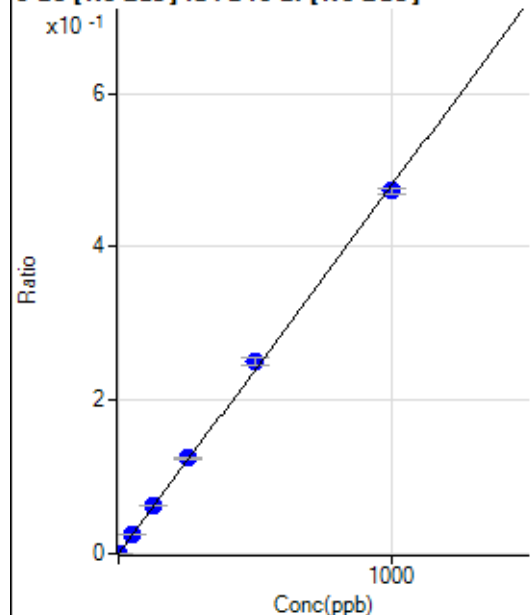


Batch Folder: D:\Agilent\ICPMH\1\DATA\6020 P8121620M.b\
Analysis File: 6020 P8121620M.batch.bin
DA Date-Time: 2020-12-17 09:53:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2020-12-16 13:03:01
2	004CALS.d	S02	2020-12-16 13:09:35
3	005CALS.d	S03	2020-12-16 13:12:44
4	006CALS.d	S04	2020-12-16 13:15:54
5	007CALS.d	S05	2020-12-16 13:18:59
6	008CALS.d	S06	2020-12-16 13:22:00
7	009CALS.d	S07	2020-12-16 13:24:59
8	010CALS.d	S08	2020-12-16 13:27:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26.66	0.0000	P	11.7
2	☐	1.000	1.052	907.19	0.0005	P	8.5
3	☐	50.000	53.145	44838.12	0.0255	P	1.4
4	☐	125.000	128.375	107776.70	0.0616	P	0.5
5	☐	250.000	259.691	206859.19	0.1245	P	1.8
6	☐	500.000	521.983	395815.01	0.2503	P	4.0
7	☐	1000.000	986.007	781659.31	0.4728	P	1.7
8	☐			611.23	0.0004	P	22.6

$$y = 4.7950\text{E-}004 * x + 1.5014\text{E-}005$$

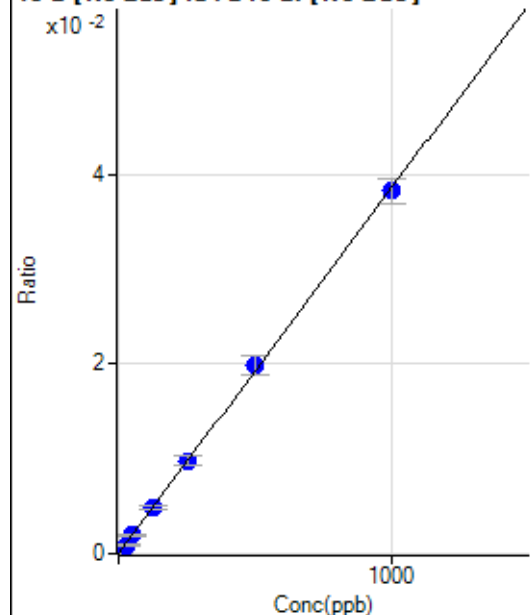
$$R = 0.9996$$

$$DL = 0.01097$$

$$BEC = 0.03131$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	43.32	0.0000	P	9.6
2	☐	25.000	21.799	1507.78	0.0009	P	13.9
3	☐	50.000	49.402	3391.06	0.0019	P	8.1
4	☐	125.000	124.412	8435.43	0.0048	P	6.6
5	☐	250.000	253.360	16251.12	0.0098	P	9.3
6	☐	500.000	514.540	31355.79	0.0199	P	10.6
7	☐	1000.000	992.074	63297.59	0.0383	P	6.6
8	☐			9826.02	0.0057	P	8.1

