ppb
Boron	10-1	945.92	995.83	1063.50	1001.75	5.89	ppb
Bromine	81-1						cps
Cadmium	106-1	1018.18	997.61	975.01	996.93	2.17	ppb
Cadmium	108-1	1005.97	990.83	997.81	998.20	0.76	ppb
Cadmium	111-1	1003.55	998.89	980.93	994.45	1.20	ppb
Calcium	43-1	107892.57	104314.68	102833.01	105013.42	2.48	ppb
Calcium	44-1	106980.15	101458.20	101361.07	103266.47	3.11	ppb
Chromium	52-2	996.80	1007.12	982.18	995.37	1.26	ppb
Cobalt	59-2	989.71	1003.51	979.83	991.02	1.20	ppb
Copper	63-2	9906.24	10034.20	9812.11	9917.52	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	52661.89	54400.48	52561.21	53207.86	1.94	ppb
Iron	56-2	51186.22	51728.52	50749.53	51221.42	0.96	ppb
Iron	57-2	50921.46	51532.20	51211.63	51221.77	0.60	ppb
Krypton	83-1						cps
Lead	207-1	5145.00	4932.97	4957.19	5011.72	2.32	ppb
Lead	208-1	5125.90	4928.87	4999.28	5018.02	1.99	ppb
Lead	206-1	5112.71	4919.12	5026.64	5019.49	1.93	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:03:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	104212.56	105045.27	102572.41	103943.41	1.21	ppb
Manganese	55-2	9837.17	10091.54	9931.85	9953.52	1.29	ppb
Molybdenum	94-1	5167.31	4998.99	4823.03	4996.44	3.45	ppb
Molybdenum	95-1	5096.61	5059.14	4852.00	5002.58	2.63	ppb
Molybdenum	96-1	5108.21	5037.39	4832.77	4992.79	2.86	ppb
Molybdenum	97-1	5056.33	5061.30	4886.59	5001.41	1.99	ppb
Molybdenum	98-1	5114.80	5104.29	4831.74	5016.94	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.05	1004.79	985.63	990.82	1.23	ppb
Phosphorus	31-2	20033.17	20276.41	18971.20	19760.26	3.51	ppb
Potassium	39-2	51231.60	50490.12	50320.04	50680.59	0.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	980.02	1015.80	992.02	995.95	1.83	ppb
Selenium	78-2	997.05	996.57	995.88	996.50	0.06	ppb
Selenium	82-1	1018.51	998.63	983.49	1000.21	1.76	ppb
Silicon	28-1	1012.36	968.84	978.30	986.50	2.32	ppb
Silver	109-1	1003.95	980.71	994.41	993.03	1.18	ppb
Silver	107-1	1009.95	981.96	990.78	994.23	1.44	ppb
Sodium	23-2	104199.16	104643.41	101776.84	103539.80	1.49	ppb
Strontium	86-1	1008.05	1013.57	980.02	1000.55	1.80	ppb
Strontium	88-1	1007.56	1002.76	990.14	1000.15	0.90	ppb
Sulfur	34-1	21936.60	20128.52	19648.04	20571.05	5.87	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1019.22	998.57	1001.60	1006.46	1.11	ppb
Thallium	205-1	1020.96	987.49	1005.85	1004.77	1.67	ppb
Tin	118-1	1011.75	990.95	979.03	993.91	1.67	ppb
Titanium	47-1	5240.86	4865.70	4931.73	5012.77	4.00	ppb
Uranium	238-1	1024.24	995.21	996.29	1005.24	1.64	ppb
Vanadium	51-2	988.46	999.31	991.28	993.02	0.57	ppb
Yttrium	89-1				102		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:03:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	9855.18	9959.01	9906.41	9906.87	0.52	ppb
Zirconium	90-1	1006.84	1004.14	976.68	995.89	1.68	ppb
Zirconium	91-1	1006.28	1006.47	981.37	998.04	1.45	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103800.56	101860.12	94281.43	99980.71	5.03	ppb
Antimony	121-1	0.67	0.78	0.69	0.71	8.44	ppb
Arsenic	75-2	0.41	0.39	0.38	0.39	4.34	ppb
Barium	135-1	9.76	9.23	9.82	9.60	3.35	ppb
Barium	137-1	8.56	9.18	9.58	9.11	5.68	ppb
Beryllium	9-1	0.29	0.21	0.18	0.23	24.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	11-1	101.74	89.53	80.93	90.73	11.52	ppb
Boron	10-1	100.72	90.40	84.78	91.97	8.79	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.78	-0.14	1.98	-0.31		ppb
Cadmium	108-1	0.66	0.89	0.54	0.70	25.79	ppb
Cadmium	111-1	0.29	0.28	0.51	0.36	35.54	ppb
Calcium	43-1	493443.82	499154.17	503695.20	498764.40	1.03	ppb
Calcium	44-1	495191.03	498336.34	503962.94	499163.44	0.89	ppb
Chromium	52-2	4.10	4.07	3.45	3.88	9.43	ppb
Cobalt	59-2	1.74	1.83	1.63	1.73	5.86	ppb
Copper	63-2	3.56	3.71	3.45	3.57	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				113		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	54-2	257492.32	256793.96	232929.91	249072.07	5.61	ppb
Iron	56-2	254152.04	258775.31	235809.46	249578.94	4.87	ppb
Iron	57-2	253786.84	261065.01	233837.93	249563.26	5.65	ppb
Krypton	83-1						cps
Lead	207-1	2.04	2.03	2.08	2.05	1.24	ppb
Lead	208-1	2.06	2.04	2.05	2.05	0.37	ppb
Lead	206-1	2.15	2.11	2.06	2.11	2.05	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	511949.26	513391.44	470618.68	498653.13	4.87	ppb
Manganese	55-2	8.02	7.99	7.16	7.73	6.30	ppb
Molybdenum	94-1	1.63	1.74	1.52	1.63	6.78	ppb
Molybdenum	95-1	1.74	1.70	1.39	1.61	11.76	ppb
Molybdenum	96-1	1.86	1.81	1.81	1.82	1.61	ppb
Molybdenum	97-1	1.73	1.59	1.69	1.67	4.42	ppb
Molybdenum	98-1	1.71	1.43	1.48	1.54	9.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.51	3.66	3.22	3.46	6.52	ppb
Phosphorus	31-2	-11.70	-15.51	-66.11	-31.11		ppb
Potassium	39-2	253960.17	255885.30	239064.06	249636.51	3.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	-0.92	1.61	2.54	1.08	165.97	ppb
Selenium	78-2	0.24	0.45	-0.91	-0.07		ppb
Selenium	82-1	0.27	0.13	0.66	0.35	76.96	ppb
Silicon	28-1	25.95	25.42	15.72	22.36	25.76	ppb
Silver	109-1	0.52	0.52	0.56	0.54	3.63	ppb
Silver	107-1	0.51	0.56	0.53	0.53	5.02	ppb
Sodium	23-2	512161.32	513779.01	470501.67	498814.00	4.92	ppb
Strontium	86-1	6.06	5.57	5.47	5.70	5.50	ppb
Strontium	88-1	5.70	5.75	5.62	5.69	1.12	ppb
Sulfur	34-1	-2999.10	-2257.69	-2118.24	-2458.34		ppb
Terbium	159-1				108		%
Terbium	159-2				114		%
Thallium	203-1	0.77	0.71	0.65	0.71	8.40	ppb
Thallium	205-1	0.73	0.69	0.61	0.68	9.03	ppb
Tin	118-1	0.33	0.25	0.40	0.33	23.68	ppb
Titanium	47-1	0.30	0.57	0.42	0.43	30.62	ppb
Uranium	238-1	0.17	0.20	0.15	0.17	13.91	ppb
Vanadium	51-2	0.20	0.22	0.21	0.21	4.46	ppb
Yttrium	89-1				106		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	19.16	21.24	19.29	19.90	5.85	ppb
Zirconium	90-1	0.30	0.35	0.32	0.32	6.50	ppb
Zirconium	91-1	0.30	0.33	0.34	0.32	6.31	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.34	482.35	510.75	497.15	2.86	ppb
Antimony	121-1	190.34	184.35	186.91	187.20	1.60	ppb
Arsenic	75-2	186.05	187.72	195.45	189.74	2.64	ppb
Barium	135-1	99.19	96.38	98.57	98.04	1.51	ppb
Barium	137-1	98.78	98.13	96.11	97.68	1.43	ppb
Beryllium	9-1	93.78	92.42	93.89	93.36	0.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	479.76	539.49	569.77	529.67	8.65	ppb
Boron	10-1	481.29	527.12	570.60	526.34	8.49	ppb
Bromine	81-1						cps
Cadmium	106-1	153.79	147.21	150.50	150.50	2.19	ppb
Cadmium	108-1	134.67	137.54	135.24	135.82	1.12	ppb
Cadmium	111-1	101.30	98.88	98.79	99.66	1.43	ppb
Calcium	43-1	2218.39	2055.35	2086.29	2120.01	4.08	ppb
Calcium	44-1	2311.25	2223.98	2266.83	2267.35	1.92	ppb
Chromium	52-2	97.76	97.05	98.85	97.89	0.93	ppb
Cobalt	59-2	99.13	98.61	100.75	99.50	1.12	ppb
Copper	63-2	104.96	102.47	106.62	104.69	1.99	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	2012.90	2039.41	2114.40	2055.57	2.56	ppb
Iron	56-2	1978.94	1962.12	2018.52	1986.53	1.46	ppb
Iron	57-2	1969.14	1905.59	2050.64	1975.12	3.68	ppb
Krypton	83-1						cps
Lead	207-1	187.54	185.32	182.48	185.11	1.37	ppb
Lead	208-1	194.25	189.24	186.13	189.87	2.16	ppb
Lead	206-1	205.77	196.84	193.33	198.65	3.23	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	1252.11	1251.85	1251.44	1251.80	0.03	ppb
Manganese	55-2	105.50	102.49	108.51	105.50	2.86	ppb
Molybdenum	94-1	2681.30	2603.66	2577.27	2620.74	2.06	ppb
Molybdenum	95-1	2618.92	2492.31	2516.96	2542.73	2.64	ppb
Molybdenum	96-1	2645.90	2508.59	2548.67	2567.72	2.75	ppb
Molybdenum	97-1	2631.58	2478.84	2523.07	2544.50	3.09	ppb
Molybdenum	98-1	2629.34	2441.34	2489.25	2519.98	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.70	98.82	102.11	100.54	1.64	ppb
Phosphorus	31-2	-35.96	-13.53	-34.08	-27.86		ppb
Potassium	39-2	1983.35	1979.05	2050.40	2004.27	2.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	196.19	216.95	192.73	201.95	6.49	ppb
Selenium	78-2	190.19	200.11	197.47	195.92	2.62	ppb
Selenium	82-1	196.20	191.65	191.80	193.22	1.34	ppb
Silicon	28-1	507.12	483.22	488.93	493.09	2.53	ppb
Silver	109-1	48.18	46.69	46.74	47.20	1.79	ppb
Silver	107-1	47.85	46.68	46.43	46.99	1.61	ppb
Sodium	23-2	2077.37	2103.32	2155.53	2112.08	1.88	ppb
Strontium	86-1	564.60	535.69	540.08	546.79	2.85	ppb
Strontium	88-1	563.30	531.63	548.21	547.71	2.89	ppb
Sulfur	34-1	338.46	-1445.29	-1290.60	-799.14		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	193.49	191.33	186.29	190.37	1.94	ppb
Thallium	205-1	197.58	190.98	187.07	191.88	2.77	ppb
Tin	118-1	563.94	553.40	551.31	556.21	1.22	ppb
Titanium	47-1	2644.11	2568.26	2547.31	2586.56	1.97	ppb
Uranium	238-1	586.91	581.61	571.83	580.12	1.32	ppb
Vanadium	51-2	100.70	101.53	103.94	102.06	1.65	ppb
Yttrium	89-1				102		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	199.02	195.47	204.84	199.78	2.37	ppb
Zirconium	90-1	551.82	549.96	548.80	550.19	0.28	ppb
Zirconium	91-1	563.61	543.62	547.71	551.65	1.91	ppb

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:30:07 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	1.32	1.47	1.15	37.28	ppb
Antimony	121-1	0.02	0.00	0.02	0.01	77.42	ppb
Arsenic	75-2	-0.01	0.01	-0.03	-0.01		ppb
Barium	135-1	0.04	-0.02	-0.01	0.00	1072.18	ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.05	0.03	0.00	0.03	85.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	12.22	11.25	10.83	11.43	6.24	ppb
Boron	10-1	12.95	11.57	11.72	12.08	6.27	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.40	-0.69	-5.91	-3.00		ppb
Cadmium	108-1	-0.13	-0.20	-0.07	-0.14		ppb
Cadmium	111-1	-0.16	-0.03	-0.42	-0.20		ppb
Calcium	43-1	-15.51	-3.48	-24.72	-14.57		ppb
Calcium	44-1	70.73	65.93	81.90	72.85	11.25	ppb
Chromium	52-2	0.05	-0.07	0.04	0.01	829.33	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	220.09	ppb
Copper	63-2	0.09	0.04	0.15	0.09	56.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	2.22	1.10	2.16	1.83	34.61	ppb
Iron	56-2	0.45	0.31	0.54	0.43	26.86	ppb
Iron	57-2	-0.21	0.56	2.78	1.04	149.03	ppb
Krypton	83-1						cps
Lead	207-1	0.23	0.19	0.24	0.22	13.62	ppb
Lead	208-1	0.22	0.22	0.21	0.22	3.63	ppb
Lead	206-1	0.17	0.22	0.17	0.18	14.78	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:30:07	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	2.49	0.84	-0.31	1.01	139.82	ppb
Manganese	55-2	0.01	0.03	0.00	0.01	140.72	ppb
Molybdenum	94-1	0.07	0.07	0.06	0.06	11.03	ppb
Molybdenum	95-1	0.10	0.08	0.05	0.08	30.13	ppb
Molybdenum	96-1	0.13	0.04	0.08	0.08	58.85	ppb
Molybdenum	97-1	0.12	0.04	0.06	0.07	59.72	ppb
Molybdenum	98-1	0.13	0.10	0.06	0.10	38.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.04	-0.04	-0.05		ppb
Phosphorus	31-2	-42.22	-25.10	-61.79	-43.03		ppb
Potassium	39-2	7.91	6.05	19.84	11.26	66.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-0.92	0.41	-0.92	-0.48		ppb
Selenium	78-2	-0.01	-0.06	-0.36	-0.14		ppb
Selenium	82-1	-1.15	0.66	0.03	-0.16		ppb
Silicon	28-1	-28.49	-38.98	-32.93	-33.47		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	1560.24	ppb
Sodium	23-2	44.07	37.65	47.93	43.22	12.02	ppb
Strontium	86-1	0.10	0.06	0.01	0.06	78.59	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	122.86	ppb
Sulfur	34-1	-1241.24	-1946.64	-1038.40	-1408.76		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.04	0.03	0.03	41.87	ppb
Thallium	205-1	0.04	0.06	0.03	0.04	29.39	ppb
Tin	118-1	-0.18	-0.22	-0.14	-0.18		ppb
Titanium	47-1	-0.44	0.00	-0.29	-0.24		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.27	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	82.88	ppb
Yttrium	89-1				101		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:30:07	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.27	-0.13	-0.11	-0.17		ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	53.63	ppb
Zirconium	91-1	0.03	0.04	-0.02	0.01	238.63	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:32:55	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90712.01	93189.11	92446.52	92115.88	1.38	ppb
Antimony	121-1	1.06	1.01	1.00	1.02	3.42	ppb
Arsenic	75-2	0.37	0.27	0.29	0.31	16.29	ppb
Barium	135-1	1.32	1.42	1.30	1.35	4.87	ppb
Barium	137-1	1.40	1.29	1.19	1.29	8.31	ppb
Beryllium	9-1	0.23	0.26	0.28	0.26	9.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	11.15	10.35	10.12	10.54	5.15	ppb
Boron	10-1	10.56	10.01	9.98	10.18	3.21	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.55	-2.87	-0.47	-1.30		ppb
Cadmium	108-1	8.56	8.29	8.02	8.29	3.26	ppb
Cadmium	111-1	0.17	0.18	0.23	0.19	16.66	ppb
Calcium	43-1	95718.04	95053.37	97315.66	96029.02	1.21	ppb
Calcium	44-1	93498.51	94766.09	95820.06	94694.88	1.23	ppb
Chromium	52-2	18.95	19.03	18.74	18.91	0.81	ppb
Cobalt	59-2	1.06	1.08	1.09	1.08	1.54	ppb
Copper	63-2	8.00	8.24	8.29	8.18	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	97171.73	98028.25	98488.33	97896.10	0.68	ppb
Iron	56-2	96365.64	98283.67	96356.51	97001.94	1.14	ppb
Iron	57-2	98900.51	100060.52	100018.36	99659.80	0.66	ppb
Krypton	83-1						cps
Lead	207-1	3.93	4.13	4.06	4.04	2.47	ppb
Lead	208-1	4.29	4.44	4.50	4.41	2.48	ppb
Lead	206-1	4.58	4.74	4.79	4.70	2.38	ppb

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:32:55 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	93396.95	93820.41	94732.53	93983.30	0.73	ppb
Manganese	55-2	7.19	7.47	6.82	7.16	4.52	ppb
Molybdenum	94-1	1247.44	1264.66	1260.02	1257.37	0.71	ppb
Molybdenum	95-1	1751.29	1833.36	1791.20	1791.95	2.29	ppb
Molybdenum	96-1	1702.85	1746.58	1724.17	1724.53	1.27	ppb
Molybdenum	97-1	1782.04	1789.13	1759.67	1776.95	0.87	ppb
Molybdenum	98-1	1754.81	1764.25	1779.50	1766.19	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.82	5.34	5.22	5.12	5.27	ppb
Phosphorus	31-2	91626.23	93083.74	91483.12	92064.36	0.96	ppb
Potassium	39-2	93851.76	95649.22	94367.85	94622.94	0.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.37	-0.92	1.66	0.37	345.84	ppb
Selenium	78-2	-0.89	0.95	-0.09	-0.01		ppb
Selenium	82-1	0.01	-0.38	-0.83	-0.40		ppb
Silicon	28-1	15.87	16.24	26.69	19.60	31.34	ppb
Silver	109-1	0.02	0.02	0.03	0.02	11.31	ppb
Silver	107-1	0.02	0.02	0.03	0.02	28.34	ppb
Sodium	23-2	95840.33	98636.93	96693.16	97056.80	1.48	ppb
Strontium	86-1	30.89	31.51	31.91	31.43	1.62	ppb
Strontium	88-1	31.72	32.46	32.16	32.11	1.16	ppb
Sulfur	34-1	70438.88	69107.06	69732.82	69759.59	0.96	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.11	0.13	0.10	25.60	ppb
Thallium	205-1	0.10	0.12	0.12	0.11	13.35	ppb
Tin	118-1	-0.03	0.03	0.15	0.05	181.83	ppb
Titanium	47-1	1837.68	1861.58	1897.12	1865.46	1.60	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.88	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	8.35	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:32:55	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	12.62	12.81	13.09	12.84	1.84	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	20.90	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	65.04	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:35:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91564.86	90930.19	90561.25	91018.77	0.56	ppb
Antimony	121-1	19.57	19.58	19.25	19.47	0.96	ppb
Arsenic	75-2	18.75	18.62	18.00	18.46	2.17	ppb
Barium	135-1	19.92	20.43	20.18	20.18	1.27	ppb
Barium	137-1	19.58	20.22	20.49	20.10	2.32	ppb
Beryllium	9-1	17.83	17.96	18.02	17.94	0.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	52.62	60.09	61.69	58.13	8.33	ppb
Boron	10-1	54.51	56.88	60.40	57.26	5.17	ppb
Bromine	81-1						cps
Cadmium	106-1	20.76	19.82	21.93	20.83	5.07	ppb
Cadmium	108-1	25.83	26.82	27.35	26.67	2.90	ppb
Cadmium	111-1	18.78	19.02	18.37	18.72	1.74	ppb
Calcium	43-1	94457.41	95442.93	95663.91	95188.08	0.67	ppb
Calcium	44-1	94855.55	94542.49	95162.10	94853.38	0.33	ppb
Chromium	52-2	37.39	38.38	37.70	37.82	1.33	ppb
Cobalt	59-2	20.36	20.91	20.31	20.53	1.63	ppb
Copper	63-2	28.43	29.15	28.74	28.77	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	99316.82	101305.88	97044.72	99222.47	2.15	ppb
Iron	56-2	98242.47	100020.01	96805.84	98356.10	1.64	ppb
Iron	57-2	100678.24	101173.52	99671.01	100507.59	0.76	ppb
Krypton	83-1						cps
Lead	207-1	20.86	20.94	20.75	20.85	0.44	ppb
Lead	208-1	21.21	20.96	21.21	21.12	0.69	ppb
Lead	206-1	22.93	22.69	23.07	22.90	0.85	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:35:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	95805.93	94336.28	92143.56	94095.26	1.96	ppb
Manganese	55-2	25.73	25.70	26.15	25.86	0.97	ppb
Molybdenum	94-1	1401.76	1382.90	1372.51	1385.72	1.07	ppb
Molybdenum	95-1	1901.52	1844.41	1833.16	1859.70	1.97	ppb
Molybdenum	96-1	1817.09	1827.40	1762.11	1802.20	1.95	ppb
Molybdenum	97-1	1883.63	1832.30	1827.37	1847.77	1.69	ppb
Molybdenum	98-1	1881.42	1816.95	1810.25	1836.21	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	24.86	24.66	24.52	1.70	ppb
Phosphorus	31-2	91651.72	91796.58	90359.95	91269.41	0.87	ppb
Potassium	39-2	95242.07	95281.13	94310.75	94944.65	0.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	13.30	13.23	24.83	17.12	38.99	ppb
Selenium	78-2	15.50	18.45	15.41	16.45	10.49	ppb
Selenium	82-1	18.67	17.34	16.68	17.56	5.76	ppb
Silicon	28-1	60.38	57.30	74.85	64.18	14.60	ppb
Silver	109-1	18.07	17.99	17.55	17.87	1.56	ppb
Silver	107-1	17.73	17.96	17.99	17.90	0.80	ppb
Sodium	23-2	98216.83	98216.99	95964.14	97465.99	1.33	ppb
Strontium	86-1	87.10	82.81	83.48	84.46	2.73	ppb
Strontium	88-1	87.64	85.36	85.83	86.28	1.39	ppb
Sulfur	34-1	64962.98	66949.59	65623.33	65845.30	1.54	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	17.98	18.69	19.48	18.72	4.01	ppb
Thallium	205-1	19.12	18.92	19.58	19.21	1.77	ppb
Tin	118-1	52.14	52.92	52.69	52.58	0.76	ppb
Titanium	47-1	1912.41	1918.61	1919.39	1916.80	0.20	ppb
Uranium	238-1	52.26	53.02	53.14	52.81	0.90	ppb
Vanadium	51-2	18.75	18.92	18.53	18.74	1.05	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:35:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	32.53	33.52	31.87	32.64	2.55	ppb
Zirconium	90-1	55.46	53.18	53.50	54.05	2.29	ppb
Zirconium	91-1	54.11	52.08	53.20	53.13	1.91	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51339.90	51807.01	50863.04	51336.65	0.92	ppb
Antimony	121-1	485.99	490.38	479.85	485.41	1.09	ppb
Arsenic	75-2	489.86	485.41	477.93	484.40	1.24	ppb
Barium	135-1	2420.89	2500.98	2439.80	2453.89	1.71	ppb
Barium	137-1	2429.43	2417.26	2400.84	2415.84	0.59	ppb
Beryllium	9-1	480.66	485.90	495.15	487.24	1.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	11-1	429.71	472.17	516.60	472.83	9.19	ppb
Boron	10-1	424.85	468.54	506.59	466.66	8.76	ppb
Bromine	81-1						cps
Cadmium	106-1	476.99	475.45	482.23	478.23	0.74	ppb
Cadmium	108-1	474.78	480.15	463.51	472.82	1.80	ppb
Cadmium	111-1	472.01	475.23	483.49	476.91	1.24	ppb
Calcium	43-1	244281.48	250691.08	241958.77	245643.78	1.84	ppb
Calcium	44-1	239328.20	245438.95	241344.18	242037.11	1.29	ppb
Chromium	52-2	485.44	491.13	483.40	486.66	0.82	ppb
Cobalt	59-2	483.55	489.77	479.60	484.31	1.06	ppb
Copper	63-2	4762.70	4833.36	4762.93	4786.33	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	124584.64	124989.82	121589.29	123721.25	1.50	ppb
Iron	56-2	121828.28	122195.08	121199.44	121740.93	0.41	ppb
Iron	57-2	124966.93	124913.71	124487.96	124789.54	0.21	ppb
Krypton	83-1						cps
Lead	207-1	2444.34	2432.30	2475.72	2450.79	0.91	ppb
Lead	208-1	2441.49	2419.28	2452.33	2437.70	0.69	ppb
Lead	206-1	2454.18	2408.39	2464.17	2442.25	1.22	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	244118.43	251170.55	244307.15	246532.05	1.63	ppb
Manganese	55-2	4928.59	4892.39	4768.42	4863.13	1.73	ppb
Molybdenum	94-1	2443.57	2486.25	2506.52	2478.78	1.30	ppb
Molybdenum	95-1	2424.40	2478.95	2489.72	2464.36	1.42	ppb
Molybdenum	96-1	2399.30	2467.18	2518.56	2461.68	2.43	ppb
Molybdenum	97-1	2409.88	2482.62	2526.06	2472.86	2.37	ppb
Molybdenum	98-1	2437.73	2465.99	2515.73	2473.15	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.69	487.64	479.73	481.69	1.09	ppb
Phosphorus	31-2	9891.25	9791.54	9467.16	9716.65	2.28	ppb
Potassium	39-2	124498.48	124441.86	124241.15	124393.83	0.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	470.74	473.48	504.76	482.99	3.91	ppb
Selenium	78-2	486.92	497.92	477.59	487.48	2.09	ppb
Selenium	82-1	478.16	474.89	484.76	479.27	1.05	ppb
Silicon	28-1	531.85	610.19	604.27	582.10	7.49	ppb
Silver	109-1	480.22	484.73	492.87	485.94	1.32	ppb
Silver	107-1	481.94	484.68	461.26	475.96	2.69	ppb
Sodium	23-2	241306.64	249122.08	244346.99	244925.24	1.61	ppb
Strontium	86-1	485.58	485.80	491.04	487.47	0.63	ppb
Strontium	88-1	489.07	489.75	498.04	492.29	1.01	ppb
Sulfur	34-1	8846.79	9276.70	8744.27	8955.92	3.15	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	490.95	480.34	480.40	483.90	1.26	ppb
Thallium	205-1	488.94	480.18	488.40	485.84	1.01	ppb
Tin	118-1	485.55	487.28	479.62	484.15	0.83	ppb
Titanium	47-1	2375.66	2446.71	2451.98	2424.78	1.76	ppb
Uranium	238-1	492.88	488.60	497.96	493.14	0.95	ppb
Vanadium	51-2	497.40	497.64	486.75	493.93	1.26	ppb
Yttrium	89-1				103		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4820.40	4881.47	4831.60	4844.49	0.67	ppb
Zirconium	90-1	491.86	498.93	493.95	494.91	0.73	ppb
Zirconium	91-1	489.30	501.29	492.08	494.23	1.27	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:59:55	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-3.76	-0.93	-1.61		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	31.22	ppb
Arsenic	75-2	-0.04	-0.01	0.01	-0.01		ppb
Barium	135-1	0.02	0.01	-0.01	0.01	254.89	ppb
Barium	137-1	0.01	0.00	0.00	0.00	442.02	ppb
Beryllium	9-1	0.02	0.02	0.08	0.04	87.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	8.05	8.18	7.90	8.04	1.74	ppb
Boron	10-1	8.69	9.01	8.79	8.83	1.86	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.25	-1.27	-0.08	-0.87		ppb
Cadmium	108-1	-0.20	-0.07	-0.26	-0.18		ppb
Cadmium	111-1	-0.06	-0.08	0.01	-0.04		ppb
Calcium	43-1	-21.85	-4.89	-9.92	-12.22		ppb
Calcium	44-1	52.86	46.82	65.25	54.98	17.09	ppb
Chromium	52-2	0.09	0.08	-0.01	0.05	109.65	ppb
Cobalt	59-2	0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.09	0.18	0.18	0.15	37.16	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	0.10	0.64	2.04	0.93	107.87	ppb
Iron	56-2	0.16	0.10	0.29	0.18	53.26	ppb
Iron	57-2	-1.35	-1.23	-1.13	-1.24		ppb
Krypton	83-1						cps
Lead	207-1	0.33	0.30	0.27	0.30	11.32	ppb
Lead	208-1	0.30	0.30	0.29	0.30	1.76	ppb
Lead	206-1	0.25	0.31	0.27	0.28	10.47	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:59:55	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.58	0.88	-0.50	0.32	224.94	ppb
Manganese	55-2	0.46	0.43	0.44	0.44	4.03	ppb
Molybdenum	94-1	0.07	0.06	0.03	0.06	34.03	ppb
Molybdenum	95-1	0.06	0.00	0.02	0.03	98.69	ppb
Molybdenum	96-1	0.05	0.02	-0.02	0.02	204.93	ppb
Molybdenum	97-1	0.09	0.02	0.05	0.05	62.49	ppb
Molybdenum	98-1	0.05	0.02	0.03	0.03	37.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.13	-0.03	-0.07		ppb
Phosphorus	31-2	-63.27	-39.42	-15.15	-39.28		ppb
Potassium	39-2	29.52	23.31	43.20	32.01	31.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.38	3.04	-0.92	0.84	241.27	ppb
Selenium	78-2	-0.62	0.39	0.85	0.21	360.61	ppb
Selenium	82-1	0.32	-0.92	-0.39	-0.33		ppb
Silicon	28-1	-41.04	-45.42	-33.91	-40.12		ppb
Silver	109-1	0.01	0.00	0.00	0.00	82.10	ppb
Silver	107-1	0.00	0.00	0.01	0.00	214.51	ppb
Sodium	23-2	73.22	70.22	86.44	76.63	11.26	ppb
Strontium	86-1	-0.03	-0.06	-0.15	-0.08		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-2023.82	-2531.70	-1210.11	-1921.88		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.02	0.02	8.98	ppb
Thallium	205-1	0.03	0.02	0.05	0.03	39.02	ppb
Tin	118-1	-0.10	-0.14	-0.08	-0.11		ppb
Titanium	47-1	-0.37	-0.44	0.13	-0.23		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	41.21	ppb
Yttrium	89-1				103		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:59:55	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.55	0.45	0.17	0.39	49.85	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	98.50	ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	-2.08	-2.07	-0.87		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	71.54	ppb
Arsenic	75-2	-0.04	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.02	0.01	0.01	125.08	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	20.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	11-1	6.87	6.84	6.49	6.73	3.15	ppb
Boron	10-1	7.41	6.99	7.92	7.44	6.25	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.91	-1.52	-3.25	-2.56		ppb
Cadmium	108-1	-0.13	-0.08	-0.20	-0.14		ppb
Cadmium	111-1	-0.19	-0.09	-0.20	-0.16		ppb
Calcium	43-1	-4.17	-16.12	-21.20	-13.83		ppb
Calcium	44-1	77.43	36.75	26.05	46.74	57.99	ppb
Chromium	52-2	0.11	-0.04	0.02	0.03	246.70	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.12	0.18	0.17	0.15	20.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	-0.64	1.55	1.45	0.78	158.14	ppb
Iron	56-2	0.28	0.28	0.10	0.22	46.83	ppb
Iron	57-2	-2.46	-3.88	-3.41	-3.25		ppb
Krypton	83-1						cps
Lead	207-1	0.32	0.30	0.26	0.29	10.59	ppb
Lead	208-1	0.28	0.28	0.26	0.27	3.48	ppb
Lead	206-1	0.24	0.30	0.25	0.26	11.69	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	1.07	1.01	2.53	1.54	55.84	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	25.53	ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	30.75	ppb
Molybdenum	95-1	0.02	0.04	0.01	0.02	71.43	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	33.10	ppb
Molybdenum	97-1	0.05	0.02	0.02	0.03	58.65	ppb
Molybdenum	98-1	0.03	0.02	0.00	0.02	104.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	-0.08	-0.01		ppb
Phosphorus	31-2	-61.76	-37.15	-55.80	-51.57		ppb
Potassium	39-2	5.10	21.99	23.36	16.82	60.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	4.17	-0.92	-0.92	0.78	376.53	ppb
Selenium	78-2	0.50	1.12	0.06	0.56	95.04	ppb
Selenium	82-1	-0.44	0.05	-0.10	-0.16		ppb
Silicon	28-1	-28.69	-42.10	-49.39	-40.06		ppb
Silver	109-1	0.01	0.00	0.00	0.00	141.29	ppb
Silver	107-1	0.01	0.00	0.00	0.00	46.25	ppb
Sodium	23-2	51.16	70.91	61.24	61.10	16.17	ppb
Strontium	86-1	-0.04	-0.03	0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	39.31	ppb
Sulfur	34-1	-860.73	-2687.15	-2934.17	-2160.68		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.01	-0.02	0.02	0.00	398.59	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	10.70	ppb
Tin	118-1	-0.18	-0.18	-0.22	-0.19		ppb
Titanium	47-1	-0.32	-0.21	-0.09	-0.21		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	221.72	ppb
Yttrium	89-1				103		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	0.50	0.52	0.13	0.39	57.09	ppb
Zirconium	90-1	0.01	0.03	0.01	0.01	68.41	ppb
Zirconium	91-1	-0.01	0.03	0.03	0.02	151.63	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.68	35.34	39.05	38.36	7.13	ppb
Antimony	121-1	3.41	3.60	3.84	3.62	6.01	ppb
Arsenic	75-2	1.87	1.75	1.49	1.70	11.47	ppb
Barium	135-1	17.29	18.19	19.25	18.24	5.37	ppb
Barium	137-1	17.29	18.31	18.16	17.92	3.07	ppb
Beryllium	9-1	1.67	1.79	1.78	1.74	3.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	35.10	43.12	48.63	42.28	16.10	ppb
Boron	10-1	34.47	45.03	47.00	42.17	15.97	ppb
Bromine	81-1						cps
Cadmium	106-1	0.16	2.90	2.01	1.69	82.77	ppb
Cadmium	108-1	1.66	2.03	1.77	1.82	10.31	ppb
Cadmium	111-1	1.95	2.06	1.99	2.00	2.92	ppb
Calcium	43-1	833.15	860.99	892.37	862.17	3.44	ppb
Calcium	44-1	928.83	977.50	1023.12	976.49	4.83	ppb
Chromium	52-2	3.55	3.74	3.66	3.65	2.70	ppb
Cobalt	59-2	1.95	1.80	1.82	1.86	4.30	ppb
Copper	63-2	4.07	4.03	4.04	4.04	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	533.41	529.52	538.32	533.75	0.83	ppb
Iron	56-2	535.14	524.68	523.86	527.89	1.19	ppb
Iron	57-2	508.80	518.09	549.15	525.35	4.02	ppb
Krypton	83-1						cps
Lead	207-1	1.87	1.77	1.90	1.84	3.69	ppb
Lead	208-1	1.79	1.80	1.89	1.83	3.06	ppb
Lead	206-1	1.82	1.94	2.01	1.92	4.82	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	960.77	972.37	940.53	957.89	1.68	ppb
Manganese	55-2	1.91	1.75	1.87	1.84	4.42	ppb
Molybdenum	94-1	8.69	8.74	9.48	8.97	4.95	ppb
Molybdenum	95-1	8.84	8.69	9.33	8.95	3.73	ppb
Molybdenum	96-1	8.47	8.82	9.42	8.90	5.41	ppb
Molybdenum	97-1	9.04	8.39	9.76	9.06	7.55	ppb
Molybdenum	98-1	8.27	8.95	9.44	8.88	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.81	1.89	1.91	6.23	ppb
Phosphorus	31-2	-37.57	-60.98	-50.33	-49.63		ppb
Potassium	39-2	959.83	932.07	932.54	941.48	1.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	9.47	8.04	7.89	8.46	10.29	ppb
Selenium	78-2	9.65	9.43	6.96	8.68	17.17	ppb
Selenium	82-1	9.68	9.05	10.30	9.68	6.45	ppb
Silicon	28-1	-34.35	-22.24	-5.28	-20.62		ppb
Silver	109-1	1.70	1.75	1.90	1.79	5.87	ppb
Silver	107-1	1.78	1.96	1.85	1.87	4.96	ppb
Sodium	23-2	1025.21	1012.58	985.81	1007.87	2.00	ppb
Strontium	86-1	1.48	1.58	1.83	1.63	11.13	ppb
Strontium	88-1	1.79	1.79	1.84	1.80	1.74	ppb
Sulfur	34-1	-3809.11	-2929.62	-1287.91	-2675.55		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	1.81	1.69	1.73	1.74	3.53	ppb
Thallium	205-1	1.71	1.71	1.80	1.74	3.07	ppb
Tin	118-1	8.46	9.16	9.16	8.93	4.53	ppb
Titanium	47-1	8.97	7.96	9.38	8.77	8.31	ppb
Uranium	238-1	1.59	1.70	1.76	1.68	5.40	ppb
Vanadium	51-2	8.86	9.05	9.05	8.99	1.20	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	3.60	4.19	4.50	4.10	11.19	ppb
Zirconium	90-1	1.76	1.84	1.86	1.82	2.82	ppb
Zirconium	91-1	1.68	1.85	1.84	1.79	5.27	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.91	-0.16	-1.60	-1.56		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.04	ppb
Arsenic	75-2	-0.07	-0.01	-0.01	-0.03		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.02	0.01	0.01	125.66	ppb
Beryllium	9-1	0.00	0.03	0.02	0.01	108.92	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	8.90	7.83	7.68	8.13	8.17	ppb
Boron	10-1	7.90	7.24	7.51	7.55	4.43	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.14	-1.04	-0.63	-1.27		ppb
Cadmium	108-1	-0.14	-0.08	-0.08	-0.10		ppb
Cadmium	111-1	-0.14	-0.07	-0.05	-0.09		ppb
Calcium	43-1	-11.37	-8.57	-20.85	-13.60		ppb
Calcium	44-1	25.09	31.89	19.99	25.66	23.27	ppb
Chromium	52-2	0.02	0.02	0.08	0.04	75.81	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	460.47	ppb
Copper	63-2	0.14	0.14	0.11	0.13	10.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	1.59	-0.13	3.03	1.50	105.70	ppb
Iron	56-2	0.28	0.15	0.15	0.19	38.86	ppb
Iron	57-2	-4.37	-1.41	-0.48	-2.08		ppb
Krypton	83-1						cps
Lead	207-1	0.28	0.22	0.22	0.24	14.47	ppb
Lead	208-1	0.22	0.23	0.20	0.22	9.15	ppb
Lead	206-1	0.17	0.23	0.20	0.20	13.32	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	0.01	-0.07	0.39	0.11	226.13	ppb
Manganese	55-2	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.05	0.05	0.01	0.03	62.65	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	34.76	ppb
Molybdenum	96-1	0.04	-0.01	0.00	0.01	345.19	ppb
Molybdenum	97-1	0.03	0.03	0.00	0.02	90.37	ppb
Molybdenum	98-1	0.04	0.01	0.01	0.02	108.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.10	-0.03	-0.06		ppb
Phosphorus	31-2	-45.20	-57.71	-16.35	-39.75		ppb
Potassium	39-2	11.55	15.02	19.59	15.39	26.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.37	1.69	0.42	0.83	90.36	ppb
Selenium	78-2	-1.34	0.31	0.59	-0.14		ppb
Selenium	82-1	-0.59	0.70	-0.95	-0.28		ppb
Silicon	28-1	-41.76	-35.68	-39.48	-38.97		ppb
Silver	109-1	0.00	0.01	0.00	0.00	182.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.74	ppb
Sodium	23-2	57.11	60.74	61.30	59.72	3.81	ppb
Strontium	86-1	-0.07	0.09	-0.03	0.00	146974.35	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2604.42	-1811.61	-2359.77	-2258.60		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.00	0.01	138.65	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	37.47	ppb
Tin	118-1	-0.18	-0.17	-0.22	-0.19		ppb
Titanium	47-1	0.03	0.09	-0.08	0.02	572.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	205.65	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	0.04	0.30	0.04	0.13	119.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.30	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.10	33.17	41.35	36.88	11.24	ppb
Antimony	121-1	3.52	4.03	3.67	3.74	6.98	ppb
Arsenic	75-2	1.73	1.95	1.70	1.79	7.46	ppb
Barium	135-1	18.17	20.96	18.38	19.17	8.11	ppb
Barium	137-1	18.99	21.72	17.88	19.53	10.12	ppb
Beryllium	9-1	1.88	2.06	1.98	1.97	4.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				107		%
Boron	11-1	38.30	48.73	46.91	44.65	12.48	ppb
Boron	10-1	37.57	49.46	45.50	44.18	13.70	ppb
Bromine	81-1						cps
Cadmium	106-1	2.23	-0.27	0.97	0.97	128.43	ppb
Cadmium	108-1	1.49	2.90	1.90	2.10	34.61	ppb
Cadmium	111-1	2.05	2.19	2.07	2.10	3.65	ppb
Calcium	43-1	919.40	1182.94	884.60	995.65	16.38	ppb
Calcium	44-1	1039.56	1300.86	943.88	1094.77	16.88	ppb
Chromium	52-2	3.68	3.48	3.76	3.64	3.88	ppb
Cobalt	59-2	1.85	1.83	1.83	1.84	0.57	ppb
Copper	63-2	3.94	3.97	3.93	3.95	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				107		%
Iron	54-2	448.57	429.20	437.94	438.57	2.21	ppb
Iron	56-2	438.53	426.21	438.38	434.38	1.63	ppb
Iron	57-2	429.47	434.48	430.93	431.63	0.60	ppb
Krypton	83-1						cps
Lead	207-1	2.06	2.11	1.84	2.00	7.32	ppb
Lead	208-1	1.93	2.07	1.80	1.93	6.98	ppb
Lead	206-1	2.04	2.15	1.82	2.00	8.17	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	968.75	942.20	959.65	956.87	1.41	ppb
Manganese	55-2	2.16	2.15	2.25	2.19	2.62	ppb
Molybdenum	94-1	9.36	10.40	9.04	9.60	7.41	ppb
Molybdenum	95-1	8.77	10.24	8.89	9.30	8.81	ppb
Molybdenum	96-1	8.94	10.23	8.41	9.19	10.16	ppb
Molybdenum	97-1	8.94	10.24	9.07	9.42	7.58	ppb
Molybdenum	98-1	9.00	10.36	8.91	9.42	8.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.82	1.80	1.82	0.99	ppb
Phosphorus	31-2	-38.76	-18.99	-5.03	-20.93		ppb
Potassium	39-2	929.75	885.98	967.51	927.75	4.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	13.30	7.95	4.22	8.49	53.78	ppb
Selenium	78-2	8.79	9.62	8.80	9.07	5.27	ppb
Selenium	82-1	9.14	9.38	9.52	9.35	2.06	ppb
Silicon	28-1	-4.36	47.08	-24.06	6.22	590.66	ppb
Silver	109-1	1.99	2.02	1.96	1.99	1.51	ppb
Silver	107-1	1.80	2.21	1.82	1.95	11.97	ppb
Sodium	23-2	986.35	979.42	969.55	978.44	0.86	ppb
Strontium	86-1	1.68	2.09	1.76	1.84	11.66	ppb
Strontium	88-1	1.83	2.12	1.83	1.93	8.44	ppb
Sulfur	34-1	-704.04	3977.68	-2320.64	317.67	1029.73	ppb
Terbium	159-1				98		%
Terbium	159-2				108		%
Thallium	203-1	1.90	2.06	1.75	1.90	8.12	ppb
Thallium	205-1	1.83	1.99	1.79	1.87	5.78	ppb
Tin	118-1	9.30	10.32	9.11	9.58	6.81	ppb
Titanium	47-1	9.11	11.86	9.09	10.02	15.91	ppb
Uranium	238-1	1.72	1.92	1.79	1.81	5.45	ppb
Vanadium	51-2	9.02	9.10	9.17	9.10	0.79	ppb
Yttrium	89-1				98		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4.14	4.54	4.26	4.32	4.72	ppb
Zirconium	90-1	1.85	1.98	1.87	1.90	3.68	ppb