$$y = 3.8547\text{E-}005 * x + 2.4390\text{E-}005$$

$$R = 0.9998$$

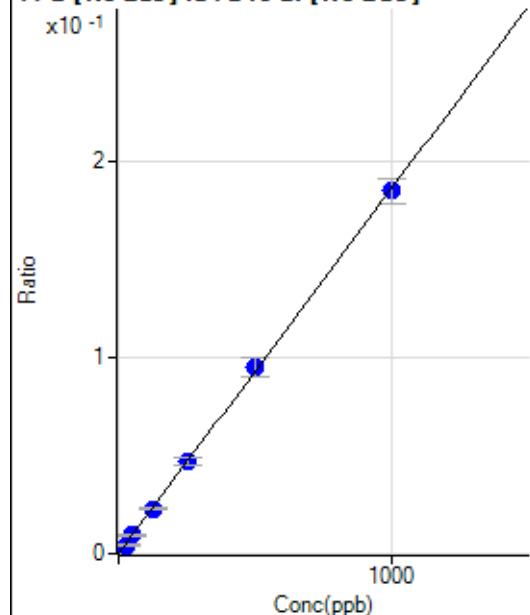
$$DL = 0.1814$$

$$BEC = 0.6327$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.64	0.0001	P	16.1
2	☐	25.000	22.147	7305.72	0.0042	P	12.6
3	☐	50.000	50.189	16518.70	0.0094	P	8.6
4	☐	125.000	122.535	39952.79	0.0228	P	6.8
5	☐	250.000	251.264	77572.52	0.0467	P	8.9
6	☐	500.000	512.111	150263.88	0.0952	P	10.7
7	☐	1000.000	993.999	305439.84	0.1846	P	6.9
8	☐			45921.01	0.0267	P	10.3

$$y = 1.8569E-004 * x + 7.6933E-005$$

$$R = 0.9999$$

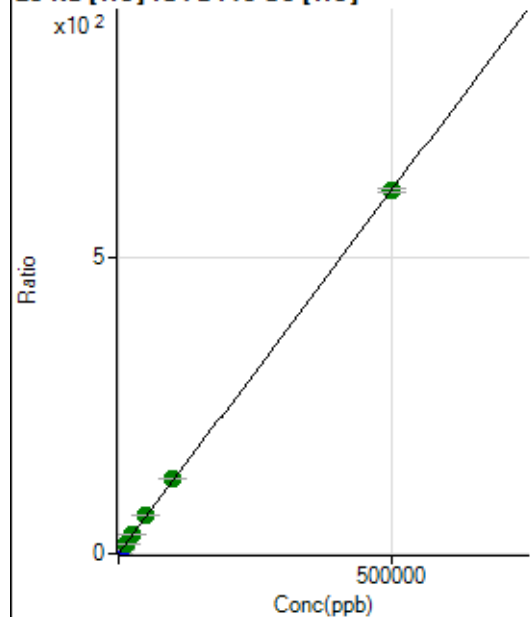
$$DL = 0.2006$$

$$BEC = 0.4143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32754.16	0.3214	P	2.0
2	☐	500.000	523.274	97091.67	0.9633	P	1.8
3	☐	5000.000	5442.505	687128.76	6.9978	P	5.2
4	☐	12500.000	13151.147	1630137.06	16.4540	A	2.2
5	☐	25000.000	26131.759	3100608.66	32.3775	A	1.4
6	☐	50000.000	51912.169	5806526.34	64.0026	A	0.3
7	☐	100000.00	102998.95	11904427.00	126.6712	A	0.5
8	☐	500000.00	499131.67	55742156.80	612.6111	A	1.1

$$y = 0.0012 * x + 0.3214$$

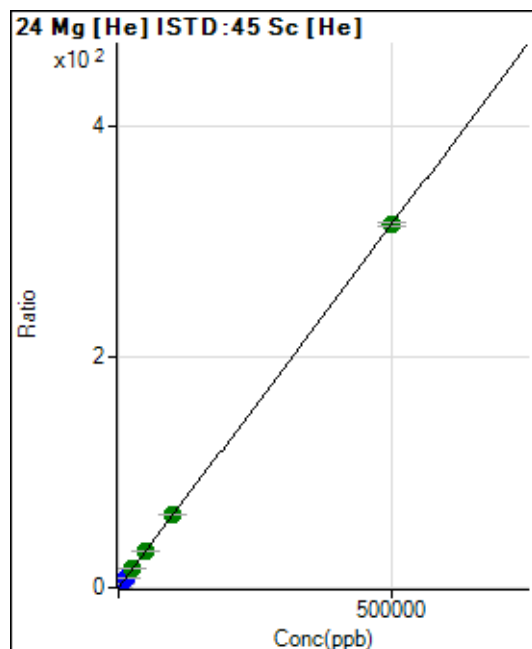
$$R = 1.0000$$

$$DL = 15.51$$

$$BEC = 262$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	650.03	0.0064	P	18.7
2	☐	500.000	516.387	33358.29	0.3310	P	2.3
3	☐	5000.000	5483.881	339012.58	3.4533	P	5.8
4	☐	12500.000	13161.536	820173.19	8.2790	P	2.1
5	☐	25000.000	26135.469	1573804.97	16.4338	A	1.4
6	☐	50000.000	51257.664	2923333.64	32.2243	A	1.1
7	☐	100000.00	100846.32	5957770.79	63.3931	A	0.9
8	☐	500000.00	499626.80	28575611.06	314.0458	A	1.1

$$y = 6.2855\text{E-}004 * x + 0.0064$$

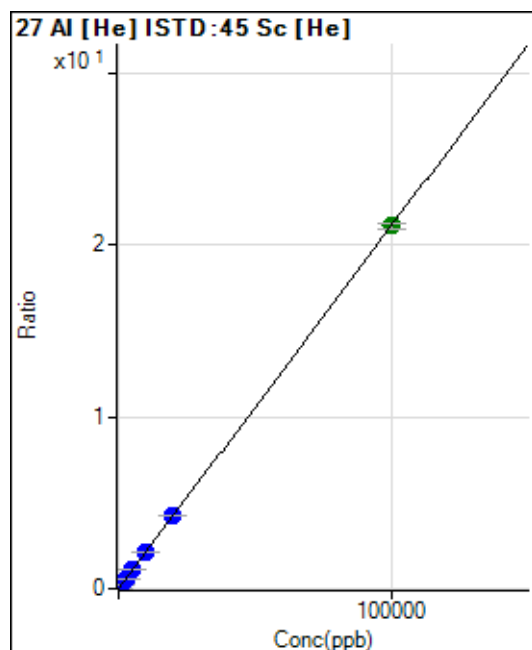
$$R = 1.0000$$

$$DL = 5.713$$

$$BEC = 10.16$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	420.37	0.0041	P	3.2
2	☐	20.000	19.575	832.42	0.0083	P	5.2
3	☐	1000.000	1049.820	22184.04	0.2259	P	4.5
4	☐	2500.000	2530.946	53376.93	0.5387	P	1.4
5	☐	5000.000	5096.247	103483.82	1.0806	P	1.5
6	☐	10000.000	10165.844	195172.77	2.1515	P	1.5
7	☐	20000.000	20164.773	400678.86	4.2636	P	0.7
8	☐	100000.00	99944.377	1921383.87	21.1155	A	1.4

$$y = 2.1123\text{E-}004 * x + 0.0041$$

$$R = 1.0000$$

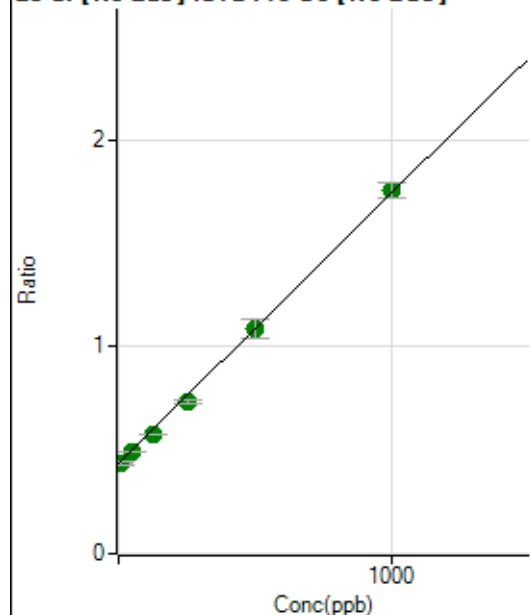
$$DL = 1.879$$

$$BEC = 19.53$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1125301.18	0.4394	A	1.9
2	☐	10.000	0.255	1125843.07	0.4398	A	4.8
3	☐	50.000	39.644	1231717.21	0.4911	A	0.7
4	☐	125.000	105.766	1425615.37	0.5773	A	0.6
5	☐	250.000	227.277	1745254.03	0.7356	A	1.6
6	☐	500.000	499.442	2446603.59	1.0904	A	8.2
7	☐	1000.000	1008.979	4051667.15	1.7545	A	4.4
8	☐			1464301.74	0.6327	A	3.0

$$y = 0.0013 * x + 0.4394$$

$$R = 0.9997$$

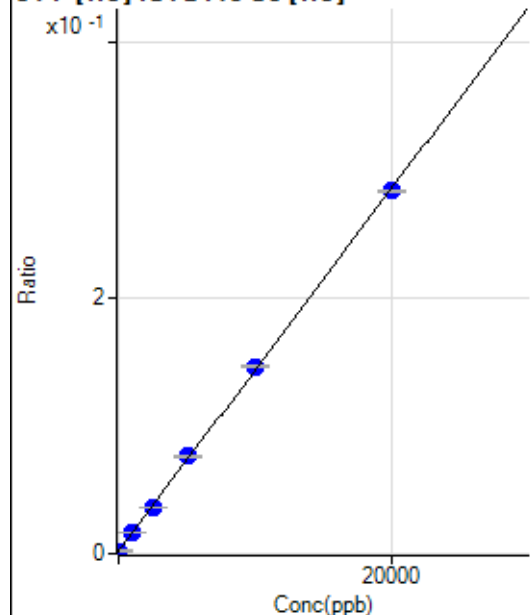
$$DL = 19.55$$

$$BEC = 337.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-5.449	197.23	0.0019	P	50.0
2	☐	0.000	5.449	211.12	0.0021	P	21.9
3	☐	1000.000	1005.448	1600.12	0.0163	P	3.5
4	☐	2500.000	2399.963	3575.53	0.0361	P	2.8
5	☐	5000.000	5219.624	7288.13	0.0761	P	1.0
6	☐	10000.000	10173.088	13281.42	0.1464	P	0.6
7	☐	20000.000	19870.782	26694.48	0.2840	P	0.6
8	☐			186.12	0.0020	P	11.4