Zirconium	91-1	1.73	2.20	1.76	1.90	13.67	ppb

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : PB131015BL Instrumnet Name : P8
 Client Sample ID : PBW015 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 16:14:03 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.09	-1.18	-0.47		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	55.66	ppb
Arsenic	75-2	-0.01	-0.03	0.00	-0.01		ppb
Barium	135-1	-0.01	0.02	0.00	0.00	1493.35	ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	80.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	7.49	7.07	6.03	6.86	10.95	ppb
Boron	10-1	6.93	8.39	5.68	7.00	19.38	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.69	-3.26	-1.32	-2.42		ppb
Cadmium	108-1	-0.26	-0.15	-0.21	-0.21		ppb
Cadmium	111-1	-0.17	-0.23	-0.08	-0.16		ppb
Calcium	43-1	-13.16	-20.12	-13.24	-15.51		ppb
Calcium	44-1	25.01	-34.33	-32.24	-13.85		ppb
Chromium	52-2	0.10	0.05	-0.04	0.03	210.94	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.07	0.08	0.08	9.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	1.32	3.07	1.22	1.87	55.55	ppb
Iron	56-2	0.52	0.69	0.21	0.48	50.95	ppb
Iron	57-2	-2.67	-3.16	-2.87	-2.90		ppb
Krypton	83-1						cps
Lead	207-1	0.19	0.19	0.19	0.19	2.01	ppb
Lead	208-1	0.19	0.19	0.20	0.20	2.63	ppb
Lead	206-1	0.20	0.18	0.26	0.21	20.61	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BL	Instrumnet Name :	P8
Client Sample ID :	PBW015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:14:03	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.26	1.49	1.00	1.58	40.43	ppb
Manganese	55-2	0.09	0.01	0.03	0.04	96.24	ppb
Molybdenum	94-1	-0.03	0.04	0.01	0.01	370.04	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.01	-0.01	0.00	299.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-21.20	-36.56	-65.03	-40.93		ppb
Potassium	39-2	-0.03	24.79	2.50	9.09	150.27	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	0.37	4.47	-0.92	1.31	214.91	ppb
Selenium	78-2	-0.21	1.11	-0.54	0.12	704.84	ppb
Selenium	82-1	-0.19	-0.76	-0.59	-0.51		ppb
Silicon	28-1	-29.38	-58.06	-59.28	-48.91		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	469.41	ppb
Sodium	23-2	30.47	50.65	17.72	32.95	50.40	ppb
Strontium	86-1	0.22	-0.07	-0.04	0.03	458.95	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1278.31	-3877.05	-3507.90	-2887.75		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.02	0.01	56.22	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	73.13	ppb
Tin	118-1	-0.24	-0.18	-0.17	-0.20		ppb
Titanium	47-1	0.00	-0.11	-0.21	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	-0.01	0.02	0.01	126.33	ppb
Yttrium	89-1				108		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BL	Instrumnet Name :	P8
Client Sample ID :	PBW015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:14:03	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	0.62	0.60	0.85	0.69	20.02	ppb
Zirconium	90-1	0.01	0.02	-0.01	0.01	228.36	ppb
Zirconium	91-1	0.02	0.04	0.00	0.02	88.65	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BS	Instrumnet Name :	P8
Client Sample ID :	LCS015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:16:53	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.50	39.13	37.97	38.87	2.06	ppb
Antimony	121-1	3.81	3.47	3.59	3.62	4.77	ppb
Arsenic	75-2	1.77	1.70	1.67	1.71	3.25	ppb
Barium	135-1	19.51	18.07	18.76	18.78	3.83	ppb
Barium	137-1	19.21	18.53	18.50	18.75	2.14	ppb
Beryllium	9-1	1.95	1.81	1.92	1.89	3.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	11-1	38.98	42.00	46.25	42.41	8.62	ppb
Boron	10-1	39.35	42.55	45.10	42.34	6.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.53	-0.44	1.70	0.24	520.61	ppb
Cadmium	108-1	1.44	1.75	1.24	1.47	17.38	ppb
Cadmium	111-1	2.17	1.68	2.23	2.03	14.86	ppb
Calcium	43-1	1022.63	936.07	916.42	958.37	5.90	ppb
Calcium	44-1	1119.42	959.68	1013.30	1030.80	7.89	ppb
Chromium	52-2	3.62	3.78	3.91	3.77	3.81	ppb
Cobalt	59-2	1.79	1.79	1.82	1.80	0.91	ppb
Copper	63-2	3.85	4.05	4.21	4.04	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	423.82	444.04	452.45	440.10	3.34	ppb
Iron	56-2	431.87	449.64	444.20	441.90	2.06	ppb
Iron	57-2	440.50	437.44	454.36	444.10	2.03	ppb
Krypton	83-1						cps
Lead	207-1	2.02	1.83	1.79	1.88	6.58	ppb
Lead	208-1	1.92	1.82	1.81	1.85	3.19	ppb
Lead	206-1	1.88	1.95	1.96	1.93	2.34	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BS	Instrumnet Name :	P8
Client Sample ID :	LCS015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:16:53	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	967.98	973.24	952.48	964.57	1.12	ppb
Manganese	55-2	2.37	2.55	2.14	2.35	8.73	ppb
Molybdenum	94-1	9.55	9.41	8.83	9.27	4.11	ppb
Molybdenum	95-1	9.23	9.57	8.74	9.18	4.54	ppb
Molybdenum	96-1	9.28	9.03	9.16	9.15	1.38	ppb
Molybdenum	97-1	9.45	8.89	8.69	9.01	4.41	ppb
Molybdenum	98-1	9.37	8.99	8.52	8.96	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.72	2.08	1.96	10.28	ppb
Phosphorus	31-2	-34.88	-20.87	-58.52	-38.09		ppb
Potassium	39-2	910.41	951.32	945.65	935.79	2.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	13.35	13.38	4.26	10.33	50.91	ppb
Selenium	78-2	10.32	8.53	7.10	8.65	18.67	ppb
Selenium	82-1	9.36	9.69	9.51	9.52	1.72	ppb
Silicon	28-1	19.19	-19.69	-8.94	-3.15		ppb
Silver	109-1	2.00	1.83	1.90	1.91	4.46	ppb
Silver	107-1	1.97	1.75	1.83	1.85	5.97	ppb
Sodium	23-2	998.50	1013.71	1028.10	1013.44	1.46	ppb
Strontium	86-1	1.89	1.61	1.65	1.72	8.87	ppb
Strontium	88-1	1.91	1.81	1.81	1.84	2.95	ppb
Sulfur	34-1	1865.08	-2155.86	-1033.94	-441.57		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	1.85	1.86	1.63	1.78	7.20	ppb
Thallium	205-1	1.95	1.81	1.68	1.81	7.53	ppb
Tin	118-1	9.78	8.97	8.94	9.23	5.16	ppb
Titanium	47-1	11.06	9.38	9.80	10.08	8.64	ppb
Uranium	238-1	1.75	1.69	1.63	1.69	3.63	ppb
Vanadium	51-2	9.30	9.32	8.94	9.19	2.30	ppb
Yttrium	89-1				101		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BS	Instrumnet Name :	P8
Client Sample ID :	LCS015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:16:53	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	4.53	4.38	4.67	4.52	3.23	ppb
Zirconium	90-1	1.83	1.80	1.80	1.81	0.84	ppb
Zirconium	91-1	1.80	1.57	1.83	1.73	8.04	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.65	-1.95	-0.58	-1.40		ppb
Antimony	121-1	0.08	0.07	0.09	0.08	10.36	ppb
Arsenic	75-2	56.00	51.68	51.61	53.10	4.74	ppb
Barium	135-1	51.23	56.67	55.24	54.38	5.19	ppb
Barium	137-1	51.82	56.89	56.64	55.12	5.19	ppb
Beryllium	9-1	0.01	0.04	0.02	0.03	67.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	11-1	1520.99	1782.68	1923.28	1742.31	11.72	ppb
Boron	10-1	1501.28	1789.76	1901.42	1730.82	11.93	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.36	-0.09	0.39	-0.02		ppb
Cadmium	108-1	-0.10	0.21	-0.03	0.03	610.46	ppb
Cadmium	111-1	0.00	-0.03	0.03	0.00	4712.25	ppb
Calcium	43-1	250368.94	282114.54	281511.42	271331.64	6.69	ppb
Calcium	44-1	250975.53	281658.53	279634.06	270756.04	6.34	ppb
Chromium	52-2	0.30	0.20	0.24	0.25	19.97	ppb
Cobalt	59-2	1.15	1.10	1.15	1.13	2.78	ppb
Copper	63-2	0.25	0.24	0.22	0.24	5.38	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				115		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	54-2	4287.77	4066.28	4022.52	4125.53	3.45	ppb
Iron	56-2	4307.93	4008.93	4082.47	4133.11	3.77	ppb
Iron	57-2	4316.02	4077.02	4091.22	4161.42	3.22	ppb
Krypton	83-1						cps
Lead	207-1	0.22	0.22	0.30	0.25	17.15	ppb
Lead	208-1	0.20	0.25	0.26	0.24	14.41	ppb
Lead	206-1	0.19	0.26	0.26	0.24	17.25	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	99822.76	94683.07	93516.53	96007.46	3.49	ppb
Manganese	55-2	2336.32	2210.41	2252.37	2266.37	2.83	ppb
Molybdenum	94-1	4.42	5.00	5.18	4.87	8.16	ppb
Molybdenum	95-1	5.45	6.04	5.72	5.74	5.19	ppb
Molybdenum	96-1	5.25	5.71	5.55	5.50	4.19	ppb
Molybdenum	97-1	5.21	5.71	6.08	5.67	7.77	ppb
Molybdenum	98-1	5.24	6.28	5.74	5.75	8.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	4.94	5.06	5.08	2.86	ppb
Phosphorus	31-2	149.51	121.27	139.40	136.73	10.47	ppb
Potassium	39-2	3389.76	3112.99	3148.75	3217.16	4.68	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				105		%
Selenium	77-2	3.02	1.56	2.75	2.44	31.73	ppb
Selenium	78-2	-0.22	-0.54	-1.15	-0.63		ppb
Selenium	82-1	2.25	2.81	3.55	2.87	22.60	ppb
Silicon	28-1	11637.14	13028.13	12795.36	12486.88	5.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	57.31	ppb
Silver	107-1	0.01	0.02	0.02	0.01	43.30	ppb
Sodium	23-2	464853.99	442423.89	437960.05	448412.64	3.21	ppb
Strontium	86-1	5142.56	5626.71	5639.63	5469.64	5.18	ppb
Strontium	88-1	5264.65	5740.12	5826.50	5610.42	5.39	ppb
Sulfur	34-1	113759.84	130522.47	128434.15	124238.82	7.35	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.04	0.04	0.03	31.35	ppb
Thallium	205-1	0.04	0.06	0.04	0.04	24.60	ppb
Tin	118-1	-0.17	-0.16	-0.20	-0.18		ppb
Titanium	47-1	0.27	0.37	0.41	0.35	19.73	ppb
Uranium	238-1	7.91	8.53	8.38	8.28	3.88	ppb
Vanadium	51-2	0.58	0.59	0.62	0.60	3.23	ppb
Yttrium	89-1				114		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	4.47	3.82	4.40	4.23	8.41	ppb
Zirconium	90-1	0.64	0.63	0.72	0.66	7.71	ppb
Zirconium	91-1	0.56	0.84	0.76	0.72	19.96	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	7.10	0.16	2.83	131.86	ppb
Antimony	121-1	0.06	0.05	0.08	0.06	20.35	ppb
Arsenic	75-2	45.45	49.94	41.76	45.72	8.96	ppb
Barium	135-1	57.53	58.02	57.58	57.71	0.46	ppb
Barium	137-1	57.48	57.59	56.14	57.07	1.42	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	98.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	11-1	1052.96	1130.66	1201.07	1128.23	6.57	ppb
Boron	10-1	1029.33	1098.20	1168.50	1098.68	6.33	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.94	-3.04	-0.39	-1.46		ppb
Cadmium	108-1	0.04	-0.09	0.03	-0.01		ppb
Cadmium	111-1	-0.06	-0.21	-0.03	-0.10		ppb
Calcium	43-1	239587.44	235761.13	237929.46	237759.34	0.81	ppb
Calcium	44-1	237630.78	235075.50	236680.53	236462.27	0.55	ppb
Chromium	52-2	0.29	0.36	0.20	0.29	28.34	ppb
Cobalt	59-2	0.06	0.09	0.04	0.06	32.14	ppb
Copper	63-2	0.27	0.25	0.19	0.24	18.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	6278.14	7036.35	5783.91	6366.13	9.91	ppb
Iron	56-2	6221.65	7004.39	5860.56	6362.20	9.19	ppb
Iron	57-2	6236.70	6960.76	5876.02	6357.82	8.69	ppb
Krypton	83-1						cps
Lead	207-1	0.19	0.27	0.27	0.24	18.21	ppb
Lead	208-1	0.23	0.25	0.28	0.25	9.78	ppb
Lead	206-1	0.24	0.21	0.30	0.25	19.42	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	117033.23	130254.54	109024.52	118770.76	9.03	ppb
Manganese	55-2	739.06	831.02	690.42	753.50	9.48	ppb
Molybdenum	94-1	5.50	5.56	5.24	5.43	3.12	ppb
Molybdenum	95-1	7.16	7.29	7.01	7.15	1.95	ppb
Molybdenum	96-1	6.98	6.93	6.73	6.88	1.94	ppb
Molybdenum	97-1	7.62	6.86	6.96	7.15	5.77	ppb
Molybdenum	98-1	6.91	6.97	6.78	6.89	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.28	1.89	2.11	9.22	ppb
Phosphorus	31-2	48.12	186.73	69.85	101.57	73.40	ppb
Potassium	39-2	2786.06	3157.40	2561.66	2835.04	10.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				98		%
Selenium	77-2	4.36	0.53	0.33	1.74	130.67	ppb
Selenium	78-2	0.16	2.65	-0.62	0.73	233.60	ppb
Selenium	82-1	2.68	3.31	2.85	2.95	11.14	ppb
Silicon	28-1	11853.95	11606.21	11856.33	11772.16	1.22	ppb
Silver	109-1	0.03	0.02	0.01	0.02	57.60	ppb
Silver	107-1	0.01	0.01	0.02	0.02	31.64	ppb
Sodium	23-2	581073.43	657660.83	542991.84	593908.70	9.83	ppb
Strontium	86-1	4227.97	4232.61	4204.44	4221.67	0.36	ppb
Strontium	88-1	4287.91	4293.82	4320.74	4300.83	0.41	ppb
Sulfur	34-1	92959.14	90073.87	92845.83	91959.61	1.78	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.01	0.02	62.06	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	8.97	ppb
Tin	118-1	-0.24	-0.22	-0.24	-0.23		ppb
Titanium	47-1	0.73	0.39	0.42	0.51	36.46	ppb
Uranium	238-1	1.89	1.91	1.95	1.92	1.77	ppb
Vanadium	51-2	0.17	0.24	0.21	0.21	15.02	ppb
Yttrium	89-1				110		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.58	3.77	3.46	3.27	18.91	ppb
Zirconium	90-1	0.33	0.32	0.31	0.32	3.07	ppb
Zirconium	91-1	0.34	0.32	0.28	0.31	8.31	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.50	1.82	1.59	12.42	ppb
Antimony	121-1	0.04	0.04	0.07	0.05	31.08	ppb
Arsenic	75-2	2.22	2.57	2.44	2.41	7.31	ppb
Barium	135-1	25.67	25.59	24.93	25.40	1.59	ppb
Barium	137-1	26.02	25.03	25.38	25.47	1.96	ppb
Beryllium	9-1	0.00	-0.02	0.00	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	1407.15	1534.83	1647.87	1529.95	7.87	ppb
Boron	10-1	1389.10	1509.51	1624.49	1507.70	7.81	ppb
Bromine	81-1						cps
Cadmium	106-1	0.65	-3.58	1.97	-0.32		ppb
Cadmium	108-1	0.04	-0.26	0.21	0.00		ppb
Cadmium	111-1	0.04	-0.23	0.14	-0.02		ppb
Calcium	43-1	391123.86	387478.41	383007.87	387203.38	1.05	ppb
Calcium	44-1	387261.23	390130.94	380061.25	385817.81	1.34	ppb
Chromium	52-2	0.06	0.09	0.13	0.10	37.80	ppb
Cobalt	59-2	5.33	5.15	4.99	5.16	3.24	ppb
Copper	63-2	0.29	0.31	0.25	0.28	9.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	1537.23	1530.54	1533.82	1533.86	0.22	ppb
Iron	56-2	1581.60	1570.32	1534.70	1562.21	1.57	ppb
Iron	57-2	1599.66	1616.37	1578.92	1598.32	1.17	ppb
Krypton	83-1						cps
Lead	207-1	0.24	0.30	0.37	0.30	21.26	ppb
Lead	208-1	0.28	0.31	0.30	0.30	6.61	ppb
Lead	206-1	0.33	0.30	0.25	0.30	13.13	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				125		%
Magnesium	24-2	251771.38	255305.82	245036.80	250704.67	2.08	ppb
Manganese	55-2	5094.84	5211.31	5132.74	5146.30	1.15	ppb
Molybdenum	94-1	4.55	4.42	4.36	4.44	2.22	ppb
Molybdenum	95-1	4.42	4.59	4.63	4.55	2.44	ppb
Molybdenum	96-1	4.55	4.53	4.29	4.46	3.23	ppb
Molybdenum	97-1	4.59	4.63	4.41	4.55	2.58	ppb
Molybdenum	98-1	4.47	4.61	4.32	4.47	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.62	3.88	3.21	3.57	9.48	ppb
Phosphorus	31-2	-23.39	46.38	28.70	17.23	210.52	ppb
Potassium	39-2	1182.51	1212.24	1173.51	1189.42	1.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.40	1.13	-1.02	-0.10		ppb
Selenium	82-1	3.03	4.22	3.18	3.48	18.69	ppb
Silicon	28-1	7651.87	7789.33	7796.86	7746.02	1.05	ppb
Silver	109-1	0.04	0.04	0.03	0.03	7.03	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.93	ppb
Sodium	23-2	567842.47	567932.64	552064.32	562613.14	1.62	ppb
Strontium	86-1	8498.32	8477.14	8446.40	8473.95	0.31	ppb
Strontium	88-1	8650.71	8551.55	8674.71	8625.66	0.76	ppb
Sulfur	34-1	420623.76	426130.84	427534.56	424763.05	0.86	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.03	0.02	0.02	89.95	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.24	ppb
Tin	118-1	-0.21	-0.20	-0.23	-0.21		ppb
Titanium	47-1	0.18	0.48	0.50	0.39	45.93	ppb
Uranium	238-1	9.96	9.99	10.23	10.06	1.46	ppb
Vanadium	51-2	0.18	0.19	0.17	0.18	5.33	ppb
Yttrium	89-1				111		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	3.48	4.09	4.02	3.86	8.64	ppb
Zirconium	90-1	0.96	0.93	0.91	0.94	2.67	ppb
Zirconium	91-1	0.83	0.89	0.84	0.85	3.82	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.91	15.41	12.60	14.64	12.20	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	3.26	ppb
Arsenic	75-2	8.35	7.96	7.85	8.05	3.28	ppb
Barium	135-1	25.34	25.42	22.75	24.50	6.20	ppb
Barium	137-1	25.36	24.86	24.36	24.86	2.02	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	11-1	946.87	1013.21	1031.66	997.25	4.47	ppb
Boron	10-1	933.01	995.91	1016.59	981.84	4.43	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.29	0.03	-1.16	-1.47		ppb
Cadmium	108-1	-0.07	0.11	-0.15	-0.03		ppb
Cadmium	111-1	-0.22	0.02	-0.04	-0.08		ppb
Calcium	43-1	633269.18	595033.46	572525.46	600276.03	5.12	ppb
Calcium	44-1	633603.85	597077.65	575314.89	601998.80	4.89	ppb
Chromium	52-2	0.16	0.16	0.10	0.14	21.21	ppb
Cobalt	59-2	4.37	4.62	4.52	4.50	2.72	ppb
Copper	63-2	0.24	0.33	0.27	0.28	16.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	5234.61	5474.61	5275.09	5328.10	2.41	ppb
Iron	56-2	5322.66	5407.70	5339.56	5356.64	0.84	ppb
Iron	57-2	5350.05	5508.37	5371.42	5409.95	1.59	ppb
Krypton	83-1						cps
Lead	207-1	0.39	0.49	0.37	0.42	15.08	ppb
Lead	208-1	0.39	0.44	0.41	0.41	6.02	ppb
Lead	206-1	0.37	0.43	0.40	0.40	7.76	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	303236.99	313530.53	295453.91	304073.81	2.98	ppb
Manganese	55-2	4321.86	4427.43	4315.44	4354.91	1.44	ppb
Molybdenum	94-1	3.53	3.37	2.90	3.27	10.01	ppb
Molybdenum	95-1	4.00	3.89	3.90	3.93	1.60	ppb
Molybdenum	96-1	3.99	4.28	3.89	4.05	5.06	ppb
Molybdenum	97-1	4.00	3.86	3.37	3.74	8.88	ppb
Molybdenum	98-1	4.11	4.16	4.18	4.15	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.36	3.20	3.39	3.32	3.18	ppb
Phosphorus	31-2	192.05	146.45	89.39	142.63	36.06	ppb
Potassium	39-2	5028.32	5291.41	5008.43	5109.39	3.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.35	0.34	-0.92	-0.08		ppb
Selenium	78-2	0.12	2.29	-1.25	0.39	460.76	ppb
Selenium	82-1	2.56	1.67	4.00	2.74	42.74	ppb
Silicon	28-1	10717.46	10339.20	9739.75	10265.47	4.80	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.16	ppb
Silver	107-1	0.05	0.04	0.05	0.05	7.74	ppb
Sodium	23-2	519694.12	549827.53	514248.51	527923.38	3.63	ppb
Strontium	86-1	9422.48	9219.58	8860.78	9167.61	3.10	ppb
Strontium	88-1	9618.59	9542.17	9078.90	9413.22	3.10	ppb
Sulfur	34-1	686388.48	654938.29	618714.11	653346.96	5.18	ppb
Terbium	159-1				106		%
Terbium	159-2				112		%
Thallium	203-1	0.05	0.03	0.00	0.03	80.81	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	8.20	ppb
Tin	118-1	-0.24	-0.22	-0.18	-0.21		ppb
Titanium	47-1	1.10	0.84	0.71	0.88	22.41	ppb
Uranium	238-1	6.61	6.31	6.08	6.33	4.21	ppb
Vanadium	51-2	0.19	0.22	0.19	0.20	10.18	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	11.74	12.82	11.91	12.16	4.78	ppb
Zirconium	90-1	0.34	0.32	0.30	0.32	7.13	ppb
Zirconium	91-1	0.34	0.22	0.34	0.30	22.10	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.74	13.32	12.17	11.74	15.56	ppb
Antimony	121-1	0.07	0.06	0.08	0.07	8.25	ppb
Arsenic	75-2	8.07	8.32	8.07	8.15	1.80	ppb
Barium	135-1	22.30	22.95	24.17	23.14	4.10	ppb
Barium	137-1	23.09	23.16	22.55	22.93	1.46	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	851.54	927.35	999.37	926.08	7.98	ppb
Boron	10-1	829.93	913.24	995.04	912.74	9.04	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.69	-2.52	1.49	-1.57		ppb
Cadmium	108-1	-0.21	-0.21	-0.09	-0.17		ppb
Cadmium	111-1	-0.24	-0.17	0.12	-0.10		ppb
Calcium	43-1	560199.52	565382.50	561347.66	562309.89	0.48	ppb
Calcium	44-1	557264.29	559512.91	567609.72	561462.31	0.97	ppb
Chromium	52-2	0.15	0.14	0.08	0.12	27.92	ppb
Cobalt	59-2	4.40	4.42	4.43	4.42	0.40	ppb
Copper	63-2	0.21	0.28	0.28	0.25	14.31	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				112		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	54-2	5149.32	5294.92	5229.19	5224.48	1.40	ppb
Iron	56-2	5181.69	5293.08	5217.26	5230.67	1.09	ppb
Iron	57-2	5223.60	5272.68	5383.62	5293.30	1.55	ppb
Krypton	83-1						cps
Lead	207-1	0.38	0.35	0.48	0.40	16.41	ppb
Lead	208-1	0.35	0.39	0.45	0.40	13.69	ppb
Lead	206-1	0.37	0.42	0.47	0.42	12.58	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	292793.29	305068.41	300640.61	299500.77	2.08	ppb
Manganese	55-2	4166.95	4296.80	4248.94	4237.56	1.55	ppb
Molybdenum	94-1	2.98	3.33	2.82	3.04	8.49	ppb
Molybdenum	95-1	3.74	3.68	3.83	3.75	2.00	ppb
Molybdenum	96-1	3.51	3.68	3.69	3.63	2.67	ppb
Molybdenum	97-1	3.38	3.66	3.97	3.67	8.05	ppb
Molybdenum	98-1	3.62	3.58	3.57	3.59	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.24	3.44	3.16	3.28	4.40	ppb
Phosphorus	31-2	118.05	188.10	138.13	148.10	24.36	ppb
Potassium	39-2	4937.08	4999.17	4949.30	4961.85	0.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	2.85	-0.92	1.58	1.17	163.47	ppb
Selenium	78-2	0.31	-0.42	0.38	0.09	477.91	ppb
Selenium	82-1	1.83	3.19	3.43	2.82	30.65	ppb
Silicon	28-1	9468.97	9403.66	9470.11	9447.58	0.40	ppb
Silver	109-1	0.04	0.05	0.06	0.05	17.34	ppb
Silver	107-1	0.08	0.07	0.05	0.06	25.89	ppb
Sodium	23-2	502361.92	519555.43	519547.33	513821.56	1.93	ppb
Strontium	86-1	8314.09	8538.40	8724.23	8525.57	2.41	ppb
Strontium	88-1	8503.73	8682.66	8779.37	8655.25	1.62	ppb
Sulfur	34-1	608063.58	604302.97	617178.28	609848.28	1.09	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.03	0.04	0.03	17.99	ppb
Thallium	205-1	0.04	0.03	0.05	0.04	23.51	ppb
Tin	118-1	-0.25	-0.22	-0.26	-0.24		ppb
Titanium	47-1	0.94	0.84	0.81	0.86	7.90	ppb
Uranium	238-1	5.93	6.11	5.91	5.98	1.91	ppb
Vanadium	51-2	0.16	0.19	0.16	0.17	9.74	ppb
Yttrium	89-1				111		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	12.09	12.13	13.11	12.44	4.66	ppb
Zirconium	90-1	0.28	0.26	0.33	0.29	11.99	ppb
Zirconium	91-1	0.29	0.23	0.28	0.27	12.74	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	-0.04	3.39	2.57	89.87	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	27.19	ppb
Arsenic	75-2	1.64	1.81	1.54	1.66	8.02	ppb
Barium	135-1	5.13	4.80	4.76	4.90	4.09	ppb
Barium	137-1	4.90	4.67	4.74	4.77	2.40	ppb
Beryllium	9-1	-0.02	-0.03	0.03	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	275.40	291.88	295.29	287.52	3.70	ppb
Boron	10-1	277.11	284.65	289.04	283.60	2.13	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.10	-1.92	-1.09	-1.70		ppb
Cadmium	108-1	-0.08	-0.14	-0.21	-0.14		ppb
Cadmium	111-1	-0.14	-0.11	-0.06	-0.10		ppb
Calcium	43-1	114738.52	117829.66	115606.54	116058.24	1.37	ppb
Calcium	44-1	114409.88	116649.08	115854.20	115637.72	0.98	ppb
Chromium	52-2	0.01	0.06	0.16	0.08	99.35	ppb
Cobalt	59-2	0.83	0.89	0.87	0.86	3.93	ppb
Copper	63-2	0.19	0.22	0.24	0.22	9.95	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				106		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	1067.14	1062.93	1063.64	1064.57	0.21	ppb
Iron	56-2	1076.28	1063.53	1056.23	1065.34	0.95	ppb
Iron	57-2	1100.18	1107.26	1084.12	1097.19	1.08	ppb
Krypton	83-1						cps
Lead	207-1	0.34	0.30	0.30	0.32	7.06	ppb
Lead	208-1	0.34	0.32	0.34	0.33	2.85	ppb
Lead	206-1	0.32	0.36	0.34	0.34	5.99	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	62607.06	60613.31	61534.14	61584.84	1.62	ppb
Manganese	55-2	876.98	859.78	845.07	860.61	1.86	ppb
Molybdenum	94-1	0.66	0.78	0.60	0.68	13.25	ppb
Molybdenum	95-1	0.74	0.82	0.92	0.83	10.62	ppb
Molybdenum	96-1	0.63	0.64	0.84	0.71	16.42	ppb
Molybdenum	97-1	0.96	0.83	0.83	0.87	8.96	ppb
Molybdenum	98-1	0.88	0.70	0.82	0.80	11.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.79	0.66	0.69	13.54	ppb
Phosphorus	31-2	-8.60	-27.68	5.83	-10.15		ppb
Potassium	39-2	1061.57	1044.49	1039.53	1048.53	1.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	0.49	-1.76	-0.80	-0.69		ppb
Selenium	82-1	0.08	1.61	0.24	0.64	130.40	ppb
Silicon	28-1	1849.47	1913.16	1796.90	1853.18	3.14	ppb
Silver	109-1	0.04	0.06	0.05	0.05	18.98	ppb
Silver	107-1	0.07	0.07	0.05	0.06	21.11	ppb
Sodium	23-2	107841.51	105783.52	106704.31	106776.45	0.97	ppb
Strontium	86-1	1761.89	1780.44	1752.77	1765.03	0.80	ppb
Strontium	88-1	1790.90	1763.89	1774.52	1776.44	0.77	ppb
Sulfur	34-1	125295.05	129569.77	120155.79	125006.87	3.77	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.00	0.00	231.61	ppb
Thallium	205-1	0.01	0.01	0.04	0.02	68.86	ppb
Tin	118-1	-0.19	-0.23	-0.19	-0.20		ppb
Titanium	47-1	0.07	0.38	0.20	0.22	70.76	ppb
Uranium	238-1	1.11	1.19	1.16	1.15	3.35	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	30.57	ppb
Yttrium	89-1				108		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	5.00	3.99	3.80	4.26	15.20	ppb
Zirconium	90-1	0.05	0.05	0.10	0.07	45.37	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	2.49	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49735.81	50285.10	58792.47	52937.79	9.59	ppb
Antimony	121-1	440.45	469.97	467.94	459.45	3.59	ppb
Arsenic	75-2	478.18	479.04	584.10	513.77	11.85	ppb
Barium	135-1	2198.26	2405.94	2377.70	2327.30	4.84	ppb
Barium	137-1	2222.44	2331.43	2315.28	2289.72	2.57	ppb
Beryllium	9-1	443.56	464.57	478.21	462.11	3.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	470.04	530.32	562.01	520.79	8.97	ppb
Boron	10-1	477.19	529.38	583.77	530.11	10.05	ppb
Bromine	81-1						cps
Cadmium	106-1	440.24	485.63	471.93	465.93	5.00	ppb
Cadmium	108-1	433.23	471.56	481.65	462.15	5.53	ppb
Cadmium	111-1	426.99	465.01	455.51	449.17	4.41	ppb
Calcium	43-1	224032.08	233177.83	234859.51	230689.81	2.53	ppb
Calcium	44-1	218874.51	235138.22	235022.30	229678.34	4.07	ppb
Chromium	52-2	486.52	487.31	591.98	521.93	11.62	ppb
Cobalt	59-2	487.36	488.62	593.20	523.06	11.61	ppb
Copper	63-2	4828.75	4822.52	5940.48	5197.25	12.38	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				112		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	120706.13	122344.68	149288.05	130779.62	12.27	ppb
Iron	56-2	122221.77	123339.25	147968.83	131176.62	11.09	ppb
Iron	57-2	124278.22	125643.25	147914.83	132612.10	10.01	ppb
Krypton	83-1						cps
Lead	207-1	2167.15	2406.31	2345.42	2306.29	5.39	ppb
Lead	208-1	2175.92	2374.06	2324.16	2291.38	4.50	ppb
Lead	206-1	2202.63	2378.77	2334.99	2305.46	3.98	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	240251.92	241896.68	282623.53	254924.04	9.42	ppb
Manganese	55-2	4828.78	4868.00	6031.79	5242.86	13.04	ppb
Molybdenum	94-1	2220.47	2432.69	2367.03	2340.06	4.64	ppb
Molybdenum	95-1	2162.91	2447.23	2377.45	2329.20	6.36	ppb
Molybdenum	96-1	2187.12	2412.61	2383.03	2327.59	5.26	ppb
Molybdenum	97-1	2242.57	2425.91	2390.71	2353.06	4.13	ppb
Molybdenum	98-1	2191.12	2410.35	2365.12	2322.20	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.40	486.57	589.83	518.27	11.98	ppb
Phosphorus	31-2	9357.90	9227.69	11153.94	9913.18	10.86	ppb
Potassium	39-2	121147.36	122532.21	147798.78	130492.78	11.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	434.74	473.55	601.67	503.32	17.36	ppb
Selenium	78-2	460.29	488.23	567.66	505.39	11.02	ppb
Selenium	82-1	421.38	466.18	460.71	449.42	5.44	ppb
Silicon	28-1	400.28	469.37	495.11	454.92	10.78	ppb
Silver	109-1	431.34	486.19	464.63	460.72	6.00	ppb
Silver	107-1	434.87	466.05	480.21	460.37	5.04	ppb
Sodium	23-2	240187.29	240430.58	288182.19	256266.69	10.79	ppb
Strontium	86-1	428.67	473.51	469.42	457.20	5.42	ppb
Strontium	88-1	438.59	481.25	472.10	463.98	4.84	ppb
Sulfur	34-1	6057.43	6581.08	7480.02	6706.18	10.73	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	440.23	478.76	474.42	464.47	4.54	ppb
Thallium	205-1	440.36	476.12	472.09	462.86	4.23	ppb
Tin	118-1	435.11	468.46	475.33	459.63	4.68	ppb
Titanium	47-1	2195.94	2378.85	2381.24	2318.67	4.58	ppb
Uranium	238-1	447.40	485.67	482.35	471.81	4.49	ppb
Vanadium	51-2	491.69	498.38	603.08	531.05	11.76	ppb
Yttrium	89-1				111		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4818.79	4868.39	5871.62	5186.27	11.45	ppb
Zirconium	90-1	433.97	484.91	472.96	463.95	5.74	ppb
Zirconium	91-1	434.21	486.13	472.62	464.32	5.80	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.52	15.41	21.50	19.48	18.09	ppb
Antimony	121-1	1.77	1.99	1.81	1.86	6.38	ppb
Arsenic	75-2	1.01	0.91	1.00	0.97	5.58	ppb
Barium	135-1	8.41	9.29	9.95	9.22	8.41	ppb
Barium	137-1	8.89	9.83	9.02	9.24	5.51	ppb
Beryllium	9-1	0.91	1.11	0.97	1.00	10.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	64.62	69.83	70.45	68.30	4.68	ppb
Boron	10-1	63.34	66.36	68.98	66.23	4.27	ppb
Bromine	81-1						cps
Cadmium	106-1	0.39	-0.69	-2.41	-0.90		ppb
Cadmium	108-1	1.02	1.05	0.85	0.97	11.50	ppb
Cadmium	111-1	1.10	0.89	0.84	0.94	14.39	ppb
Calcium	43-1	493.53	449.44	402.13	448.37	10.19	ppb
Calcium	44-1	600.26	613.77	612.02	608.68	1.21	ppb
Chromium	52-2	1.94	1.90	1.77	1.87	4.83	ppb
Cobalt	59-2	0.97	0.88	0.95	0.93	5.12	ppb
Copper	63-2	2.26	2.15	2.26	2.23	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	52.14	55.02	46.38	51.18	8.60	ppb
Iron	56-2	49.74	48.13	48.26	48.71	1.84	ppb
Iron	57-2	45.84	41.18	43.65	43.56	5.34	ppb
Krypton	83-1						cps
Lead	207-1	1.13	1.27	1.20	1.20	5.96	ppb
Lead	208-1	1.19	1.21	1.20	1.20	1.04	ppb
Lead	206-1	1.24	1.20	1.26	1.24	2.34	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				91		%
Magnesium	24-2	484.99	474.80	477.63	479.14	1.10	ppb
Manganese	55-2	0.80	0.89	1.01	0.90	11.32	ppb
Molybdenum	94-1	4.60	4.62	4.69	4.64	1.03	ppb
Molybdenum	95-1	4.66	4.36	4.34	4.45	4.00	ppb
Molybdenum	96-1	4.60	4.51	4.51	4.54	1.08	ppb
Molybdenum	97-1	4.43	4.21	4.40	4.35	2.79	ppb
Molybdenum	98-1	4.39	4.75	4.60	4.58	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.90	1.02	0.99	7.93	ppb
Phosphorus	31-2	-57.59	-28.52	-54.69	-46.93		ppb
Potassium	39-2	515.37	501.29	513.25	509.97	1.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	5.66	2.95	0.38	3.00	88.01	ppb
Selenium	78-2	6.26	5.00	4.30	5.19	19.13	ppb
Selenium	82-1	3.30	3.71	4.83	3.95	20.05	ppb
Silicon	28-1	-57.70	-54.60	-48.84	-53.71		ppb
Silver	109-1	0.94	0.99	0.94	0.95	2.87	ppb
Silver	107-1	0.88	0.97	0.99	0.95	6.39	ppb
Sodium	23-2	764.03	732.98	733.95	743.65	2.37	ppb
Strontium	86-1	0.97	0.87	0.82	0.89	8.63	ppb
Strontium	88-1	0.94	0.88	0.92	0.91	3.01	ppb
Sulfur	34-1	-2952.11	-2842.38	-2661.48	-2818.66		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.94	0.99	1.03	0.99	4.46	ppb
Thallium	205-1	0.95	0.98	0.89	0.94	4.60	ppb
Tin	118-1	4.25	4.44	4.47	4.38	2.72	ppb
Titanium	47-1	4.91	4.69	4.49	4.70	4.45	ppb
Uranium	238-1	0.86	0.82	0.79	0.82	4.75	ppb
Vanadium	51-2	4.55	4.58	4.49	4.54	0.95	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	3.02	2.54	2.86	2.81	8.67	ppb
Zirconium	90-1	0.90	0.89	0.96	0.91	4.10	ppb
Zirconium	91-1	0.94	0.82	1.02	0.93	10.96	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:46:36	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.47	-1.41	0.08	-1.27		ppb
Antimony	121-1	0.03	0.02	0.01	0.02	56.22	ppb
Arsenic	75-2	-0.03	-0.04	-0.06	-0.04		ppb
Barium	135-1	0.02	0.00	0.00	0.01	224.93	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	36.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	11-1	36.52	36.61	37.17	36.77	0.96	ppb
Boron	10-1	37.29	35.65	37.62	36.86	2.86	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.53	-0.90	-0.71	-0.72		ppb
Cadmium	108-1	-0.14	0.11	-0.08	-0.04		ppb
Cadmium	111-1	-0.01	-0.07	-0.04	-0.04		ppb
Calcium	43-1	-15.23	-7.93	-27.16	-16.77		ppb
Calcium	44-1	89.37	67.21	65.90	74.16	17.78	ppb
Chromium	52-2	0.01	0.06	0.15	0.07	98.99	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.11	0.11	0.11	0.11	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	0.85	0.28	3.34	1.49	109.27	ppb
Iron	56-2	0.22	0.18	0.01	0.14	82.82	ppb
Iron	57-2	-3.65	-5.03	-2.94	-3.87		ppb
Krypton	83-1						cps
Lead	207-1	0.31	0.26	0.35	0.31	14.52	ppb
Lead	208-1	0.32	0.28	0.32	0.31	6.63	ppb
Lead	206-1	0.31	0.27	0.29	0.29	7.28	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:46:36	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	0.27	2.84	2.44	1.85	74.69	ppb
Manganese	55-2	0.40	0.38	0.44	0.41	8.29	ppb
Molybdenum	94-1	0.03	0.00	0.02	0.02	75.06	ppb
Molybdenum	95-1	0.05	0.02	0.01	0.02	75.25	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	24.31	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	62.55	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	25.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.09	-0.04		ppb
Phosphorus	31-2	-5.22	-70.94	-51.82	-42.66		ppb
Potassium	39-2	3.71	23.19	19.11	15.34	66.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.33	-0.92	0.36	-0.07		ppb
Selenium	78-2	-2.25	-1.23	-0.60	-1.36		ppb
Selenium	82-1	-0.26	0.16	-1.21	-0.44		ppb
Silicon	28-1	-69.02	-68.63	-70.57	-69.41		ppb
Silver	109-1	0.01	0.01	0.00	0.01	48.45	ppb
Silver	107-1	0.00	0.02	0.00	0.01	100.85	ppb
Sodium	23-2	183.32	200.06	214.58	199.32	7.85	ppb
Strontium	86-1	0.00	-0.03	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	106.15	ppb
Sulfur	34-1	-2925.03	-2970.40	-3217.97	-3037.80		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.02	0.03	0.03	28.92	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.99	ppb
Tin	118-1	-0.12	-0.14	-0.12	-0.13		ppb
Titanium	47-1	-0.34	-0.37	-0.16	-0.29		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	56.45	ppb
Yttrium	89-1				106		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:46:36	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	0.64	0.52	0.60	0.59	10.59	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	94.88	ppb
Zirconium	91-1	0.00	0.02	-0.01	0.01	261.57	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.27	13.82	16.68	14.92	10.30	ppb
Antimony	121-1	2.02	1.95	1.84	1.94	4.80	ppb
Arsenic	75-2	0.77	0.67	0.72	0.72	7.05	ppb
Barium	135-1	10.04	8.77	9.30	9.37	6.76	ppb
Barium	137-1	9.38	9.15	9.32	9.28	1.30	ppb
Beryllium	9-1	0.95	1.07	0.96	1.00	6.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				109		%
Boron	11-1	46.19	47.96	49.43	47.86	3.39	ppb
Boron	10-1	46.65	46.37	49.38	47.47	3.49	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.71	0.00	0.39	-0.77		ppb
Cadmium	108-1	1.35	0.43	1.18	0.99	49.87	ppb
Cadmium	111-1	0.87	1.14	1.03	1.01	13.12	ppb
Calcium	43-1	456.62	449.71	449.36	451.89	0.91	ppb
Calcium	44-1	594.44	528.93	514.00	545.79	7.84	ppb
Chromium	52-2	2.10	1.42	1.99	1.84	19.75	ppb
Cobalt	59-2	0.99	0.79	0.99	0.92	12.06	ppb
Copper	63-2	2.27	1.98	2.26	2.17	7.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	58.68	41.79	54.57	51.68	17.05	ppb
Iron	56-2	50.73	43.24	49.23	47.73	8.31	ppb
Iron	57-2	53.21	38.37	44.01	45.19	16.59	ppb
Krypton	83-1						cps
Lead	207-1	1.31	1.13	1.07	1.17	10.73	ppb
Lead	208-1	1.17	1.06	1.02	1.09	7.10	ppb
Lead	206-1	1.10	1.08	1.07	1.08	1.63	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				88		%
Magnesium	24-2	499.28	420.19	473.68	464.38	8.69	ppb
Manganese	55-2	0.95	0.78	1.11	0.94	17.49	ppb
Molybdenum	94-1	4.65	4.68	4.64	4.66	0.39	ppb
Molybdenum	95-1	4.79	4.45	4.69	4.64	3.72	ppb
Molybdenum	96-1	4.73	4.32	4.50	4.52	4.59	ppb
Molybdenum	97-1	4.69	4.99	4.50	4.72	5.29	ppb
Molybdenum	98-1	4.79	4.49	4.55	4.61	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.89	0.85	0.89	4.77	ppb
Phosphorus	31-2	-43.29	-57.27	-12.18	-37.58		ppb
Potassium	39-2	532.99	381.35	481.29	465.21	16.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				109		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	7.18	6.06	4.30	5.85	24.80	ppb
Selenium	78-2	2.67	4.87	5.94	4.49	37.18	ppb
Selenium	82-1	3.68	4.25	3.22	3.71	13.91	ppb
Silicon	28-1	-24.88	-48.13	-52.64	-41.88		ppb
Silver	109-1	1.06	1.02	0.93	1.00	6.81	ppb
Silver	107-1	0.93	0.94	0.97	0.95	2.33	ppb
Sodium	23-2	698.75	558.06	671.00	642.60	11.60	ppb
Strontium	86-1	0.95	0.87	0.92	0.91	4.35	ppb
Strontium	88-1	0.99	0.97	0.93	0.96	3.12	ppb
Sulfur	34-1	-163.69	-2113.26	-2247.93	-1508.30		ppb