$$y = 1.4192E-005 * x + 0.0020$$

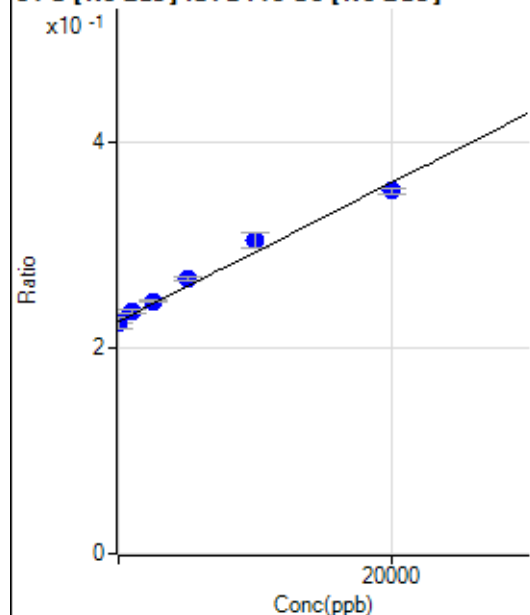
$$R = 0.9998$$

$$DL = 151$$

$$BEC = 142.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	106.558	581217.96	0.2270	P	1.2
2	☐	0.000	-106.558	577298.59	0.2255	P	5.0
3	☐	1000.000	1368.462	590568.35	0.2355	P	1.2
4	☐	2500.000	2886.314	606912.69	0.2458	P	0.5
5	☐	5000.000	6144.036	635114.97	0.2678	P	2.0
6	☐	10000.000	11721.708	686054.42	0.3055	P	5.2
7	☐	20000.000	18786.425	815585.58	0.3532	P	1.6
8	☐			532911.48	0.2302	P	2.1

$$y = 6.7601\text{E-}006 * x + 0.2262$$

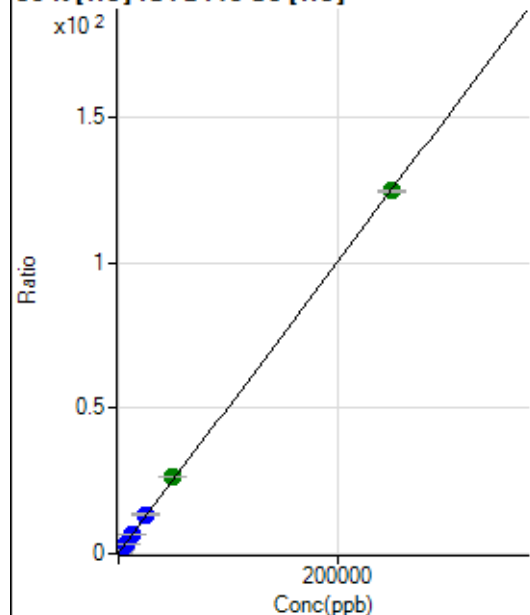
$$R = 0.9922$$

$$DL = 3129$$

$$BEC = 3.347\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27334.72	0.2682	P	1.2
2	☐	500.000	498.666	52111.32	0.5170	P	2.0
3	☐	2500.000	2752.232	161141.95	1.6414	P	5.7
4	☐	6250.000	6578.877	351746.35	3.5505	P	2.0
5	☐	12500.000	13289.787	660681.89	6.8987	P	0.6
6	☐	25000.000	26591.723	1227905.16	13.5352	P	1.0
7	☐	50000.000	52006.218	2463691.83	26.2148	A	0.3
8	☐	250000.00	249389.35	11346000.51	124.6918	A	0.6

$$y = 4.9891\text{E-}004 * x + 0.2682$$

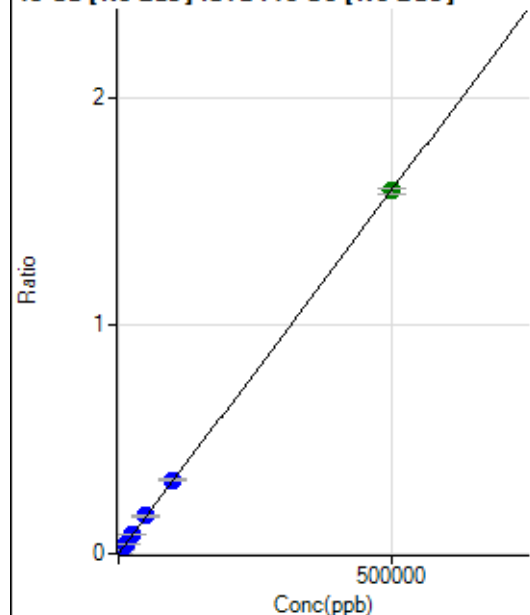
$$R = 1.0000$$

$$DL = 18.81$$

$$BEC = 537.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	311.63	0.0001	P	1.9
2	☐	500.000	496.597	4356.38	0.0017	P	5.8
3	☐	5000.000	5129.715	41252.49	0.0164	P	0.9
4	☐	12500.000	12726.915	100334.77	0.0406	P	0.4
5	☐	25000.000	25478.710	192620.42	0.0812	P	2.1
6	☐	50000.000	51939.181	371461.11	0.1654	P	5.8
7	☐	100000.00	101257.69	744456.64	0.3224	P	1.8
8	☐	500000.00	499523.64	3680397.09	1.5900	A	1.7

$$y = 3.1828\text{E-}006 * x + 1.2168\text{E-}004$$

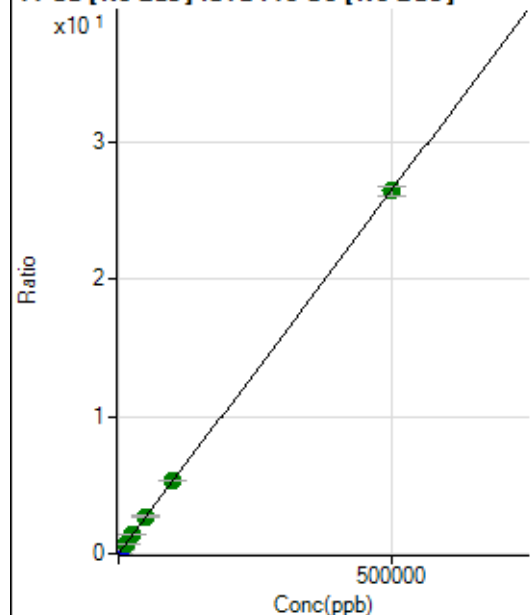
$$R = 1.0000$$

$$DL = 2.156$$

$$BEC = 38.23$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17149.47	0.0067	P	0.8
2	☐	500.000	499.663	84902.11	0.0332	P	5.2
3	☐	5000.000	5189.921	706388.89	0.2817	P	0.4
4	☐	12500.000	12760.008	1686017.88	0.6827	A	0.6
5	☐	25000.000	25505.681	3220848.75	1.3580	A	2.0
6	☐	50000.000	51109.156	6096435.82	2.7145	A	5.1
7	☐	100000.00	100951.01	12365459.86	5.3551	A	1.3
8	☐	500000.00	499665.19	61286449.71	26.4790	A	2.6

$$y = 5.2980\text{E-}005 * x + 0.0067$$

$$R = 1.0000$$

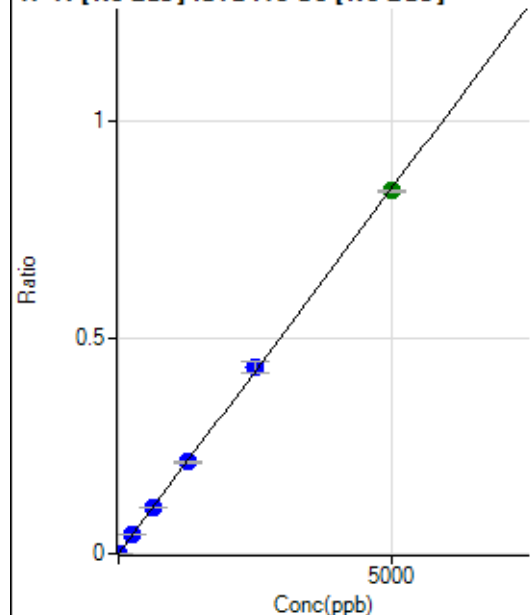
$$DL = 3.169$$

$$BEC = 126.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	305.57	0.0001	P	16.6
2	☐	5.000	4.855	2400.26	0.0009	P	10.6
3	☐	250.000	254.217	107942.19	0.0430	P	0.5
4	☐	625.000	629.763	262865.96	0.1064	P	0.4
5	☐	1250.000	1252.523	501757.83	0.2116	P	3.0
6	☐	2500.000	2556.914	969451.86	0.4318	P	6.2
7	☐	5000.000	4970.106	1937889.91	0.8392	A	0.4
8	☐			1038.95	0.0004	P	19.9