Terbium	159-1				103		%
Terbium	159-2				110		%
Thallium	203-1	0.94	0.91	0.89	0.91	2.61	ppb
Thallium	205-1	1.13	0.93	0.85	0.97	15.00	ppb
Tin	118-1	4.71	4.54	4.53	4.59	2.20	ppb
Titanium	47-1	5.12	4.33	4.66	4.70	8.51	ppb
Uranium	238-1	0.86	0.87	0.87	0.87	0.78	ppb
Vanadium	51-2	4.86	4.26	4.46	4.53	6.73	ppb
Yttrium	89-1				102		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	2.57	2.07	2.22	2.29	11.21	ppb
Zirconium	90-1	0.95	0.96	0.97	0.96	1.29	ppb
Zirconium	91-1	1.03	0.82	0.73	0.86	17.84	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.88	10.08	9.21	11.06	22.50	ppb
Antimony	121-1	0.12	0.15	0.15	0.14	9.12	ppb
Arsenic	75-2	0.64	0.60	0.55	0.60	7.48	ppb
Barium	135-1	88.98	91.67	89.16	89.93	1.67	ppb
Barium	137-1	89.27	92.05	91.60	90.97	1.64	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	20.61	ppb
Bismuth	209-1				114		%
Bismuth	209-2				114		%
Boron	11-1	66.43	72.78	75.96	71.72	6.77	ppb
Boron	10-1	65.14	73.90	72.98	70.67	6.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.98	-0.64	-0.56	-1.06		ppb
Cadmium	108-1	-0.03	-0.09	-0.09	-0.07		ppb
Cadmium	111-1	-0.14	-0.03	-0.01	-0.06		ppb
Calcium	43-1	39265.81	39102.61	39415.38	39261.27	0.40	ppb
Calcium	44-1	38825.48	39732.05	39140.73	39232.75	1.17	ppb
Chromium	52-2	0.23	0.17	0.13	0.18	29.97	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	55.72	ppb
Copper	63-2	79.59	77.58	74.32	77.16	3.45	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				114		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				116		%
Iron	54-2	169.23	171.90	161.75	167.63	3.14	ppb
Iron	56-2	174.05	169.91	161.35	168.44	3.84	ppb
Iron	57-2	184.41	164.73	158.79	169.31	7.92	ppb
Krypton	83-1						cps
Lead	207-1	1.41	1.37	1.52	1.43	5.37	ppb
Lead	208-1	1.44	1.47	1.56	1.49	4.11	ppb
Lead	206-1	1.49	1.59	1.67	1.58	5.83	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	7185.89	7095.29	6780.78	7020.65	3.03	ppb
Manganese	55-2	7.23	6.50	6.66	6.80	5.68	ppb
Molybdenum	94-1	0.24	0.23	0.21	0.23	6.63	ppb
Molybdenum	95-1	0.25	0.25	0.27	0.26	3.96	ppb
Molybdenum	96-1	0.25	0.22	0.27	0.25	10.09	ppb
Molybdenum	97-1	0.28	0.29	0.30	0.29	3.23	ppb
Molybdenum	98-1	0.23	0.27	0.23	0.25	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.43	2.21	2.21	2.28	5.62	ppb
Phosphorus	31-2	145.65	174.68	141.60	153.98	11.72	ppb
Potassium	39-2	1724.76	1624.89	1520.88	1623.51	6.28	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	2.77	0.28	-0.92	0.71	263.61	ppb
Selenium	78-2	-0.04	-1.12	-0.95	-0.70		ppb
Selenium	82-1	-0.14	-0.52	-0.71	-0.46		ppb
Silicon	28-1	1473.36	1472.18	1455.21	1466.92	0.69	ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.88	ppb
Silver	107-1	0.03	0.02	0.02	0.02	27.91	ppb
Sodium	23-2	85782.89	82932.09	79805.29	82840.09	3.61	ppb
Strontium	86-1	122.15	122.88	124.33	123.12	0.90	ppb
Strontium	88-1	126.08	130.73	129.78	128.86	1.91	ppb
Sulfur	34-1	7858.12	8250.33	7386.99	7831.81	5.52	ppb
Terbium	159-1				116		%
Terbium	159-2				118		%
Thallium	203-1	0.04	0.04	0.01	0.03	62.71	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	24.85	ppb
Tin	118-1	0.08	0.11	0.07	0.09	28.73	ppb
Titanium	47-1	-0.03	0.14	0.01	0.04	242.12	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	5.86	ppb
Vanadium	51-2	0.34	0.37	0.37	0.36	4.19	ppb
Yttrium	89-1				114		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				114		%
Zinc	66-2	21.08	20.54	18.98	20.20	5.41	ppb
Zirconium	90-1	0.05	0.06	0.04	0.05	14.02	ppb
Zirconium	91-1	0.05	0.06	0.03	0.05	37.88	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.19	6.23	7.50	6.64	11.20	ppb
Antimony	121-1	0.15	0.16	0.11	0.14	17.42	ppb
Arsenic	75-2	0.50	0.61	0.62	0.58	11.30	ppb
Barium	135-1	89.19	114.30	91.12	98.20	14.23	ppb
Barium	137-1	89.54	114.22	94.42	99.39	13.15	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	47.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				113		%
Boron	11-1	61.54	86.86	75.68	74.69	16.99	ppb
Boron	10-1	59.01	83.87	74.49	72.46	17.32	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.16	-1.35	2.13	0.21	862.32	ppb
Cadmium	108-1	-0.09	-0.19	0.03	-0.08		ppb
Cadmium	111-1	-0.02	-0.07	0.16	0.02	518.61	ppb
Calcium	43-1	38025.65	51048.67	39230.09	42768.14	16.83	ppb
Calcium	44-1	38491.64	51260.43	39537.44	43096.50	16.45	ppb
Chromium	52-2	0.02	0.07	0.17	0.09	91.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	95.67	96.93	96.94	96.51	0.76	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				116		%
Indium	115-1				106		%
Indium	115-2				113		%
Iron	54-2	171.62	164.80	167.70	168.04	2.04	ppb
Iron	56-2	169.50	173.30	172.36	171.72	1.15	ppb
Iron	57-2	177.06	169.74	170.81	172.54	2.29	ppb
Krypton	83-1						cps
Lead	207-1	0.60	0.77	0.60	0.66	14.58	ppb
Lead	208-1	0.60	0.88	0.65	0.71	20.76	ppb
Lead	206-1	0.62	0.93	0.73	0.76	21.00	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	7054.49	7150.23	7111.71	7105.48	0.68	ppb
Manganese	55-2	5.23	6.07	5.67	5.66	7.47	ppb
Molybdenum	94-1	0.18	0.30	0.29	0.26	24.35	ppb
Molybdenum	95-1	0.19	0.32	0.21	0.24	27.22	ppb
Molybdenum	96-1	0.19	0.30	0.17	0.22	31.44	ppb
Molybdenum	97-1	0.23	0.23	0.19	0.22	9.06	ppb
Molybdenum	98-1	0.21	0.22	0.20	0.21	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.55	0.47	0.53	9.96	ppb
Phosphorus	31-2	174.12	139.04	123.58	145.58	17.79	ppb
Potassium	39-2	1609.62	1686.39	1625.87	1640.63	2.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				112		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	-0.92	1.51	0.29	0.29	411.52	ppb
Selenium	78-2	-1.00	-1.08	-0.56	-0.88		ppb
Selenium	82-1	-0.10	-1.02	-0.18	-0.43		ppb
Silicon	28-1	1405.67	1995.26	1493.91	1631.62	19.49	ppb
Silver	109-1	0.01	0.01	0.02	0.01	40.07	ppb
Silver	107-1	0.02	0.02	0.01	0.02	20.99	ppb
Sodium	23-2	81529.10	83864.05	82293.17	82562.11	1.44	ppb
Strontium	86-1	121.10	162.77	128.62	137.50	16.15	ppb
Strontium	88-1	125.51	167.03	129.16	140.57	16.36	ppb
Sulfur	34-1	7227.08	20961.64	9047.30	12412.01	60.10	ppb
Terbium	159-1				106		%
Terbium	159-2				116		%
Thallium	203-1	0.01	0.00	0.02	0.01	109.04	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	50.09	ppb
Tin	118-1	-0.23	-0.11	-0.18	-0.17		ppb
Titanium	47-1	-0.08	0.25	-0.31	-0.05		ppb
Uranium	238-1	0.09	0.10	0.09	0.10	3.70	ppb
Vanadium	51-2	0.35	0.33	0.38	0.36	7.44	ppb
Yttrium	89-1				104		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	26.54	28.09	27.12	27.25	2.89	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	18.16	ppb
Zirconium	91-1	0.05	0.00	0.00	0.02	144.35	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	604.69	591.14	596.85	597.56	1.14	ppb
Antimony	121-1	2.17	2.20	2.34	2.24	4.12	ppb
Arsenic	75-2	5.59	5.60	5.65	5.62	0.53	ppb
Barium	135-1	360.55	373.52	377.81	370.63	2.42	ppb
Barium	137-1	365.89	374.66	375.69	372.08	1.45	ppb
Beryllium	9-1	0.15	0.11	0.12	0.13	16.17	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	11-1	61.35	69.33	72.56	67.75	8.52	ppb
Boron	10-1	61.94	68.35	71.81	67.37	7.44	ppb
Bromine	81-1						cps
Cadmium	106-1	0.47	-0.77	0.36	0.02	3550.91	ppb
Cadmium	108-1	1.16	1.44	0.95	1.18	20.67	ppb
Cadmium	111-1	0.21	0.07	0.20	0.16	50.08	ppb
Calcium	43-1	42023.66	41377.32	43147.55	42182.84	2.12	ppb
Calcium	44-1	41334.56	41767.06	42715.81	41939.14	1.68	ppb
Chromium	52-2	1.80	1.67	1.59	1.68	6.41	ppb
Cobalt	59-2	1.30	1.33	1.32	1.32	1.13	ppb
Copper	63-2	9756.54	9474.96	9419.24	9550.25	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	54-2	33250.56	31957.28	31992.24	32400.03	2.27	ppb
Iron	56-2	32088.36	31126.86	31515.13	31576.78	1.53	ppb
Iron	57-2	31704.20	31301.12	31655.32	31553.54	0.70	ppb
Krypton	83-1						cps
Lead	207-1	83.11	82.74	83.10	82.98	0.25	ppb
Lead	208-1	84.94	85.52	85.94	85.47	0.59	ppb
Lead	206-1	85.98	86.31	87.89	86.73	1.18	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	7524.84	7373.23	7418.40	7438.82	1.05	ppb
Manganese	55-2	2622.24	2568.75	2577.27	2589.42	1.11	ppb
Molybdenum	94-1	9.07	9.30	9.15	9.18	1.27	ppb
Molybdenum	95-1	0.40	0.44	0.42	0.42	4.85	ppb
Molybdenum	96-1	1.47	1.54	1.51	1.51	2.30	ppb
Molybdenum	97-1	0.47	0.42	0.39	0.43	9.42	ppb
Molybdenum	98-1	0.41	0.42	0.46	0.43	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.97	14.88	14.25	14.70	2.69	ppb
Phosphorus	31-2	4101.53	3928.41	4088.25	4039.39	2.39	ppb
Potassium	39-2	1664.15	1627.80	1642.33	1644.76	1.11	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	0.29	0.28	1.57	0.71	103.84	ppb
Selenium	78-2	-0.15	0.89	-0.63	0.03	2377.59	ppb
Selenium	82-1	-0.01	0.66	-0.36	0.10	545.73	ppb
Silicon	28-1	2138.19	2060.69	2159.70	2119.53	2.46	ppb
Silver	109-1	0.19	0.17	0.21	0.19	12.42	ppb
Silver	107-1	0.22	0.20	0.19	0.20	7.57	ppb
Sodium	23-2	84034.49	81843.83	83128.03	83002.12	1.33	ppb
Strontium	86-1	135.95	139.96	140.63	138.85	1.82	ppb
Strontium	88-1	141.56	142.81	143.78	142.72	0.78	ppb
Sulfur	34-1	7890.80	7024.65	8402.94	7772.80	8.96	ppb
Terbium	159-1				116		%
Terbium	159-2				116		%
Thallium	203-1	0.04	0.00	0.02	0.02	77.54	ppb
Thallium	205-1	0.02	0.04	0.02	0.03	38.28	ppb
Tin	118-1	14.86	14.39	14.89	14.71	1.90	ppb
Titanium	47-1	5.64	4.68	5.24	5.19	9.30	ppb
Uranium	238-1	0.62	0.60	0.64	0.62	3.15	ppb
Vanadium	51-2	6.84	6.94	7.29	7.02	3.38	ppb
Yttrium	89-1				115		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	910.38	898.48	910.94	906.60	0.78	ppb
Zirconium	90-1	5.84	5.92	6.12	5.96	2.39	ppb
Zirconium	91-1	6.13	6.18	5.99	6.10	1.65	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.73	12.48	10.24	10.48	18.01	ppb
Antimony	121-1	0.11	0.14	0.12	0.12	10.25	ppb
Arsenic	75-2	0.48	0.61	0.54	0.54	11.76	ppb
Barium	135-1	89.44	89.94	89.85	89.74	0.30	ppb
Barium	137-1	90.53	89.53	88.53	89.53	1.11	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	38.92	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	11-1	60.91	64.96	69.35	65.07	6.49	ppb
Boron	10-1	58.82	64.05	66.49	63.12	6.20	ppb
Bromine	81-1						cps
Cadmium	106-1	1.09	2.29	-0.94	0.81	201.17	ppb
Cadmium	108-1	-0.26	-0.10	0.02	-0.11		ppb
Cadmium	111-1	0.09	0.18	-0.07	0.07	196.64	ppb
Calcium	43-1	38363.44	38832.13	38391.70	38529.09	0.68	ppb
Calcium	44-1	38065.66	39023.41	38279.46	38456.17	1.31	ppb
Chromium	52-2	0.12	0.15	0.13	0.13	11.07	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	97.33	98.91	97.24	97.83	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	182.07	179.74	178.68	180.16	0.96	ppb
Iron	56-2	178.27	175.87	178.29	177.48	0.78	ppb
Iron	57-2	184.93	175.24	185.36	181.84	3.15	ppb
Krypton	83-1						cps
Lead	207-1	0.97	0.90	1.01	0.96	5.99	ppb
Lead	208-1	0.96	0.97	0.95	0.96	0.89	ppb
Lead	206-1	1.00	0.97	0.95	0.97	2.48	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	7249.09	7226.64	7264.63	7246.79	0.26	ppb
Manganese	55-2	6.34	6.27	6.41	6.34	1.08	ppb
Molybdenum	94-1	0.16	0.19	0.17	0.17	8.80	ppb
Molybdenum	95-1	0.24	0.16	0.27	0.23	25.47	ppb
Molybdenum	96-1	0.21	0.19	0.13	0.18	23.74	ppb
Molybdenum	97-1	0.19	0.22	0.20	0.20	7.67	ppb
Molybdenum	98-1	0.18	0.17	0.21	0.19	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.56	0.45	0.52	11.65	ppb
Phosphorus	31-2	131.38	144.79	101.24	125.80	17.73	ppb
Potassium	39-2	1619.25	1632.90	1650.42	1634.19	0.96	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	77-2	2.84	-0.92	-0.92	0.34	645.85	ppb
Selenium	78-2	0.18	0.70	0.31	0.40	68.21	ppb
Selenium	82-1	-0.93	-1.23	0.51	-0.55		ppb
Silicon	28-1	1420.03	1448.34	1459.07	1442.48	1.40	ppb
Silver	109-1	0.00	0.01	0.02	0.01	100.92	ppb
Silver	107-1	0.02	0.01	0.02	0.01	38.66	ppb
Sodium	23-2	85469.73	83492.50	85205.52	84722.58	1.27	ppb
Strontium	86-1	123.09	122.94	121.92	122.65	0.52	ppb
Strontium	88-1	127.65	125.92	125.37	126.31	0.94	ppb
Sulfur	34-1	6910.37	6579.08	6547.82	6679.09	3.01	ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.02	0.01	0.02	0.02	2.41	ppb
Tin	118-1	-0.05	-0.10	-0.08	-0.08		ppb
Titanium	47-1	-0.30	-0.11	-0.24	-0.22		ppb
Uranium	238-1	0.08	0.11	0.10	0.10	15.37	ppb
Vanadium	51-2	0.32	0.35	0.34	0.34	4.92	ppb
Yttrium	89-1				114		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	25.65	25.56	26.10	25.77	1.12	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	22.37	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	18.60	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	1.85	0.99	1.23	43.69	ppb
Antimony	121-1	0.05	0.05	0.02	0.04	39.20	ppb
Arsenic	75-2	0.04	0.09	0.10	0.07	43.37	ppb
Barium	135-1	17.35	17.31	17.95	17.53	2.04	ppb
Barium	137-1	17.05	17.42	17.52	17.33	1.42	ppb
Beryllium	9-1	0.03	0.02	-0.01	0.01	146.65	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	24.13	24.10	26.05	24.76	4.51	ppb
Boron	10-1	25.39	23.84	25.72	24.98	4.02	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.45	-2.28	0.92	-1.27		ppb
Cadmium	108-1	0.04	-0.26	-0.02	-0.08		ppb
Cadmium	111-1	-0.18	-0.15	0.07	-0.09		ppb
Calcium	43-1	7711.89	7675.57	7707.82	7698.43	0.26	ppb
Calcium	44-1	7687.67	7916.28	7800.71	7801.55	1.47	ppb
Chromium	52-2	0.05	0.05	-0.03	0.03	174.94	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	19.77	19.52	19.31	19.53	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	40.54	37.32	38.08	38.65	4.36	ppb
Iron	56-2	35.00	34.57	34.22	34.59	1.13	ppb
Iron	57-2	36.80	33.82	36.18	35.60	4.42	ppb
Krypton	83-1						cps
Lead	207-1	0.22	0.24	0.25	0.24	7.47	ppb
Lead	208-1	0.27	0.26	0.23	0.25	8.49	ppb
Lead	206-1	0.32	0.26	0.25	0.28	12.45	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	1428.21	1456.22	1422.52	1435.65	1.26	ppb
Manganese	55-2	1.17	1.14	1.20	1.17	2.70	ppb
Molybdenum	94-1	0.03	0.06	0.06	0.05	31.80	ppb
Molybdenum	95-1	0.02	0.02	0.06	0.03	75.76	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.02	58.14	ppb
Molybdenum	97-1	0.06	0.07	0.08	0.07	14.42	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	13.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.04	0.03	33.74	ppb
Phosphorus	31-2	44.23	-37.09	-11.40	-1.42		ppb
Potassium	39-2	339.18	329.16	322.14	330.16	2.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	0.37	-0.92	-0.92	-0.49		ppb
Selenium	78-2	1.47	-2.15	0.63	-0.02		ppb
Selenium	82-1	0.67	0.43	-0.68	0.14	509.37	ppb
Silicon	28-1	236.93	231.40	247.09	238.47	3.34	ppb
Silver	109-1	0.00	0.00	0.01	0.00	43.86	ppb
Silver	107-1	0.01	0.00	0.00	0.01	82.57	ppb
Sodium	23-2	17070.34	16960.30	16555.44	16862.03	1.61	ppb
Strontium	86-1	24.20	25.00	24.91	24.71	1.79	ppb
Strontium	88-1	24.71	25.17	25.55	25.14	1.68	ppb
Sulfur	34-1	-8.40	-772.86	-153.84	-311.70		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.02	0.02	35.38	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	41.89	ppb
Tin	118-1	-0.22	-0.21	-0.19	-0.21		ppb
Titanium	47-1	-0.23	-0.44	-0.45	-0.37		ppb
Uranium	238-1	0.01	0.01	0.02	0.02	21.94	ppb
Vanadium	51-2	0.09	0.08	0.07	0.08	10.72	ppb
Yttrium	89-1				108		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5.20	5.54	5.26	5.33	3.47	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	99.48	ppb
Zirconium	91-1	-0.01	0.03	0.01	0.01	215.18	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1945.13	1920.61	1937.47	1934.40	0.65	ppb
Antimony	121-1	755.57	748.08	759.70	754.45	0.78	ppb
Arsenic	75-2	761.73	752.94	751.79	755.49	0.72	ppb
Barium	135-1	281.57	285.35	285.75	284.22	0.81	ppb
Barium	137-1	280.60	283.01	284.07	282.56	0.63	ppb
Beryllium	9-1	190.83	193.85	193.82	192.84	0.90	ppb
Bismuth	209-1				114		%
Bismuth	209-2				114		%
Boron	11-1	281.17	327.47	358.14	322.26	12.02	ppb
Boron	10-1	275.14	317.69	347.35	313.39	11.58	ppb
Bromine	81-1						cps
Cadmium	106-1	159.80	164.61	161.25	161.89	1.53	ppb
Cadmium	108-1	176.48	172.01	181.31	176.60	2.63	ppb
Cadmium	111-1	189.07	190.48	188.58	189.38	0.52	ppb
Calcium	43-1	40529.21	41343.90	40378.13	40750.42	1.27	ppb
Calcium	44-1	40940.12	41227.21	40118.78	40762.04	1.41	ppb
Chromium	52-2	391.32	388.30	389.27	389.63	0.40	ppb
Cobalt	59-2	199.39	200.94	198.85	199.73	0.54	ppb
Copper	63-2	418.69	414.89	417.84	417.14	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				116		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	54-2	3525.09	3547.50	3529.28	3533.96	0.34	ppb
Iron	56-2	3246.78	3271.58	3218.96	3245.77	0.81	ppb
Iron	57-2	3236.71	3222.47	3237.31	3232.17	0.26	ppb
Krypton	83-1						cps
Lead	207-1	854.83	848.43	854.71	852.65	0.43	ppb
Lead	208-1	900.23	890.57	897.90	896.23	0.56	ppb
Lead	206-1	928.72	916.03	923.33	922.69	0.69	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	9287.36	9155.74	9236.56	9226.55	0.72	ppb
Manganese	55-2	192.16	194.27	191.34	192.59	0.78	ppb
Molybdenum	94-1	264.25	265.94	264.76	264.98	0.33	ppb
Molybdenum	95-1	372.45	369.98	367.55	369.99	0.66	ppb
Molybdenum	96-1	360.26	353.54	358.02	357.27	0.96	ppb
Molybdenum	97-1	372.89	372.47	379.03	374.80	0.98	ppb
Molybdenum	98-1	371.80	370.51	373.33	371.88	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.89	504.71	496.86	501.49	0.82	ppb
Phosphorus	31-2	5917.75	5874.81	5993.54	5928.70	1.01	ppb
Potassium	39-2	11804.42	11609.85	11687.68	11700.65	0.84	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	1967.10	1978.20	1949.44	1964.91	0.74	ppb
Selenium	78-2	1947.60	1925.45	1915.14	1929.40	0.86	ppb
Selenium	82-1	1890.27	1888.52	1896.37	1891.72	0.22	ppb
Silicon	28-1	2339.42	2461.91	2358.41	2386.58	2.76	ppb
Silver	109-1	70.78	71.20	71.51	71.16	0.52	ppb
Silver	107-1	69.34	71.18	71.21	70.58	1.52	ppb
Sodium	23-2	87762.67	87990.51	86873.28	87542.16	0.67	ppb
Strontium	86-1	313.72	314.01	312.74	313.49	0.21	ppb
Strontium	88-1	316.26	320.67	318.84	318.59	0.70	ppb
Sulfur	34-1	8322.61	8611.38	7301.32	8078.44	8.52	ppb
Terbium	159-1				116		%
Terbium	159-2				117		%
Thallium	203-1	1845.84	1823.24	1832.28	1833.79	0.62	ppb
Thallium	205-1	1822.39	1808.42	1817.69	1816.17	0.39	ppb
Tin	118-1	668.61	666.79	673.54	669.65	0.52	ppb
Titanium	47-1	192.33	192.02	192.94	192.43	0.24	ppb
Uranium	238-1	0.09	0.08	0.09	0.09	5.18	ppb
Vanadium	51-2	297.96	298.24	295.58	297.26	0.49	ppb
Yttrium	89-1				113		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	230.36	225.59	227.44	227.80	1.06	ppb
Zirconium	90-1	0.10	0.10	0.12	0.11	13.26	ppb
Zirconium	91-1	0.34	0.27	0.32	0.31	10.91	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1913.59	1937.11	1945.41	1932.04	0.85	ppb
Antimony	121-1	731.32	763.81	757.83	750.99	2.30	ppb
Arsenic	75-2	761.74	761.93	762.06	761.91	0.02	ppb
Barium	135-1	279.87	284.73	291.38	285.32	2.03	ppb
Barium	137-1	279.09	284.69	289.52	284.43	1.83	ppb
Beryllium	9-1	189.11	192.14	194.28	191.84	1.35	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	11-1	303.74	352.40	375.00	343.71	10.60	ppb
Boron	10-1	299.21	350.03	365.13	338.12	10.21	ppb
Bromine	81-1						cps
Cadmium	106-1	157.13	166.75	175.63	166.50	5.56	ppb
Cadmium	108-1	170.07	175.23	179.25	174.85	2.63	ppb
Cadmium	111-1	185.86	188.20	190.98	188.35	1.36	ppb
Calcium	43-1	40035.96	41178.11	41111.73	40775.27	1.57	ppb
Calcium	44-1	39762.05	40603.24	40103.00	40156.10	1.05	ppb
Chromium	52-2	391.47	400.27	394.61	395.45	1.13	ppb
Cobalt	59-2	199.20	199.90	204.75	201.29	1.50	ppb
Copper	63-2	414.21	421.38	424.42	420.00	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	3515.86	3548.74	3630.19	3564.93	1.65	ppb
Iron	56-2	3262.77	3291.14	3306.28	3286.73	0.67	ppb
Iron	57-2	3261.60	3198.09	3306.77	3255.49	1.68	ppb
Krypton	83-1						cps
Lead	207-1	846.00	857.78	851.67	851.82	0.69	ppb
Lead	208-1	894.16	906.59	902.69	901.15	0.71	ppb
Lead	206-1	915.25	936.38	932.72	928.11	1.22	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	8991.44	9258.51	9240.72	9163.55	1.63	ppb
Manganese	55-2	193.89	197.12	199.27	196.76	1.37	ppb
Molybdenum	94-1	254.31	260.35	263.96	259.54	1.88	ppb
Molybdenum	95-1	356.51	365.52	370.24	364.09	1.92	ppb
Molybdenum	96-1	345.16	350.30	359.55	351.67	2.07	ppb
Molybdenum	97-1	359.90	369.59	374.64	368.05	2.03	ppb
Molybdenum	98-1	356.42	368.28	373.39	366.03	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.08	504.77	507.44	503.10	1.07	ppb
Phosphorus	31-2	5970.72	6050.04	5966.46	5995.74	0.79	ppb
Potassium	39-2	11432.69	11568.98	11766.46	11589.38	1.45	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	77-2	1950.06	2042.02	1960.25	1984.11	2.54	ppb
Selenium	78-2	1937.68	1928.98	1937.54	1934.73	0.26	ppb
Selenium	82-1	1834.54	1900.56	1901.57	1878.89	2.04	ppb
Silicon	28-1	2257.05	2369.17	2411.29	2345.84	3.40	ppb
Silver	109-1	69.14	71.40	72.66	71.07	2.51	ppb
Silver	107-1	68.74	69.72	71.74	70.07	2.19	ppb
Sodium	23-2	85416.18	87108.76	87717.42	86747.46	1.37	ppb
Strontium	86-1	307.20	311.94	311.49	310.21	0.84	ppb
Strontium	88-1	309.12	319.47	318.83	315.80	1.84	ppb
Sulfur	34-1	6122.52	7999.25	7516.13	7212.63	13.51	ppb
Terbium	159-1				116		%
Terbium	159-2				115		%
Thallium	203-1	1782.27	1877.96	1881.54	1847.26	3.05	ppb
Thallium	205-1	1784.81	1874.79	1852.99	1837.53	2.55	ppb
Tin	118-1	656.59	674.72	670.84	667.38	1.43	ppb
Titanium	47-1	181.93	193.01	188.23	187.72	2.96	ppb
Uranium	238-1	0.10	0.09	0.08	0.09	11.17	ppb
Vanadium	51-2	294.62	299.03	302.33	298.66	1.30	ppb
Yttrium	89-1				114		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	232.10	232.49	234.86	233.15	0.64	ppb
Zirconium	90-1	0.07	0.12	0.12	0.10	24.63	ppb
Zirconium	91-1	0.26	0.38	0.27	0.31	21.17	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1947.03	2317.03	1978.75	2080.94	9.86	ppb
Antimony	121-1	746.70	750.01	749.15	748.62	0.23	ppb
Arsenic	75-2	769.29	903.17	758.25	810.23	9.96	ppb
Barium	135-1	283.12	282.42	286.26	283.93	0.72	ppb
Barium	137-1	288.72	279.53	278.45	282.23	2.00	ppb
Beryllium	9-1	188.67	194.84	193.11	192.21	1.66	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	11-1	311.13	353.10	374.29	346.17	9.29	ppb
Boron	10-1	312.95	351.01	379.21	347.72	9.56	ppb
Bromine	81-1						cps
Cadmium	106-1	171.24	163.52	161.08	165.28	3.21	ppb
Cadmium	108-1	175.32	177.24	179.46	177.34	1.17	ppb
Cadmium	111-1	187.91	186.21	188.32	187.48	0.60	ppb
Calcium	43-1	40883.11	40912.27	41040.51	40945.30	0.20	ppb
Calcium	44-1	40921.80	40827.46	40426.13	40725.13	0.65	ppb
Chromium	52-2	390.40	462.80	396.21	416.47	9.66	ppb
Cobalt	59-2	202.06	238.15	205.79	215.33	9.22	ppb
Copper	63-2	420.24	498.28	425.66	448.06	9.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	54-2	3520.25	4200.57	3598.69	3773.17	9.86	ppb
Iron	56-2	3246.06	3892.93	3334.40	3491.13	10.05	ppb
Iron	57-2	3225.29	3815.06	3291.64	3443.99	9.38	ppb
Krypton	83-1						cps
Lead	207-1	849.87	864.35	878.87	864.37	1.68	ppb
Lead	208-1	893.36	912.30	916.90	907.52	1.37	ppb
Lead	206-1	922.82	935.31	944.49	934.21	1.16	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	9376.83	10949.24	9334.42	9886.83	9.31	ppb
Manganese	55-2	194.17	231.99	197.46	207.87	10.08	ppb
Molybdenum	94-1	263.25	270.68	263.70	265.88	1.57	ppb
Molybdenum	95-1	369.21	379.81	370.64	373.22	1.54	ppb
Molybdenum	96-1	355.29	364.44	364.95	361.56	1.50	ppb
Molybdenum	97-1	377.10	380.47	383.23	380.27	0.81	ppb
Molybdenum	98-1	372.08	379.70	376.17	375.98	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.10	598.39	521.04	539.51	9.67	ppb
Phosphorus	31-2	6029.92	7238.31	5915.26	6394.50	11.46	ppb
Potassium	39-2	11828.30	13814.77	11680.09	12441.05	9.58	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	1983.56	2267.09	1976.20	2075.62	7.99	ppb
Selenium	78-2	1943.05	2276.65	1944.94	2054.88	9.35	ppb
Selenium	82-1	1892.33	1930.99	1907.05	1910.12	1.02	ppb
Silicon	28-1	2373.93	2376.18	2402.71	2384.27	0.67	ppb
Silver	109-1	70.89	70.24	70.36	70.50	0.49	ppb
Silver	107-1	69.97	69.67	70.22	69.95	0.39	ppb
Sodium	23-2	87208.05	101062.41	85975.95	91415.47	9.16	ppb
Strontium	86-1	316.38	321.93	316.36	318.22	1.01	ppb
Strontium	88-1	320.71	327.23	323.71	323.88	1.01	ppb
Sulfur	34-1	7751.99	7458.95	6960.42	7390.46	5.42	ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	1851.76	1846.06	1882.52	1860.11	1.05	ppb
Thallium	205-1	1842.95	1824.12	1855.77	1840.95	0.86	ppb
Tin	118-1	661.15	663.11	664.94	663.07	0.29	ppb
Titanium	47-1	192.51	191.25	193.57	192.44	0.60	ppb
Uranium	238-1	0.10	0.09	0.12	0.10	17.36	ppb
Vanadium	51-2	299.29	356.72	301.69	319.23	10.18	ppb
Yttrium	89-1				111		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	230.56	271.25	231.92	244.57	9.45	ppb
Zirconium	90-1	0.10	0.08	0.10	0.09	10.71	ppb
Zirconium	91-1	0.29	0.30	0.35	0.31	10.06	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9462.38	9700.88	9817.35	9660.20	1.87	ppb
Antimony	121-1	487.40	488.16	483.95	486.51	0.46	ppb
Arsenic	75-2	486.05	488.68	490.82	488.52	0.49	ppb
Barium	135-1	2428.62	2436.13	2435.86	2433.54	0.18	ppb
Barium	137-1	2429.89	2401.36	2389.08	2406.78	0.87	ppb
Beryllium	9-1	489.66	494.96	503.07	495.90	1.36	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	443.08	487.34	528.11	486.18	8.75	ppb
Boron	10-1	441.57	491.17	535.36	489.37	9.59	ppb
Bromine	81-1						cps
Cadmium	106-1	499.87	463.18	473.39	478.81	3.95	ppb
Cadmium	108-1	479.44	485.74	487.11	484.09	0.84	ppb
Cadmium	111-1	484.91	473.61	478.31	478.94	1.18	ppb
Calcium	43-1	49680.31	49912.48	50514.37	50035.72	0.86	ppb
Calcium	44-1	49688.60	50090.14	50274.15	50017.63	0.60	ppb
Chromium	52-2	485.07	490.05	503.09	492.74	1.89	ppb
Cobalt	59-2	490.72	497.77	507.03	498.51	1.64	ppb
Copper	63-2	4892.41	5041.38	5156.36	5030.05	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	25725.82	25839.75	27101.84	26222.47	2.91	ppb
Iron	56-2	24959.60	25219.47	25782.79	25320.62	1.66	ppb
Iron	57-2	24934.59	25375.27	25959.56	25423.14	2.02	ppb
Krypton	83-1						cps
Lead	207-1	2373.64	2332.57	2397.53	2367.92	1.39	ppb
Lead	208-1	2347.77	2355.99	2386.08	2363.28	0.85	ppb
Lead	206-1	2371.05	2373.51	2395.03	2379.86	0.55	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	50587.77	51059.42	51286.80	50978.00	0.70	ppb
Manganese	55-2	4805.44	4948.15	5063.13	4938.91	2.61	ppb
Molybdenum	94-1	2352.42	2417.32	2450.87	2406.87	2.08	ppb
Molybdenum	95-1	2408.63	2408.04	2465.23	2427.30	1.35	ppb
Molybdenum	96-1	2382.95	2439.03	2444.75	2422.24	1.41	ppb
Molybdenum	97-1	2389.19	2399.80	2399.96	2396.32	0.26	ppb
Molybdenum	98-1	2369.24	2398.19	2393.48	2386.97	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.13	497.21	506.80	498.38	1.59	ppb
Phosphorus	31-2	9511.79	9582.18	9911.18	9668.38	2.21	ppb
Potassium	39-2	25220.30	25177.19	25512.39	25303.29	0.72	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	493.55	464.34	487.49	481.79	3.20	ppb
Selenium	78-2	471.22	477.80	491.39	480.14	2.14	ppb
Selenium	82-1	472.61	477.59	479.67	476.62	0.76	ppb
Silicon	28-1	485.72	513.17	551.31	516.73	6.37	ppb
Silver	109-1	485.95	491.08	488.95	488.66	0.53	ppb
Silver	107-1	489.14	481.15	481.11	483.80	0.96	ppb
Sodium	23-2	50022.70	50583.32	51599.39	50735.14	1.58	ppb
Strontium	86-1	472.55	477.93	479.32	476.60	0.75	ppb
Strontium	88-1	489.44	487.00	482.91	486.45	0.68	ppb
Sulfur	34-1	7692.14	6631.85	7195.11	7173.03	7.40	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	469.13	470.56	468.98	469.56	0.19	ppb
Thallium	205-1	473.98	474.42	476.71	475.03	0.31	ppb
Tin	118-1	495.86	478.51	478.35	484.24	2.08	ppb
Titanium	47-1	2381.70	2429.58	2459.92	2423.73	1.63	ppb
Uranium	238-1	467.29	473.89	472.51	471.23	0.74	ppb
Vanadium	51-2	483.29	491.39	504.14	492.94	2.13	ppb
Yttrium	89-1				108		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4905.34	5002.72	5114.63	5007.56	2.09	ppb
Zirconium	90-1	481.11	485.87	486.22	484.40	0.59	ppb
Zirconium	91-1	471.13	485.01	485.12	480.42	1.67	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51355.79	51626.73	50432.44	51138.32	1.22	ppb
Antimony	121-1	457.36	482.12	470.20	469.89	2.63	ppb
Arsenic	75-2	476.83	480.73	484.42	480.66	0.79	ppb
Barium	135-1	2330.72	2435.99	2413.72	2393.48	2.32	ppb
Barium	137-1	2296.24	2364.16	2370.21	2343.54	1.75	ppb
Beryllium	9-1	481.60	498.01	498.62	492.74	1.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	494.96	536.79	570.55	534.10	7.09	ppb
Boron	10-1	501.30	545.36	568.97	538.54	6.38	ppb
Bromine	81-1						cps
Cadmium	106-1	455.51	462.75	472.00	463.42	1.78	ppb
Cadmium	108-1	445.22	462.21	463.95	457.13	2.26	ppb
Cadmium	111-1	446.77	469.45	468.35	461.52	2.77	ppb
Calcium	43-1	237133.10	233115.98	236925.05	235724.71	0.96	ppb
Calcium	44-1	233511.50	236096.47	237200.81	235602.93	0.80	ppb
Chromium	52-2	489.94	491.32	485.91	489.06	0.57	ppb
Cobalt	59-2	494.65	486.72	481.93	487.77	1.32	ppb
Copper	63-2	4907.57	4882.11	4794.29	4861.32	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				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	124486.88	123144.98	122282.76	123304.87	0.90	ppb
Iron	56-2	122943.44	123799.95	123170.50	123304.63	0.36	ppb
Iron	57-2	124644.73	125666.30	123339.96	124550.33	0.94	ppb
Krypton	83-1						cps
Lead	207-1	2325.09	2374.46	2388.86	2362.80	1.42	ppb
Lead	208-1	2301.91	2379.37	2360.53	2347.27	1.72	ppb
Lead	206-1	2300.94	2392.36	2339.11	2344.14	1.96	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	246772.72	245423.13	243590.82	245262.23	0.65	ppb
Manganese	55-2	4929.88	4908.74	4917.71	4918.78	0.22	ppb
Molybdenum	94-1	2304.31	2413.70	2405.63	2374.55	2.57	ppb
Molybdenum	95-1	2281.94	2395.13	2402.74	2359.94	2.87	ppb
Molybdenum	96-1	2271.02	2419.16	2383.57	2357.92	3.28	ppb
Molybdenum	97-1	2311.03	2386.68	2401.65	2366.45	2.05	ppb
Molybdenum	98-1	2297.59	2346.62	2369.38	2337.86	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.21	486.87	478.74	484.94	1.13	ppb
Phosphorus	31-2	9688.90	9618.61	9506.33	9604.61	0.96	ppb
Potassium	39-2	123558.92	124329.65	123486.36	123791.64	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	524.66	458.32	474.32	485.77	7.13	ppb
Selenium	78-2	472.87	487.89	471.72	477.49	1.89	ppb
Selenium	82-1	449.39	469.08	462.98	460.48	2.19	ppb
Silicon	28-1	520.18	527.11	564.17	537.15	4.40	ppb
Silver	109-1	457.74	465.34	464.61	462.56	0.91	ppb
Silver	107-1	445.75	469.55	466.30	460.54	2.80	ppb
Sodium	23-2	247291.41	247021.06	242371.06	245561.17	1.13	ppb
Strontium	86-1	453.46	477.03	474.50	468.33	2.76	ppb
Strontium	88-1	466.04	480.21	479.04	475.09	1.66	ppb
Sulfur	34-1	8234.87	6918.27	7463.77	7538.97	8.77	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	457.06	471.02	465.96	464.68	1.52	ppb
Thallium	205-1	450.44	473.27	470.61	464.78	2.69	ppb
Tin	118-1	456.70	474.75	475.32	468.92	2.26	ppb
Titanium	47-1	2384.57	2370.79	2388.12	2381.16	0.38	ppb
Uranium	238-1	473.17	483.29	478.62	478.36	1.06	ppb
Vanadium	51-2	501.84	497.12	489.26	496.07	1.28	ppb
Yttrium	89-1				109		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	4863.87	4882.06	4792.78	4846.24	0.97	ppb
Zirconium	90-1	466.86	485.45	479.73	477.35	2.00	ppb
Zirconium	91-1	460.46	479.64	479.55	473.21	2.33	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	0.93	-2.62	-0.73		ppb
Antimony	121-1	0.15	0.05	0.04	0.08	82.31	ppb
Arsenic	75-2	0.03	-0.03	-0.01	0.00		ppb
Barium	135-1	0.31	0.00	0.00	0.10	175.37	ppb
Barium	137-1	0.24	0.00	-0.01	0.08	186.42	ppb
Beryllium	9-1	0.06	0.08	0.11	0.08	33.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	22.56	23.63	21.41	22.53	4.91	ppb
Boron	10-1	22.61	23.00	21.56	22.39	3.33	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.94	-2.21	-3.86	-2.67		ppb
Cadmium	108-1	-0.14	-0.01	-0.26	-0.14		ppb
Cadmium	111-1	-0.06	-0.17	-0.27	-0.16		ppb
Calcium	43-1	-13.97	-12.27	-20.41	-15.55		ppb
Calcium	44-1	-112.26	-92.37	-105.98	-103.54		ppb
Chromium	52-2	0.12	0.15	0.08	0.12	29.57	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.25	0.33	0.30	0.29	13.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	0.95	2.00	0.07	1.01	96.29	ppb
Iron	56-2	0.40	0.51	0.09	0.34	65.53	ppb
Iron	57-2	-1.48	-0.69	-2.59	-1.59		ppb
Krypton	83-1						cps
Lead	207-1	0.63	0.48	0.30	0.47	35.30	ppb
Lead	208-1	0.54	0.42	0.40	0.45	17.02	ppb
Lead	206-1	0.59	0.45	0.42	0.48	18.33	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	-0.23	1.59	1.35	0.91	108.88	ppb
Manganese	55-2	0.48	0.52	0.37	0.46	16.55	ppb
Molybdenum	94-1	0.98	0.05	0.04	0.36	150.24	ppb
Molybdenum	95-1	0.88	0.05	0.03	0.32	152.91	ppb
Molybdenum	96-1	0.72	0.06	0.07	0.28	132.26	ppb
Molybdenum	97-1	0.81	0.03	0.00	0.28	164.49	ppb
Molybdenum	98-1	0.75	0.04	0.04	0.28	148.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.06	-0.04		ppb
Phosphorus	31-2	-43.32	-61.42	-34.99	-46.58		ppb
Potassium	39-2	31.02	48.83	40.39	40.08	22.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	3.02	0.38	0.36	1.25	122.30	ppb
Selenium	78-2	-0.22	1.09	0.73	0.53	126.78	ppb
Selenium	82-1	-0.30	0.04	-1.31	-0.52		ppb
Silicon	28-1	-53.01	-36.04	-50.30	-46.45		ppb
Silver	109-1	0.03	0.01	0.01	0.01	67.53	ppb
Silver	107-1	0.03	0.00	0.00	0.01	138.31	ppb
Sodium	23-2	177.41	175.45	164.64	172.50	3.99	ppb
Strontium	86-1	1.19	0.12	0.00	0.43	151.19	ppb
Strontium	88-1	0.82	0.00	0.00	0.27	173.75	ppb
Sulfur	34-1	-1836.91	-255.14	-1347.83	-1146.63		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.07	0.05	0.09	61.40	ppb
Thallium	205-1	0.14	0.07	0.08	0.10	40.62	ppb
Tin	118-1	-0.02	-0.09	-0.05	-0.05		ppb
Titanium	47-1	-0.23	-0.13	-0.24	-0.20		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	1315.20	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	57.04	ppb
Yttrium	89-1				104		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	0.44	0.67	0.28	0.47	42.14	ppb
Zirconium	90-1	0.13	0.01	0.00	0.05	146.54	ppb
Zirconium	91-1	0.24	0.00	0.02	0.09	152.59	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.27	-0.70	-4.55	-2.84		ppb
Antimony	121-1	0.01	0.02	0.04	0.03	56.38	ppb
Arsenic	75-2	-0.03	0.03	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.01	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	0.00	0.01	88.75	ppb
Beryllium	9-1	0.09	0.06	0.06	0.07	23.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	11-1	18.04	17.85	17.29	17.73	2.21	ppb
Boron	10-1	17.70	18.74	16.44	17.62	6.54	ppb
Bromine	81-1						cps
Cadmium	106-1	0.73	-4.42	-0.10	-1.26		ppb
Cadmium	108-1	-0.07	-0.26	-0.14	-0.16		ppb
Cadmium	111-1	0.08	-0.30	0.01	-0.07		ppb
Calcium	43-1	-12.61	-3.36	-19.04	-11.67		ppb
Calcium	44-1	-82.96	-72.63	-92.27	-82.62		ppb
Chromium	52-2	0.18	0.13	0.09	0.13	33.67	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.25	0.22	0.16	0.21	21.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	1.82	2.06	1.83	1.90	7.31	ppb
Iron	56-2	0.29	0.06	-0.06	0.10	179.20	ppb
Iron	57-2	-1.46	-1.90	-1.76	-1.70		ppb
Krypton	83-1						cps
Lead	207-1	0.38	0.41	0.37	0.38	5.17	ppb
Lead	208-1	0.37	0.41	0.37	0.38	5.78	ppb
Lead	206-1	0.31	0.40	0.41	0.37	14.23	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	0.78	0.57	1.93	1.09	66.79	ppb