$$y = 1.6883\text{E-}004 * x + 1.1920\text{E-}004$$

$$R = 0.9999$$

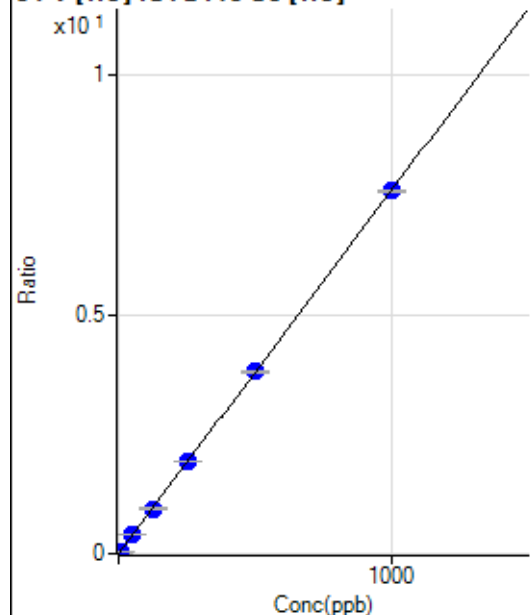
$$DL = 0.3506$$

$$BEC = 0.706$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17.78	0.0002	P	29.6
2	☐	5.000	4.879	3753.87	0.0372	P	4.6
3	☐	50.000	51.768	38644.29	0.3935	P	4.8
4	☐	125.000	124.042	93391.94	0.9426	P	1.7
5	☐	250.000	252.871	184014.77	1.9215	P	1.0
6	☐	500.000	501.567	345727.72	3.8111	P	1.5
7	☐	1000.000	998.531	713001.22	7.5870	P	0.8
8	☐			220.00	0.0024	P	16.7

$$y = 0.0076 * x + 1.7474\text{E-}004$$

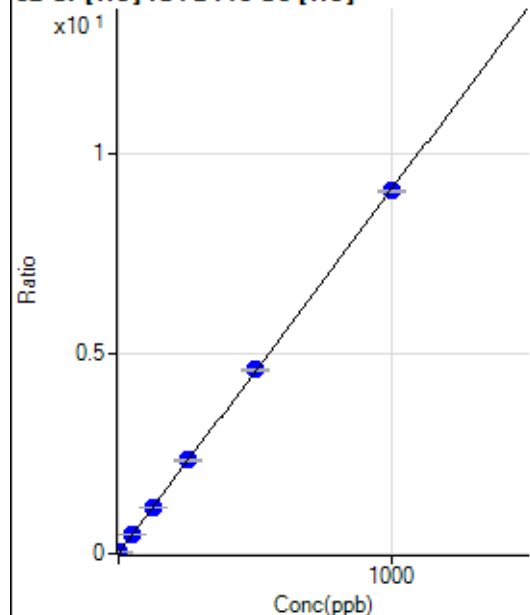
$$R = 1.0000$$

$$DL = 0.02039$$

$$BEC = 0.023$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	725.58	0.0071	P	8.1
2	☐	2.000	2.136	2676.95	0.0266	P	3.2
3	☐	50.000	51.934	47120.64	0.4799	P	5.2
4	☐	125.000	126.360	114658.05	1.1574	P	2.2
5	☐	250.000	255.590	223501.01	2.3338	P	1.1
6	☐	500.000	504.516	417293.06	4.5999	P	1.1
7	☐	1000.000	996.077	852818.67	9.0747	P	0.7
8	☐			8299.13	0.0912	P	2.0

$$y = 0.0091 * x + 0.0071$$

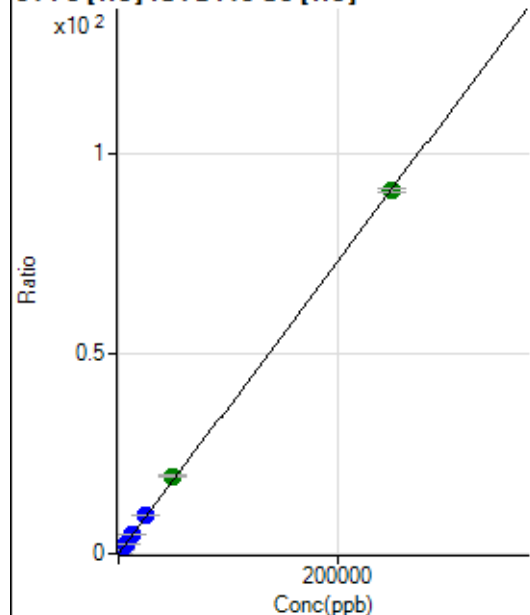
$$R = 1.0000$$

$$DL = 0.1909$$

$$BEC = 0.7821$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	281.49	0.0028	P	1.8
2	☐	50.000	55.703	2322.45	0.0230	P	2.8
3	☐	2500.000	2759.338	98910.09	1.0075	P	5.6
4	☐	6250.000	6650.855	240194.21	2.4244	P	1.6
5	☐	12500.000	13497.316	470893.44	4.9172	P	1.8
6	☐	25000.000	26792.103	885215.48	9.7580	P	1.3
7	☐	50000.000	53321.446	1824888.28	19.4175	A	0.7
8	☐	250000.00	249094.01	8252765.06	90.6996	A	0.9

$$y = 3.6411E-004 * x + 0.0028$$

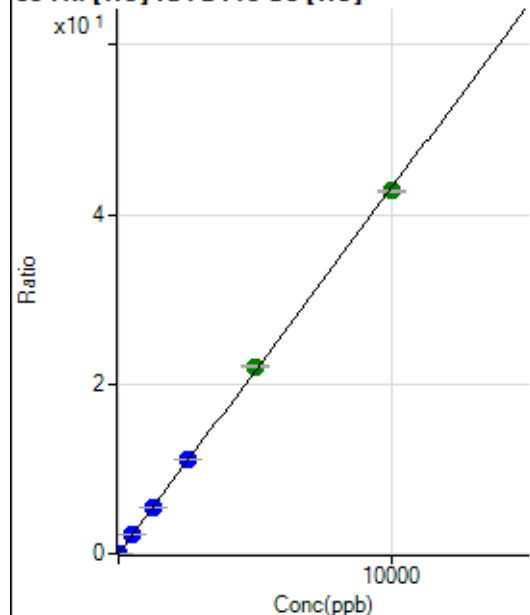
$$R = 0.9999$$

$$DL = 0.4029$$

$$BEC = 7.586$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.67	0.0008	P	27.2
2	☐	1.000	0.956	501.13	0.0050	P	6.7
3	☐	500.000	527.825	223559.67	2.2768	P	5.3
4	☐	1250.000	1273.391	544041.11	5.4917	P	2.1
5	☐	2500.000	2567.331	1060259.75	11.0712	P	1.1
6	☐	5000.000	5122.063	2003629.08	22.0872	A	1.9
7	☐	10000.000	9917.821	4019166.54	42.7665	A	0.3
8	☐			4407.40	0.0484	P	2.8

$$y = 0.0043 * x + 8.4928E-004$$

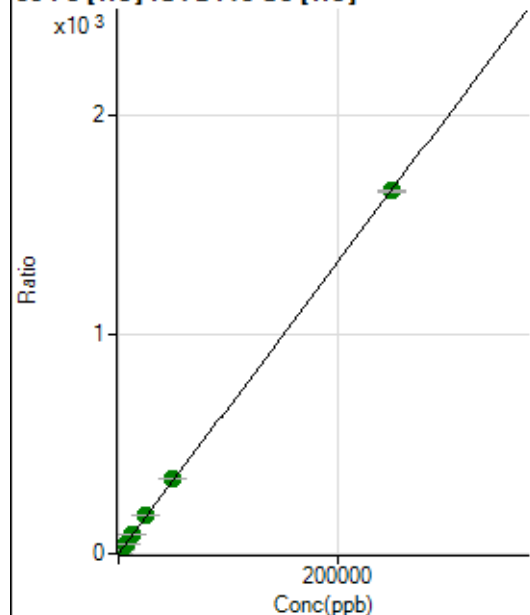
$$R = 0.9999$$

$$DL = 0.1604$$

$$BEC = 0.197$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2618.81	0.0257	P	0.7
2	☐	50.000	52.437	37570.08	0.3728	P	1.8
3	☐	2500.000	2721.574	1771453.25	18.0387	A	4.8
4	☐	6250.000	6562.410	4306036.85	43.4598	A	1.2
5	☐	12500.000	13191.225	8363646.89	87.3333	A	1.0
6	☐	25000.000	26124.047	15688249.77	172.9307	A	1.0
7	☐	50000.000	51332.658	31930071.08	339.7767	A	1.2
8	☐	250000.00	249576.47	150307557.0	1,651.876	A	0.6