Manganese	55-2	0.53	0.43	0.43	0.46	11.47	ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	33.28	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	23.90	ppb
Molybdenum	96-1	0.07	0.04	0.06	0.06	28.74	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	28.27	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.03	34.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-35.48	-31.32	-51.46	-39.42		ppb
Potassium	39-2	13.25	19.24	17.69	16.73	18.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	0.75	1.72	0.34	0.94	75.63	ppb
Selenium	82-1	-1.35	-0.59	-1.00	-0.98		ppb
Silicon	28-1	-31.82	-28.80	-37.63	-32.75		ppb
Silver	109-1	0.01	0.01	0.00	0.01	41.54	ppb
Silver	107-1	0.01	0.00	0.00	0.00	214.67	ppb
Sodium	23-2	154.81	161.56	163.17	159.85	2.78	ppb
Strontium	86-1	0.06	0.13	0.12	0.10	34.85	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	75.91	ppb
Sulfur	34-1	234.52	840.87	49.77	375.05	110.34	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.03	0.06	0.05	35.81	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	10.64	ppb
Tin	118-1	-0.07	-0.09	-0.05	-0.07		ppb
Titanium	47-1	-0.45	-0.43	-0.52	-0.46		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				99		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.58	0.42	0.59	0.53	17.47	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	55.17	ppb
Zirconium	91-1	0.01	0.04	-0.01	0.01	152.91	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49299.01	51790.02	50748.67	50612.56	2.47	ppb
Antimony	121-1	463.11	450.91	478.25	464.09	2.95	ppb
Arsenic	75-2	476.82	486.96	483.12	482.30	1.06	ppb
Barium	135-1	2352.81	2328.65	2417.39	2366.29	1.94	ppb
Barium	137-1	2325.63	2270.57	2396.07	2330.76	2.70	ppb
Beryllium	9-1	481.28	494.91	509.70	495.29	2.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	441.19	493.59	534.56	489.78	9.56	ppb
Boron	10-1	443.30	493.99	541.68	492.99	9.98	ppb
Bromine	81-1						cps
Cadmium	106-1	449.27	449.89	465.38	454.85	2.01	ppb
Cadmium	108-1	456.55	447.38	458.66	454.20	1.32	ppb
Cadmium	111-1	457.47	448.85	468.59	458.30	2.16	ppb
Calcium	43-1	231211.96	227683.61	242825.53	233907.03	3.39	ppb
Calcium	44-1	229031.53	228956.14	242307.99	233431.89	3.29	ppb
Chromium	52-2	477.90	490.76	485.01	484.56	1.33	ppb
Cobalt	59-2	477.25	486.54	484.30	482.70	1.01	ppb
Copper	63-2	4675.01	4849.96	4806.59	4777.19	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	121160.17	123769.99	123417.29	122782.48	1.15	ppb
Iron	56-2	118888.38	122671.88	122288.22	121282.83	1.72	ppb
Iron	57-2	122404.54	124178.81	124725.08	123769.48	0.98	ppb
Krypton	83-1						cps
Lead	207-1	2313.45	2328.65	2448.17	2363.43	3.12	ppb
Lead	208-1	2298.33	2319.64	2432.54	2350.17	3.07	ppb
Lead	206-1	2289.60	2320.72	2446.14	2352.15	3.52	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	236570.21	249827.87	244185.64	243527.91	2.73	ppb
Manganese	55-2	4743.92	4900.34	4867.99	4837.42	1.71	ppb
Molybdenum	94-1	2291.20	2337.65	2363.76	2330.87	1.58	ppb
Molybdenum	95-1	2332.35	2303.63	2425.35	2353.78	2.70	ppb
Molybdenum	96-1	2318.99	2309.12	2435.13	2354.41	2.98	ppb
Molybdenum	97-1	2311.70	2317.04	2423.04	2350.59	2.67	ppb
Molybdenum	98-1	2300.38	2300.28	2435.45	2345.37	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.74	489.23	479.09	479.69	1.93	ppb
Phosphorus	31-2	9149.59	9782.98	9643.95	9525.50	3.49	ppb
Potassium	39-2	121544.24	127102.51	121211.12	123285.95	2.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	503.40	509.49	529.72	514.21	2.68	ppb
Selenium	78-2	485.94	504.49	485.11	491.85	2.23	ppb
Selenium	82-1	453.99	455.36	470.24	459.86	1.96	ppb
Silicon	28-1	462.94	478.60	550.06	497.20	9.34	ppb
Silver	109-1	461.58	450.65	470.39	460.87	2.15	ppb
Silver	107-1	460.30	451.72	464.09	458.70	1.38	ppb
Sodium	23-2	238747.83	249235.53	244723.44	244235.60	2.15	ppb
Strontium	86-1	467.88	462.42	473.12	467.81	1.14	ppb
Strontium	88-1	468.69	457.24	484.31	470.08	2.89	ppb
Sulfur	34-1	8161.31	6137.40	8427.77	7575.50	16.53	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	458.19	458.30	489.10	468.53	3.80	ppb
Thallium	205-1	455.86	464.99	494.43	471.76	4.27	ppb
Tin	118-1	467.37	454.02	474.13	465.17	2.20	ppb
Titanium	47-1	2283.71	2266.04	2447.94	2332.56	4.30	ppb
Uranium	238-1	463.92	476.86	493.23	478.01	3.07	ppb
Vanadium	51-2	484.59	502.58	488.49	491.89	1.92	ppb
Yttrium	89-1				109		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	4723.15	4851.37	4817.55	4797.36	1.39	ppb
Zirconium	90-1	467.15	467.36	490.49	475.00	2.82	ppb
Zirconium	91-1	465.67	460.17	486.99	470.94	3.01	ppb

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 17:41:58 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.30	-3.33	-3.73	-3.79		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.53	ppb
Arsenic	75-2	-0.04	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	0.02	-0.01	0.00	0.00	1217.00	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	4.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	13.44	13.65	13.03	13.37	2.35	ppb
Boron	10-1	13.51	13.68	11.87	13.02	7.67	ppb
Bromine	81-1						cps
Cadmium	106-1	0.13	-0.30	-2.08	-0.75		ppb
Cadmium	108-1	-0.14	-0.14	-0.26	-0.18		ppb
Cadmium	111-1	0.03	-0.01	-0.13	-0.04		ppb
Calcium	43-1	-23.64	-14.41	-12.69	-16.92		ppb
Calcium	44-1	-126.44	-127.58	-125.01	-126.34		ppb
Chromium	52-2	-0.01	0.03	0.01	0.01	244.84	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.18	0.25	0.23	0.22	16.12	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				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	2.55	0.77	0.81	1.38	73.78	ppb
Iron	56-2	0.05	0.00	0.14	0.07	110.74	ppb
Iron	57-2	-0.76	-2.53	-2.82	-2.04		ppb
Krypton	83-1						cps
Lead	207-1	0.34	0.40	0.33	0.35	10.37	ppb
Lead	208-1	0.40	0.39	0.39	0.39	1.27	ppb
Lead	206-1	0.41	0.33	0.46	0.40	17.47	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:41:58	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	0.84	-0.20	1.69	0.78	121.92	ppb
Manganese	55-2	0.52	0.46	0.40	0.46	13.36	ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	35.36	ppb
Molybdenum	95-1	0.07	0.00	0.03	0.04	100.23	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.51	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	80.49	ppb
Molybdenum	98-1	0.03	0.02	0.00	0.02	69.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.07	-0.06		ppb
Phosphorus	31-2	-42.06	-67.43	-53.99	-54.50		ppb
Potassium	39-2	2.56	24.05	29.94	18.85	76.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	2.93	-0.92	-0.92	0.37	606.01	ppb
Selenium	78-2	1.34	-0.71	0.81	0.48	221.87	ppb
Selenium	82-1	-1.11	0.06	-0.97	-0.67		ppb
Silicon	28-1	-53.56	-49.70	-58.07	-53.77		ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.44	ppb
Silver	107-1	0.01	0.01	0.00	0.01	58.68	ppb
Sodium	23-2	142.17	136.13	157.03	145.11	7.41	ppb
Strontium	86-1	0.03	0.03	-0.10	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1752.82	-1310.63	-2266.94	-1776.80		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.03	0.03	19.54	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	20.42	ppb
Tin	118-1	-0.12	-0.16	-0.09	-0.12		ppb
Titanium	47-1	-0.32	-0.50	-0.31	-0.37		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	32.83	ppb
Yttrium	89-1				105		%

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:41:58	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	0.61	0.35	0.17	0.37	58.61	ppb
Zirconium	90-1	0.03	0.01	-0.01	0.01	196.16	ppb
Zirconium	91-1	-0.02	0.03	0.02	0.01	229.80	ppb

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:45:11	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834	892	816	847	4.69	cps
Antimony	121-1	17	17	25	19	24.73	cps
Arsenic	75-2	19	25	12	19	34.86	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	25	17	17	19	24.73	cps
Beryllium	9-1	46	32	28	35	26.76	cps
Bismuth	209-1	2000663	2003344	2008644	2004217	0.20	cps
Bismuth	209-2	1224315	1220442	1216809	1220522	0.31	cps
Boron	11-1	222	260	250	244	8.07	cps
Boron	10-1	60	72	44	59	23.95	cps
Bromine	81-1	2192	1912	2142	2082	7.18	cps
Cadmium	106-1	2092	1900	1658	1884	11.53	cps
Cadmium	108-1	29	4	17	17	74.99	cps
Cadmium	111-1	1456	1340	1158	1318	11.43	cps
Calcium	43-1	492	600	633	575	12.88	cps
Calcium	44-1	102976	103178	103901	103351	0.47	cps
Chromium	52-2	1393	1557	1437	1462	5.79	cps
Cobalt	59-2	57	57	80	64	20.90	cps
Copper	63-2	643	527	593	588	9.96	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	23	3	20	16	68.90	cps
Holmium	165-1	3489625	3554214	3643882	3562574	2.17	cps
Holmium	165-2	1868248	1868979	1820494	1852574	1.50	cps
Indium	115-1	3626293	3628275	3611640	3622069	0.25	cps
Indium	115-2	678575	675489	671711	675258	0.51	cps
Iron	54-2	539	478	433	483	10.96	cps
Iron	56-2	3812	3662	3428	3634	5.32	cps
Iron	57-2	217	250	222	230	7.78	cps
Krypton	83-1	407	267	363	346	20.74	cps
Lead	207-1	150	178	189	172	11.63	cps
Lead	208-1	859	737	850	816	8.34	cps
Lead	206-1	217	189	261	222	16.40	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:45:11	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	693194	686120	685875	688396	0.60	cps
Magnesium	24-2	317	408	400	375	13.52	cps
Manganese	55-2	107	113	103	108	4.73	cps
Molybdenum	94-1	125	200	158	161	23.33	cps
Molybdenum	95-1	42	50	33	42	20.00	cps
Molybdenum	96-1	58	83	117	86	33.98	cps
Molybdenum	97-1	25	25	25	25	0.00	cps
Molybdenum	98-1	42	33	25	33	25.01	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	123	100	103	109	11.59	cps
Phosphorus	31-2	308	317	367	331	9.54	cps
Potassium	39-2	38352	37140	38293	37928	1.80	cps
Rhodium	103-1	3643086	3634037	3633221	3636781	0.15	cps
Rhodium	103-2	1927066	1888738	1896711	1904172	1.06	cps
Scandium	45-1	2378216	2420266	2414682	2404388	0.95	cps
Scandium	45-2	120124	119976	116921	119007	1.52	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	42	38	66	49	31.13	cps
Selenium	82-1	-42	93	6	19	367.22	cps
Silicon	28-1	752976	758493	750969	754146	0.52	cps
Silver	109-1	8	50	25	28	75.51	cps
Silver	107-1	50	17	42	36	48.03	cps
Sodium	23-2	59371	59890	59572	59611	0.44	cps
Strontium	86-1	617	542	483	547	12.22	cps
Strontium	88-1	58	83	125	89	37.88	cps
Sulfur	34-1	515248	507707	511960	511638	0.74	cps
Terbium	159-1	3771363	3714832	3794768	3760321	1.09	cps
Terbium	159-2	1890771	1819692	1846787	1852417	1.94	cps
Thallium	203-1	42	25	33	33	25.01	cps
Thallium	205-1	33	50	58	47	26.97	cps
Tin	118-1	975	867	983	942	6.91	cps
Titanium	47-1	942	725	1008	892	16.61	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	7178477	7300881	7184471	7221276	0.96	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:45:11	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	979824	983310	963298	975478	1.10	cps
Zinc	66-2	240	193	253	229	13.76	cps
Zirconium	90-1	233	200	233	222	8.66	cps
Zirconium	91-1	50	50	50	50	0.00	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398	1416	1268	1360	5.93	cps
Antimony	121-1	7035	6702	7210	6982	3.70	cps
Arsenic	75-2	206	189	165	187	11.03	cps
Barium	135-1	6377	7161	6927	6821	5.90	cps
Barium	137-1	11764	11522	12047	11778	2.23	cps
Beryllium	9-1	702	742	784	743	5.52	cps
Bismuth	209-1	2018688	2034336	1994312	2015779	1.00	cps
Bismuth	209-2	1231460	1155511	1210919	1199297	3.28	cps
Boron	11-1	6866	7793	8115	7591	8.54	cps
Boron	10-1	1460	1526	1772	1586	10.37	cps
Bromine	81-1	2232	1872	2162	2089	9.15	cps
Cadmium	106-1	1925	1959	1759	1881	5.70	cps
Cadmium	108-1	75	75	92	81	11.95	cps
Cadmium	111-1	2270	2256	1988	2171	7.33	cps
Calcium	43-1	5076	4601	5026	4901	5.33	cps
Calcium	44-1	174517	174930	173437	174295	0.44	cps
Chromium	52-2	3917	3887	3941	3915	0.68	cps
Cobalt	59-2	2194	1997	2090	2094	4.70	cps
Copper	63-2	3557	4034	3744	3778	6.36	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	17	7	20	14	48.02	cps
Holmium	165-1	3591565	3635759	3654114	3627146	0.89	cps
Holmium	165-2	1864762	1759712	1828437	1817637	2.94	cps
Indium	115-1	3720439	3598587	3723535	3680854	1.94	cps
Indium	115-2	687143	644627	674659	668810	3.27	cps
Iron	54-2	3195	3145	3145	3162	0.91	cps
Iron	56-2	51220	50115	49558	50298	1.68	cps
Iron	57-2	1311	1345	1339	1332	1.34	cps
Krypton	83-1	327	317	380	341	9.98	cps
Lead	207-1	1517	1667	1428	1537	7.86	cps
Lead	208-1	6587	6882	6254	6574	4.78	cps
Lead	206-1	1761	1756	1445	1654	10.96	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	685076	690114	687273	687488	0.37	cps
Magnesium	24-2	38501	39036	39362	38967	1.12	cps
Manganese	55-2	623	593	740	652	11.88	cps
Molybdenum	94-1	7144	6593	6752	6830	4.15	cps
Molybdenum	95-1	8003	8186	8053	8080	1.17	cps
Molybdenum	96-1	9178	9070	9570	9273	2.84	cps
Molybdenum	97-1	5209	5201	5393	5268	2.06	cps
Molybdenum	98-1	13057	12840	13699	13198	3.38	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	663	737	617	672	9.00	cps
Phosphorus	31-2	333	308	258	300	12.73	cps
Potassium	39-2	73102	72147	70212	71821	2.05	cps
Rhodium	103-1	3701993	3711841	3721624	3711819	0.26	cps
Rhodium	103-2	1904041	1808589	1872969	1861866	2.61	cps
Scandium	45-1	2418351	2455205	2477890	2450482	1.23	cps
Scandium	45-2	117566	110898	117946	115470	3.43	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	93	82	95	90	7.78	cps
Selenium	82-1	362	302	343	336	9.20	cps
Silicon	28-1	772004	770959	774393	772452	0.23	cps
Silver	109-1	3942	3617	3917	3826	4.73	cps
Silver	107-1	4159	3909	4317	4129	4.99	cps
Sodium	23-2	133355	135273	134086	134238	0.72	cps
Strontium	86-1	1683	1533	1692	1636	5.45	cps
Strontium	88-1	8836	9462	8620	8973	4.87	cps
Sulfur	34-1	518787	513960	516285	516344	0.47	cps
Terbium	159-1	3847369	3878878	3841475	3855907	0.52	cps
Terbium	159-2	1879330	1762929	1859016	1833758	3.39	cps
Thallium	203-1	1809	2275	2142	2075	11.58	cps
Thallium	205-1	4309	4543	4368	4406	2.76	cps
Tin	118-1	12489	12106	11981	12192	2.18	cps
Titanium	47-1	3259	3542	3250	3350	4.96	cps
Uranium	238-1	5176	5260	5285	5240	1.08	cps
Vanadium	51-2	5128	4804	4697	4876	4.59	cps
Yttrium	89-1	7196240	7314621	7339311	7283391	1.05	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:48:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	978713	931969	979155	963279	2.81	cps
Zinc	66-2	677	687	723	696	3.53	cps
Zirconium	90-1	6026	5835	5768	5876	2.28	cps
Zirconium	91-1	1558	1383	1025	1322	20.56	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28819	28584	28875	28759	0.54	cps
Antimony	121-1	198688	196024	196759	197157	0.70	cps
Arsenic	75-2	9729	9455	9599	9595	1.43	cps
Barium	135-1	195537	194305	189512	193118	1.65	cps
Barium	137-1	336696	333415	333753	334622	0.54	cps
Beryllium	9-1	38869	39174	38412	38818	0.99	cps
Bismuth	209-1	2032046	2020607	2345088	2132580	8.63	cps
Bismuth	209-2	1259638	1241637	1094445	1198574	7.56	cps
Boron	11-1	16226	17157	18492	17291	6.59	cps
Boron	10-1	3214	3648	3900	3587	9.67	cps
Bromine	81-1	1922	1972	2233	2042	8.16	cps
Cadmium	106-1	6693	6777	6694	6721	0.72	cps
Cadmium	108-1	3080	3538	3359	3325	6.95	cps
Cadmium	111-1	48222	47521	47182	47642	1.11	cps
Calcium	43-1	47621	48867	46793	47761	2.19	cps
Calcium	44-1	929240	909134	903213	913862	1.49	cps
Chromium	52-2	69207	69441	70108	69585	0.67	cps
Cobalt	59-2	114489	115629	115265	115127	0.51	cps
Copper	63-2	832542	838180	841817	837513	0.56	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Gadolinium	160-2	27	10	10	16	61.87	cps
Holmium	165-1	3594105	3652040	4221938	3822694	9.08	cps
Holmium	165-2	1878750	1897651	1635587	1803996	8.10	cps
Indium	115-1	3740573	3796042	4188368	3908328	6.25	cps
Indium	115-2	696757	692116	607580	665484	7.54	cps
Iron	54-2	145619	147010	146532	146387	0.48	cps
Iron	56-2	2653963	2591281	2635300	2626848	1.23	cps
Iron	57-2	64272	63391	64836	64166	1.14	cps
Krypton	83-1	423	407	287	372	20.03	cps
Lead	207-1	397653	403028	397403	399361	0.80	cps
Lead	208-1	1773977	1798465	1763199	1778547	1.02	cps
Lead	206-1	442932	447359	442366	444219	0.62	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	687112	689978	765187	714092	6.20	cps
Magnesium	24-2	428929	425570	436541	430346	1.31	cps
Manganese	55-2	324609	321836	326501	324315	0.72	cps
Molybdenum	94-1	386145	390323	382530	386332	1.01	cps
Molybdenum	95-1	470422	476662	462406	469830	1.52	cps
Molybdenum	96-1	516951	523937	516374	519087	0.81	cps
Molybdenum	97-1	292418	290327	289005	290583	0.59	cps
Molybdenum	98-1	760463	755643	737987	751364	1.57	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	31749	31588	32150	31829	0.91	cps
Phosphorus	31-2	2467	2992	2725	2728	9.62	cps
Potassium	39-2	233321	229616	233202	232047	0.91	cps
Rhodium	103-1	3758374	3756858	4326712	3947315	8.32	cps
Rhodium	103-2	1939898	1938636	1679994	1852843	8.08	cps
Scandium	45-1	2481533	2484707	2831643	2599294	7.74	cps
Scandium	45-2	120540	120360	103395	114765	8.58	cps
Selenium	77-2	123	200	143	156	25.56	cps
Selenium	78-2	465	517	481	488	5.46	cps
Selenium	82-1	3323	3338	3250	3304	1.43	cps
Silicon	28-1	889097	845392	895054	876514	3.09	cps
Silver	109-1	213115	214966	214119	214067	0.43	cps
Silver	107-1	228687	226938	225050	226892	0.80	cps
Sodium	23-2	902798	896816	906450	902021	0.54	cps
Strontium	86-1	59033	59510	58398	58980	0.95	cps
Strontium	88-1	514825	508689	508010	510508	0.74	cps
Sulfur	34-1	530193	521453	522895	524847	0.89	cps
Terbium	159-1	3935617	3877313	4489989	4100973	8.25	cps
Terbium	159-2	1945092	1894650	1658761	1832834	8.34	cps
Thallium	203-1	104495	104133	106946	105192	1.45	cps
Thallium	205-1	253645	250181	249922	251249	0.83	cps
Tin	118-1	134532	135879	131662	134024	1.61	cps
Titanium	47-1	132255	136698	129583	132845	2.71	cps
Uranium	238-1	293198	292902	283231	289777	1.96	cps
Vanadium	51-2	54881	54704	53734	54440	1.13	cps
Yttrium	89-1	7306671	7332637	8457102	7698803	8.53	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:51:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1020290	1000358	880629	967092	7.81	cps
Zinc	66-2	125095	124383	124602	124693	0.29	cps
Zirconium	90-1	314521	313854	313906	314093	0.12	cps
Zirconium	91-1	69724	71207	70169	70367	1.08	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:54:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71335	72034	70190	71186	1.31	cps
Antimony	121-1	502335	506854	501846	503678	0.55	cps
Arsenic	75-2	24251	23750	23496	23832	1.61	cps
Barium	135-1	485893	489140	488369	487801	0.35	cps
Barium	137-1	842475	852952	845026	846818	0.65	cps
Beryllium	9-1	96601	97441	96942	96995	0.44	cps
Bismuth	209-1	1736784	1997216	1989310	1907770	7.76	cps
Bismuth	209-2	1223993	1236115	1251124	1237077	1.10	cps
Boron	11-1	39718	44187	46277	43394	7.72	cps
Boron	10-1	8135	8771	9735	8880	9.08	cps
Bromine	81-1	2082	1992	1902	1992	4.52	cps
Cadmium	106-1	13866	13640	14008	13838	1.34	cps
Cadmium	108-1	8699	8373	8444	8505	2.01	cps
Cadmium	111-1	115870	119636	117831	117779	1.60	cps
Calcium	43-1	121267	120663	120335	120755	0.39	cps
Calcium	44-1	2037334	2071997	2063251	2057528	0.88	cps
Chromium	52-2	170328	169518	169485	169777	0.28	cps
Cobalt	59-2	288079	286438	281213	285244	1.26	cps
Copper	63-2	2078838	2041103	2055095	2058345	0.93	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	33	33	7	24	62.97	cps
Holmium	165-1	3102572	3613567	3562701	3426280	8.22	cps
Holmium	165-2	1875392	1882329	1909694	1889138	0.96	cps
Indium	115-1	3164790	3729674	3653954	3516139	8.72	cps
Indium	115-2	682600	690360	700860	691274	1.33	cps
Iron	54-2	364270	360367	353767	359468	1.48	cps
Iron	56-2	6444912	6504193	6392527	6447211	0.87	cps
Iron	57-2	164955	163538	159646	162713	1.69	cps
Krypton	83-1	470	383	397	417	11.20	cps
Lead	207-1	1020800	1005000	1027338	1017713	1.13	cps
Lead	208-1	4595424	4544057	4614837	4584773	0.80	cps
Lead	206-1	1130180	1128014	1136994	1131729	0.41	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:54:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	589612	672725	670355	644231	7.34	cps
Magnesium	24-2	1060936	1040914	1042749	1048199	1.06	cps
Manganese	55-2	814832	813625	800716	809724	0.97	cps
Molybdenum	94-1	971832	991662	984756	982750	1.02	cps
Molybdenum	95-1	1199055	1202352	1206244	1202551	0.30	cps
Molybdenum	96-1	1312958	1332838	1343433	1329743	1.16	cps
Molybdenum	97-1	743605	734343	734136	737362	0.73	cps
Molybdenum	98-1	1918647	1882765	1916460	1905958	1.06	cps
Neodymium	150-1	27	13	47	29	58.08	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	78321	76970	78576	77955	1.11	cps
Phosphorus	31-2	5851	5610	5760	5740	2.13	cps
Potassium	39-2	527738	532988	526526	529084	0.65	cps
Rhodium	103-1	3215356	3616624	3616738	3482906	6.65	cps
Rhodium	103-2	1910597	1954684	1959240	1941507	1.38	cps
Scandium	45-1	2098827	2445683	2410705	2318405	8.24	cps
Scandium	45-2	119828	120897	120181	120302	0.45	cps
Selenium	77-2	290	337	327	318	7.73	cps
Selenium	78-2	1124	1192	1133	1150	3.21	cps
Selenium	82-1	8334	8358	8142	8278	1.43	cps
Silicon	28-1	1015212	1011957	1009855	1012341	0.27	cps
Silver	109-1	541295	542968	542651	542305	0.16	cps
Silver	107-1	572063	579785	572439	574762	0.76	cps
Sodium	23-2	2086252	2097982	2140222	2108152	1.35	cps
Strontium	86-1	149106	150975	149746	149942	0.63	cps
Strontium	88-1	1287813	1308857	1303688	1300119	0.84	cps
Sulfur	34-1	544170	547848	554591	548870	0.96	cps
Terbium	159-1	3269749	3898249	3809966	3659321	9.30	cps
Terbium	159-2	1927125	1930323	1937533	1931661	0.28	cps
Thallium	203-1	267552	269812	268619	268661	0.42	cps
Thallium	205-1	643365	638998	642034	641466	0.35	cps
Tin	118-1	341281	341283	345753	342772	0.75	cps
Titanium	47-1	327675	338226	334815	333572	1.61	cps
Uranium	238-1	732108	739991	739883	737327	0.61	cps
Vanadium	51-2	135033	135353	132831	134405	1.02	cps
Yttrium	89-1	6331902	7368212	7293593	6997902	8.26	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:54:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1005987	1012687	1014983	1011219	0.46	cps
Zinc	66-2	308169	305744	305552	306488	0.48	cps
Zirconium	90-1	801979	796814	804123	800972	0.47	cps
Zirconium	91-1	176991	180204	179301	178832	0.93	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141771	138756	141312	140613	1.16	cps
Antimony	121-1	1038198	1009530	1026516	1024748	1.41	cps
Arsenic	75-2	48836	47729	47806	48124	1.28	cps
Barium	135-1	984326	980262	1000752	988447	1.10	cps
Barium	137-1	1689525	1699690	1674770	1687995	0.74	cps
Beryllium	9-1	193054	193811	194342	193736	0.33	cps
Bismuth	209-1	1897921	1991824	2076716	1988820	4.50	cps
Bismuth	209-2	1072089	1402216	1199338	1224548	13.60	cps
Boron	11-1	78775	86350	90888	85338	7.17	cps
Boron	10-1	16296	17643	18422	17454	6.16	cps
Bromine	81-1	2022	1962	2042	2009	2.08	cps
Cadmium	106-1	25649	25916	25499	25688	0.82	cps
Cadmium	108-1	16714	16610	17161	16828	1.74	cps
Cadmium	111-1	236726	234766	234453	235315	0.52	cps
Calcium	43-1	239592	241518	237983	239697	0.74	cps
Calcium	44-1	3977775	3974408	3957677	3969953	0.27	cps
Chromium	52-2	344935	335561	338548	339682	1.41	cps
Cobalt	59-2	576729	559280	562646	566219	1.63	cps
Copper	63-2	4194211	4039103	4096006	4109773	1.91	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	75	58	17	50	60.09	cps
Gadolinium	160-2	27	37	23	29	24.03	cps
Holmium	165-1	3435077	3608779	3743402	3595753	4.30	cps
Holmium	165-2	1646650	2150395	1834404	1877150	13.56	cps
Indium	115-1	3460152	3691203	3812967	3654774	4.90	cps
Indium	115-2	597676	776435	664711	679607	13.29	cps
Iron	54-2	739418	716632	713920	723323	1.94	cps
Iron	56-2	13270077	12770892	12961876	13000948	1.94	cps
Iron	57-2	330083	316576	319744	322134	2.19	cps
Krypton	83-1	400	407	373	393	4.49	cps
Lead	207-1	2135890	2104900	2082100	2107630	1.28	cps
Lead	208-1	9447217	9299062	9309625	9351968	0.88	cps
Lead	206-1	2336560	2299767	2298180	2311502	0.94	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	654417	686760	697535	679571	3.30	cps
Magnesium	24-2	2186806	2105865	2114433	2135701	2.08	cps
Manganese	55-2	1654415	1613077	1606476	1624656	1.60	cps
Molybdenum	94-1	1969011	1937265	1979511	1961929	1.12	cps
Molybdenum	95-1	2412190	2425138	2414374	2417234	0.29	cps
Molybdenum	96-1	2614328	2634053	2685532	2644638	1.39	cps
Molybdenum	97-1	1485172	1429906	1479105	1464728	2.07	cps
Molybdenum	98-1	3809449	3798888	3774479	3794272	0.47	cps
Neodymium	150-1	53	47	27	42	32.86	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	158364	153215	154032	155204	1.78	cps
Phosphorus	31-2	11955	11321	11605	11627	2.73	cps
Potassium	39-2	1025036	1001407	1002547	1009663	1.32	cps
Rhodium	103-1	3416862	3606417	3753352	3592210	4.70	cps
Rhodium	103-2	1654195	2125022	1846809	1875342	12.62	cps
Scandium	45-1	2282092	2462142	2530144	2424793	5.29	cps
Scandium	45-2	103332	132645	115501	117160	12.57	cps
Selenium	77-2	693	617	603	638	7.62	cps
Selenium	78-2	2166	2242	2191	2200	1.76	cps
Selenium	82-1	16615	16779	16913	16769	0.89	cps
Silicon	28-1	1268222	1257458	1284343	1270008	1.07	cps
Silver	109-1	1099765	1105845	1084286	1096632	1.01	cps
Silver	107-1	1167063	1147497	1164868	1159809	0.92	cps
Sodium	23-2	4289520	4244468	4185487	4239825	1.23	cps
Strontium	86-1	302465	304403	301135	302668	0.54	cps
Strontium	88-1	2577764	2592646	2601550	2590653	0.46	cps
Sulfur	34-1	588726	588144	592665	589845	0.42	cps
Terbium	159-1	3614882	3902770	3994722	3837458	5.16	cps
Terbium	159-2	1651097	2163347	1839397	1884614	13.75	cps
Thallium	203-1	549732	546384	546432	547516	0.35	cps
Thallium	205-1	1302014	1298155	1294732	1298300	0.28	cps
Tin	118-1	691690	683199	683640	686176	0.70	cps
Titanium	47-1	666086	663649	662951	664229	0.25	cps
Uranium	238-1	1510899	1493015	1498607	1500840	0.61	cps
Vanadium	51-2	277883	268825	271834	272848	1.69	cps
Yttrium	89-1	6815271	7305298	7547535	7222701	5.17	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 14:57:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	871846	1141090	958445	990460	13.88	cps
Zinc	66-2	624275	607316	607587	613059	1.58	cps
Zirconium	90-1	1596046	1614191	1609149	1606462	0.58	cps
Zirconium	91-1	365271	356685	355179	359045	1.52	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275613	273720	279122	276152	0.99	cps
Antimony	121-1	1969825	2023951	2023519	2005765	1.55	cps
Arsenic	75-2	95102	95010	95425	95179	0.23	cps
Barium	135-1	1918459	1991411	1946657	1952176	1.88	cps
Barium	137-1	3343944	3391835	3363352	3366377	0.72	cps
Beryllium	9-1	381156	383520	380984	381887	0.37	cps
Bismuth	209-1	2064968	2103119	2147117	2105068	1.95	cps
Bismuth	209-2	1262497	1276907	1234915	1258106	1.70	cps
Boron	11-1	157393	169929	185310	170877	8.18	cps
Boron	10-1	32223	34429	37705	34786	7.93	cps
Bromine	81-1	2142	1922	2383	2149	10.72	cps
Cadmium	106-1	48209	48369	49422	48667	1.35	cps
Cadmium	108-1	32777	33194	33010	32994	0.63	cps
Cadmium	111-1	455697	465847	472733	464759	1.84	cps
Calcium	43-1	472016	477773	483903	477897	1.24	cps
Calcium	44-1	7677873	7950635	7823530	7817346	1.75	cps
Chromium	52-2	662620	661823	661327	661923	0.10	cps
Cobalt	59-2	1120805	1119323	1112711	1117613	0.39	cps
Copper	63-2	8018670	8006986	7976902	8000853	0.27	cps
Dysprosium	156-1	50	25	0	25	100.00	cps
Dysprosium	156-2	7	33	13	18	78.05	cps
Erbium	164-1	17	42	0	19	107.85	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	117	92	42	83	45.82	cps
Gadolinium	160-2	17	37	23	26	39.85	cps
Holmium	165-1	3726222	3723751	3806557	3752177	1.26	cps
Holmium	165-2	1909728	1966033	1872542	1916101	2.46	cps
Indium	115-1	3653865	3826167	3885404	3788479	3.17	cps
Indium	115-2	694515	701645	685974	694045	1.13	cps
Iron	54-2	1451018	1421982	1440402	1437801	1.02	cps
Iron	56-2	25241452	25169246	25433334	25281344	0.54	cps
Iron	57-2	629099	625561	629566	628075	0.35	cps
Krypton	83-1	463	410	387	420	9.36	cps
Lead	207-1	4131414	4144954	4222948	4166439	1.19	cps
Lead	208-1	18268100	18451527	18660455	18460027	1.06	cps
Lead	206-1	4614313	4618082	4601942	4611445	0.18	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	704054	710321	709768	708048	0.49	cps
Magnesium	24-2	4076559	4057381	4097244	4077062	0.49	cps
Manganese	55-2	3196273	3144752	3159280	3166768	0.84	cps
Molybdenum	94-1	3762954	3858221	3843123	3821432	1.34	cps
Molybdenum	95-1	4663606	4685555	4695180	4681447	0.35	cps
Molybdenum	96-1	5206553	5276287	5311920	5264920	1.02	cps
Molybdenum	97-1	2848363	2892904	2909217	2883495	1.09	cps
Molybdenum	98-1	7228870	7365139	7456938	7350316	1.56	cps
Neodymium	150-1	100	80	73	84	16.43	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	306696	305529	304922	305716	0.30	cps
Phosphorus	31-2	23252	23169	23353	23258	0.40	cps
Potassium	39-2	1943475	1940488	1887094	1923686	1.65	cps
Rhodium	103-1	3709608	3702124	3845765	3752499	2.15	cps
Rhodium	103-2	1942517	1955242	1903128	1933629	1.41	cps
Scandium	45-1	2512039	2567052	2523824	2534305	1.14	cps
Scandium	45-2	120205	121721	117984	119970	1.57	cps
Selenium	77-2	1280	1340	1187	1269	6.09	cps
Selenium	78-2	4400	4359	4367	4375	0.50	cps
Selenium	82-1	32869	33156	33484	33169	0.93	cps
Silicon	28-1	1815083	1814309	1841855	1823749	0.86	cps
Silver	109-1	2133025	2143075	2133407	2136503	0.27	cps
Silver	107-1	2265307	2264457	2295899	2275221	0.79	cps
Sodium	23-2	7963449	8231351	8121874	8105558	1.66	cps
Strontium	86-1	591780	607843	607455	602360	1.52	cps
Strontium	88-1	4956573	5090891	5173526	5073663	2.16	cps
Sulfur	34-1	664191	662042	667263	664499	0.39	cps
Terbium	159-1	4009207	3982758	4021778	4004581	0.50	cps
Terbium	159-2	1955652	1980842	1899114	1945203	2.15	cps
Thallium	203-1	1085745	1076365	1085522	1082544	0.49	cps
Thallium	205-1	2534170	2547569	2607023	2562921	1.51	cps
Tin	118-1	1325610	1377353	1379658	1360874	2.25	cps
Titanium	47-1	1291485	1334529	1313338	1313117	1.64	cps
Uranium	238-1	2954068	3061271	3043218	3019519	1.90	cps
Vanadium	51-2	542419	536829	542736	540661	0.61	cps
Yttrium	89-1	7411532	7516599	7839844	7589325	2.94	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:00:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1017289	1032119	989061	1012823	2.16	cps
Zinc	66-2	1193634	1192608	1207593	1197945	0.70	cps
Zirconium	90-1	3113965	3219049	3236991	3190002	2.08	cps
Zirconium	91-1	704656	720957	718900	714838	1.24	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:03:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	546810	545057	544746	545538	0.20	cps
Antimony	121-1	3877568	4009147	3950598	3945771	1.67	cps
Arsenic	75-2	190591	189246	188931	189589	0.47	cps
Barium	135-1	3829406	3824951	3844444	3832933	0.27	cps
Barium	137-1	6652976	6769013	6740275	6720755	0.90	cps
Beryllium	9-1	746977	754238	738209	746475	1.08	cps
Bismuth	209-1	1954499	2033535	2020545	2002860	2.12	cps
Bismuth	209-2	1251190	1264585	1257805	1257860	0.53	cps
Boron	11-1	310160	341237	363144	338180	7.87	cps
Boron	10-1	64214	70212	74235	69554	7.25	cps
Bromine	81-1	2052	2353	1892	2099	11.14	cps
Cadmium	106-1	95034	94917	93952	94634	0.63	cps
Cadmium	108-1	65274	65509	66781	65855	1.23	cps
Cadmium	111-1	903013	915840	910451	909768	0.71	cps
Calcium	43-1	946472	958060	946001	950178	0.72	cps
Calcium	44-1	15374490	15270862	15281234	15308862	0.37	cps
Chromium	52-2	1344940	1341181	1314986	1333702	1.22	cps
Cobalt	59-2	2223536	2225213	2184306	2211018	1.05	cps
Copper	63-2	16019839	16015789	15744909	15926846	0.99	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	37	33	23	31	22.31	cps
Erbium	164-1	58	67	17	47	56.72	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	142	83	125	117	25.75	cps
Gadolinium	160-2	30	40	67	46	41.61	cps
Holmium	165-1	3594606	3750489	3752563	3699219	2.45	cps
Holmium	165-2	1976179	1976759	1952254	1968397	0.71	cps
Indium	115-1	3532374	3657826	3747142	3645781	2.96	cps
Indium	115-2	689984	687371	687973	688443	0.20	cps
Iron	54-2	2870113	2926304	2842473	2879630	1.48	cps
Iron	56-2	50882237	50752729	50058029	50564332	0.88	cps
Iron	57-2	1251829	1250370	1249225	1250474	0.10	cps
Krypton	83-1	343	340	383	356	6.78	cps
Lead	207-1	8157029	8137130	8124850	8139670	0.20	cps
Lead	208-1	36186863	36202964	36485611	36291812	0.46	cps
Lead	206-1	9001072	9010455	9148594	9053374	0.91	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:03:31 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	678704	704932	697931	693856	1.96	cps
Magnesium	24-2	8149375	8107690	7959090	8072052	1.24	cps
Manganese	55-2	6359302	6438920	6370853	6389692	0.67	cps
Molybdenum	94-1	7649809	7563892	7519546	7577749	0.87	cps
Molybdenum	95-1	9288243	9423355	9312314	9341304	0.77	cps
Molybdenum	96-1	10338586	10420161	10300856	10353201	0.59	cps
Molybdenum	97-1	5652063	5782426	5752568	5729019	1.19	cps
Molybdenum	98-1	14770974	15065823	14694978	14843925	1.32	cps
Neodymium	150-1	153	100	100	118	26.15	cps
Neodymium	150-2	33	23	27	28	18.33	cps
Nickel	60-2	603322	609261	600839	604474	0.72	cps
Phosphorus	31-2	45731	45681	42989	44800	3.50	cps
Potassium	39-2	3788229	3685420	3692739	3722129	1.54	cps
Rhodium	103-1	3618499	3686928	3690042	3665156	1.10	cps
Rhodium	103-2	1882457	1909660	1902944	1898354	0.75	cps
Scandium	45-1	2375900	2487425	2491483	2451603	2.68	cps
Scandium	45-2	122520	120927	121572	121673	0.66	cps
Selenium	77-2	2497	2567	2527	2530	1.39	cps
Selenium	78-2	8707	8632	8695	8678	0.46	cps
Selenium	82-1	65279	65417	66385	65694	0.92	cps
Silicon	28-1	2650396	2689061	2712120	2683859	1.16	cps
Silver	109-1	4157339	4137991	4247349	4180893	1.40	cps
Silver	107-1	4462145	4420582	4515093	4465940	1.06	cps
Sodium	23-2	16285087	16141627	15784907	16070540	1.60	cps
Strontium	86-1	1172413	1204838	1200401	1192551	1.47	cps
Strontium	88-1	9913114	10083618	10259404	10085379	1.72	cps
Sulfur	34-1	813769	825164	819376	819436	0.70	cps
Terbium	159-1	3887607	3961196	4009867	3952890	1.56	cps
Terbium	159-2	1971679	1966246	1952542	1963489	0.50	cps
Thallium	203-1	2127839	2169035	2161719	2152864	1.02	cps
Thallium	205-1	5023620	5055422	5116488	5065177	0.93	cps
Tin	118-1	2663144	2657798	2658086	2659676	0.11	cps
Titanium	47-1	2642197	2568274	2607361	2605944	1.42	cps
Uranium	238-1	5915587	5980364	5948613	5948188	0.54	cps
Vanadium	51-2	1078441	1076105	1073156	1075901	0.25	cps
Yttrium	89-1	7212726	7371840	7595982	7393516	2.60	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:03:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1020164	1011856	1019947	1017322	0.47	cps
Zinc	66-2	2375987	2369800	2369866	2371885	0.15	cps
Zirconium	90-1	6124887	6243195	6257074	6208385	1.17	cps
Zirconium	91-1	1379987	1410691	1417337	1402671	1.42	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2911432	2861261	2890927	2887873	0.87	cps
Antimony	121-1	2742	3242	2809	2931	9.27	cps
Arsenic	75-2	102	97	105	101	3.99	cps
Barium	135-1	7694	7402	7769	7622	2.54	cps
Barium	137-1	11772	12831	13224	12609	5.96	cps
Beryllium	9-1	262	208	180	217	19.24	cps
Bismuth	209-1	2005247	1999199	1988694	1997713	0.42	cps
Bismuth	209-2	1241661	1253130	1364897	1286562	5.29	cps
Boron	11-1	36325	32307	29538	32723	10.43	cps
Boron	10-1	7388	6702	6356	6816	7.71	cps
Bromine	81-1	2192	2383	2423	2333	5.27	cps
Cadmium	106-1	1758	2042	2217	2006	11.53	cps
Cadmium	108-1	63	79	54	65	19.50	cps
Cadmium	111-1	1687	1707	1897	1764	6.57	cps
Calcium	43-1	4636374	4655115	4736243	4675911	1.14	cps
Calcium	44-1	75863118	75776070	77263104	76300764	1.09	cps
Chromium	52-2	7149	7125	6848	7041	2.37	cps
Cobalt	59-2	4047	4257	4141	4148	2.54	cps
Copper	63-2	6472	6732	6868	6691	3.01	cps
Dysprosium	156-1	200	200	242	214	11.25	cps
Dysprosium	156-2	123	117	107	116	7.26	cps
Erbium	164-1	83	42	17	47	71.32	cps
Erbium	164-2	43	27	33	34	24.35	cps
Gadolinium	160-1	200	225	350	258	31.11	cps
Gadolinium	160-2	140	107	147	131	16.34	cps
Holmium	165-1	3840693	3775844	3848816	3821784	1.05	cps
Holmium	165-2	2035417	2042887	2213967	2097424	4.82	cps
Indium	115-1	3763053	3694527	3796291	3751290	1.38	cps
Indium	115-2	717319	724043	785814	742392	5.09	cps
Iron	54-2	14268063	14250475	14109712	14209417	0.61	cps
Iron	56-2	256885289	261946217	260554084	259795197	1.01	cps
Iron	57-2	6343160	6534743	6389156	6422353	1.56	cps
Krypton	83-1	367	367	323	352	7.10	cps
Lead	207-1	3495	3462	3523	3493	0.88	cps
Lead	208-1	15727	15571	15532	15610	0.66	cps
Lead	206-1	4106	4017	3917	4014	2.36	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	727916	734930	742744	735197	1.01	cps
Magnesium	24-2	40707344	40882572	40907778	40832564	0.27	cps
Manganese	55-2	5384	5374	5271	5343	1.17	cps
Molybdenum	94-1	2700	2892	2567	2720	6.01	cps
Molybdenum	95-1	3367	3317	2750	3145	10.89	cps
Molybdenum	96-1	4034	3959	3992	3995	0.94	cps
Molybdenum	97-1	2050	1900	2042	1997	4.22	cps
Molybdenum	98-1	5209	4409	4593	4737	8.85	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2304	2404	2320	2342	2.29	cps
Phosphorus	31-2	308	300	200	269	22.37	cps
Potassium	39-2	18937939	19109501	19490755	19179398	1.48	cps
Rhodium	103-1	3582531	3645678	3673037	3633749	1.28	cps
Rhodium	103-2	1910080	1911591	2101362	1974344	5.57	cps
Scandium	45-1	2545987	2527037	2547902	2540309	0.45	cps
Scandium	45-2	124585	124770	136193	128516	5.17	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	55	57	49	54	7.76	cps
Selenium	82-1	37	28	64	43	43.37	cps
Silicon	28-1	850919	843542	830920	841794	1.20	cps
Silver	109-1	2284	2317	2434	2345	3.36	cps
Silver	107-1	2367	2650	2459	2492	5.80	cps
Sodium	23-2	81149298	81526173	81500310	81391927	0.26	cps
Strontium	86-1	7961	7427	7369	7586	4.30	cps
Strontium	88-1	58883	59904	59067	59285	0.92	cps
Sulfur	34-1	493674	501166	507421	500754	1.37	cps
Terbium	159-1	4035933	4101471	4048331	4061912	0.86	cps
Terbium	159-2	2049015	2073813	2208315	2110381	4.06	cps
Thallium	203-1	1683	1542	1417	1547	8.62	cps
Thallium	205-1	3742	3526	3109	3459	9.31	cps
Tin	118-1	1925	1708	2109	1914	10.46	cps
Titanium	47-1	1108	1242	1175	1175	5.67	cps
Uranium	238-1	1017	1200	917	1045	13.76	cps
Vanadium	51-2	237	257	263	252	5.50	cps
Yttrium	89-1	7563910	7627991	7690731	7627544	0.83	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:06:32	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1056547	1059379	1159551	1091826	5.37	cps
Zinc	66-2	4938	5454	5431	5274	5.53	cps
Zirconium	90-1	2175	2459	2300	2311	6.14	cps
Zirconium	91-1	483	525	550	519	6.48	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14226	13822	14314	14121	1.86	cps
Antimony	121-1	737220	736096	745157	739491	0.67	cps
Arsenic	75-2	35428	35790	35610	35609	0.51	cps
Barium	135-1	74656	74781	76366	75267	1.27	cps
Barium	137-1	129760	132891	129954	130868	1.34	cps
Beryllium	9-1	71496	72253	73065	72271	1.09	cps
Bismuth	209-1	2003108	2052489	2091521	2049039	2.16	cps
Bismuth	209-2	1282734	1279931	1228774	1263813	2.40	cps
Boron	11-1	164930	190155	199883	184989	9.75	cps
Boron	10-1	33958	38134	41083	37725	9.49	cps
Bromine	81-1	2092	1842	1922	1952	6.55	cps
Cadmium	106-1	15893	15768	16051	15904	0.89	cps
Cadmium	108-1	8690	9149	8982	8940	2.60	cps
Cadmium	111-1	91712	92318	92092	92041	0.33	cps
Calcium	43-1	20165	19597	19589	19784	1.67	cps
Calcium	44-1	435275	442422	442232	439976	0.93	cps
Chromium	52-2	129728	129022	128945	129232	0.33	cps
Cobalt	59-2	216860	216117	216684	216554	0.18	cps
Copper	63-2	165823	162194	165597	164538	1.24	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	50	92	33	58	51.51	cps
Gadolinium	160-2	43	23	13	27	57.29	cps
Holmium	165-1	3585982	3683359	3651332	3640224	1.36	cps
Holmium	165-2	1947568	1921362	1884867	1917933	1.64	cps
Indium	115-1	3634215	3714376	3760925	3703172	1.73	cps
Indium	115-2	698387	697947	670245	688860	2.34	cps
Iron	54-2	107260	108862	110748	108957	1.60	cps
Iron	56-2	1918510	1905656	1923860	1916009	0.49	cps
Iron	57-2	47345	45907	48466	47240	2.71	cps
Krypton	83-1	370	343	350	354	3.92	cps
Lead	207-1	304885	308706	309766	307786	0.83	cps
Lead	208-1	1406211	1403715	1406977	1405635	0.12	cps
Lead	206-1	371493	364130	364444	366689	1.14	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	704799	722753	719399	715651	1.33	cps
Magnesium	24-2	95689	95841	94028	95186	1.06	cps
Manganese	55-2	66497	64719	67244	66154	1.96	cps
Molybdenum	94-1	3930849	4028829	3929591	3963090	1.44	cps
Molybdenum	95-1	4726302	4747409	4724134	4732615	0.27	cps
Molybdenum	96-1	5302910	5306727	5312530	5307389	0.09	cps
Molybdenum	97-1	2912968	2896148	2904651	2904589	0.29	cps
Molybdenum	98-1	7519244	7369019	7403583	7430615	1.06	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	60320	59303	60136	59920	0.90	cps
Phosphorus	31-2	242	292	242	258	11.18	cps
Potassium	39-2	179314	179330	180992	179879	0.54	cps
Rhodium	103-1	3748151	3775249	3735548	3752983	0.54	cps
Rhodium	103-2	1951626	1962987	1860790	1925134	2.91	cps
Scandium	45-1	2393456	2504981	2467927	2455455	2.31	cps
Scandium	45-2	119270	119485	117262	118672	1.03	cps
Selenium	77-2	500	553	470	508	8.31	cps
Selenium	78-2	1696	1784	1683	1721	3.19	cps
Selenium	82-1	12467	12854	12676	12666	1.53	cps
Silicon	28-1	1712145	1744501	1729869	1728839	0.94	cps
Silver	109-1	198086	197891	197804	197927	0.07	cps
Silver	107-1	209919	211118	209678	210238	0.37	cps
Sodium	23-2	374617	379231	379958	377936	0.77	cps
Strontium	86-1	650492	651464	647175	649710	0.35	cps
Strontium	88-1	5488185	5467087	5554940	5503404	0.83	cps
Sulfur	34-1	511705	508920	503667	508097	0.80	cps
Terbium	159-1	3859576	3978759	3972673	3937003	1.70	cps
Terbium	159-2	2009266	1956057	1874136	1946486	3.50	cps
Thallium	203-1	414031	419495	416211	416579	0.66	cps
Thallium	205-1	996417	986863	985047	989442	0.62	cps
Tin	118-1	1474130	1491276	1483365	1482924	0.58	cps
Titanium	47-1	1343329	1365619	1334446	1347798	1.19	cps
Uranium	238-1	3474068	3527569	3534218	3511952	0.94	cps
Vanadium	51-2	106963	108041	108548	107851	0.75	cps
Yttrium	89-1	7142413	7538748	7428333	7369831	2.78	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:23:20	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1016684	1017942	972781	1002469	2.57	cps
Zinc	66-2	46934	46185	47486	46868	1.39	cps
Zirconium	90-1	3324223	3496846	3438392	3419821	2.57	cps
Zirconium	91-1	765408	779218	773596	772741	0.90	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:30:07 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856	888	882	875	1.94	cps
Antimony	121-1	83	25	83	64	52.72	cps
Arsenic	75-2	18	21	14	18	19.88	cps
Barium	135-1	50	0	8	19	137.78	cps
Barium	137-1	8	25	8	14	69.31	cps
Beryllium	9-1	74	58	38	57	31.84	cps
Bismuth	209-1	2032023	2037169	2046665	2038619	0.36	cps
Bismuth	209-2	1263840	1267904	1260431	1264058	0.30	cps
Boron	11-1	4222	3982	3870	4024	4.47	cps
Boron	10-1	924	848	864	879	4.56	cps
Bromine	81-1	2112	2162	1972	2082	4.74	cps
Cadmium	106-1	1692	1900	1408	1667	14.81	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Cadmium	111-1	1191	1344	990	1175	15.12	cps
Calcium	43-1	442	558	358	453	22.19	cps
Calcium	44-1	114800	115909	116178	115629	0.63	cps
Chromium	52-2	1510	1380	1513	1468	5.18	cps
Cobalt	59-2	50	80	93	74	29.81	cps
Copper	63-2	717	660	813	730	10.62	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	3652248	3642569	3627342	3640719	0.34	cps
Holmium	165-2	1937206	1920833	1924243	1927427	0.45	cps
Indium	115-1	3700433	3753010	3754895	3736113	0.83	cps
Indium	115-2	697561	705191	700312	701022	0.55	cps
Iron	54-2	594	544	594	578	5.00	cps
Iron	56-2	4023	3956	4134	4038	2.23	cps
Iron	57-2	222	244	294	254	14.58	cps
Krypton	83-1	453	313	350	372	19.50	cps
Lead	207-1	561	483	578	541	9.32	cps
Lead	208-1	2459	2483	2385	2442	2.09	cps
Lead	206-1	533	622	539	565	8.82	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:30:07 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	669594	682718	687609	679974	1.37	cps
Magnesium	24-2	558	442	350	450	23.20	cps
Manganese	55-2	110	127	107	114	9.36	cps
Molybdenum	94-1	267	258	250	258	3.23	cps
Molybdenum	95-1	225	192	142	186	22.54	cps
Molybdenum	96-1	358	158	258	258	38.71	cps
Molybdenum	97-1	158	67	92	106	44.89	cps
Molybdenum	98-1	408	325	200	311	33.70	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	87	87	78	19.80	cps
Phosphorus	31-2	225	267	183	225	18.52	cps
Potassium	39-2	38101	38603	39145	38616	1.35	cps
Rhodium	103-1	3662700	3780401	3717792	3720298	1.58	cps
Rhodium	103-2	1931875	1946545	1977932	1952117	1.21	cps
Scandium	45-1	2430350	2468891	2425047	2441429	0.98	cps
Scandium	45-2	117775	119737	118397	118636	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	50	50	47	49	3.55	cps
Selenium	82-1	-56	61	20	8	701.80	cps
Silicon	28-1	707479	698184	697414	701026	0.80	cps
Silver	109-1	25	17	42	28	45.82	cps
Silver	107-1	17	67	33	39	65.47	cps
Sodium	23-2	65599	65715	66527	65947	0.77	cps
Strontium	86-1	658	625	567	617	7.52	cps
Strontium	88-1	117	83	158	119	31.46	cps
Sulfur	34-1	496713	494211	498560	496495	0.44	cps
Terbium	159-1	3804523	3919411	3888650	3870861	1.54	cps
Terbium	159-2	1906297	1907339	1889831	1901156	0.52	cps
Thallium	203-1	67	117	100	94	26.96	cps
Thallium	205-1	250	342	217	269	24.02	cps
Tin	118-1	492	400	608	500	20.88	cps
Titanium	47-1	675	917	750	781	15.85	cps
Uranium	238-1	50	50	33	44	21.66	cps
Vanadium	51-2	23	30	13	22	37.76	cps
Yttrium	89-1	7215565	7245808	7345132	7268835	0.93	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:30:07	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1001810	1009754	1001006	1004190	0.48	cps
Zinc	66-2	163	200	203	189	11.75	cps
Zirconium	90-1	300	400	300	333	17.32	cps
Zirconium	91-1	92	100	17	69	66.09	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:32:55 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2443301	2482348	2494422	2473357	1.08	cps
Antimony	121-1	4242	4176	4126	4181	1.40	cps
Arsenic	75-2	91	71	76	79	13.12	cps
Barium	135-1	1033	1158	1058	1083	6.11	cps
Barium	137-1	1909	1834	1675	1806	6.60	cps
Beryllium	9-1	204	236	246	229	9.59	cps
Bismuth	209-1	2057191	2068259	2062847	2062766	0.27	cps
Bismuth	209-2	1270930	1252411	1288373	1270571	1.42	cps
Boron	11-1	3948	3776	3682	3802	3.55	cps
Boron	10-1	778	760	754	764	1.64	cps
Bromine	81-1	3464	3284	3164	3304	4.58	cps
Cadmium	106-1	1934	1784	2009	1909	6.00	cps
Cadmium	108-1	583	588	567	579	1.90	cps
Cadmium	111-1	1545	1612	1655	1604	3.46	cps
Calcium	43-1	874838	885284	883809	881310	0.64	cps
Calcium	44-1	14012070	14470570	14266618	14249752	1.61	cps
Chromium	52-2	26408	26224	26174	26269	0.47	cps
Cobalt	59-2	2387	2404	2464	2418	1.67	cps
Copper	63-2	13226	13446	13707	13460	1.79	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	17	67	33	39	65.47	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	67	117	67	83	34.64	cps
Gadolinium	160-2	20	10	33	21	55.45	cps
Holmium	165-1	3725289	3823426	3794683	3781133	1.33	cps
Holmium	165-2	2000415	1970194	2005041	1991883	0.95	cps
Indium	115-1	3758272	3799885	3836506	3798221	1.03	cps
Indium	115-2	713841	710841	721213	715298	0.75	cps
Iron	54-2	5170734	5158844	5250087	5193222	0.96	cps
Iron	56-2	93532930	94343641	93690041	93855537	0.46	cps
Iron	57-2	2373816	2375199	2404904	2384640	0.74	cps
Krypton	83-1	353	353	410	372	8.79	cps
Lead	207-1	6735	7102	6963	6933	2.67	cps
Lead	208-1	32685	34007	34354	33682	2.61	cps
Lead	206-1	8709	9059	9131	8966	2.52	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:32:55 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	682186	700079	696661	692975	1.37	cps
Magnesium	24-2	7131542	7084958	7246355	7154285	1.16	cps
Manganese	55-2	4644	4771	4424	4613	3.80	cps
Molybdenum	94-1	1936019	1957498	1964750	1952756	0.77	cps
Molybdenum	95-1	3345713	3493149	3438065	3425643	2.17	cps
Molybdenum	96-1	3612844	3695749	3675320	3661304	1.18	cps
Molybdenum	97-1	2088173	2090888	2071667	2083576	0.50	cps
Molybdenum	98-1	5312356	5326673	5412480	5350503	1.01	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	3000	3274	3244	3173	4.73	cps
Phosphorus	31-2	203083	204036	203126	203415	0.26	cps
Potassium	39-2	6744451	6797180	6793364	6778332	0.43	cps
Rhodium	103-1	3649689	3670086	3783206	3700993	1.94	cps
Rhodium	103-2	1922384	1902428	1932478	1919097	0.80	cps
Scandium	45-1	2475212	2522270	2459571	2485684	1.31	cps
Scandium	45-2	119633	118315	119845	119264	0.70	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	44	59	51	51	14.63	cps
Selenium	82-1	20	-6	-37	-8	-353.58	cps
Silicon	28-1	807502	823611	823481	818198	1.13	cps
Silver	109-1	117	125	142	128	9.96	cps
Silver	107-1	133	133	192	153	22.04	cps
Sodium	23-2	14630561	14889876	14786412	14768950	0.88	cps
Strontium	86-1	38219	38863	39640	38908	1.83	cps
Strontium	88-1	327257	333981	333307	331515	1.12	cps
Sulfur	34-1	1563255	1572955	1543026	1559745	0.98	cps
Terbium	159-1	3960640	4113835	4098933	4057802	2.08	cps
Terbium	159-2	2027859	2003880	2011706	2014481	0.61	cps
Thallium	203-1	200	275	317	264	22.40	cps
Thallium	205-1	542	683	675	633	12.55	cps
Tin	118-1	917	1108	1433	1153	22.66	cps
Titanium	47-1	965795	996946	990706	984482	1.67	cps
Uranium	238-1	117	92	100	103	12.39	cps
Vanadium	51-2	163	147	173	161	8.36	cps
Yttrium	89-1	7560897	7540735	7596519	7566050	0.37	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:32:55	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1037460	1015241	1036024	1029575	1.21	cps
Zinc	66-2	3200	3210	3317	3243	1.99	cps
Zirconium	90-1	400	375	450	408	9.35	cps
Zirconium	91-1	83	75	58	72	17.63	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:35:45 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467918	2413401	2455271	2445530	1.17	cps
Antimony	121-1	78794	80462	79691	79649	1.05	cps
Arsenic	75-2	3648	3641	3517	3602	2.05	cps
Barium	135-1	15593	16327	16243	16054	2.50	cps
Barium	137-1	26744	28188	28773	27902	3.74	cps
Beryllium	9-1	13478	13848	13928	13751	1.75	cps
Bismuth	209-1	2056901	2078258	2053206	2062788	0.66	cps
Bismuth	209-2	1280537	1286634	1293916	1287029	0.52	cps
Boron	11-1	18116	21067	21672	20285	9.38	cps
Boron	10-1	3858	4104	4364	4108	6.16	cps
Bromine	81-1	2813	2893	3074	2927	4.56	cps
Cadmium	106-1	3967	3959	4192	4040	3.28	cps
Cadmium	108-1	1746	1850	1900	1832	4.29	cps
Cadmium	111-1	18812	19426	18953	19063	1.69	cps
Calcium	43-1	866841	888759	883823	879808	1.31	cps
Calcium	44-1	14271803	14434231	14414093	14373376	0.62	cps
Chromium	52-2	50710	51215	51415	51113	0.71	cps
Cobalt	59-2	44753	45272	44917	44981	0.59	cps
Copper	63-2	45516	45937	46269	45907	0.82	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	25	33	92	50	72.65	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	30	10	30	23	49.49	cps
Holmium	165-1	3745165	3835767	3856283	3812405	1.55	cps
Holmium	165-2	1979337	1989840	2036443	2001873	1.52	cps
Indium	115-1	3740129	3860874	3831451	3810818	1.65	cps
Indium	115-2	725407	728665	733530	729201	0.56	cps
Iron	54-2	5288413	5311961	5197911	5266095	1.14	cps
Iron	56-2	95418458	95661722	94577627	95219269	0.60	cps
Iron	57-2	2418101	2392897	2408029	2406342	0.53	cps
Krypton	83-1	383	303	380	356	12.73	cps
Lead	207-1	34986	35471	34741	35066	1.06	cps
Lead	208-1	158399	158160	158119	158226	0.10	cps
Lead	206-1	42715	42704	42899	42772	0.26	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:35:45	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	697260	711280	712901	707147	1.22	cps
Magnesium	24-2	7320381	7098048	7082078	7166836	1.86	cps
Manganese	55-2	16359	16093	16723	16392	1.93	cps
Molybdenum	94-1	2102616	2180722	2176990	2153443	2.05	cps
Molybdenum	95-1	3511011	3580244	3579199	3556818	1.12	cps
Molybdenum	96-1	3726079	3939410	3820872	3828787	2.79	cps
Molybdenum	97-1	2133269	2181574	2188416	2167753	1.39	cps
Molybdenum	98-1	5504843	5588882	5600805	5564843	0.94	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	14547	14798	14995	14780	1.52	cps
Phosphorus	31-2	203276	200488	201597	201787	0.70	cps
Potassium	39-2	6848388	6746583	6821786	6805586	0.78	cps
Rhodium	103-1	3663189	3749716	3780825	3731243	1.63	cps
Rhodium	103-2	1970341	1947128	1974105	1963858	0.74	cps
Scandium	45-1	2485296	2521842	2502049	2503062	0.73	cps
Scandium	45-2	119713	117886	120419	119339	1.10	cps
Selenium	77-2	37	37	67	47	37.11	cps
Selenium	78-2	188	215	188	197	7.91	cps
Selenium	82-1	1230	1203	1165	1199	2.76	cps
Silicon	28-1	898424	905490	933155	912356	2.01	cps
Silver	109-1	77200	78457	77107	77588	0.97	cps
Silver	107-1	80845	83604	84358	82935	2.23	cps
Sodium	23-2	15001915	14772905	14745653	14840158	0.95	cps
Strontium	86-1	103137	103121	104556	103605	0.80	cps
Strontium	88-1	873659	894574	904828	891021	1.78	cps
Sulfur	34-1	1488518	1540263	1508398	1512393	1.73	cps
Terbium	159-1	4010198	4093612	4123555	4075788	1.44	cps
Terbium	159-2	2029098	2030180	2044742	2034673	0.43	cps
Thallium	203-1	39535	41525	42754	41272	3.94	cps
Thallium	205-1	99069	99019	101251	99779	1.28	cps
Tin	118-1	142528	147647	148080	146085	2.11	cps
Titanium	47-1	1009128	1027284	1019632	1018681	0.89	cps
Uranium	238-1	317700	325660	322412	321924	1.24	cps
Vanadium	51-2	20001	19877	19884	19921	0.35	cps
Yttrium	89-1	7307617	7682418	7727316	7572450	3.04	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:35:45	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1033488	1038811	1037730	1036676	0.27	cps
Zinc	66-2	7892	8002	7782	7892	1.39	cps
Zirconium	90-1	342051	344775	348876	345234	1.00	cps
Zirconium	91-1	75228	76125	78211	76521	2.00	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1434574	1429818	1424815	1429736	0.34	cps
Antimony	121-1	1911762	1968499	1956382	1945548	1.54	cps
Arsenic	75-2	95865	94957	94096	94972	0.93	cps
Barium	135-1	1850240	1950546	1932624	1911137	2.80	cps
Barium	137-1	3240749	3290455	3319278	3283494	1.21	cps
Beryllium	9-1	361383	373720	382430	372511	2.84	cps
Bismuth	209-1	1970814	2034211	2026896	2010640	1.73	cps
Bismuth	209-2	1271504	1270037	1277617	1273053	0.32	cps
Boron	11-1	145771	163830	179975	163192	10.49	cps
Boron	10-1	29582	33367	36223	33057	10.08	cps
Bromine	81-1	2142	2673	2092	2303	13.98	cps
Cadmium	106-1	45935	46730	48109	46925	2.34	cps
Cadmium	108-1	31073	32066	31440	31526	1.59	cps
Cadmium	111-1	428985	440737	455391	441705	3.00	cps
Calcium	43-1	2237643	2282177	2241835	2253885	1.09	cps
Calcium	44-1	35795011	36479845	36510303	36261720	1.12	cps
Chromium	52-2	664091	663594	662959	663548	0.09	cps
Cobalt	59-2	1100204	1100643	1093955	1098267	0.34	cps
Copper	63-2	7800176	7818543	7820077	7812932	0.14	cps
Dysprosium	156-1	92	100	158	117	31.14	cps
Dysprosium	156-2	63	40	47	50	24.03	cps
Erbium	164-1	42	50	58	50	16.66	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	192	125	192	169	22.72	cps
Gadolinium	160-2	90	60	107	86	27.64	cps
Holmium	165-1	3673386	3742123	3697514	3704341	0.94	cps
Holmium	165-2	1999584	2030566	2018316	2016155	0.77	cps
Indium	115-1	3646298	3728239	3746172	3706903	1.44	cps
Indium	115-2	709987	714823	716797	713869	0.49	cps
Iron	54-2	6875551	6813091	6727052	6805231	1.10	cps
Iron	56-2	122638436	121495111	122310803	122148117	0.48	cps
Iron	57-2	3110817	3071257	3106651	3096242	0.70	cps
Krypton	83-1	393	377	330	367	8.95	cps
Lead	207-1	3907765	4013603	4070551	3997306	2.07	cps
Lead	208-1	17380246	17776142	17954192	17703527	1.66	cps
Lead	206-1	4356839	4413081	4499051	4422990	1.62	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	695355	711329	714324	707003	1.44	cps
Magnesium	24-2	19332004	19645877	19395372	19457751	0.85	cps
Manganese	55-2	3226663	3163575	3129618	3173285	1.55	cps
Molybdenum	94-1	3709181	3797949	3831595	3779575	1.67	cps
Molybdenum	95-1	4530194	4661547	4685087	4625609	1.80	cps
Molybdenum	96-1	4978956	5152337	5263351	5131548	2.79	cps
Molybdenum	97-1	2762019	2863461	2915613	2847031	2.74	cps
Molybdenum	98-1	7218137	7348178	7501673	7355996	1.93	cps
Neodymium	150-1	67	53	93	71	28.64	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	297256	299715	299272	298747	0.44	cps
Phosphorus	31-2	23035	22526	22117	22560	2.04	cps
Potassium	39-2	9266230	9148144	9270304	9228226	0.75	cps
Rhodium	103-1	3582287	3637151	3660890	3626776	1.11	cps
Rhodium	103-2	1936002	1951448	1945939	1944463	0.40	cps
Scandium	45-1	2481747	2466440	2510258	2486148	0.89	cps
Scandium	45-2	124077	122551	124387	123672	0.79	cps
Selenium	77-2	1230	1237	1327	1265	4.27	cps
Selenium	78-2	4383	4479	4326	4396	1.76	cps
Selenium	82-1	31433	31416	32091	31647	1.22	cps
Silicon	28-1	1823921	1965723	1988868	1926171	4.64	cps
Silver	109-1	2005112	2065364	2132899	2067792	3.09	cps
Silver	107-1	2147008	2203370	2129752	2160043	1.78	cps
Sodium	23-2	38110786	38859326	38686769	38552294	1.02	cps
Strontium	86-1	579337	583290	589989	584206	0.92	cps
Strontium	88-1	4933752	4971914	5059656	4988441	1.29	cps
Sulfur	34-1	656421	658692	662429	659181	0.46	cps
Terbium	159-1	3919933	4000095	4062729	3994252	1.79	cps
Terbium	159-2	2026913	2003770	2041603	2024095	0.94	cps
Thallium	203-1	1033541	1043741	1040108	1039130	0.50	cps
Thallium	205-1	2425905	2459075	2492174	2459051	1.35	cps
Tin	118-1	1289207	1320271	1319883	1309787	1.36	cps
Titanium	47-1	1251557	1281014	1306575	1279715	2.15	cps
Uranium	238-1	2870456	2937054	2982540	2930017	1.92	cps
Vanadium	51-2	549582	543084	539163	543943	0.97	cps
Yttrium	89-1	7395314	7442295	7447532	7428381	0.39	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:50:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1045215	1044807	1051532	1047185	0.36	cps
Zinc	66-2	1177041	1177293	1182728	1179020	0.27	cps
Zirconium	90-1	3067945	3131862	3102734	3100847	1.03	cps
Zirconium	91-1	688028	709364	696825	698072	1.54	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 15:59:55 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	854	746	812	804	6.77	cps
Antimony	121-1	92	67	108	89	23.59	cps
Arsenic	75-2	12	18	20	17	24.98	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	48	52	92	64	38.02	cps
Bismuth	209-1	2084860	2036697	2059565	2060374	1.17	cps
Bismuth	209-2	1291443	1276888	1266351	1278227	0.99	cps
Boron	11-1	2986	2974	2842	2934	2.72	cps
Boron	10-1	666	676	652	665	1.81	cps
Bromine	81-1	1992	2112	2283	2129	6.85	cps
Cadmium	106-1	1825	1842	1925	1864	2.87	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Cadmium	111-1	1304	1301	1360	1322	2.51	cps
Calcium	43-1	392	550	492	478	16.76	cps
Calcium	44-1	114178	114018	113968	114055	0.10	cps
Chromium	52-2	1597	1563	1427	1529	5.89	cps
Cobalt	59-2	83	37	40	53	48.81	cps
Copper	63-2	733	877	867	826	9.69	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	8	42	92	47	88.83	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	3640754	3602453	3654218	3632475	0.74	cps
Holmium	165-2	1957788	1978757	1926756	1954433	1.34	cps
Indium	115-1	3741563	3702183	3769405	3737717	0.90	cps
Indium	115-2	715619	710683	695056	707119	1.52	cps
Iron	54-2	494	517	583	532	8.70	cps
Iron	56-2	3839	3723	3862	3808	1.96	cps
Iron	57-2	200	200	200	200	0.00	cps
Krypton	83-1	327	407	370	368	10.89	cps
Lead	207-1	744	667	622	678	9.13	cps
Lead	208-1	3098	3063	3019	3060	1.29	cps
Lead	206-1	706	794	733	744	6.11	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:59:55	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	698177	685619	676404	686733	1.59	cps
Magnesium	24-2	425	442	333	400	14.58	cps
Manganese	55-2	403	377	377	386	3.99	cps
Molybdenum	94-1	275	258	217	250	12.02	cps
Molybdenum	95-1	150	50	83	94	53.91	cps
Molybdenum	96-1	200	142	42	128	62.67	cps
Molybdenum	97-1	125	50	83	86	43.64	cps
Molybdenum	98-1	175	100	133	136	27.61	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	83	33	90	69	44.96	cps
Phosphorus	31-2	183	233	283	233	21.43	cps
Potassium	39-2	40549	39563	40491	40201	1.38	cps
Rhodium	103-1	3738564	3770896	3725912	3745124	0.62	cps
Rhodium	103-2	1986368	1937939	1918970	1947759	1.78	cps
Scandium	45-1	2473391	2489501	2429667	2464186	1.26	cps
Scandium	45-2	120534	118915	117506	118985	1.27	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	46	54	57	52	10.87	cps
Selenium	82-1	40	-42	-7	-3	-1303.86	cps
Silicon	28-1	695431	691325	696850	694535	0.41	cps
Silver	109-1	58	33	42	44	28.65	cps
Silver	107-1	25	42	100	56	70.88	cps
Sodium	23-2	71601	70186	71776	71188	1.23	cps
Strontium	86-1	525	500	375	467	17.22	cps
Strontium	88-1	33	75	42	50	44.10	cps
Sulfur	34-1	493974	489656	497024	493551	0.75	cps
Terbium	159-1	3868618	3907969	3857281	3877956	0.69	cps
Terbium	159-2	1970686	1948410	1954131	1957742	0.59	cps
Thallium	203-1	92	92	83	89	5.41	cps
Thallium	205-1	192	175	300	222	30.54	cps
Tin	118-1	700	600	767	689	12.18	cps
Titanium	47-1	725	692	967	794	18.89	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	20	20	27	22	17.33	cps
Yttrium	89-1	7419893	7495585	7357847	7424442	0.93	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 15:59:55	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1027763	1012792	995415	1011990	1.60	cps
Zinc	66-2	363	333	267	321	15.41	cps
Zirconium	90-1	367	308	225	300	23.73	cps
Zirconium	91-1	33	25	33	31	15.74	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924	802	802	843	8.36	cps
Antimony	121-1	42	33	75	50	44.10	cps
Arsenic	75-2	13	15	15	14	8.06	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	17	50	33	33	50.00	cps
Beryllium	9-1	56	52	50	53	5.80	cps
Bismuth	209-1	1978904	2050323	2094593	2041273	2.86	cps
Bismuth	209-2	1308241	1289522	1308764	1302175	0.84	cps
Boron	11-1	2446	2490	2372	2436	2.45	cps
Boron	10-1	546	530	592	556	5.79	cps
Bromine	81-1	2082	2232	2333	2216	5.69	cps
Cadmium	106-1	1642	1842	1692	1725	6.03	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Cadmium	111-1	1160	1301	1211	1224	5.85	cps
Calcium	43-1	533	450	408	464	13.72	cps
Calcium	44-1	113631	113296	113161	113363	0.21	cps
Chromium	52-2	1673	1430	1507	1537	8.10	cps
Cobalt	59-2	43	43	43	43	0.00	cps
Copper	63-2	803	877	867	849	4.68	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	3583804	3707590	3725462	3672285	2.10	cps
Holmium	165-2	1995132	1944195	1988687	1976005	1.40	cps
Indium	115-1	3647928	3788813	3769314	3735351	2.04	cps
Indium	115-2	730617	716128	727774	724839	1.06	cps
Iron	54-2	467	572	567	535	11.10	cps
Iron	56-2	4062	3951	3778	3930	3.63	cps
Iron	57-2	178	139	150	156	12.88	cps
Krypton	83-1	367	327	353	349	5.84	cps
Lead	207-1	678	678	617	657	5.37	cps
Lead	208-1	2772	2896	2825	2831	2.20	cps
Lead	206-1	639	772	711	707	9.43	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	660957	675801	674930	670563	1.24	cps
Magnesium	24-2	475	458	575	503	12.55	cps
Manganese	55-2	147	130	133	137	6.45	cps
Molybdenum	94-1	183	208	192	194	6.55	cps
Molybdenum	95-1	75	117	58	83	36.05	cps
Molybdenum	96-1	133	117	142	131	9.75	cps
Molybdenum	97-1	83	50	50	61	31.50	cps
Molybdenum	98-1	133	83	33	83	60.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	130	60	108	38.42	cps
Phosphorus	31-2	192	242	200	211	12.69	cps
Potassium	39-2	39822	40023	40107	39984	0.37	cps
Rhodium	103-1	3633988	3793021	3824113	3750374	2.72	cps
Rhodium	103-2	2013543	1994957	2003673	2004058	0.46	cps
Scandium	45-1	2385274	2506830	2540001	2477368	3.29	cps
Scandium	45-2	123738	120581	120537	121619	1.51	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	57	61	53	57	7.02	cps
Selenium	82-1	-10	23	12	8	199.85	cps
Silicon	28-1	693988	702728	697362	698026	0.63	cps
Silver	109-1	67	42	25	44	47.19	cps
Silver	107-1	67	50	58	58	14.29	cps
Sodium	23-2	70035	71275	69767	70359	1.14	cps
Strontium	86-1	500	533	625	553	11.71	cps
Strontium	88-1	100	100	108	103	4.68	cps
Sulfur	34-1	492909	490742	493496	492383	0.29	cps
Terbium	159-1	3794264	3958797	3984427	3912496	2.64	cps
Terbium	159-2	2023504	1963622	2029287	2005471	1.81	cps
Thallium	203-1	50	0	83	44	94.38	cps
Thallium	205-1	183	183	167	178	5.41	cps
Tin	118-1	492	508	392	464	13.60	cps
Titanium	47-1	725	817	892	811	10.29	cps
Uranium	238-1	17	25	0	14	91.65	cps
Vanadium	51-2	30	17	7	18	65.83	cps
Yttrium	89-1	7208419	7542692	7480882	7410664	2.40	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BL	Instrumnet Name :	P8
Client Sample ID :	PBW029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:02:45	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1050001	1025338	1049667	1041668	1.36	cps
Zinc	66-2	360	357	263	327	16.80	cps
Zirconium	90-1	283	392	275	317	20.55	cps
Zirconium	91-1	33	92	100	75	48.44	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1970	1848	1958	1925	3.49	cps
Antimony	121-1	14191	14583	15134	14636	3.24	cps
Arsenic	75-2	380	362	316	353	9.36	cps
Barium	135-1	13991	14300	14733	14341	2.60	cps
Barium	137-1	24406	25115	24247	24589	1.88	cps
Beryllium	9-1	1316	1342	1328	1328	0.98	cps
Bismuth	209-1	2172517	2141555	2060707	2124926	2.72	cps
Bismuth	209-2	1298750	1312454	1317935	1309713	0.75	cps
Boron	11-1	12345	14452	16198	14332	13.46	cps
Boron	10-1	2498	3104	3222	2941	13.21	cps
Bromine	81-1	2192	2513	2092	2266	9.69	cps
Cadmium	106-1	2092	2292	2150	2178	4.72	cps
Cadmium	108-1	133	154	133	140	8.57	cps
Cadmium	111-1	3317	3330	3174	3274	2.64	cps
Calcium	43-1	8636	8636	8553	8608	0.56	cps
Calcium	44-1	257513	257162	252967	255880	0.99	cps
Chromium	52-2	6208	6552	6465	6408	2.79	cps
Cobalt	59-2	4387	4117	4167	4224	3.40	cps
Copper	63-2	7095	7122	7169	7129	0.52	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	17	67	42	42	60.00	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	3923430	3717961	3667717	3769702	3.59	cps
Holmium	165-2	1959329	2033836	2010430	2001198	1.90	cps
Indium	115-1	4001070	3805300	3715326	3840565	3.80	cps
Indium	115-2	722074	730470	735887	729477	0.95	cps
Iron	54-2	29208	29369	29965	29514	1.35	cps
Iron	56-2	529225	525584	526812	527207	0.35	cps
Iron	57-2	12589	12978	13796	13121	4.69	cps
Krypton	83-1	340	350	337	342	2.03	cps
Lead	207-1	3478	3256	3351	3362	3.32	cps
Lead	208-1	14900	14812	14906	14872	0.36	cps
Lead	206-1	3812	3978	3956	3915	2.31	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	707510	676838	673760	686036	2.72	cps
Magnesium	24-2	74607	76468	74265	75113	1.58	cps
Manganese	55-2	1327	1243	1327	1299	3.70	cps
Molybdenum	94-1	13991	13899	14424	14105	1.99	cps
Molybdenum	95-1	17345	16852	17311	17169	1.60	cps
Molybdenum	96-1	18504	19038	19464	19002	2.53	cps
Molybdenum	97-1	10879	9979	11105	10654	5.59	cps
Molybdenum	98-1	25674	27461	27728	26955	4.14	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1350	1223	1277	1283	4.96	cps
Phosphorus	31-2	242	192	217	217	11.54	cps
Potassium	39-2	107985	107332	107784	107700	0.31	cps
Rhodium	103-1	3978255	3836407	3778053	3864238	2.66	cps
Rhodium	103-2	2035913	2017337	2046426	2033225	0.72	cps
Scandium	45-1	2606503	2528109	2421619	2518744	3.68	cps
Scandium	45-2	121048	122595	123072	122238	0.87	cps
Selenium	77-2	27	23	23	24	7.89	cps
Selenium	78-2	136	136	116	129	8.93	cps
Selenium	82-1	686	635	689	670	4.52	cps
Silicon	28-1	746657	748462	749456	748192	0.19	cps
Silver	109-1	7544	7544	7978	7688	3.26	cps
Silver	107-1	8428	9028	8286	8581	4.59	cps
Sodium	23-2	218350	219171	215838	217786	0.80	cps
Strontium	86-1	2434	2525	2717	2559	5.65	cps
Strontium	88-1	18980	18738	18488	18735	1.31	cps
Sulfur	34-1	492826	491255	494255	492778	0.30	cps
Terbium	159-1	4144178	4026734	3920785	4030566	2.77	cps
Terbium	159-2	2009894	2014015	2057559	2027156	1.30	cps
Thallium	203-1	4242	3909	3834	3995	5.44	cps
Thallium	205-1	9395	9287	9404	9362	0.70	cps
Tin	118-1	24773	25975	25299	25349	2.38	cps
Titanium	47-1	5926	5209	5718	5618	6.56	cps
Uranium	238-1	10204	10788	10772	10588	3.14	cps
Vanadium	51-2	9567	9897	9927	9797	2.04	cps
Yttrium	89-1	7746278	7656735	7328346	7577120	2.90	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131029BS	Instrumnet Name :	P8
Client Sample ID :	LCS029	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:05:36	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1029420	1044453	1061727	1045200	1.55	cps
Zinc	66-2	1090	1247	1327	1221	9.86	cps
Zirconium	90-1	11755	12147	11705	11869	2.04	cps
Zirconium	91-1	2534	2750	2617	2634	4.15	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	784	836	778	799	3.99	cps
Antimony	121-1	58	67	58	61	7.87	cps
Arsenic	75-2	7	17	17	14	42.25	cps
Barium	135-1	33	8	8	17	86.62	cps
Barium	137-1	17	42	33	31	41.66	cps
Beryllium	9-1	32	56	48	45	26.96	cps
Bismuth	209-1	2055855	2075481	2089820	2073719	0.82	cps
Bismuth	209-2	1307531	1299486	1252309	1286442	2.32	cps
Boron	11-1	3118	2856	2752	2908	6.48	cps
Boron	10-1	582	554	562	566	2.55	cps
Bromine	81-1	2293	2142	1932	2122	8.53	cps
Cadmium	106-1	1775	1925	1934	1878	4.75	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	1249	1351	1349	1317	4.42	cps
Calcium	43-1	492	508	400	467	12.50	cps
Calcium	44-1	111029	110087	109072	110063	0.89	cps
Chromium	52-2	1520	1480	1510	1503	1.38	cps
Cobalt	59-2	77	53	70	67	18.03	cps
Copper	63-2	823	800	743	789	5.21	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	58	25	75	53	48.24	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	3687005	3654788	3692692	3678162	0.56	cps
Holmium	165-2	1983059	1992825	1904118	1960001	2.48	cps
Indium	115-1	3768313	3775294	3824502	3789370	0.81	cps
Indium	115-2	729021	723907	690830	714586	2.90	cps
Iron	54-2	578	472	622	557	13.82	cps
Iron	56-2	3973	3745	3651	3789	4.37	cps
Iron	57-2	128	194	211	178	24.80	cps
Krypton	83-1	380	313	397	363	12.14	cps
Lead	207-1	650	556	556	587	9.29	cps
Lead	208-1	2498	2606	2331	2478	5.58	cps
Lead	206-1	550	656	617	607	8.79	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	665087	685234	672215	674179	1.52	cps
Magnesium	24-2	383	367	392	381	3.34	cps
Manganese	55-2	103	93	107	101	6.87	cps
Molybdenum	94-1	242	242	183	222	15.16	cps
Molybdenum	95-1	108	75	92	92	18.18	cps
Molybdenum	96-1	167	67	83	106	50.75	cps
Molybdenum	97-1	67	67	25	53	45.58	cps
Molybdenum	98-1	150	50	58	86	64.44	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	47	90	73	31.81	cps
Phosphorus	31-2	225	192	275	231	18.19	cps
Potassium	39-2	39497	38686	38042	38742	1.88	cps
Rhodium	103-1	3736314	3790754	3828629	3785233	1.23	cps
Rhodium	103-2	2024779	1963380	1941343	1976501	2.19	cps
Scandium	45-1	2495393	2451683	2468396	2471824	0.89	cps
Scandium	45-2	121274	118034	115111	118139	2.61	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	40	54	55	50	16.89	cps
Selenium	82-1	-21	66	-45	0	145267.40	cps
Silicon	28-1	700184	699724	697073	698994	0.24	cps
Silver	109-1	25	58	33	39	44.62	cps
Silver	107-1	75	75	83	78	6.19	cps
Sodium	23-2	69557	68244	66636	68146	2.15	cps
Strontium	86-1	492	683	542	572	17.37	cps
Strontium	88-1	42	33	108	61	67.27	cps
Sulfur	34-1	489734	492739	488034	490169	0.49	cps
Terbium	159-1	3938852	4039898	3976516	3985088	1.28	cps
Terbium	159-2	2010865	1980135	1902241	1964414	2.85	cps
Thallium	203-1	67	42	33	47	36.74	cps
Thallium	205-1	100	150	167	139	24.98	cps
Tin	118-1	500	533	400	478	14.52	cps
Titanium	47-1	942	958	875	925	4.77	cps
Uranium	238-1	0	17	33	17	99.99	cps
Vanadium	51-2	13	23	10	16	44.60	cps
Yttrium	89-1	7539742	7550059	7556385	7548729	0.11	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BL	Instrumnet Name :	P8
Client Sample ID :	PBW020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:08:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1035489	1025197	999355	1020014	1.83	cps
Zinc	66-2	243	297	230	257	13.74	cps
Zirconium	90-1	275	267	283	275	3.03	cps
Zirconium	91-1	58	33	58	50	28.87	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1866	1818	2002	1895	5.04	cps
Antimony	121-1	13115	14058	14441	13871	4.92	cps
Arsenic	75-2	355	404	351	370	7.98	cps
Barium	135-1	13140	14200	14041	13794	4.14	cps
Barium	137-1	23955	25675	23838	24489	4.20	cps
Beryllium	9-1	1356	1382	1474	1404	4.42	cps
Bismuth	209-1	1915754	1811085	2052512	1926450	6.28	cps
Bismuth	209-2	1293185	1308959	1308292	1303479	0.68	cps
Boron	11-1	12375	14610	15625	14203	11.71	cps
Boron	10-1	2500	3050	3120	2890	11.75	cps
Bromine	81-1	1972	2222	2002	2066	6.62	cps
Cadmium	106-1	2050	1717	2050	1939	9.93	cps
Cadmium	108-1	108	183	142	144	26.01	cps
Cadmium	111-1	3051	2974	3244	3090	4.52	cps
Calcium	43-1	8686	9729	8811	9075	6.27	cps
Calcium	44-1	252217	255994	250769	252993	1.07	cps
Chromium	52-2	6462	6308	6535	6435	1.80	cps
Cobalt	59-2	4214	4244	4164	4207	0.96	cps
Copper	63-2	6968	7142	6928	7013	1.62	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	25	42	0	22	94.38	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	3	23	27	18	71.00	cps
Holmium	165-1	3518247	3279610	3676687	3491515	5.72	cps
Holmium	165-2	1989891	2007650	1983242	1993594	0.63	cps
Indium	115-1	3626740	3361656	3778294	3588897	5.88	cps
Indium	115-2	719293	732055	721610	724319	0.94	cps
Iron	54-2	24916	24299	24232	24482	1.54	cps
Iron	56-2	439215	434795	437161	437057	0.51	cps
Iron	57-2	10782	11104	10771	10886	1.74	cps
Krypton	83-1	390	393	363	382	4.30	cps
Lead	207-1	3373	3256	3234	3288	2.27	cps
Lead	208-1	14122	14268	14170	14186	0.52	cps
Lead	206-1	3734	3701	3601	3678	1.89	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	651000	606554	673436	643663	5.29	cps
Magnesium	24-2	76066	75345	75027	75479	0.71	cps
Manganese	55-2	1507	1527	1560	1531	1.76	cps
Molybdenum	94-1	13949	14091	14124	14055	0.66	cps
Molybdenum	95-1	15951	16944	16927	16608	3.42	cps
Molybdenum	96-1	18096	18821	17837	18251	2.80	cps
Molybdenum	97-1	9979	10388	10596	10321	3.04	cps
Molybdenum	98-1	25917	27119	26851	26629	2.37	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1237	1253	1210	1233	1.77	cps
Phosphorus	31-2	242	292	317	283	13.48	cps
Potassium	39-2	106995	105694	109278	107322	1.69	cps
Rhodium	103-1	3565118	3326454	3764667	3552080	6.18	cps
Rhodium	103-2	1979201	2015266	2027485	2007317	1.25	cps
Scandium	45-1	2391822	2113036	2515226	2340028	8.80	cps
Scandium	45-2	122402	124642	121871	122972	1.20	cps
Selenium	77-2	37	23	13	24	47.91	cps
Selenium	78-2	129	139	130	133	4.16	cps
Selenium	82-1	601	561	655	606	7.80	cps
Silicon	28-1	741979	741585	741014	741526	0.07	cps
Silver	109-1	7894	7511	8219	7875	4.51	cps
Silver	107-1	7611	8770	8153	8178	7.09	cps
Sodium	23-2	214748	217579	211214	214514	1.49	cps
Strontium	86-1	2492	2692	2700	2628	4.49	cps
Strontium	88-1	18062	18930	18888	18627	2.63	cps
Sulfur	34-1	496496	497581	497880	497319	0.15	cps
Terbium	159-1	3703842	3470694	3914160	3696232	6.00	cps
Terbium	159-2	1997542	2012516	1991826	2000628	0.53	cps
Thallium	203-1	3917	4017	3876	3937	1.85	cps
Thallium	205-1	8853	9137	9312	9101	2.54	cps
Tin	118-1	24247	25115	25107	24823	2.01	cps
Titanium	47-1	5510	6101	5785	5799	5.11	cps
Uranium	238-1	9779	10279	10863	10307	5.27	cps
Vanadium	51-2	9847	10117	9960	9975	1.36	cps
Yttrium	89-1	7181206	6532175	7519612	7077664	7.09	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131020BS	Instrumnet Name :	P8
Client Sample ID :	LCS020	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:11:15	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1033791	1054114	1041132	1043012	0.99	cps
Zinc	66-2	1233	1353	1257	1281	4.97	cps
Zirconium	90-1	11430	11113	12097	11547	4.35	cps
Zirconium	91-1	2417	2775	2575	2589	6.94	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : PB131015BL Instrumnet Name : P8
 Client Sample ID : PBW015 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 16:14:03 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	848	822	844	838	1.67	cps
Antimony	121-1	33	50	67	50	33.34	cps
Arsenic	75-2	18	14	20	17	17.63	cps
Barium	135-1	8	33	17	19	65.47	cps
Barium	137-1	25	8	0	11	114.58	cps
Beryllium	9-1	48	40	40	43	10.83	cps
Bismuth	209-1	2073423	2150915	2219031	2147790	3.39	cps
Bismuth	209-2	1296326	1243949	1331186	1290487	3.40	cps
Boron	11-1	2768	2698	2338	2601	8.87	cps
Boron	10-1	538	656	464	553	17.52	cps
Bromine	81-1	1742	2273	2303	2106	14.98	cps
Cadmium	106-1	1792	1775	2000	1856	6.76	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Cadmium	111-1	1275	1245	1418	1313	7.04	cps
Calcium	43-1	467	433	500	467	7.14	cps
Calcium	44-1	109030	107645	107962	108213	0.67	cps
Chromium	52-2	1603	1483	1453	1513	5.25	cps
Cobalt	59-2	63	50	30	48	35.11	cps
Copper	63-2	723	680	743	716	4.52	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	33	13	33	27	43.31	cps
Holmium	165-1	3721970	3848574	3958896	3843147	3.08	cps
Holmium	165-2	1962367	1904151	2058581	1975033	3.95	cps
Indium	115-1	3822268	3943370	4065165	3943601	3.08	cps
Indium	115-2	716850	690203	736331	714461	3.24	cps
Iron	54-2	556	628	567	583	6.67	cps
Iron	56-2	4156	4184	3973	4104	2.80	cps
Iron	57-2	167	150	167	161	5.97	cps
Krypton	83-1	377	387	373	379	1.83	cps
Lead	207-1	506	511	533	517	2.84	cps
Lead	208-1	2303	2384	2534	2407	4.87	cps
Lead	206-1	606	578	767	650	15.69	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BL	Instrumnet Name :	P8
Client Sample ID :	PBW015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:14:03	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	691934	709959	710471	704121	1.50	cps
Magnesium	24-2	550	475	467	497	9.23	cps
Manganese	55-2	167	110	133	137	20.84	cps
Molybdenum	94-1	125	242	200	189	31.30	cps
Molybdenum	95-1	42	50	33	42	20.00	cps
Molybdenum	96-1	92	108	75	92	18.18	cps
Molybdenum	97-1	17	25	17	19	24.73	cps
Molybdenum	98-1	75	58	8	47	73.48	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	77	90	82	8.44	cps
Phosphorus	31-2	275	233	183	231	19.91	cps
Potassium	39-2	38126	38627	39446	38733	1.72	cps
Rhodium	103-1	3826119	3924972	4044532	3931874	2.78	cps
Rhodium	103-2	2012397	1897228	2025589	1978405	3.57	cps
Scandium	45-1	2450705	2630394	2630059	2570386	4.03	cps
Scandium	45-2	119606	115793	123163	119520	3.08	cps
Selenium	77-2	3	13	0	6	124.93	cps
Selenium	78-2	50	59	48	52	11.19	cps
Selenium	82-1	6	-34	-21	-16	-124.26	cps
Silicon	28-1	711678	704116	701468	705754	0.75	cps
Silver	109-1	8	33	33	25	57.74	cps
Silver	107-1	67	25	42	44	47.19	cps
Sodium	23-2	64551	65463	64476	64830	0.85	cps
Strontium	86-1	825	508	550	628	27.41	cps
Strontium	88-1	42	42	67	50	28.87	cps
Sulfur	34-1	500332	496278	502001	499537	0.59	cps
Terbium	159-1	4092220	4182920	4256023	4177054	1.96	cps
Terbium	159-2	1993469	1929052	2058010	1993510	3.23	cps
Thallium	203-1	50	50	75	58	24.74	cps
Thallium	205-1	100	142	67	103	36.56	cps
Tin	118-1	358	533	567	486	23.02	cps
Titanium	47-1	908	917	858	895	3.53	cps
Uranium	238-1	0	0	17	6	173.21	cps
Vanadium	51-2	33	7	33	24	62.97	cps
Yttrium	89-1	7435306	7934262	7952120	7773896	3.77	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BL	Instrumnet Name :	P8
Client Sample ID :	PBW015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:14:03	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1036317	992128	1056157	1028201	3.19	cps
Zinc	66-2	377	360	443	393	11.21	cps
Zirconium	90-1	267	383	192	281	34.43	cps
Zirconium	91-1	83	117	58	86	33.99	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : PB131015BS Instrumnet Name : P8
 Client Sample ID : LCS015 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 16:16:53 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1956	1900	1866	1907	2.38	cps
Antimony	121-1	14041	13857	14408	14102	1.99	cps
Arsenic	75-2	362	346	342	350	3.02	cps
Barium	135-1	13966	14024	14608	14199	2.50	cps
Barium	137-1	23989	25090	25132	24737	2.62	cps
Beryllium	9-1	1390	1374	1454	1406	3.01	cps
Bismuth	209-1	1921304	2073913	2084502	2026573	4.51	cps
Bismuth	209-2	1304577	1295481	1287053	1295704	0.68	cps
Boron	11-1	12435	14248	15643	14109	11.40	cps
Boron	10-1	2584	2970	3140	2898	9.83	cps
Bromine	81-1	2443	2192	2192	2276	6.35	cps
Cadmium	106-1	1792	1950	2159	1967	9.35	cps
Cadmium	108-1	104	133	100	113	16.15	cps
Cadmium	111-1	3123	2939	3458	3173	8.29	cps
Calcium	43-1	9111	9320	8920	9117	2.20	cps
Calcium	44-1	250348	254003	255898	253416	1.11	cps
Chromium	52-2	6371	6428	6588	6463	1.74	cps
Cobalt	59-2	4067	3977	4031	4025	1.12	cps
Copper	63-2	6805	6968	7215	6996	2.95	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	25	67	42	44	47.19	cps
Gadolinium	160-2	17	13	27	19	36.75	cps
Holmium	165-1	3464321	3738425	3714798	3639181	4.17	cps
Holmium	165-2	1999920	2014221	1963885	1992675	1.30	cps
Indium	115-1	3414950	3807496	3848460	3690302	6.49	cps
Indium	115-2	718449	720496	715772	718239	0.33	cps
Iron	54-2	23525	24043	24454	24007	1.94	cps
Iron	56-2	431797	438798	432918	434504	0.87	cps
Iron	57-2	11032	10699	11088	10940	1.92	cps
Krypton	83-1	430	323	390	381	14.14	cps
Lead	207-1	3312	3256	3200	3256	1.71	cps
Lead	208-1	14075	14443	14489	14336	1.58	cps
Lead	206-1	3467	3878	3917	3754	6.64	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BS	Instrumnet Name :	P8
Client Sample ID :	LCS015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:16:53	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	643057	684613	683669	670447	3.54	cps
Magnesium	24-2	75864	74474	72790	74376	2.07	cps
Manganese	55-2	1640	1713	1453	1602	8.37	cps
Molybdenum	94-1	13757	14625	13866	14083	3.36	cps
Molybdenum	95-1	16218	18137	16727	17028	5.84	cps
Molybdenum	96-1	18146	19039	19506	18897	3.66	cps
Molybdenum	97-1	10187	10329	10196	10237	0.78	cps
Molybdenum	98-1	26050	26968	25816	26278	2.32	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1377	1140	1350	1289	10.06	cps
Phosphorus	31-2	250	275	192	239	17.90	cps
Potassium	39-2	105384	105811	105258	105484	0.27	cps
Rhodium	103-1	3440226	3883722	3814820	3712923	6.43	cps
Rhodium	103-2	1987934	1967632	1977791	1977786	0.51	cps
Scandium	45-1	2270762	2523623	2463601	2419329	5.46	cps
Scandium	45-2	122175	119291	119122	120196	1.43	cps
Selenium	77-2	37	37	13	29	46.64	cps
Selenium	78-2	142	126	114	127	11.04	cps
Selenium	82-1	595	663	657	638	5.93	cps
Silicon	28-1	746781	752223	755318	751441	0.58	cps
Silver	109-1	7827	7769	8086	7894	2.14	cps
Silver	107-1	8253	7961	8336	8183	2.41	cps
Sodium	23-2	216235	213435	215314	214995	0.66	cps
Strontium	86-1	2642	2509	2584	2578	2.59	cps
Strontium	88-1	18121	18571	18771	18488	1.80	cps
Sulfur	34-1	506134	502020	506552	504902	0.50	cps
Terbium	159-1	3667013	3974707	3989592	3877104	4.70	cps
Terbium	159-2	1984845	1987030	1957820	1976565	0.82	cps
Thallium	203-1	3826	4151	3667	3881	6.35	cps
Thallium	205-1	9470	9487	8845	9267	3.95	cps
Tin	118-1	25191	25115	25149	25151	0.15	cps
Titanium	47-1	6168	5960	6035	6054	1.74	cps
Uranium	238-1	9979	10379	10071	10143	2.07	cps
Vanadium	51-2	10127	9910	9497	9845	3.25	cps
Yttrium	89-1	6938022	7482302	7553577	7324634	4.60	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131015BS	Instrumnet Name :	P8
Client Sample ID :	LCS015	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:16:53	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1030453	1027832	1032715	1030333	0.24	cps
Zinc	66-2	1323	1257	1323	1301	2.96	cps
Zirconium	90-1	10896	11605	11680	11394	3.80	cps
Zirconium	91-1	2417	2292	2684	2464	8.12	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	814	846	884	848	4.13	cps
Antimony	121-1	400	317	392	369	12.42	cps
Arsenic	75-2	10687	10452	10588	10576	1.12	cps
Barium	135-1	44808	46330	46639	45926	2.13	cps
Barium	137-1	79098	81177	83457	81244	2.68	cps
Beryllium	9-1	52	78	58	63	21.73	cps
Bismuth	209-1	2285843	2132262	2180415	2199507	3.57	cps
Bismuth	209-2	1249279	1314598	1317710	1293862	2.99	cps
Boron	11-1	607206	682820	743176	677734	10.05	cps
Boron	10-1	122989	140674	150770	138144	10.18	cps
Bromine	81-1	874823	1018664	1121866	1005118	12.34	cps
Cadmium	106-1	2209	2092	2209	2170	3.11	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Cadmium	111-1	1571	1441	1551	1521	4.59	cps
Calcium	43-1	2691996	2765266	2837595	2764952	2.63	cps
Calcium	44-1	44055123	45059201	46004607	45039644	2.16	cps
Chromium	52-2	1883	1840	1890	1871	1.45	cps
Cobalt	59-2	2610	2614	2737	2654	2.72	cps
Copper	63-2	990	1027	997	1004	1.94	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	20	37	33	30	29.40	cps
Erbium	164-1	117	25	42	61	79.90	cps
Erbium	164-2	43	33	23	33	30.00	cps
Gadolinium	160-1	92	83	100	92	9.09	cps
Gadolinium	160-2	40	30	30	33	17.32	cps
Holmium	165-1	4251234	3958844	4031626	4080568	3.73	cps
Holmium	165-2	1980826	2102619	2135506	2072984	3.93	cps
Indium	115-1	4246980	4005539	4061573	4104697	3.08	cps
Indium	115-2	707677	739926	750211	732605	3.03	cps
Iron	54-2	230561	229584	226846	228997	0.84	cps
Iron	56-2	4220201	4123441	4193977	4179206	1.20	cps
Iron	57-2	104693	103842	104077	104204	0.42	cps
Krypton	83-1	347	363	360	357	2.47	cps
Lead	207-1	606	572	711	630	11.52	cps
Lead	208-1	2557	2769	2949	2758	7.11	cps
Lead	206-1	650	744	761	719	8.34	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	819316	786150	793112	799526	2.19	cps
Magnesium	24-2	7686672	7654587	7551211	7630824	0.93	cps
Manganese	55-2	1487304	1477344	1503578	1489409	0.89	cps
Molybdenum	94-1	8003	8311	8836	8383	5.03	cps
Molybdenum	95-1	11905	12156	11814	11958	1.48	cps
Molybdenum	96-1	12798	12798	12781	12792	0.08	cps
Molybdenum	97-1	6977	7044	7702	7241	5.54	cps
Molybdenum	98-1	18112	19965	18763	18947	4.96	cps
Neodymium	150-1	53	47	13	38	56.73	cps
Neodymium	150-2	20	20	7	16	49.47	cps
Nickel	60-2	3274	3254	3324	3284	1.10	cps
Phosphorus	31-2	658	625	667	650	3.39	cps
Potassium	39-2	282729	275892	278263	278962	1.24	cps
Rhodium	103-1	4127929	3911178	3981728	4006945	2.76	cps
Rhodium	103-2	1911249	2021063	2038160	1990158	3.46	cps
Scandium	45-1	2913091	2655731	2731032	2766618	4.78	cps
Scandium	45-2	120645	126663	126511	124606	2.75	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	49	49	44	47	6.11	cps
Selenium	82-1	194	218	277	230	18.58	cps
Silicon	28-1	27765186	28238257	28535405	28179616	1.38	cps
Silver	109-1	58	92	58	69	27.71	cps
Silver	107-1	75	117	117	103	23.41	cps
Sodium	23-2	71330320	71277808	70474612	71027580	0.68	cps
Strontium	86-1	7138550	7193359	7400784	7244231	1.91	cps
Strontium	88-1	61844466	62101539	64705256	62883753	2.52	cps
Sulfur	34-1	2591892	2628212	2668744	2629616	1.46	cps
Terbium	159-1	4484337	4191789	4328499	4334875	3.38	cps
Terbium	159-2	1978245	2080290	2120567	2059700	3.56	cps
Thallium	203-1	92	125	133	117	18.90	cps
Thallium	205-1	292	358	250	300	18.22	cps
Tin	118-1	600	583	500	561	9.55	cps
Titanium	47-1	1250	1192	1250	1231	2.74	cps
Uranium	238-1	53488	53764	54040	53764	0.51	cps
Vanadium	51-2	640	683	713	679	5.43	cps
Yttrium	89-1	8611783	7931280	8141287	8228117	4.24	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-01	Instrumnet Name :	P8
Client Sample ID :	MF4L00	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:19:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1017574	1078318	1093865	1063252	3.79	cps
Zinc	66-2	1293	1197	1340	1277	5.73	cps
Zirconium	90-1	4884	4468	5210	4854	7.66	cps
Zirconium	91-1	975	1317	1233	1175	15.16	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	878	934	898	903	3.14	cps
Antimony	121-1	267	250	358	292	20.00	cps
Arsenic	75-2	8630	8653	8408	8563	1.57	cps
Barium	135-1	46280	47868	47944	47364	1.98	cps
Barium	137-1	80699	82920	81571	81730	1.37	cps
Beryllium	9-1	62	42	52	52	19.23	cps
Bismuth	209-1	2092962	2156282	2108371	2119205	1.56	cps
Bismuth	209-2	1220284	1124954	1294274	1213171	7.00	cps
Boron	11-1	400922	447151	469664	439246	7.98	cps
Boron	10-1	80430	89129	93769	87776	7.71	cps
Bromine	81-1	1018861	1213289	1308791	1180314	12.52	cps
Cadmium	106-1	1975	1817	2100	1964	7.23	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Cadmium	111-1	1389	1280	1468	1379	6.86	cps
Calcium	43-1	2298231	2361465	2355446	2338381	1.49	cps
Calcium	44-1	37219249	38447157	38258440	37974949	1.74	cps
Chromium	52-2	1840	1743	1820	1801	2.83	cps
Cobalt	59-2	203	227	170	200	14.24	cps
Copper	63-2	1017	877	933	942	7.47	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	33	10	10	18	75.77	cps
Gadolinium	160-1	58	50	42	50	16.66	cps
Gadolinium	160-2	20	7	17	14	48.02	cps
Holmium	165-1	3845152	3947299	3914062	3902171	1.34	cps
Holmium	165-2	1955034	1779386	2051019	1928479	7.14	cps
Indium	115-1	3873087	4084449	3995811	3984449	2.66	cps
Indium	115-2	698110	633212	737119	689480	7.61	cps
Iron	54-2	331828	335699	323415	330314	1.90	cps
Iron	56-2	5993395	6091130	5972074	6018866	1.05	cps
Iron	57-2	148700	149807	148211	148906	0.55	cps
Krypton	83-1	377	350	363	363	3.67	cps
Lead	207-1	506	650	644	600	13.64	cps
Lead	208-1	2586	2794	2974	2785	6.96	cps
Lead	206-1	683	639	806	709	12.17	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	781265	811509	802424	798399	1.94	cps
Magnesium	24-2	8864104	8906482	8734816	8835134	1.01	cps
Manganese	55-2	462848	469836	457382	463355	1.35	cps
Molybdenum	94-1	8970	9278	8845	9031	2.47	cps
Molybdenum	95-1	14124	14742	14316	14394	2.20	cps
Molybdenum	96-1	15342	15617	15309	15423	1.10	cps
Molybdenum	97-1	9220	8511	8720	8817	4.13	cps
Molybdenum	98-1	21575	22310	21901	21929	1.68	cps
Neodymium	150-1	47	7	27	27	74.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1387	1320	1307	1338	3.20	cps
Phosphorus	31-2	425	658	500	528	22.57	cps
Potassium	39-2	235303	236193	232079	234525	0.92	cps
Rhodium	103-1	3730020	3892853	3802657	3808510	2.14	cps
Rhodium	103-2	1893756	1670918	1974024	1846233	8.51	cps
Scandium	45-1	2598870	2713703	2682126	2664900	2.23	cps
Scandium	45-2	118667	107132	125526	117108	7.94	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	52	67	48	56	17.99	cps
Selenium	82-1	205	255	224	228	11.08	cps
Silicon	28-1	25216600	25798298	26029465	25681454	1.63	cps
Silver	109-1	158	117	67	114	40.30	cps
Silver	107-1	100	108	150	119	22.43	cps
Sodium	23-2	87686967	89590362	86680335	87985888	1.68	cps
Strontium	86-1	5306801	5445221	5461233	5404418	1.57	cps
Strontium	88-1	45544878	46745994	47493498	46594790	2.11	cps
Sulfur	34-1	1990151	2031426	2052095	2024557	1.56	cps
Terbium	159-1	4124512	4230218	4268873	4207867	1.78	cps
Terbium	159-2	1977312	1775051	2035589	1929317	7.09	cps
Thallium	203-1	108	100	50	86	36.64	cps
Thallium	205-1	242	217	233	231	5.52	cps
Tin	118-1	367	417	383	389	6.55	cps
Titanium	47-1	1367	1233	1233	1278	6.02	cps
Uranium	238-1	11689	12181	12190	12020	2.38	cps
Vanadium	51-2	197	237	247	227	11.67	cps
Yttrium	89-1	7786727	7981084	8058180	7941997	1.76	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-02	Instrumnet Name :	P8
Client Sample ID :	MF4L01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:22:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1012111	923706	1072938	1002919	7.48	cps
Zinc	66-2	830	1000	1097	976	13.84	cps
Zirconium	90-1	2417	2409	2367	2398	1.12	cps
Zirconium	91-1	550	542	492	528	5.98	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934	928	954	939	1.45	cps
Antimony	121-1	192	208	317	239	28.41	cps
Arsenic	75-2	476	546	506	509	6.90	cps
Barium	135-1	20541	21167	20299	20669	2.17	cps
Barium	137-1	36324	36132	36049	36168	0.39	cps
Beryllium	9-1	40	26	48	38	29.29	cps
Bismuth	209-1	2061938	2096576	2106326	2088280	1.12	cps
Bismuth	209-2	1295325	1304612	1283008	1294315	0.84	cps
Boron	11-1	583077	644168	692812	640019	8.59	cps
Boron	10-1	118118	130008	140153	129426	8.52	cps
Bromine	81-1	901354	1041987	1116153	1019831	10.70	cps
Cadmium	106-1	2117	1767	2284	2056	12.83	cps
Cadmium	108-1	21	0	33	18	93.27	cps
Cadmium	111-1	1480	1258	1596	1444	11.90	cps
Calcium	43-1	3756296	3723436	3749861	3743198	0.47	cps
Calcium	44-1	60663339	61147266	60694806	60835137	0.45	cps
Chromium	52-2	1627	1653	1743	1675	3.65	cps
Cobalt	59-2	12325	11825	11675	11942	2.85	cps
Copper	63-2	1097	1117	1050	1088	3.15	cps
Dysprosium	156-1	67	42	33	47	36.74	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	25	58	100	61	61.49	cps
Erbium	164-2	53	17	13	28	79.90	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	53	10	37	33	65.57	cps
Holmium	165-1	3872668	3883383	3914598	3890216	0.56	cps
Holmium	165-2	2075678	2112045	2091072	2092932	0.87	cps
Indium	115-1	3967278	3937077	4013594	3972650	0.97	cps
Indium	115-2	749821	749591	740636	746683	0.70	cps
Iron	54-2	86270	85213	86964	86149	1.02	cps
Iron	56-2	1613369	1589141	1581725	1594745	1.04	cps
Iron	57-2	40496	40591	40385	40491	0.26	cps
Krypton	83-1	297	313	403	338	16.99	cps
Lead	207-1	583	689	817	696	16.78	cps
Lead	208-1	2890	3223	3170	3094	5.79	cps
Lead	206-1	844	806	717	789	8.30	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	850374	861354	862879	858202	0.79	cps
Magnesium	24-2	20156817	20277160	19819160	20084379	1.18	cps
Manganese	55-2	3372101	3421739	3432077	3408639	0.94	cps
Molybdenum	94-1	7486	7477	7410	7458	0.55	cps
Molybdenum	95-1	8786	9387	9495	9223	4.14	cps
Molybdenum	96-1	10079	10329	9820	10076	2.52	cps
Molybdenum	97-1	5593	5810	5551	5651	2.46	cps
Molybdenum	98-1	14049	14908	14007	14322	3.55	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	2394	2537	2157	2362	8.12	cps
Phosphorus	31-2	283	442	408	378	22.10	cps
Potassium	39-2	128586	129773	129225	129194	0.46	cps
Rhodium	103-1	3744580	3807955	3861043	3804526	1.53	cps
Rhodium	103-2	1975799	2006488	1989254	1990514	0.77	cps
Scandium	45-1	2602231	2603731	2652811	2619591	1.10	cps
Scandium	45-2	125438	124440	126727	125535	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	65	44	53	20.05	cps
Selenium	82-1	231	322	249	267	18.24	cps
Silicon	28-1	16588022	16881075	17215104	16894734	1.86	cps
Silver	109-1	183	200	175	186	6.84	cps
Silver	107-1	225	233	217	225	3.70	cps
Sodium	23-2	90581294	89874894	88970708	89808965	0.90	cps
Strontium	86-1	10716778	11000234	10995623	10904212	1.49	cps
Strontium	88-1	92320796	93910531	95569548	93933625	1.73	cps
Sulfur	34-1	7074233	7163765	7320994	7186330	1.74	cps
Terbium	159-1	4100480	4239330	4171705	4170505	1.66	cps
Terbium	159-2	2093314	2084935	2049373	2075874	1.12	cps
Thallium	203-1	33	92	83	69	45.44	cps
Thallium	205-1	183	183	217	194	9.90	cps
Tin	118-1	450	483	383	439	11.60	cps
Titanium	47-1	1067	1233	1267	1189	9.01	cps
Uranium	238-1	60728	61942	63711	62127	2.41	cps
Vanadium	51-2	217	220	203	213	4.13	cps
Yttrium	89-1	7823658	8050655	8076559	7983624	1.74	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-03	Instrumnet Name :	P8
Client Sample ID :	MF4L02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:25:27	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1093864	1090955	1063487	1082768	1.55	cps
Zinc	66-2	1100	1240	1247	1196	6.93	cps
Zirconium	90-1	6585	6577	6460	6541	1.07	cps
Zirconium	91-1	1283	1417	1350	1350	4.94	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1314	1258	1222	1264	3.67	cps
Antimony	121-1	292	300	333	308	7.15	cps
Arsenic	75-2	1673	1607	1588	1623	2.75	cps
Barium	135-1	18772	19857	18588	19072	3.59	cps
Barium	137-1	32790	33876	34729	33798	2.87	cps
Beryllium	9-1	40	26	24	30	29.05	cps
Bismuth	209-1	1892860	2003373	2060561	1985598	4.29	cps
Bismuth	209-2	1258859	1280076	1278076	1272337	0.92	cps
Boron	11-1	346331	374326	389899	370185	5.96	cps
Boron	10-1	70033	75507	78846	74795	5.95	cps
Bromine	81-1	938622	1070916	1174379	1061306	11.13	cps
Cadmium	106-1	1608	2009	1984	1867	12.00	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Cadmium	111-1	1142	1422	1433	1332	12.36	cps
Calcium	43-1	5442243	5405017	5458606	5435288	0.51	cps
Calcium	44-1	88756508	88411029	89419096	88862211	0.58	cps
Chromium	52-2	1720	1663	1650	1678	2.22	cps
Cobalt	59-2	9910	10120	10240	10090	1.66	cps
Copper	63-2	993	1100	1047	1047	5.10	cps
Dysprosium	156-1	42	50	58	50	16.66	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	33	108	75	72	52.04	cps
Erbium	164-2	50	20	37	36	42.27	cps
Gadolinium	160-1	150	58	133	114	42.88	cps
Gadolinium	160-2	33	37	40	37	9.10	cps
Holmium	165-1	3581471	3756261	3875208	3737647	3.95	cps
Holmium	165-2	2048956	2054974	2106396	2070109	1.53	cps
Indium	115-1	3600105	3779770	3961393	3780423	4.78	cps
Indium	115-2	728665	735094	739279	734346	0.73	cps
Iron	54-2	286374	289801	288498	288224	0.60	cps
Iron	56-2	5306178	5216654	5321424	5281419	1.07	cps
Iron	57-2	132028	131534	132515	132025	0.37	cps
Krypton	83-1	383	423	383	397	5.82	cps
Lead	207-1	767	961	789	839	12.69	cps
Lead	208-1	3451	4001	3857	3770	7.57	cps
Lead	206-1	839	1000	978	939	9.30	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	750438	758035	775461	761311	1.69	cps
Magnesium	24-2	23765010	23777504	23148129	23563548	1.53	cps
Manganese	55-2	2800169	2775851	2795175	2790399	0.46	cps
Molybdenum	94-1	5426	5426	4843	5232	6.44	cps
Molybdenum	95-1	7394	7519	7769	7561	2.53	cps
Molybdenum	96-1	8219	9220	8645	8695	5.78	cps
Molybdenum	97-1	4526	4576	4117	4406	5.71	cps
Molybdenum	98-1	11989	12689	13165	12614	4.69	cps
Neodymium	150-1	87	53	53	64	29.87	cps
Neodymium	150-2	30	20	17	22	31.22	cps
Nickel	60-2	2184	2014	2200	2132	4.84	cps
Phosphorus	31-2	767	642	533	647	18.04	cps
Potassium	39-2	407939	413426	406359	409241	0.91	cps
Rhodium	103-1	3462270	3626455	3740423	3609716	3.87	cps
Rhodium	103-2	1906400	1961481	1988399	1952093	2.14	cps
Scandium	45-1	2328721	2461392	2583510	2457874	5.18	cps
Scandium	45-2	122792	118824	122756	121457	1.88	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	54	74	42	57	28.53	cps
Selenium	82-1	183	132	298	205	41.54	cps
Silicon	28-1	20499071	20929480	20741186	20723246	1.04	cps
Silver	109-1	233	225	250	236	5.39	cps
Silver	107-1	258	242	283	261	8.03	cps
Sodium	23-2	81157385	83084404	80283614	81508468	1.76	cps
Strontium	86-1	11036047	11293117	11198800	11175988	1.16	cps
Strontium	88-1	95340877	98916452	97107029	97121453	1.84	cps
Sulfur	34-1	10019036	10128496	10073273	10073602	0.54	cps
Terbium	159-1	3796664	4002442	4186972	3995359	4.89	cps
Terbium	159-2	2074146	2077126	2079256	2076842	0.12	cps
Thallium	203-1	125	100	42	89	48.11	cps
Thallium	205-1	208	233	258	233	10.71	cps
Tin	118-1	342	400	533	425	23.12	cps
Titanium	47-1	1408	1350	1350	1370	2.46	cps
Uranium	238-1	36996	37355	37038	37130	0.53	cps
Vanadium	51-2	217	247	217	227	7.64	cps
Yttrium	89-1	7266569	7599468	7841138	7569058	3.81	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04	Instrumnet Name :	P8
Client Sample ID :	MF4L08	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:28:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1057504	1064385	1067637	1063175	0.49	cps
Zinc	66-2	3074	3227	3114	3138	2.54	cps
Zirconium	90-1	2334	2275	2217	2275	2.56	cps
Zirconium	91-1	517	375	558	483	19.88	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1146	1216	1190	1184	2.99	cps
Antimony	121-1	325	300	342	322	6.51	cps
Arsenic	75-2	1626	1663	1637	1642	1.16	cps
Barium	135-1	18647	19264	19798	19236	3.00	cps
Barium	137-1	33685	33910	32231	33275	2.74	cps
Beryllium	9-1	28	42	32	34	21.22	cps
Bismuth	209-1	2134203	2114400	2089130	2112577	1.07	cps
Bismuth	209-2	1293831	1275769	1286954	1285518	0.71	cps
Boron	11-1	317430	347562	371633	345542	7.86	cps
Boron	10-1	63491	70242	75935	69889	8.91	cps
Bromine	81-1	896541	1045422	1122215	1021393	11.23	cps
Cadmium	106-1	1775	1900	2250	1975	12.47	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Cadmium	111-1	1265	1336	1587	1396	12.14	cps
Calcium	43-1	5406992	5483808	5468036	5452945	0.74	cps
Calcium	44-1	87685612	88471285	90134985	88763961	1.41	cps
Chromium	52-2	1710	1657	1593	1653	3.53	cps
Cobalt	59-2	9990	9807	9877	9891	0.94	cps
Copper	63-2	953	1030	1037	1007	4.60	cps
Dysprosium	156-1	50	83	42	58	37.80	cps
Dysprosium	156-2	30	30	33	31	6.18	cps
Erbium	164-1	125	100	67	97	30.10	cps
Erbium	164-2	20	30	30	27	21.65	cps
Gadolinium	160-1	100	117	108	108	7.69	cps
Gadolinium	160-2	57	43	50	50	13.34	cps
Holmium	165-1	4034945	4009382	3917934	3987420	1.54	cps
Holmium	165-2	2098260	2019753	2080972	2066328	2.00	cps
Indium	115-1	4154481	4147513	3993234	4098409	2.22	cps
Indium	115-2	743707	731633	732505	735948	0.91	cps
Iron	54-2	282374	283540	281254	282389	0.40	cps
Iron	56-2	5177814	5165089	5113478	5152127	0.66	cps
Iron	57-2	129214	127369	130615	129066	1.26	cps
Krypton	83-1	440	333	317	363	18.42	cps
Lead	207-1	833	789	989	870	12.07	cps
Lead	208-1	3528	3828	4265	3874	9.57	cps
Lead	206-1	939	1028	1117	1028	8.65	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	764749	768952	762997	765566	0.40	cps
Magnesium	24-2	23000162	23402803	23164256	23189074	0.87	cps
Manganese	55-2	2706115	2725044	2706510	2712556	0.40	cps
Molybdenum	94-1	5143	5693	4776	5204	8.87	cps
Molybdenum	95-1	7727	7552	7727	7669	1.32	cps
Molybdenum	96-1	8103	8428	8311	8280	1.99	cps
Molybdenum	97-1	4276	4609	4909	4598	6.89	cps
Molybdenum	98-1	11797	11605	11380	11594	1.80	cps
Neodymium	150-1	53	73	80	69	20.15	cps
Neodymium	150-2	20	13	33	22	45.83	cps
Nickel	60-2	2110	2180	2020	2104	3.81	cps
Phosphorus	31-2	600	742	633	658	11.25	cps
Potassium	39-2	402185	397218	395363	398255	0.89	cps
Rhodium	103-1	3834336	3813157	3799412	3815635	0.46	cps
Rhodium	103-2	1961986	2001410	1926094	1963163	1.92	cps
Scandium	45-1	2615382	2628224	2639500	2627702	0.46	cps
Scandium	45-2	123079	120195	120722	121332	1.27	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	56	49	57	54	8.07	cps
Selenium	82-1	153	249	262	221	27.08	cps
Silicon	28-1	20436125	20400515	20626967	20487869	0.59	cps
Silver	109-1	217	283	283	261	14.74	cps
Silver	107-1	417	392	258	356	23.94	cps
Sodium	23-2	78636110	79419485	79766454	79274016	0.73	cps
Strontium	86-1	10881331	11115663	11168609	11055201	1.38	cps
Strontium	88-1	94187490	95659504	95115717	94987570	0.78	cps
Sulfur	34-1	10031538	10021894	10267424	10106952	1.38	cps
Terbium	159-1	4284958	4300347	4198135	4261147	1.29	cps
Terbium	159-2	2078451	2070649	2085169	2078090	0.35	cps
Thallium	203-1	108	100	125	111	11.46	cps
Thallium	205-1	283	217	317	272	18.71	cps
Tin	118-1	350	425	317	364	15.25	cps
Titanium	47-1	1492	1442	1433	1456	2.17	cps
Uranium	238-1	37406	38225	36486	37372	2.33	cps
Vanadium	51-2	190	217	187	198	8.31	cps
Yttrium	89-1	8119801	8076764	7942386	8046317	1.15	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-05	Instrumnet Name :	P8
Client Sample ID :	MF4L08D	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:31:06	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1063369	1054741	1070434	1062848	0.74	cps
Zinc	66-2	3164	3100	3347	3204	4.00	cps
Zirconium	90-1	2142	2025	2434	2200	9.56	cps
Zirconium	91-1	508	408	483	467	11.15	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	986	870	962	939	6.52	cps
Antimony	121-1	200	133	217	183	24.05	cps
Arsenic	75-2	343	378	321	347	8.28	cps
Barium	135-1	4001	3901	3959	3953	1.27	cps
Barium	137-1	6660	6619	6869	6716	2.00	cps
Beryllium	9-1	18	12	56	29	83.22	cps
Bismuth	209-1	2083702	2126301	2149416	2119806	1.57	cps
Bismuth	209-2	1308530	1301569	1277194	1295764	1.27	cps
Boron	11-1	90969	98716	98891	96192	4.70	cps
Boron	10-1	18790	19763	19871	19475	3.06	cps
Bromine	81-1	283017	301115	317489	300540	5.74	cps
Cadmium	106-1	1800	1892	2017	1903	5.72	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Cadmium	111-1	1268	1348	1426	1347	5.85	cps
Calcium	43-1	1067471	1090958	1102561	1086997	1.64	cps
Calcium	44-1	17430891	17684742	18092957	17736196	1.88	cps
Chromium	52-2	1510	1587	1720	1606	6.62	cps
Cobalt	59-2	1913	2074	2014	2000	4.04	cps
Copper	63-2	913	967	983	954	3.83	cps
Dysprosium	156-1	50	42	17	36	48.03	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	33	25	100	53	77.89	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	3663067	3795772	3819935	3759591	2.25	cps
Holmium	165-2	2047407	2000961	1986050	2011473	1.59	cps
Indium	115-1	3928805	3923493	4047143	3966480	1.76	cps
Indium	115-2	737136	726097	721559	728264	1.10	cps
Iron	54-2	58285	58341	58235	58287	0.09	cps
Iron	56-2	1066923	1059477	1049632	1058677	0.82	cps
Iron	57-2	27109	27416	26781	27102	1.17	cps
Krypton	83-1	380	303	377	353	12.26	cps
Lead	207-1	756	706	711	724	3.78	cps
Lead	208-1	3382	3323	3483	3396	2.39	cps
Lead	206-1	828	922	900	883	5.59	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	676452	692704	685944	685033	1.19	cps
Magnesium	24-2	4865788	4733863	4793889	4797846	1.38	cps
Manganese	55-2	563534	555180	544337	554350	1.74	cps
Molybdenum	94-1	1200	1433	1158	1264	11.73	cps
Molybdenum	95-1	1483	1667	1884	1678	11.94	cps
Molybdenum	96-1	1450	1517	1959	1642	16.83	cps
Molybdenum	97-1	1167	1033	1042	1081	6.91	cps
Molybdenum	98-1	2725	2250	2625	2534	9.89	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	483	597	517	532	10.94	cps
Phosphorus	31-2	308	267	342	306	12.30	cps
Potassium	39-2	116023	115342	114695	115353	0.58	cps
Rhodium	103-1	3764586	3724966	3903711	3797754	2.47	cps
Rhodium	103-2	2044872	2028189	2006042	2026368	0.96	cps
Scandium	45-1	2519846	2507767	2583148	2536921	1.60	cps
Scandium	45-2	121764	122359	122056	122060	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	37	45	46	21.74	cps
Selenium	82-1	25	132	37	65	90.98	cps
Silicon	28-1	4481780	4586808	4486801	4518463	1.31	cps
Silver	109-1	208	300	250	253	18.16	cps
Silver	107-1	342	392	275	336	17.41	cps
Sodium	23-2	16748211	16510032	16612027	16623423	0.72	cps
Strontium	86-1	2174956	2258282	2237944	2223727	1.95	cps
Strontium	88-1	18705518	18930014	19170421	18935317	1.23	cps
Sulfur	34-1	2415234	2467543	2396792	2426523	1.51	cps
Terbium	159-1	3984462	4148473	4242616	4125184	3.17	cps
Terbium	159-2	2037703	2014385	1992378	2014822	1.12	cps
Thallium	203-1	58	33	33	42	34.65	cps
Thallium	205-1	117	108	242	156	48.02	cps
Tin	118-1	483	400	517	467	12.88	cps
Titanium	47-1	975	1133	1067	1058	7.51	cps
Uranium	238-1	6885	7511	7369	7255	4.52	cps
Vanadium	51-2	33	33	47	38	20.39	cps
Yttrium	89-1	7656987	7867530	7919748	7814755	1.78	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3669-04LX5	Instrumnet Name :	P8
Client Sample ID :	MF4L08L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 16:33:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1051542	1057039	1041547	1050043	0.75	cps
Zinc	66-2	1433	1197	1147	1259	12.16	cps
Zirconium	90-1	550	583	933	689	30.83	cps
Zirconium	91-1	142	150	150	147	3.27	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1376832	1384112	1358667	1373204	0.95	cps
Antimony	121-1	1956390	1981716	1979155	1972420	0.71	cps
Arsenic	75-2	94997	95720	97225	95981	1.18	cps
Barium	135-1	1897071	1971078	1953874	1940675	2.00	cps
Barium	137-1	3347507	3333715	3320703	3333975	0.40	cps
Beryllium	9-1	335748	339230	345942	340306	1.52	cps
Bismuth	209-1	2192767	2085505	2109857	2129376	2.64	cps
Bismuth	209-2	1285705	1284662	1074154	1214841	10.03	cps
Boron	11-1	160506	174665	183365	172845	6.68	cps
Boron	10-1	33443	35784	39088	36105	7.85	cps
Bromine	81-1	82172	76635	74019	77609	5.36	cps
Cadmium	106-1	48042	50093	48888	49008	2.10	cps
Cadmium	108-1	32016	33081	33892	32996	2.85	cps
Cadmium	111-1	438333	453045	445164	445514	1.65	cps
Calcium	43-1	2218003	2233398	2228710	2226703	0.35	cps
Calcium	44-1	35390433	36774604	36416802	36193946	1.99	cps
Chromium	52-2	659363	656670	669533	661856	1.02	cps
Cobalt	59-2	1098533	1095122	1116316	1103324	1.03	cps
Copper	63-2	7834661	7780058	8046788	7887169	1.79	cps
Dysprosium	156-1	125	108	83	106	19.86	cps
Dysprosium	156-2	80	73	57	70	17.17	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	20	27	13	20	33.35	cps
Gadolinium	160-1	150	158	250	186	29.81	cps
Gadolinium	160-2	70	103	73	82	22.33	cps
Holmium	165-1	4052038	3938328	3945536	3978634	1.60	cps
Holmium	165-2	2081169	2070686	1711925	1954593	10.76	cps
Indium	115-1	4146717	3883437	3924286	3984813	3.56	cps
Indium	115-2	720802	727566	603190	683853	10.23	cps
Iron	54-2	6599460	6651003	6814280	6688248	1.68	cps
Iron	56-2	121888306	122303269	123197969	122463181	0.55	cps
Iron	57-2	3064853	3080895	3045391	3063713	0.58	cps
Krypton	83-1	340	427	377	381	11.42	cps
Lead	207-1	3854827	4070837	4014175	3979947	2.81	cps
Lead	208-1	17234330	17883757	17712338	17610142	1.91	cps
Lead	206-1	4350673	4468713	4437709	4419032	1.38	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	700058	675335	669050	681481	2.41	cps
Magnesium	24-2	18848567	18869689	18511457	18743238	1.07	cps
Manganese	55-2	3131865	3139348	3266115	3179109	2.37	cps
Molybdenum	94-1	3812879	3911611	3859647	3861379	1.28	cps
Molybdenum	95-1	4571971	4843989	4772136	4729365	2.98	cps
Molybdenum	96-1	5134270	5303442	5312171	5249961	1.91	cps
Molybdenum	97-1	2907556	2945240	2943380	2932059	0.72	cps
Molybdenum	98-1	7339352	7560238	7522843	7474144	1.58	cps
Neodymium	150-1	80	80	60	73	15.75	cps
Neodymium	150-2	7	10	33	17	87.16	cps
Nickel	60-2	294925	298254	303556	298912	1.46	cps
Phosphorus	31-2	21608	21191	21450	21416	0.98	cps
Potassium	39-2	8933862	8984160	9092319	9003447	0.90	cps
Rhodium	103-1	4050500	3852695	3807923	3903706	3.31	cps
Rhodium	103-2	1974082	2007950	1628002	1870012	11.24	cps
Scandium	45-1	2682246	2594960	2570975	2616060	2.24	cps
Scandium	45-2	122921	122222	102624	115922	9.94	cps
Selenium	77-2	1153	1263	1337	1251	7.38	cps
Selenium	78-2	4209	4487	4339	4345	3.20	cps
Selenium	82-1	31338	32462	32533	32111	2.09	cps
Silicon	28-1	1691749	1778699	1814691	1761713	3.59	cps
Silver	109-1	2033630	2176081	2085912	2098541	3.43	cps
Silver	107-1	2187511	2225552	2300144	2237736	2.56	cps
Sodium	23-2	37580881	37404975	37634635	37540164	0.32	cps
Strontium	86-1	578642	598458	601640	592913	2.10	cps
Strontium	88-1	5005126	5142670	5115927	5087908	1.43	cps
Sulfur	34-1	664865	651327	659081	658424	1.03	cps
Terbium	159-1	4426172	4201874	4214672	4280906	2.94	cps
Terbium	159-2	2075659	2046837	1705795	1942764	10.59	cps
Thallium	203-1	1031142	1066526	1069202	1055624	2.01	cps
Thallium	205-1	2430942	2499810	2507557	2479436	1.70	cps
Tin	118-1	1304600	1333327	1356987	1331638	1.97	cps
Titanium	47-1	1250414	1310406	1299597	1286806	2.48	cps
Uranium	238-1	2899019	2993087	3007314	2966474	1.98	cps
Vanadium	51-2	538205	542431	551132	543923	1.21	cps
Yttrium	89-1	8365824	7833802	7944122	8047916	3.49	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:36:45	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1061050	1067201	889059	1005770	10.05	cps
Zinc	66-2	1165684	1170984	1185790	1174153	0.89	cps
Zirconium	90-1	3062116	3203982	3169041	3145047	2.35	cps
Zirconium	91-1	690692	724097	713894	709561	2.41	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1410	1264	1424	1366	6.49	cps
Antimony	121-1	7244	7986	7360	7530	5.30	cps
Arsenic	75-2	211	196	211	206	4.20	cps
Barium	135-1	6685	7244	7878	7269	8.21	cps
Barium	137-1	12322	13357	12448	12709	4.44	cps
Beryllium	9-1	658	770	680	703	8.45	cps
Bismuth	209-1	2126074	2124456	2136182	2128904	0.30	cps
Bismuth	209-2	1293914	1318113	1302459	1304829	0.94	cps
Boron	11-1	20212	21179	21475	20955	3.15	cps
Boron	10-1	4074	4140	4324	4179	3.10	cps
Bromine	81-1	21148	21458	20937	21181	1.24	cps
Cadmium	106-1	2075	1934	1800	1936	7.10	cps
Cadmium	108-1	88	88	75	83	8.66	cps
Cadmium	111-1	2458	2221	2208	2296	6.13	cps
Calcium	43-1	5143	4701	4209	4684	9.97	cps
Calcium	44-1	197344	197865	194860	196690	0.82	cps
Chromium	52-2	3964	3957	3777	3899	2.72	cps
Cobalt	59-2	2154	1983	2134	2090	4.45	cps
Copper	63-2	4094	3984	4147	4075	2.04	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Holmium	165-1	3776362	3745615	3697082	3739686	1.07	cps
Holmium	165-2	1954243	2024059	1965621	1981308	1.89	cps
Indium	115-1	3884105	3831315	3852682	3856034	0.69	cps
Indium	115-2	716288	729474	717786	721182	1.00	cps
Iron	54-2	3212	3406	2939	3186	7.36	cps
Iron	56-2	51164	50266	50250	50560	1.03	cps
Iron	57-2	1311	1217	1272	1267	3.75	cps
Krypton	83-1	430	377	317	374	15.14	cps
Lead	207-1	2134	2378	2256	2256	5.42	cps
Lead	208-1	9966	10149	10113	10076	0.96	cps
Lead	206-1	2617	2539	2661	2606	2.37	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	635053	616347	619542	623647	1.60	cps
Magnesium	24-2	36856	36555	36672	36694	0.41	cps
Manganese	55-2	607	667	740	671	9.95	cps
Molybdenum	94-1	7336	7310	7561	7402	1.86	cps
Molybdenum	95-1	8978	8353	8461	8597	3.89	cps
Molybdenum	96-1	9879	9629	9812	9773	1.33	cps
Molybdenum	97-1	5243	4943	5259	5148	3.46	cps
Molybdenum	98-1	13373	14358	14166	13966	3.74	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	723	647	720	697	6.22	cps
Phosphorus	31-2	192	258	200	217	16.76	cps
Potassium	39-2	73856	73806	74459	74040	0.49	cps
Rhodium	103-1	3810271	3782488	3783157	3791972	0.42	cps
Rhodium	103-2	2002596	2029888	1985418	2005967	1.12	cps
Scandium	45-1	2496331	2477489	2443072	2472297	1.09	cps
Scandium	45-2	117866	119388	119069	118774	0.68	cps
Selenium	77-2	17	10	3	10	66.70	cps
Selenium	78-2	105	96	89	97	8.30	cps
Selenium	82-1	242	268	349	286	19.53	cps
Silicon	28-1	668934	669971	671810	670239	0.22	cps
Silver	109-1	4084	4217	4092	4131	1.81	cps
Silver	107-1	4092	4443	4593	4376	5.87	cps
Sodium	23-2	173488	171019	170707	171738	0.89	cps
Strontium	86-1	1767	1633	1600	1667	5.29	cps
Strontium	88-1	9779	9162	9720	9554	3.57	cps
Sulfur	34-1	484745	482706	478634	482029	0.65	cps
Terbium	159-1	4066711	3987488	4050296	4034832	1.04	cps
Terbium	159-2	1986677	1997165	2013386	1999076	0.67	cps
Thallium	203-1	2167	2292	2375	2278	4.60	cps
Thallium	205-1	5143	5276	4851	5090	4.27	cps
Tin	118-1	12706	12973	13257	12979	2.12	cps
Titanium	47-1	3526	3384	3234	3381	4.32	cps
Uranium	238-1	5460	5176	4993	5210	4.52	cps
Vanadium	51-2	4788	4881	4778	4815	1.18	cps
Yttrium	89-1	7590461	7538432	7677069	7601987	0.92	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:42:48	DataFile Name :	033LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1016443	1036922	1027378	1026914	1.00	cps
Zinc	66-2	927	827	900	884	5.85	cps
Zirconium	90-1	5985	5876	6435	6099	4.86	cps
Zirconium	91-1	1408	1225	1542	1392	11.42	cps

LB Number : LB110591 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2020-08-18 16:46:36 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	822	822	858	834	2.49	cps
Antimony	121-1	133	100	50	94	44.41	cps
Arsenic	75-2	14	12	8	11	26.96	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	17	17	17	17	0.00	cps
Beryllium	9-1	42	50	54	49	12.56	cps
Bismuth	209-1	2128346	2167266	2101831	2132481	1.54	cps
Bismuth	209-2	1359136	1315451	1321164	1331917	1.78	cps
Boron	11-1	11410	11524	11684	11540	1.19	cps
Boron	10-1	2398	2312	2434	2381	2.63	cps
Bromine	81-1	13591	13330	14091	13671	2.83	cps
Cadmium	106-1	2000	1942	1950	1964	1.61	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Cadmium	111-1	1423	1354	1373	1384	2.59	cps
Calcium	43-1	458	525	350	444	19.87	cps
Calcium	44-1	121260	117714	118420	119131	1.58	cps
Chromium	52-2	1550	1563	1673	1596	4.24	cps
Cobalt	59-2	30	43	33	36	19.51	cps
Copper	63-2	797	770	767	778	2.11	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	3803359	3732410	3789930	3775233	1.00	cps
Holmium	165-2	2061706	2032628	2019191	2037842	1.07	cps
Indium	115-1	3892458	3881317	3895606	3889794	0.19	cps
Indium	115-2	746970	725139	730514	734208	1.55	cps
Iron	54-2	556	506	667	576	14.32	cps
Iron	56-2	4051	3862	3678	3864	4.82	cps
Iron	57-2	150	111	161	141	18.65	cps
Krypton	83-1	380	337	393	370	8.01	cps
Lead	207-1	717	650	783	717	9.30	cps
Lead	208-1	3328	3097	3251	3225	3.65	cps
Lead	206-1	828	761	783	791	4.29	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:46:36	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	628975	633663	633001	631880	0.40	cps
Magnesium	24-2	417	600	567	528	18.50	cps
Manganese	55-2	377	350	390	372	5.47	cps
Molybdenum	94-1	217	175	208	200	11.02	cps
Molybdenum	95-1	133	75	67	92	39.63	cps
Molybdenum	96-1	133	133	117	128	7.53	cps
Molybdenum	97-1	33	58	58	50	28.88	cps
Molybdenum	98-1	100	117	83	100	16.66	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	103	57	88	30.69	cps
Phosphorus	31-2	325	167	208	233	35.17	cps
Potassium	39-2	40206	40199	39697	40034	0.73	cps
Rhodium	103-1	3907820	3912467	3877021	3899102	0.49	cps
Rhodium	103-2	2086722	2029017	2016133	2043958	1.84	cps
Scandium	45-1	2507660	2503227	2522471	2511119	0.40	cps
Scandium	45-2	125254	120850	120221	122108	2.25	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	33	41	47	40	17.41	cps
Selenium	82-1	1	30	-62	-10	-458.40	cps
Silicon	28-1	649478	649107	650223	649603	0.09	cps
Silver	109-1	67	58	42	56	22.91	cps
Silver	107-1	50	117	58	75	48.43	cps
Sodium	23-2	91930	91267	93012	92070	0.96	cps
Strontium	86-1	592	542	517	550	6.94	cps
Strontium	88-1	133	92	117	114	18.41	cps
Sulfur	34-1	487350	485811	485824	486328	0.18	cps
Terbium	159-1	4094359	4046332	4026943	4055878	0.86	cps
Terbium	159-2	2067548	2047615	2030614	2048592	0.90	cps
Thallium	203-1	125	92	92	103	18.73	cps
Thallium	205-1	167	200	208	192	11.50	cps
Tin	118-1	692	617	683	664	6.19	cps
Titanium	47-1	750	733	850	778	8.11	cps
Uranium	238-1	8	25	0	11	114.58	cps
Vanadium	51-2	17	27	23	22	22.91	cps
Yttrium	89-1	7725911	7672163	7610149	7669408	0.76	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:46:36	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1068712	1037033	1047057	1050934	1.54	cps
Zinc	66-2	400	357	373	377	5.80	cps
Zirconium	90-1	350	283	242	292	18.73	cps
Zirconium	91-1	58	83	42	61	34.32	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1184	1358	1286	1276	6.85	cps
Antimony	121-1	7552	7802	7335	7563	3.09	cps
Arsenic	75-2	161	165	157	161	2.48	cps
Barium	135-1	7286	6819	7210	7105	3.53	cps
Barium	137-1	11881	12398	12606	12295	3.04	cps
Beryllium	9-1	632	752	672	685	8.92	cps
Bismuth	209-1	1933574	2090131	2099773	2041160	4.57	cps
Bismuth	209-2	1259449	1430546	1295587	1328527	6.79	cps
Boron	11-1	13331	14740	15047	14373	6.37	cps
Boron	10-1	2770	2934	3092	2932	5.49	cps
Bromine	81-1	9443	9523	9413	9460	0.60	cps
Cadmium	106-1	1625	1992	2025	1881	11.80	cps
Cadmium	108-1	100	46	96	81	37.42	cps
Cadmium	111-1	2051	2437	2334	2274	8.79	cps
Calcium	43-1	4476	4701	4701	4626	2.81	cps
Calcium	44-1	183099	185141	183045	183762	0.65	cps
Chromium	52-2	4057	3711	4041	3936	4.97	cps
Cobalt	59-2	2134	2004	2204	2114	4.80	cps
Copper	63-2	4007	4117	4114	4080	1.53	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	23	10	10	14	53.28	cps
Holmium	165-1	3443304	3759995	3700798	3634699	4.63	cps
Holmium	165-2	1931888	2211594	1950767	2031416	7.70	cps
Indium	115-1	3580232	3854198	3835299	3756576	4.07	cps
Indium	115-2	693838	803647	715980	737821	7.87	cps
Iron	54-2	3456	3006	3350	3271	7.20	cps
Iron	56-2	50662	50617	50852	50710	0.25	cps
Iron	57-2	1445	1278	1272	1332	7.35	cps
Krypton	83-1	417	407	373	399	5.69	cps
Lead	207-1	2222	2089	2006	2106	5.19	cps
Lead	208-1	8971	8867	8616	8818	2.07	cps
Lead	206-1	2134	2272	2250	2219	3.36	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	583426	621646	615953	607009	3.40	cps
Magnesium	24-2	36880	36020	36129	36343	1.29	cps
Manganese	55-2	677	663	797	712	10.31	cps
Molybdenum	94-1	6902	7427	7302	7210	3.81	cps
Molybdenum	95-1	8595	8553	8920	8689	2.31	cps
Molybdenum	96-1	9478	9262	9537	9426	1.54	cps
Molybdenum	97-1	5159	5876	5243	5426	7.23	cps
Molybdenum	98-1	13582	13624	13674	13627	0.34	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	643	717	613	658	8.08	cps
Phosphorus	31-2	217	217	292	242	17.92	cps
Potassium	39-2	73018	72557	71703	72426	0.92	cps
Rhodium	103-1	3530830	3748265	3801483	3693526	3.88	cps
Rhodium	103-2	1971165	2264317	1967024	2067502	8.24	cps
Scandium	45-1	2326418	2476216	2477917	2426850	3.58	cps
Scandium	45-2	114603	132752	118272	121876	7.87	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	72	105	103	93	19.82	cps
Selenium	82-1	249	304	233	262	14.35	cps
Silicon	28-1	683886	682312	673923	680040	0.79	cps
Silver	109-1	4217	4334	3942	4165	4.83	cps
Silver	107-1	3942	4301	4409	4217	5.79	cps
Sodium	23-2	159178	160652	160105	159978	0.47	cps
Strontium	86-1	1617	1633	1675	1642	1.83	cps
Strontium	88-1	9654	10062	9612	9776	2.55	cps
Sulfur	34-1	490411	493218	491568	491732	0.29	cps
Terbium	159-1	3715058	3975246	3968795	3886366	3.82	cps
Terbium	159-2	1917241	2212799	1998813	2042951	7.47	cps
Thallium	203-1	1975	2059	2042	2025	2.18	cps
Thallium	205-1	5568	4951	4551	5023	10.20	cps
Tin	118-1	12765	13198	13157	13040	1.84	cps
Titanium	47-1	3392	3192	3367	3317	3.29	cps
Uranium	238-1	4926	5401	5418	5248	5.32	cps
Vanadium	51-2	4974	5054	4714	4914	3.62	cps
Yttrium	89-1	7070539	7563042	7488186	7373922	3.60	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:52:21	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	990381	1148483	1023956	1054274	7.90	cps
Zinc	66-2	800	797	743	780	4.08	cps
Zirconium	90-1	5860	6368	6360	6196	4.70	cps
Zirconium	91-1	1433	1233	1092	1253	13.70	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1284	1202	1226	1237	3.41	cps
Antimony	121-1	567	667	658	631	8.80	cps
Arsenic	75-2	151	146	140	146	3.78	cps
Barium	135-1	75411	77555	75753	76240	1.51	cps
Barium	137-1	132032	135921	135835	134596	1.65	cps
Beryllium	9-1	54	54	62	57	8.15	cps
Bismuth	209-1	2266761	2284350	2275274	2275462	0.39	cps
Bismuth	209-2	1357345	1390427	1443320	1397031	3.10	cps
Boron	11-1	21584	23915	24772	23423	7.04	cps
Boron	10-1	4352	4990	4894	4745	7.25	cps
Bromine	81-1	30023	34277	37458	33919	11.00	cps
Cadmium	106-1	1975	2109	2125	2070	3.97	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Cadmium	111-1	1383	1492	1521	1465	4.94	cps
Calcium	43-1	389052	390441	394328	391273	0.70	cps
Calcium	44-1	6368989	6565524	6482176	6472230	1.52	cps
Chromium	52-2	1863	1817	1827	1836	1.34	cps
Cobalt	59-2	93	140	107	113	21.21	cps
Copper	63-2	132282	131741	131495	131840	0.31	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	8	42	58	36	70.51	cps
Gadolinium	160-2	10	33	33	26	52.71	cps
Holmium	165-1	4027910	4102904	4076650	4069155	0.94	cps
Holmium	165-2	2084271	2146149	2238074	2156165	3.59	cps
Indium	115-1	4166968	4100908	4182138	4150005	1.04	cps
Indium	115-2	760479	778837	809374	782897	3.15	cps
Iron	54-2	9943	10309	10137	10130	1.81	cps
Iron	56-2	180815	180421	178679	179972	0.63	cps
Iron	57-2	4879	4479	4506	4621	4.83	cps
Krypton	83-1	350	377	393	373	5.85	cps
Lead	207-1	2795	2728	2995	2839	4.89	cps
Lead	208-1	12703	13081	13728	13171	3.94	cps
Lead	206-1	3284	3528	3673	3495	5.63	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	659911	667996	663249	663719	0.61	cps
Magnesium	24-2	575239	580260	577670	577723	0.43	cps
Manganese	55-2	4898	4507	4808	4738	4.31	cps
Molybdenum	94-1	592	583	533	569	5.54	cps
Molybdenum	95-1	575	575	600	583	2.47	cps
Molybdenum	96-1	683	617	717	672	7.58	cps
Molybdenum	97-1	383	400	400	394	2.44	cps
Molybdenum	98-1	808	933	792	844	9.17	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	1640	1533	1597	1590	3.37	cps
Phosphorus	31-2	675	758	708	714	5.88	cps
Potassium	39-2	169082	165096	163689	165956	1.69	cps
Rhodium	103-1	4065532	4079782	4137239	4094184	0.93	cps
Rhodium	103-2	2110920	2158533	2225980	2165144	2.67	cps
Scandium	45-1	2680706	2701490	2706766	2696321	0.51	cps
Scandium	45-2	125341	128048	133385	128925	3.17	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	54	45	48	49	9.36	cps
Selenium	82-1	10	-17	-30	-12	-167.98	cps
Silicon	28-1	3969271	3997532	3968946	3978583	0.41	cps
Silver	109-1	92	117	125	111	15.61	cps
Silver	107-1	175	158	117	150	20.03	cps
Sodium	23-2	13726625	13559226	13594313	13626721	0.65	cps
Strontium	86-1	162681	164534	162790	163335	0.64	cps
Strontium	88-1	1415733	1475898	1432736	1441456	2.15	cps
Sulfur	34-1	693251	704940	692390	696861	1.01	cps
Terbium	159-1	4345714	4338376	4356843	4346978	0.21	cps
Terbium	159-2	2100841	2190166	2243149	2178052	3.30	cps
Thallium	203-1	142	133	58	111	41.30	cps
Thallium	205-1	308	208	283	267	19.52	cps
Tin	118-1	1317	1417	1283	1339	5.18	cps
Titanium	47-1	975	1083	1008	1022	5.43	cps
Uranium	238-1	675	608	650	644	5.23	cps
Vanadium	51-2	397	430	457	428	7.03	cps
Yttrium	89-1	8231414	8276107	8092919	8200146	1.16	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-01	Instrumnet Name :	P8
Client Sample ID :	WS-1	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:55:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1086696	1111948	1145137	1114594	2.63	cps
Zinc	66-2	5441	5421	5238	5367	2.09	cps
Zirconium	90-1	567	642	542	583	8.92	cps
Zirconium	91-1	133	158	100	131	22.42	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1080	1066	1106	1084	1.87	cps
Antimony	121-1	667	567	492	575	15.27	cps
Arsenic	75-2	123	147	150	140	10.57	cps
Barium	135-1	75502	77187	74438	75709	1.83	cps
Barium	137-1	132294	134608	134623	133842	1.00	cps
Beryllium	9-1	50	38	38	42	16.50	cps
Bismuth	209-1	2303201	1789093	2219468	2103921	13.11	cps
Bismuth	209-2	1361925	1385234	1384506	1377221	0.96	cps
Boron	11-1	20284	22933	23841	22353	8.27	cps
Boron	10-1	4002	4552	4824	4459	9.39	cps
Bromine	81-1	30464	34929	39175	34856	12.50	cps
Cadmium	106-1	2159	1625	2309	2031	17.69	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Cadmium	111-1	1506	1156	1622	1428	17.02	cps
Calcium	43-1	383511	393633	384438	387194	1.45	cps
Calcium	44-1	6427969	6517858	6412605	6452810	0.88	cps
Chromium	52-2	1580	1637	1780	1666	6.19	cps
Cobalt	59-2	70	60	63	64	7.90	cps
Copper	63-2	160807	160649	161291	160915	0.21	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	13	23	13	17	34.65	cps
Holmium	165-1	4084929	3228156	3982506	3765197	12.43	cps
Holmium	165-2	2104780	2156292	2168320	2143130	1.57	cps
Indium	115-1	4170266	3311927	4040418	3840870	12.05	cps
Indium	115-2	759128	769482	770496	766368	0.82	cps
Iron	54-2	10198	9676	9876	9917	2.66	cps
Iron	56-2	178322	179683	179425	179144	0.40	cps
Iron	57-2	4751	4501	4545	4599	2.90	cps
Krypton	83-1	387	410	347	381	8.40	cps
Lead	207-1	1328	1267	1267	1287	2.74	cps
Lead	208-1	5942	6386	6085	6138	3.69	cps
Lead	206-1	1533	1700	1711	1648	6.04	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	668903	537618	640659	615727	11.22	cps
Magnesium	24-2	571576	571219	570360	571052	0.11	cps
Manganese	55-2	3614	4121	3871	3868	6.55	cps
Molybdenum	94-1	492	533	642	556	13.94	cps
Molybdenum	95-1	450	550	475	492	10.59	cps
Molybdenum	96-1	525	608	475	536	12.56	cps
Molybdenum	97-1	317	250	267	278	12.49	cps
Molybdenum	98-1	742	592	675	669	11.23	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	477	460	410	449	7.73	cps
Phosphorus	31-2	750	658	625	678	9.55	cps
Potassium	39-2	162407	165870	161978	163418	1.31	cps
Rhodium	103-1	4160244	3194258	4002483	3785662	13.69	cps
Rhodium	103-2	2134048	2142279	2109710	2128679	0.80	cps
Scandium	45-1	2728568	2087029	2651325	2488974	14.07	cps
Scandium	45-2	126861	125085	125573	125840	0.73	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	45	45	50	47	6.20	cps
Selenium	82-1	13	-42	8	-7	-433.17	cps
Silicon	28-1	3893860	3952978	3968937	3938592	1.00	cps
Silver	109-1	100	50	100	83	34.64	cps
Silver	107-1	117	108	100	108	7.69	cps
Sodium	23-2	13207299	13393603	13195159	13265354	0.84	cps
Strontium	86-1	160515	168540	165253	164769	2.45	cps
Strontium	88-1	1402523	1459612	1399496	1420544	2.38	cps
Sulfur	34-1	695367	702701	704443	700837	0.69	cps
Terbium	159-1	4340897	3462747	4188989	3997544	11.74	cps
Terbium	159-2	2124278	2132723	2168463	2141822	1.10	cps
Thallium	203-1	75	25	83	61	51.63	cps
Thallium	205-1	133	158	108	133	18.75	cps
Tin	118-1	425	608	533	522	17.65	cps
Titanium	47-1	967	883	808	886	8.94	cps
Uranium	238-1	667	550	642	619	9.92	cps
Vanadium	51-2	410	383	443	412	7.29	cps
Yttrium	89-1	8191754	6405843	7942781	7513459	12.87	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02	Instrumnet Name :	P8
Client Sample ID :	WS-2	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 16:58:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1084780	1102923	1105492	1097732	1.03	cps
Zinc	66-2	6868	7155	6942	6988	2.13	cps
Zirconium	90-1	508	417	433	453	10.78	cps
Zirconium	91-1	142	50	58	83	60.83	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18100	17893	17481	17825	1.77	cps
Antimony	121-1	9545	9754	10171	9823	3.24	cps
Arsenic	75-2	1182	1188	1158	1176	1.35	cps
Barium	135-1	307738	320546	318080	315455	2.15	cps
Barium	137-1	545047	561167	552043	552753	1.46	cps
Beryllium	9-1	148	116	124	129	12.87	cps
Bismuth	209-1	2256325	2287238	2236673	2260079	1.13	cps
Bismuth	209-2	1381928	1389117	1347071	1372705	1.64	cps
Boron	11-1	20706	23011	23899	22539	7.31	cps
Boron	10-1	4298	4664	4862	4608	6.21	cps
Bromine	81-1	33745	38693	42126	38188	11.03	cps
Cadmium	106-1	2242	2125	2200	2189	2.70	cps
Cadmium	108-1	104	125	88	106	17.80	cps
Cadmium	111-1	1751	1613	1716	1693	4.24	cps
Calcium	43-1	422103	419733	421212	421016	0.28	cps
Calcium	44-1	6867029	7006299	6893538	6922289	1.07	cps
Chromium	52-2	4054	3907	3674	3878	4.94	cps
Cobalt	59-2	3077	3174	3060	3104	1.97	cps
Copper	63-2	16275286	15965286	15364790	15868454	2.92	cps
Dysprosium	156-1	1458	1467	1350	1425	4.57	cps
Dysprosium	156-2	857	737	803	799	7.53	cps
Erbium	164-1	2109	2050	1617	1925	13.96	cps
Erbium	164-2	980	960	893	944	4.81	cps
Gadolinium	160-1	1809	1775	1834	1806	1.62	cps
Gadolinium	160-2	1127	987	1093	1069	6.84	cps
Holmium	165-1	4115884	4103993	4020876	4080251	1.27	cps
Holmium	165-2	2152839	2170411	2103796	2142348	1.61	cps
Indium	115-1	4204845	4155612	4085544	4148667	1.45	cps
Indium	115-2	770374	773726	744559	762886	2.09	cps
Iron	54-2	1869514	1814975	1758961	1814483	3.05	cps
Iron	56-2	32905083	32241738	31601851	32249557	2.02	cps
Iron	57-2	804070	801871	785057	796999	1.30	cps
Krypton	83-1	360	297	360	339	10.79	cps
Lead	207-1	152300	153711	150957	152323	0.90	cps
Lead	208-1	693186	707465	695205	698619	1.11	cps
Lead	206-1	174993	178073	177312	176792	0.91	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	684938	674406	669537	676294	1.16	cps
Magnesium	24-2	607364	601148	585523	598012	1.88	cps
Manganese	55-2	1748701	1730341	1680662	1719901	2.05	cps
Molybdenum	94-1	15776	16118	15534	15809	1.86	cps
Molybdenum	95-1	900	983	917	933	4.72	cps
Molybdenum	96-1	3559	3709	3559	3609	2.40	cps
Molybdenum	97-1	642	575	525	581	10.08	cps
Molybdenum	98-1	1417	1442	1533	1464	4.20	cps
Neodymium	150-1	1580	1700	1653	1645	3.68	cps
Neodymium	150-2	660	610	597	622	5.37	cps
Nickel	60-2	9603	9640	8940	9394	4.20	cps
Phosphorus	31-2	9929	9620	9678	9742	1.68	cps
Potassium	39-2	165913	164817	160629	163786	1.70	cps
Rhodium	103-1	4127831	4120152	3993108	4080364	1.85	cps
Rhodium	103-2	2093236	2126774	2050217	2090076	1.84	cps
Scandium	45-1	2717868	2744758	2641589	2701405	1.98	cps
Scandium	45-2	126383	127660	123585	125876	1.66	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	54	64	48	55	14.61	cps
Selenium	82-1	20	70	-6	28	136.45	cps
Silicon	28-1	5455527	5341003	5347407	5381312	1.20	cps
Silver	109-1	908	808	1008	908	11.01	cps
Silver	107-1	1133	1058	967	1053	7.93	cps
Sodium	23-2	13559988	13341603	13117421	13339671	1.66	cps
Strontium	86-1	184101	188872	185840	186271	1.30	cps
Strontium	88-1	1616848	1625727	1602774	1615116	0.72	cps
Sulfur	34-1	703391	696182	691712	697095	0.85	cps
Terbium	159-1	4377344	4401306	4317840	4365497	0.98	cps
Terbium	159-2	2159244	2160566	2113196	2144335	1.26	cps
Thallium	203-1	133	50	92	92	45.46	cps
Thallium	205-1	158	267	175	200	29.17	cps
Tin	118-1	45109	43963	44590	44554	1.29	cps
Titanium	47-1	4259	3742	3917	3973	6.62	cps
Uranium	238-1	4151	4092	4259	4167	2.03	cps
Vanadium	51-2	7712	7902	8039	7884	2.08	cps
Yttrium	89-1	8372891	8344921	8171514	8296442	1.31	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-03	Instrumnet Name :	P8
Client Sample ID :	WS-3	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:00:53	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1109078	1112370	1075826	1099091	1.84	cps
Zinc	66-2	226625	225925	221745	224765	1.17	cps
Zirconium	90-1	41488	41914	42399	41933	1.09	cps
Zirconium	91-1	9812	9870	9362	9681	2.88	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1138	1248	1170	1185	4.77	cps
Antimony	121-1	500	625	567	564	11.09	cps
Arsenic	75-2	116	142	127	128	10.17	cps
Barium	135-1	75083	77463	76835	76460	1.61	cps
Barium	137-1	132639	134573	132133	133115	0.97	cps
Beryllium	9-1	52	46	60	53	13.34	cps
Bismuth	209-1	2262317	2330226	2287999	2293514	1.50	cps
Bismuth	209-2	1338359	1346236	1342878	1342491	0.29	cps
Boron	11-1	19952	21712	23063	21576	7.23	cps
Boron	10-1	3964	4402	4548	4304	7.06	cps
Bromine	81-1	29712	34648	36725	33695	10.69	cps
Cadmium	106-1	2267	2450	2100	2272	7.70	cps
Cadmium	108-1	0	13	21	11	94.37	cps
Cadmium	111-1	1595	1736	1464	1598	8.50	cps
Calcium	43-1	383331	391968	391894	389064	1.28	cps
Calcium	44-1	6299276	6520748	6470746	6430257	1.81	cps
Chromium	52-2	1707	1753	1707	1722	1.56	cps
Cobalt	59-2	63	57	53	58	8.81	cps
Copper	63-2	161578	164741	159964	162094	1.50	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	10	30	23	21	48.24	cps
Gadolinium	160-1	83	75	8	56	74.00	cps
Gadolinium	160-2	17	27	7	17	59.99	cps
Holmium	165-1	4027772	4169084	4079295	4092050	1.75	cps
Holmium	165-2	2097821	2107641	2106425	2103963	0.25	cps
Indium	115-1	4060749	4200419	4174104	4145091	1.79	cps
Indium	115-2	745248	745393	747835	746159	0.19	cps
Iron	54-2	10654	10560	10371	10528	1.37	cps
Iron	56-2	185035	183206	183380	183874	0.55	cps
Iron	57-2	4890	4662	4856	4803	2.56	cps
Krypton	83-1	407	390	297	364	16.27	cps
Lead	207-1	1967	1900	2078	1982	4.53	cps
Lead	208-1	8769	9116	8811	8899	2.13	cps
Lead	206-1	2284	2289	2211	2261	1.92	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	664656	678703	675795	673052	1.10	cps
Magnesium	24-2	580067	580211	576064	578780	0.41	cps
Manganese	55-2	4304	4274	4311	4296	0.45	cps
Molybdenum	94-1	442	508	467	472	7.13	cps
Molybdenum	95-1	542	392	625	519	22.76	cps
Molybdenum	96-1	567	542	400	503	17.88	cps
Molybdenum	97-1	258	308	283	283	8.82	cps
Molybdenum	98-1	625	608	725	653	9.67	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	7	0	20	9	114.55	cps
Nickel	60-2	460	467	393	440	9.22	cps
Phosphorus	31-2	642	675	567	628	8.84	cps
Potassium	39-2	161119	162684	161977	161927	0.48	cps
Rhodium	103-1	3970804	4163897	4094261	4076320	2.40	cps
Rhodium	103-2	2049325	2052831	2046209	2049455	0.16	cps
Scandium	45-1	2703311	2730911	2761672	2731965	1.07	cps
Scandium	45-2	125291	125712	124161	125055	0.64	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	55	60	56	57	4.64	cps
Selenium	82-1	-46	-70	59	-19	-358.05	cps
Silicon	28-1	3888563	3989495	4057910	3978656	2.14	cps
Silver	109-1	33	67	108	69	54.12	cps
Silver	107-1	133	83	125	114	23.52	cps
Sodium	23-2	13671345	13401336	13506303	13526328	1.01	cps
Strontium	86-1	159689	166062	163935	163229	1.99	cps
Strontium	88-1	1396354	1434088	1421310	1417251	1.35	cps
Sulfur	34-1	683828	685418	692624	687290	0.68	cps
Terbium	159-1	4304763	4416208	4384926	4368632	1.32	cps
Terbium	159-2	2093660	2090490	2135769	2106640	1.20	cps
Thallium	203-1	25	50	33	36	35.25	cps
Thallium	205-1	142	142	142	142	0.00	cps
Tin	118-1	942	792	858	864	8.70	cps
Titanium	47-1	833	950	883	889	6.59	cps
Uranium	238-1	583	808	725	706	16.12	cps
Vanadium	51-2	367	403	390	387	4.80	cps
Yttrium	89-1	8018473	8348754	8310451	8225893	2.20	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02DUP	Instrumnet Name :	P8
Client Sample ID :	WS-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:03:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1067498	1072562	1063744	1067935	0.41	cps
Zinc	66-2	6565	6565	6615	6582	0.44	cps
Zirconium	90-1	442	525	575	514	13.11	cps
Zirconium	91-1	133	117	142	131	9.75	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	868	908	888	888	2.25	cps
Antimony	121-1	225	242	117	194	34.91	cps
Arsenic	75-2	27	37	38	34	17.89	cps
Barium	135-1	14066	14099	14583	14250	2.03	cps
Barium	137-1	24114	24757	24832	24567	1.61	cps
Beryllium	9-1	52	46	28	42	29.75	cps
Bismuth	209-1	2176369	2198954	2209134	2194819	0.76	cps
Bismuth	209-2	1302648	1316973	1309386	1309669	0.55	cps
Boron	11-1	7877	7995	8465	8112	3.84	cps
Boron	10-1	1706	1632	1724	1687	2.89	cps
Bromine	81-1	12709	12759	12689	12719	0.28	cps
Cadmium	106-1	1842	1867	2175	1961	9.47	cps
Cadmium	108-1	21	0	17	13	88.19	cps
Cadmium	111-1	1279	1315	1523	1372	9.62	cps
Calcium	43-1	73497	74577	73480	73851	0.85	cps
Calcium	44-1	1293187	1354212	1310974	1319458	2.38	cps
Chromium	52-2	1530	1550	1450	1510	3.50	cps
Cobalt	59-2	30	43	37	37	18.18	cps
Copper	63-2	31572	31635	31415	31541	0.36	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	50	50	117	72	53.30	cps
Gadolinium	160-2	17	23	13	18	28.64	cps
Holmium	165-1	3946296	3799782	3927785	3891288	2.05	cps
Holmium	165-2	2014549	2052710	2008806	2025355	1.18	cps
Indium	115-1	4041712	4021984	3957112	4006936	1.10	cps
Indium	115-2	730695	724744	724387	726609	0.49	cps
Iron	54-2	2623	2489	2539	2550	2.64	cps
Iron	56-2	37332	37477	37265	37358	0.29	cps
Iron	57-2	1106	1050	1111	1089	3.10	cps
Krypton	83-1	337	337	377	350	6.60	cps
Lead	207-1	567	622	633	607	5.88	cps
Lead	208-1	2979	2971	2711	2887	5.28	cps
Lead	206-1	861	767	744	791	7.83	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650495	661286	649063	653615	1.02	cps
Magnesium	24-2	108596	112382	110183	110387	1.72	cps
Manganese	55-2	840	833	877	850	2.74	cps
Molybdenum	94-1	225	267	275	256	10.48	cps
Molybdenum	95-1	75	83	158	106	43.48	cps
Molybdenum	96-1	125	133	183	147	21.43	cps
Molybdenum	97-1	100	117	125	114	11.18	cps
Molybdenum	98-1	217	200	175	197	10.63	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	127	123	137	129	5.38	cps
Phosphorus	31-2	417	242	300	319	27.89	cps
Potassium	39-2	61900	62109	61824	61945	0.24	cps
Rhodium	103-1	3931217	3934298	3975874	3947130	0.63	cps
Rhodium	103-2	2082392	2073339	2020462	2058731	1.62	cps
Scandium	45-1	2561226	2611056	2561990	2578091	1.11	cps
Scandium	45-2	118726	120510	120941	120059	0.98	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	33	57	52	32.24	cps
Selenium	82-1	66	50	-27	29	169.14	cps
Silicon	28-1	1284028	1297571	1305045	1295548	0.82	cps
Silver	109-1	50	42	58	50	16.67	cps
Silver	107-1	108	58	58	75	38.49	cps
Sodium	23-2	2635005	2657748	2605030	2632594	1.00	cps
Strontium	86-1	30793	32088	31761	31547	2.13	cps
Strontium	88-1	261138	268369	270685	266731	1.87	cps
Sulfur	34-1	542279	540934	540220	541144	0.19	cps
Terbium	159-1	4152733	4172870	4162175	4162593	0.24	cps
Terbium	159-2	2026472	2027191	2028863	2027508	0.06	cps
Thallium	203-1	75	58	83	72	17.62	cps
Thallium	205-1	150	108	192	150	27.78	cps
Tin	118-1	408	450	508	456	11.03	cps
Titanium	47-1	825	725	708	753	8.38	cps
Uranium	238-1	117	108	150	125	17.64	cps
Vanadium	51-2	107	100	90	99	8.48	cps
Yttrium	89-1	7744700	7815108	7763158	7774322	0.47	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02LX5	Instrumnet Name :	P8
Client Sample ID :	WS-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-08-18 17:06:33	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1039320	1041822	1029959	1037034	0.60	cps
Zinc	66-2	1443	1547	1483	1491	3.49	cps
Zirconium	90-1	408	292	258	319	24.66	cps
Zirconium	91-1	33	100	75	69	48.50	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56126	55628	55837	55864	0.45	cps
Antimony	121-1	3272093	3274616	3330388	3292365	1.00	cps
Arsenic	75-2	155986	153988	154285	154753	0.70	cps
Barium	135-1	236926	242702	243401	241010	1.47	cps
Barium	137-1	412095	420117	422308	418173	1.29	cps
Beryllium	9-1	145059	146926	147431	146472	0.85	cps
Bismuth	209-1	2235484	2302332	2295097	2277638	1.61	cps
Bismuth	209-2	1395073	1385090	1384803	1388322	0.42	cps
Boron	11-1	96505	112028	122937	110490	12.02	cps
Boron	10-1	19387	22310	24475	22058	11.58	cps
Bromine	81-1	28257	32782	35090	32043	10.85	cps
Cadmium	106-1	18379	19072	18755	18735	1.85	cps
Cadmium	108-1	12727	12539	13236	12834	2.81	cps
Cadmium	111-1	190074	193550	191924	191849	0.91	cps
Calcium	43-1	398995	406592	409837	405141	1.37	cps
Calcium	44-1	6666933	6706098	6738142	6703725	0.53	cps
Chromium	52-2	544603	542335	541058	542665	0.33	cps
Cobalt	59-2	461304	466562	459471	462445	0.80	cps
Copper	63-2	697772	693906	695457	695712	0.28	cps
Dysprosium	156-1	100190	101408	104810	102136	2.34	cps
Dysprosium	156-2	12396	12569	12523	12496	0.72	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	17	27	10	18	47.19	cps
Gadolinium	160-1	42	75	100	72	40.52	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	3983404	4102749	4039940	4042031	1.48	cps
Holmium	165-2	2160261	2131211	2160240	2150571	0.78	cps
Indium	115-1	4102504	4058493	4130188	4097062	0.88	cps
Indium	115-2	759271	755527	757415	757404	0.25	cps
Iron	54-2	198297	200268	198278	198948	0.57	cps
Iron	56-2	3326847	3364218	3294160	3328408	1.05	cps
Iron	57-2	82158	82090	82068	82106	0.06	cps
Krypton	83-1	393	320	387	367	11.06	cps
Lead	207-1	1550264	1584669	1591380	1575438	1.40	cps
Lead	208-1	7269699	7406694	7444226	7373540	1.25	cps
Lead	206-1	1870309	1899907	1909023	1893080	1.07	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	702925	700868	703386	702393	0.19	cps
Magnesium	24-2	748174	740216	743133	743841	0.54	cps
Manganese	55-2	128019	129885	127312	128405	1.04	cps
Molybdenum	94-1	435146	447355	444697	442400	1.45	cps
Molybdenum	95-1	754767	765887	759707	760120	0.73	cps
Molybdenum	96-1	810827	812816	821863	815169	0.72	cps
Molybdenum	97-1	463494	472924	480538	472319	1.81	cps
Molybdenum	98-1	1193903	1215334	1222779	1210672	1.24	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	318167	320465	313956	317529	1.04	cps
Phosphorus	31-2	14149	14099	14307	14185	0.77	cps
Potassium	39-2	929699	918312	919725	922578	0.67	cps
Rhodium	103-1	4029124	4044549	4058962	4044212	0.37	cps
Rhodium	103-2	2104558	2079028	2126425	2103337	1.13	cps
Scandium	45-1	2663659	2660967	2746258	2690295	1.80	cps
Scandium	45-2	126154	126606	125993	126251	0.25	cps
Selenium	77-2	5371	5394	5334	5367	0.56	cps
Selenium	78-2	18183	17953	17919	18018	0.79	cps
Selenium	82-1	134694	137462	137827	136661	1.25	cps
Silicon	28-1	5771268	6023614	5991545	5928809	2.32	cps
Silver	109-1	325384	330853	332781	329673	1.16	cps
Silver	107-1	340124	352885	353594	348868	2.17	cps
Sodium	23-2	14133113	14220337	13972638	14108696	0.89	cps
Strontium	86-1	406129	415233	412946	411436	1.15	cps
Strontium	88-1	3459935	3583578	3557799	3533771	1.85	cps
Sulfur	34-1	696216	700092	701090	699133	0.37	cps
Terbium	159-1	4315405	4362025	4368441	4348624	0.67	cps
Terbium	159-2	2172449	2165850	2138043	2158781	0.85	cps
Thallium	203-1	4407565	4483779	4491866	4461070	1.04	cps
Thallium	205-1	10256087	10481836	10502426	10413450	1.31	cps
Tin	118-1	1953970	1969710	1992540	1972073	0.98	cps
Titanium	47-1	109660	109374	113413	110816	2.03	cps
Uranium	238-1	625	583	608	606	3.46	cps
Vanadium	51-2	334736	336247	331636	334206	0.70	cps
Yttrium	89-1	8019908	8192306	8180048	8130754	1.18	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MS	Instrumnet Name :	P8
Client Sample ID :	WS-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:09:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1093799	1092394	1096170	1094121	0.17	cps
Zinc	66-2	57423	56438	56626	56829	0.92	cps
Zirconium	90-1	917	917	1092	975	10.36	cps
Zirconium	91-1	575	483	550	536	8.84	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55656	55544	55030	55410	0.60	cps
Antimony	121-1	3237695	3330117	3298920	3288910	1.43	cps
Arsenic	75-2	155300	156183	154072	155185	0.68	cps
Barium	135-1	240745	241203	246453	242800	1.31	cps
Barium	137-1	419015	420926	427393	422445	1.04	cps
Beryllium	9-1	144975	145614	147774	146121	1.00	cps
Bismuth	209-1	2292310	2244374	2289266	2275316	1.18	cps
Bismuth	209-2	1374829	1369928	1350983	1365247	0.92	cps
Boron	11-1	105118	120526	128711	118118	10.14	cps
Boron	10-1	21257	24573	25725	23852	9.73	cps
Bromine	81-1	29973	34257	37237	33822	10.80	cps
Cadmium	106-1	18513	19214	20090	19272	4.10	cps
Cadmium	108-1	12539	12723	12994	12752	1.79	cps
Cadmium	111-1	191047	190493	192982	191507	0.68	cps
Calcium	43-1	406699	404397	406747	405948	0.33	cps
Calcium	44-1	6684684	6597091	6565666	6615814	0.93	cps
Chromium	52-2	549011	553489	538364	546955	1.42	cps
Cobalt	59-2	464426	459562	464386	462791	0.60	cps
Copper	63-2	695633	697797	693392	695607	0.32	cps
Dysprosium	156-1	99536	102005	101946	101162	1.39	cps
Dysprosium	156-2	12202	12226	12499	12309	1.34	cps
Erbium	164-1	42	33	58	44	28.63	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-1	117	58	50	75	48.44	cps
Gadolinium	160-2	30	10	13	18	60.28	cps
Holmium	165-1	4087989	4090806	4161306	4113367	1.01	cps
Holmium	165-2	2149329	2121136	2102618	2124361	1.11	cps
Indium	115-1	4231485	4068493	4168320	4156100	1.98	cps
Indium	115-2	752046	750793	737432	746757	1.08	cps
Iron	54-2	199304	198358	200178	199280	0.46	cps
Iron	56-2	3368980	3350874	3321126	3346993	0.72	cps
Iron	57-2	83426	80666	82281	82124	1.69	cps
Krypton	83-1	437	383	420	413	6.60	cps
Lead	207-1	1573253	1561798	1581705	1572252	0.64	cps
Lead	208-1	7404184	7350174	7464944	7406434	0.78	cps
Lead	206-1	1890020	1893223	1923536	1902260	0.97	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	708900	700810	703379	704363	0.59	cps
Magnesium	24-2	729932	741124	729779	733612	0.89	cps
Manganese	55-2	130171	130486	130141	130266	0.15	cps
Molybdenum	94-1	436488	439138	443784	439803	0.84	cps
Molybdenum	95-1	752998	758698	766018	759238	0.86	cps
Molybdenum	96-1	809673	807520	826193	814462	1.25	cps
Molybdenum	97-1	466265	470539	475437	470747	0.97	cps
Molybdenum	98-1	1192904	1211278	1224149	1209444	1.30	cps
Neodymium	150-1	53	40	27	40	33.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	316918	317337	314735	316330	0.44	cps
Phosphorus	31-2	14383	14366	13982	14244	1.59	cps
Potassium	39-2	908639	906178	908612	907810	0.16	cps
Rhodium	103-1	4093706	4079521	4105674	4092967	0.32	cps
Rhodium	103-2	2138103	2099082	2085040	2107409	1.30	cps
Scandium	45-1	2748481	2657244	2676997	2694241	1.78	cps
Scandium	45-2	127127	125355	123674	125385	1.38	cps
Selenium	77-2	5301	5581	5284	5389	3.09	cps
Selenium	78-2	18010	18027	17859	17966	0.52	cps
Selenium	82-1	136249	138712	138341	137767	0.96	cps
Silicon	28-1	5775725	5819983	5952565	5849424	1.57	cps
Silver	109-1	324940	330430	335780	330383	1.64	cps
Silver	107-1	344678	344272	353717	347555	1.54	cps
Sodium	23-2	13862978	13939361	13848071	13883470	0.35	cps
Strontium	86-1	414506	413613	411694	413271	0.35	cps
Strontium	88-1	3524682	3579798	3561120	3555200	0.79	cps
Sulfur	34-1	682349	689418	686836	686201	0.52	cps
Terbium	159-1	4411652	4344601	4337837	4364697	0.93	cps
Terbium	159-2	2167220	2110508	2118210	2131979	1.44	cps
Thallium	203-1	4363959	4502086	4600891	4488979	2.65	cps
Thallium	205-1	10299936	10592959	10679174	10524023	1.89	cps
Tin	118-1	1961656	1985147	1970668	1972490	0.60	cps
Titanium	47-1	107091	109777	107880	108249	1.28	cps
Uranium	238-1	717	608	583	636	11.14	cps
Vanadium	51-2	333532	333807	332963	333434	0.13	cps
Yttrium	89-1	8358898	8214408	8188078	8253795	1.11	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02MSD	Instrumnet Name :	P8
Client Sample ID :	WS-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:12:12	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1088970	1094898	1079908	1087925	0.69	cps
Zinc	66-2	58299	57583	57389	57757	0.83	cps
Zirconium	90-1	767	1050	1050	956	17.12	cps
Zirconium	91-1	475	650	483	536	18.41	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55420	55889	55219	55509	0.62	cps
Antimony	121-1	3225162	3331471	3318024	3291552	1.76	cps
Arsenic	75-2	155257	156000	153695	154984	0.76	cps
Barium	135-1	237606	243746	246349	242567	1.85	cps
Barium	137-1	422904	421072	418223	420733	0.56	cps
Beryllium	9-1	143685	148196	146920	146267	1.59	cps
Bismuth	209-1	2250480	2275379	2241880	2255913	0.77	cps
Bismuth	209-2	1353783	1171547	1358374	1294568	8.23	cps
Boron	11-1	106963	121204	128495	118887	9.21	cps
Boron	10-1	22084	24732	26721	24512	9.49	cps
Bromine	81-1	29732	34096	36123	33317	9.80	cps
Cadmium	106-1	19489	19239	18930	19219	1.46	cps
Cadmium	108-1	12610	13111	13236	12985	2.55	cps
Cadmium	111-1	188427	192043	193630	191367	1.39	cps
Calcium	43-1	398801	402410	404799	402003	0.75	cps
Calcium	44-1	6603193	6643119	6597349	6614554	0.38	cps
Chromium	52-2	535969	539560	533398	536309	0.58	cps
Cobalt	59-2	461149	461759	460573	461160	0.13	cps
Copper	63-2	690867	695860	686226	690984	0.70	cps
Dysprosium	156-1	100184	103449	104649	102760	2.25	cps
Dysprosium	156-2	12242	12116	12056	12138	0.79	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	37	27	23	29	24.03	cps
Holmium	165-1	4047078	4034530	4001466	4027691	0.59	cps
Holmium	165-2	2104674	1816444	2113250	2011456	8.40	cps
Indium	115-1	4081387	4041766	4070515	4064556	0.50	cps
Indium	115-2	740543	634776	741099	705473	8.68	cps
Iron	54-2	195345	197956	195823	196375	0.71	cps
Iron	56-2	3281095	3342479	3305076	3309550	0.93	cps
Iron	57-2	80761	81124	80823	80902	0.24	cps
Krypton	83-1	420	340	340	367	12.60	cps
Lead	207-1	1551622	1595515	1598422	1581853	1.66	cps
Lead	208-1	7262634	7498637	7425436	7395569	1.63	cps
Lead	206-1	1870889	1917192	1907502	1898528	1.29	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	704239	703356	703529	703708	0.07	cps
Magnesium	24-2	745153	739187	727435	737258	1.22	cps
Manganese	55-2	127604	129511	127255	128124	0.95	cps
Molybdenum	94-1	431930	445655	438731	438772	1.56	cps
Molybdenum	95-1	745491	769541	758845	757959	1.59	cps
Molybdenum	96-1	796736	820080	829853	815556	2.09	cps
Molybdenum	97-1	467024	472833	481261	473706	1.51	cps
Molybdenum	98-1	1190481	1219047	1220397	1209975	1.40	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	311497	317278	318899	315891	1.23	cps
Phosphorus	31-2	14216	14441	13682	14113	2.76	cps
Potassium	39-2	918890	906138	890310	905113	1.58	cps
Rhodium	103-1	4074500	4044402	3977228	4032043	1.24	cps
Rhodium	103-2	2102343	1774899	2072292	1983178	9.13	cps
Scandium	45-1	2639353	2661342	2668788	2656494	0.58	cps
Scandium	45-2	124447	105730	122039	117405	8.67	cps
Selenium	77-2	5338	5221	5341	5300	1.29	cps
Selenium	78-2	17878	17920	17973	17924	0.27	cps
Selenium	82-1	134350	137569	137291	136404	1.31	cps
Silicon	28-1	5790758	5843729	5916162	5850216	1.08	cps
Silver	109-1	325019	331198	330798	329005	1.05	cps
Silver	107-1	342270	350515	352255	348346	1.53	cps
Sodium	23-2	13854107	13631929	13395004	13627014	1.68	cps
Strontium	86-1	408074	416664	413758	412832	1.06	cps
Strontium	88-1	3495867	3579260	3577916	3551014	1.35	cps
Sulfur	34-1	680887	681912	675891	679564	0.47	cps
Terbium	159-1	4304068	4426328	4413478	4381291	1.53	cps
Terbium	159-2	2099802	1847226	2112825	2019951	7.41	cps
Thallium	203-1	4451357	4486747	4508022	4482042	0.64	cps
Thallium	205-1	10441360	10449014	10473848	10454741	0.16	cps
Tin	118-1	1927103	1987715	1987390	1967403	1.77	cps
Titanium	47-1	108761	108954	110575	109430	0.91	cps
Uranium	238-1	667	600	817	694	15.98	cps
Vanadium	51-2	331679	335862	327867	331803	1.21	cps
Yttrium	89-1	7990771	8018426	8102652	8037283	0.73	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	L3707-02A	Instrumnet Name :	P8
Client Sample ID :	WS-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:15:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1077999	922610	1082684	1027764	8.86	cps
Zinc	66-2	56693	56632	55923	56416	0.76	cps
Zirconium	90-1	892	783	908	861	7.88	cps
Zirconium	91-1	492	517	592	533	9.76	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264658	267719	264248	265542	0.71	cps
Antimony	121-1	1991358	2073554	2044679	2036530	2.05	cps
Arsenic	75-2	96142	95637	95775	95851	0.27	cps
Barium	135-1	1927820	2010484	1999492	1979265	2.27	cps
Barium	137-1	3366524	3458964	3422829	3416106	1.36	cps
Beryllium	9-1	346566	354319	359240	353375	1.81	cps
Bismuth	209-1	2145288	2219912	2190301	2185167	1.72	cps
Bismuth	209-2	1322185	1308286	1292326	1307599	1.14	cps
Boron	11-1	141486	157374	170100	156320	9.17	cps
Boron	10-1	28941	32553	35389	32294	10.01	cps
Bromine	81-1	8541	8001	7259	7934	8.11	cps
Cadmium	106-1	49899	48226	48979	49035	1.71	cps
Cadmium	108-1	32588	34326	34238	33718	2.90	cps
Cadmium	111-1	457682	464790	466866	463113	1.04	cps
Calcium	43-1	463639	475946	481165	473583	1.90	cps
Calcium	44-1	7649660	7878498	7898622	7808926	1.77	cps
Chromium	52-2	662414	660354	661186	661318	0.16	cps
Cobalt	59-2	1114546	1115613	1108373	1112844	0.35	cps
Copper	63-2	7998486	8133043	8113558	8081696	0.90	cps
Dysprosium	156-1	42	83	117	81	46.64	cps
Dysprosium	156-2	30	37	33	33	10.01	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-1	58	50	58	56	8.66	cps
Gadolinium	160-2	43	37	60	47	25.75	cps
Holmium	165-1	3817359	3907996	3975886	3900414	2.04	cps
Holmium	165-2	2042006	2027340	2003225	2024190	0.97	cps
Indium	115-1	3908058	3872940	3922960	3901319	0.66	cps
Indium	115-2	728787	719322	718350	722153	0.80	cps
Iron	54-2	1417652	1405100	1437394	1420049	1.15	cps
Iron	56-2	25084376	25010375	24938941	25011230	0.29	cps
Iron	57-2	619799	622409	621046	621085	0.21	cps
Krypton	83-1	340	327	330	332	2.09	cps
Lead	207-1	4130689	4200413	4259806	4196969	1.54	cps
Lead	208-1	18192687	18891473	18877510	18653890	2.14	cps
Lead	206-1	4581900	4746209	4725349	4684486	1.91	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	654585	662069	660438	659030	0.60	cps
Magnesium	24-2	3999361	3983270	3902426	3961686	1.31	cps
Manganese	55-2	3140502	3191005	3184706	3172071	0.87	cps
Molybdenum	94-1	3706759	3872339	3956064	3845054	3.30	cps
Molybdenum	95-1	4672046	4748548	4898449	4773014	2.41	cps
Molybdenum	96-1	5133284	5341406	5394825	5289838	2.61	cps
Molybdenum	97-1	2842536	2902621	2924991	2890050	1.48	cps
Molybdenum	98-1	7282398	7493896	7536283	7437526	1.83	cps
Neodymium	150-1	67	33	87	62	43.31	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	305080	304768	302994	304281	0.37	cps
Phosphorus	31-2	22126	21992	22176	22098	0.43	cps
Potassium	39-2	1905290	1876950	1854571	1878937	1.35	cps
Rhodium	103-1	3714678	3891516	3874657	3826950	2.55	cps
Rhodium	103-2	2047326	1986727	1989715	2007922	1.70	cps
Scandium	45-1	2525819	2580818	2578073	2561570	1.21	cps
Scandium	45-2	123858	122221	119209	121763	1.94	cps
Selenium	77-2	1303	1213	1270	1262	3.61	cps
Selenium	78-2	4289	4302	4410	4334	1.53	cps
Selenium	82-1	32251	33131	33530	32971	1.99	cps
Silicon	28-1	1764020	1858548	1934455	1852341	4.61	cps
Silver	109-1	2107389	2214100	2192727	2171405	2.60	cps
Silver	107-1	2263244	2314578	2301956	2293259	1.17	cps
Sodium	23-2	7935627	7917770	7876612	7910003	0.38	cps
Strontium	86-1	585269	601772	608125	598389	1.97	cps
Strontium	88-1	5125400	5184612	5180326	5163446	0.64	cps
Sulfur	34-1	650698	648558	656523	651926	0.63	cps
Terbium	159-1	4071284	4232774	4210099	4171386	2.10	cps
Terbium	159-2	2071607	2078898	2008501	2053002	1.89	cps
Thallium	203-1	1075026	1115832	1097248	1096035	1.86	cps
Thallium	205-1	2559875	2651372	2628632	2613293	1.82	cps
Tin	118-1	1367407	1371938	1364124	1367823	0.29	cps
Titanium	47-1	1277022	1331040	1346214	1318092	2.76	cps
Uranium	238-1	2962357	3108706	3058301	3043121	2.44	cps
Vanadium	51-2	533055	534815	535177	534349	0.21	cps
Yttrium	89-1	7676833	7804443	7864044	7781773	1.23	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BS	Instrumnet Name :	P8
Client Sample ID :	PB131004BS	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:17:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1056452	1045250	1042201	1047968	0.72	cps
Zinc	66-2	1195670	1203278	1199877	1199608	0.32	cps
Zirconium	90-1	3115183	3198306	3225045	3179511	1.80	cps
Zirconium	91-1	687699	719721	725383	710934	2.86	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408813	1420535	1415535	1414961	0.42	cps
Antimony	121-1	1947955	2022699	2000694	1990449	1.93	cps
Arsenic	75-2	95090	95051	95362	95168	0.18	cps
Barium	135-1	1928655	1985647	1995394	1969899	1.83	cps
Barium	137-1	3316411	3363504	3419928	3366615	1.54	cps
Beryllium	9-1	353568	363089	367887	361515	2.02	cps
Bismuth	209-1	2135251	2135152	2163475	2144626	0.76	cps
Bismuth	209-2	1284319	1278435	1285040	1282598	0.28	cps
Boron	11-1	163916	176523	189855	176765	7.34	cps
Boron	10-1	34072	36806	38857	36579	6.56	cps
Bromine	81-1	5066	5357	5367	5263	3.24	cps
Cadmium	106-1	47591	47591	49189	48124	1.92	cps
Cadmium	108-1	31549	32263	32843	32218	2.01	cps
Cadmium	111-1	439704	455056	460429	451729	2.38	cps
Calcium	43-1	2203171	2245757	2279316	2242748	1.70	cps
Calcium	44-1	35425948	37138196	37260271	36608138	2.80	cps
Chromium	52-2	657995	661838	667701	662511	0.74	cps
Cobalt	59-2	1104914	1090500	1101431	1098948	0.68	cps
Copper	63-2	7890647	7873513	7887013	7883724	0.11	cps
Dysprosium	156-1	133	117	183	144	24.02	cps
Dysprosium	156-2	57	117	70	81	38.84	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	27	17	13	19	36.75	cps
Gadolinium	160-1	167	108	192	156	27.49	cps
Gadolinium	160-2	70	83	70	74	10.34	cps
Holmium	165-1	3889692	3931363	3929652	3916902	0.60	cps
Holmium	165-2	2056278	1992958	2033912	2027716	1.58	cps
Indium	115-1	3860551	3884486	4036019	3927019	2.42	cps
Indium	115-2	721617	714203	720754	718858	0.56	cps
Iron	54-2	6744701	6692232	6778703	6738545	0.65	cps
Iron	56-2	121500986	122718375	124544003	122921121	1.25	cps
Iron	57-2	3046137	3080413	3084050	3070200	0.68	cps
Krypton	83-1	367	330	367	354	5.97	cps
Lead	207-1	4027276	4112584	4192411	4110757	2.01	cps
Lead	208-1	17753887	18350443	18446682	18183671	2.06	cps
Lead	206-1	4425623	4601238	4558509	4528457	2.02	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	678985	674302	682377	678554	0.60	cps
Magnesium	24-2	19185337	19138267	19376486	19233363	0.66	cps
Manganese	55-2	3168569	3164547	3233934	3189017	1.22	cps
Molybdenum	94-1	3729614	3872860	3887576	3830017	2.28	cps
Molybdenum	95-1	4546574	4730811	4779858	4685748	2.62	cps
Molybdenum	96-1	5025070	5306571	5265979	5199206	2.93	cps
Molybdenum	97-1	2824256	2891474	2930465	2882065	1.86	cps
Molybdenum	98-1	7254015	7344751	7469143	7355969	1.47	cps
Neodymium	150-1	67	73	67	69	5.59	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	298861	298338	299241	298813	0.15	cps
Phosphorus	31-2	22159	22067	22251	22159	0.41	cps
Potassium	39-2	9028660	9112281	9232323	9124421	1.12	cps
Rhodium	103-1	3794961	3792792	3861124	3816292	1.02	cps
Rhodium	103-2	2008879	1957176	1989398	1985151	1.32	cps
Scandium	45-1	2517154	2610012	2606436	2577868	2.04	cps
Scandium	45-2	121811	122180	124632	122874	1.25	cps
Selenium	77-2	1397	1210	1247	1285	7.70	cps
Selenium	78-2	4339	4437	4273	4350	1.90	cps
Selenium	82-1	31500	32595	32402	32166	1.82	cps
Silicon	28-1	1826669	1908389	1982283	1905780	4.08	cps
Silver	109-1	2069354	2072281	2098350	2079995	0.77	cps
Silver	107-1	2150052	2231012	2246983	2209349	2.35	cps
Sodium	23-2	38341278	38415552	38449797	38402209	0.14	cps
Strontium	86-1	576910	601623	602721	593751	2.46	cps
Strontium	88-1	5012907	5120656	5144805	5092789	1.38	cps
Sulfur	34-1	656607	660350	667919	661625	0.87	cps
Terbium	159-1	4244129	4180729	4240008	4221622	0.84	cps
Terbium	159-2	2071431	2045558	2035318	2050769	0.91	cps
Thallium	203-1	1042487	1074258	1076833	1064526	1.80	cps
Thallium	205-1	2421379	2543992	2563248	2509540	3.07	cps
Tin	118-1	1312957	1344430	1365123	1340837	1.96	cps
Titanium	47-1	1274173	1313549	1321331	1303017	1.94	cps
Uranium	238-1	2985564	3049284	3059904	3031584	1.33	cps
Vanadium	51-2	544364	540872	542999	542745	0.32	cps
Yttrium	89-1	7885404	7817206	7873241	7858617	0.46	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:20:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1065089	1056033	1051418	1057513	0.66	cps
Zinc	66-2	1165966	1173872	1175531	1171790	0.44	cps
Zirconium	90-1	3105017	3200756	3185705	3163826	1.63	cps
Zirconium	91-1	690377	712914	717888	707060	2.07	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834	864	772	823	5.70	cps
Antimony	121-1	667	208	167	347	79.92	cps
Arsenic	75-2	26	14	19	20	30.65	cps
Barium	135-1	267	17	17	100	144.34	cps
Barium	137-1	367	17	8	131	156.66	cps
Beryllium	9-1	78	86	118	94	22.52	cps
Bismuth	209-1	2183646	2060091	2174681	2139473	3.22	cps
Bismuth	209-2	1309864	1311541	1309885	1310430	0.07	cps
Boron	11-1	7612	7572	7278	7488	2.44	cps
Boron	10-1	1574	1522	1512	1536	2.17	cps
Bromine	81-1	4626	4786	3935	4449	10.17	cps
Cadmium	106-1	1892	1750	1667	1770	6.43	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Cadmium	111-1	1402	1218	1171	1263	9.66	cps
Calcium	43-1	475	467	408	450	8.07	cps
Calcium	44-1	91852	90191	91365	91136	0.94	cps
Chromium	52-2	1623	1647	1560	1610	2.79	cps
Cobalt	59-2	33	37	20	30	29.40	cps
Copper	63-2	987	1097	1047	1043	5.28	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	58	8	33	33	75.02	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	3830391	3608917	3800888	3746732	3.21	cps
Holmium	165-2	2006452	1992721	1997231	1998801	0.35	cps
Indium	115-1	3914325	3702557	3895428	3837436	3.05	cps
Indium	115-2	718036	724363	728638	723679	0.74	cps
Iron	54-2	533	583	483	533	9.37	cps
Iron	56-2	4023	4090	3695	3936	5.37	cps
Iron	57-2	194	211	167	191	11.77	cps
Krypton	83-1	380	343	417	380	9.65	cps
Lead	207-1	1306	972	717	998	29.60	cps
Lead	208-1	5153	3960	4009	4374	15.44	cps
Lead	206-1	1395	1056	1067	1172	16.43	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	671272	638412	674983	661555	3.04	cps
Magnesium	24-2	358	492	475	442	16.45	cps
Manganese	55-2	410	430	340	393	12.01	cps
Molybdenum	94-1	1711	242	233	729	116.74	cps
Molybdenum	95-1	1753	125	100	659	143.66	cps
Molybdenum	96-1	1644	217	242	701	116.56	cps
Molybdenum	97-1	993	58	25	359	153.15	cps
Molybdenum	98-1	2355	142	158	885	143.85	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	113	63	70	82	33.02	cps
Phosphorus	31-2	225	183	242	217	13.87	cps
Potassium	39-2	40156	41017	40541	40572	1.06	cps
Rhodium	103-1	3907086	3703477	3825744	3812102	2.69	cps
Rhodium	103-2	2010881	2026802	2049401	2029028	0.95	cps
Scandium	45-1	2534483	2409191	2495072	2479582	2.58	cps
Scandium	45-2	119048	117883	118228	118387	0.51	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	49	61	59	56	11.41	cps
Selenium	82-1	-1	21	-70	-17	-284.37	cps
Silicon	28-1	688574	686907	683219	686233	0.40	cps
Silver	109-1	142	58	75	92	48.11	cps
Silver	107-1	200	50	50	100	86.61	cps
Sodium	23-2	86480	85340	83966	85262	1.48	cps
Strontium	86-1	2052	683	575	1104	74.61	cps
Strontium	88-1	8696	58	108	2954	168.32	cps
Sulfur	34-1	508998	506547	508356	507967	0.25	cps
Terbium	159-1	4153029	3897188	4061912	4037376	3.21	cps
Terbium	159-2	2007639	2030703	2026224	2021522	0.60	cps
Thallium	203-1	392	183	150	242	54.21	cps
Thallium	205-1	825	417	467	570	39.13	cps
Tin	118-1	975	750	867	864	13.03	cps
Titanium	47-1	817	825	800	814	1.56	cps
Uranium	238-1	83	8	0	31	150.22	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	7685052	7240318	7620987	7515452	3.20	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:27:58	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1018051	1029764	1049266	1032360	1.53	cps
Zinc	66-2	333	383	293	337	13.39	cps
Zirconium	90-1	1076	292	258	542	85.37	cps
Zirconium	91-1	400	50	83	178	108.67	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	824	730	771	6.26	cps
Antimony	121-1	67	108	183	119	49.50	cps
Arsenic	75-2	13	24	15	17	33.80	cps
Barium	135-1	8	25	0	11	114.58	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	92	70	78	80	13.91	cps
Bismuth	209-1	2060013	1991161	2081607	2044260	2.31	cps
Bismuth	209-2	1311951	1289201	1297323	1299492	0.89	cps
Boron	11-1	5796	5712	5656	5721	1.23	cps
Boron	10-1	1176	1236	1114	1175	5.19	cps
Bromine	81-1	3804	3584	3945	3778	4.81	cps
Cadmium	106-1	1984	1467	1967	1806	16.26	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Cadmium	111-1	1409	1035	1396	1280	16.58	cps
Calcium	43-1	458	533	408	467	13.48	cps
Calcium	44-1	90502	90914	90611	90676	0.24	cps
Chromium	52-2	1690	1630	1587	1636	3.17	cps
Cobalt	59-2	33	47	63	48	31.46	cps
Copper	63-2	977	933	843	918	7.41	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	3536879	3453934	3700106	3563640	3.51	cps
Holmium	165-2	2027376	2023037	1997824	2016079	0.79	cps
Indium	115-1	3641744	3578767	3760666	3660392	2.52	cps
Indium	115-2	722087	710897	716908	716631	0.78	cps
Iron	54-2	578	589	583	583	0.95	cps
Iron	56-2	3906	3673	3601	3726	4.29	cps
Iron	57-2	194	183	189	189	2.94	cps
Krypton	83-1	420	393	407	407	3.28	cps
Lead	207-1	811	828	800	813	1.72	cps
Lead	208-1	3563	3739	3647	3650	2.40	cps
Lead	206-1	806	933	995	911	10.58	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	634158	631257	644696	636704	1.11	cps
Magnesium	24-2	433	417	525	458	12.73	cps
Manganese	55-2	437	377	383	399	8.24	cps
Molybdenum	94-1	192	217	208	206	6.19	cps
Molybdenum	95-1	83	100	83	89	10.82	cps
Molybdenum	96-1	225	158	208	197	17.59	cps
Molybdenum	97-1	58	67	50	58	14.29	cps
Molybdenum	98-1	133	83	100	106	24.12	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	97	103	97	99	3.89	cps
Phosphorus	31-2	242	250	208	233	9.45	cps
Potassium	39-2	38795	39095	39446	39112	0.83	cps
Rhodium	103-1	3573988	3571526	3733347	3626287	2.56	cps
Rhodium	103-2	2040537	1973461	2014203	2009400	1.68	cps
Scandium	45-1	2381538	2353937	2420012	2385162	1.39	cps
Scandium	45-2	118749	118373	119770	118964	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	58	65	54	59	9.44	cps
Selenium	82-1	-68	-19	-46	-45	-54.99	cps
Silicon	28-1	686985	684655	686948	686196	0.19	cps
Silver	109-1	58	50	42	50	16.66	cps
Silver	107-1	83	33	33	50	57.75	cps
Sodium	23-2	82852	83606	84838	83765	1.20	cps
Strontium	86-1	617	675	692	661	5.96	cps
Strontium	88-1	92	117	125	111	15.61	cps
Sulfur	34-1	507682	510305	513219	510402	0.54	cps
Terbium	159-1	3827390	3692401	3944051	3821280	3.30	cps
Terbium	159-2	2044163	1974361	1983224	2000583	1.90	cps
Thallium	203-1	183	100	158	147	29.05	cps
Thallium	205-1	233	267	250	250	6.67	cps
Tin	118-1	767	708	842	772	8.66	cps
Titanium	47-1	658	658	633	650	2.22	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	7207457	7031431	7310867	7183251	1.97	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	PB131004BL	Instrumnet Name :	P8
Client Sample ID :	PB131004BL	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:30:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1028717	1006013	1021024	1018585	1.13	cps
Zinc	66-2	363	327	370	353	6.60	cps
Zirconium	90-1	250	317	300	289	12.01	cps
Zirconium	91-1	67	100	42	69	42.14	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1399122	1419462	1409113	1409233	0.72	cps
Antimony	121-1	1933660	1965591	1979872	1959708	1.21	cps
Arsenic	75-2	95549	95461	95652	95554	0.10	cps
Barium	135-1	1908683	1972211	1944339	1941744	1.64	cps
Barium	137-1	3292881	3356379	3363657	3337639	1.17	cps
Beryllium	9-1	355446	370744	372948	366380	2.60	cps
Bismuth	209-1	2143338	2138178	2042910	2108142	2.68	cps
Bismuth	209-2	1300518	1277741	1275807	1284689	1.07	cps
Boron	11-1	147009	166795	176422	163409	9.18	cps
Boron	10-1	30317	34261	36690	33756	9.53	cps
Bromine	81-1	3925	3654	3584	3721	4.83	cps
Cadmium	106-1	46044	48134	47215	47131	2.22	cps
Cadmium	108-1	31716	32446	31590	31918	1.45	cps
Cadmium	111-1	441354	452123	448197	447225	1.22	cps
Calcium	43-1	2240357	2264149	2310644	2271717	1.57	cps
Calcium	44-1	36239500	37179541	37645936	37021659	1.94	cps
Chromium	52-2	664020	658508	659317	660615	0.45	cps
Cobalt	59-2	1102841	1085839	1094954	1094545	0.78	cps
Copper	63-2	7776291	7791125	7822360	7796592	0.30	cps
Dysprosium	156-1	142	67	75	94	43.53	cps
Dysprosium	156-2	53	83	43	60	34.70	cps
Erbium	164-1	33	17	75	42	72.11	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	175	167	92	144	31.77	cps
Gadolinium	160-2	83	70	73	76	9.18	cps
Holmium	165-1	3973103	4004059	3906958	3961373	1.25	cps
Holmium	165-2	2080115	2051523	2063118	2064919	0.70	cps
Indium	115-1	3955769	4056273	3757715	3923252	3.87	cps
Indium	115-2	728247	719427	725058	724244	0.62	cps
Iron	54-2	6791133	6699937	6768141	6753070	0.70	cps
Iron	56-2	121550480	121125480	122324422	121666794	0.50	cps
Iron	57-2	3094682	3032070	3085200	3070651	1.10	cps
Krypton	83-1	360	277	427	354	21.20	cps
Lead	207-1	4022292	4038964	4057068	4039441	0.43	cps
Lead	208-1	17793463	17915176	17950008	17886215	0.46	cps
Lead	206-1	4420484	4469779	4501430	4463898	0.91	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	683047	692830	676728	684202	1.19	cps
Magnesium	24-2	19027209	19405690	19215271	19216057	0.98	cps
Manganese	55-2	3154331	3146802	3166869	3156001	0.32	cps
Molybdenum	94-1	3655776	3862038	3742107	3753307	2.76	cps
Molybdenum	95-1	4581082	4684962	4726552	4664199	1.61	cps
Molybdenum	96-1	5058420	5215344	5270280	5181348	2.12	cps
Molybdenum	97-1	2784989	2890321	2896333	2857214	2.19	cps
Molybdenum	98-1	7159805	7413143	7521028	7364659	2.52	cps
Neodymium	150-1	87	60	93	80	22.05	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	297514	298608	296244	297456	0.40	cps
Phosphorus	31-2	21667	22351	22326	22115	1.75	cps
Potassium	39-2	9188760	9278275	8965651	9144229	1.76	cps
Rhodium	103-1	3805118	3945972	3750646	3833912	2.63	cps
Rhodium	103-2	2024025	1977636	1964880	1988847	1.56	cps
Scandium	45-1	2625171	2694151	2578073	2632465	2.22	cps
Scandium	45-2	126017	121703	123294	123671	1.76	cps
Selenium	77-2	1347	1333	1400	1360	2.59	cps
Selenium	78-2	4479	4547	4418	4482	1.44	cps
Selenium	82-1	31371	32580	32239	32063	1.94	cps
Silicon	28-1	1786048	1866384	1931907	1861446	3.92	cps
Silver	109-1	2045682	2085144	2066958	2065928	0.96	cps
Silver	107-1	2176593	2229992	2175797	2194127	1.42	cps
Sodium	23-2	38296943	38608075	38405587	38436868	0.41	cps
Strontium	86-1	586794	600507	588723	592008	1.25	cps
Strontium	88-1	4969921	5020261	5095446	5028543	1.26	cps
Sulfur	34-1	683633	669100	675462	676065	1.08	cps
Terbium	159-1	4160750	4343836	4125242	4209943	2.79	cps
Terbium	159-2	2099400	2051074	2068817	2073097	1.18	cps
Thallium	203-1	1049002	1046749	1067306	1054352	1.07	cps
Thallium	205-1	2459779	2503016	2542917	2501904	1.66	cps
Tin	118-1	1317210	1335930	1324857	1325999	0.71	cps
Titanium	47-1	1272684	1296028	1339661	1302791	2.61	cps
Uranium	238-1	2938311	3013016	2977604	2976310	1.26	cps
Vanadium	51-2	543800	544676	536329	541602	0.85	cps
Yttrium	89-1	7773538	8048936	7712849	7845108	2.28	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:33:39	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1070261	1047016	1057458	1058245	1.10	cps
Zinc	66-2	1171333	1161941	1168920	1167398	0.42	cps
Zirconium	90-1	3062908	3172785	3190803	3142165	2.20	cps
Zirconium	91-1	688281	704262	714173	702239	1.86	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:41:58	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	772	742	755	2.06	cps
Antimony	121-1	158	133	142	144	8.81	cps
Arsenic	75-2	13	13	14	13	4.33	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	42	8	17	22	78.07	cps
Beryllium	9-1	76	76	74	75	1.53	cps
Bismuth	209-1	2139591	2130156	2183479	2151075	1.32	cps
Bismuth	209-2	1320222	1303666	1302788	1308892	0.75	cps
Boron	11-1	4652	4686	4552	4630	1.50	cps
Boron	10-1	968	972	864	935	6.55	cps
Bromine	81-1	3184	3164	3073	3140	1.87	cps
Cadmium	106-1	2017	1967	1850	1945	4.40	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Cadmium	111-1	1435	1383	1312	1377	4.50	cps
Calcium	43-1	383	467	492	447	12.68	cps
Calcium	44-1	89403	88715	90770	89629	1.17	cps
Chromium	52-2	1480	1527	1467	1491	2.11	cps
Cobalt	59-2	33	40	43	39	13.09	cps
Copper	63-2	893	997	947	946	5.47	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	3773908	3750489	3856991	3793796	1.48	cps
Holmium	165-2	2050346	2031033	1983779	2021720	1.69	cps
Indium	115-1	3913337	3814848	3884734	3870973	1.31	cps
Indium	115-2	731820	720297	724078	725398	0.81	cps
Iron	54-2	633	533	522	563	10.87	cps
Iron	56-2	3773	3701	3745	3739	0.97	cps
Iron	57-2	217	172	161	183	16.04	cps
Krypton	83-1	417	363	373	384	7.38	cps
Lead	207-1	772	867	767	802	7.01	cps
Lead	208-1	3948	3853	3993	3931	1.81	cps
Lead	206-1	1022	861	1156	1013	14.56	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:41:58	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	674185	669277	679344	674269	0.75	cps
Magnesium	24-2	450	367	500	439	15.35	cps
Manganese	55-2	443	407	353	401	11.28	cps
Molybdenum	94-1	225	267	225	239	10.07	cps
Molybdenum	95-1	183	50	100	111	60.62	cps
Molybdenum	96-1	175	175	167	172	2.80	cps
Molybdenum	97-1	33	42	67	47	36.74	cps
Molybdenum	98-1	133	108	50	97	43.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	70	67	71	7.16	cps
Phosphorus	31-2	233	175	200	203	14.43	cps
Potassium	39-2	39062	40374	39781	39739	1.65	cps
Rhodium	103-1	3821129	3850168	3832200	3834499	0.38	cps
Rhodium	103-2	2042078	2045005	2010632	2032571	0.94	cps
Scandium	45-1	2526288	2511731	2558709	2532242	0.95	cps
Scandium	45-2	121950	121189	118162	120434	1.66	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	64	45	59	56	17.60	cps
Selenium	82-1	-55	23	-46	-26	-164.35	cps
Silicon	28-1	685254	688981	684896	686377	0.33	cps
Silver	109-1	58	58	75	64	15.06	cps
Silver	107-1	75	83	50	69	24.98	cps
Sodium	23-2	83128	81678	82776	82527	0.92	cps
Strontium	86-1	608	608	458	558	15.51	cps
Strontium	88-1	50	100	50	67	43.30	cps
Sulfur	34-1	508618	512307	507306	509410	0.51	cps
Terbium	159-1	4001190	3981506	4091560	4024752	1.46	cps
Terbium	159-2	2078270	1984428	2029017	2030571	2.31	cps
Thallium	203-1	92	83	108	94	13.48	cps
Thallium	205-1	233	200	175	203	14.43	cps
Tin	118-1	675	575	767	672	14.26	cps
Titanium	47-1	767	667	783	739	8.54	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	17	20	20	19	10.18	cps
Yttrium	89-1	7508127	7514059	7616648	7546278	0.81	cps

LB Number :	LB110591	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-08-18 17:41:58	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1041782	1023735	1036999	1034172	0.90	cps
Zinc	66-2	380	317	267	321	17.69	cps
Zirconium	90-1	408	267	192	289	38.09	cps
Zirconium	91-1	25	100	83	69	56.71	cps