$$y = 0.0066 * x + 0.0257$$

$$R = 1.0000$$

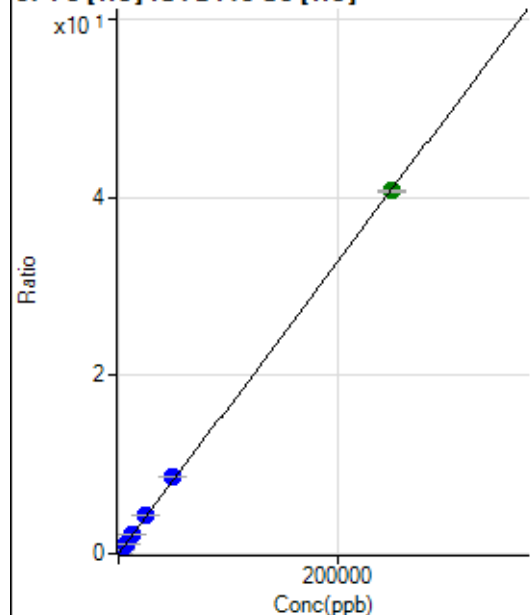
$$DL = 0.07943$$

$$BEC = 3.883$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0013	P	23.0
2	☐	50.000	51.454	979.68	0.0097	P	5.5
3	☐	2500.000	2737.111	44072.05	0.4487	P	4.3
4	☐	6250.000	6592.430	106888.25	1.0789	P	2.0
5	☐	12500.000	13404.467	209941.96	2.1924	P	2.5
6	☐	25000.000	26510.329	393243.10	4.3347	P	0.8
7	☐	50000.000	52444.968	805735.09	8.5739	P	0.9
8	☐	250000.00	249303.81	3708067.41	40.7522	A	0.8

$$y = 1.6346\text{E-}004 * x + 0.0013$$

R = 0.9999

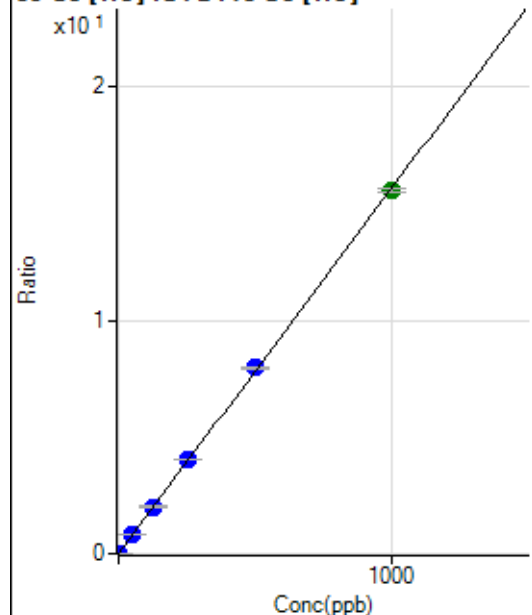
DL = 5.528

BEC = 8.015

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	46.67	0.0005	P	43.5
2	☐	1.000	1.028	1667.89	0.0165	P	2.6
3	☐	50.000	53.015	81552.84	0.8306	P	5.3
4	☐	125.000	127.891	198418.37	2.0030	P	2.7
5	☐	250.000	257.791	386601.77	4.0369	P	1.4
6	☐	500.000	508.290	722076.38	7.9592	P	0.7
7	☐	1000.000	993.395	1461793.80	15.5550	A	0.9
8	☐			2729.18	0.0300	P	5.7

$$y = 0.0157 * x + 4.5817\text{E-}004$$

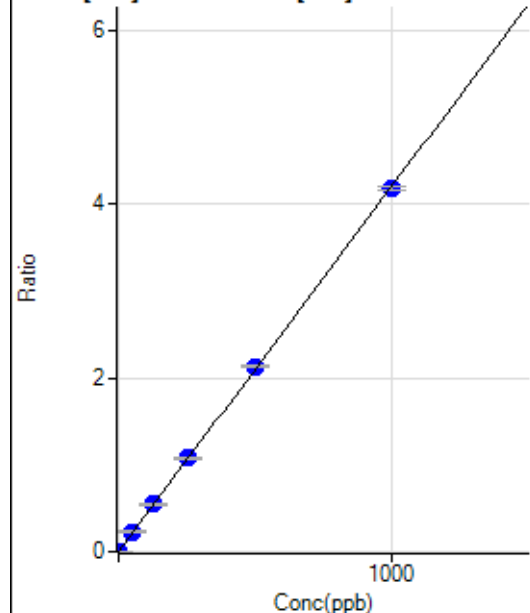
R = 0.9999

DL = 0.0382

BEC = 0.02926

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.00	0.0013	P	16.2
2	☐	1.000	1.025	562.24	0.0056	P	11.4
3	☐	50.000	53.411	22130.65	0.2255	P	7.2
4	☐	125.000	129.055	53800.26	0.5431	P	2.4
5	☐	250.000	256.414	103213.25	1.0778	P	1.2
6	☐	500.000	507.413	193368.42	2.1315	P	1.2
7	☐	1000.000	994.013	392291.64	4.1744	P	0.9
8	☐			2742.52	0.0301	P	2.8

$$y = 0.0042 * x + 0.0013$$

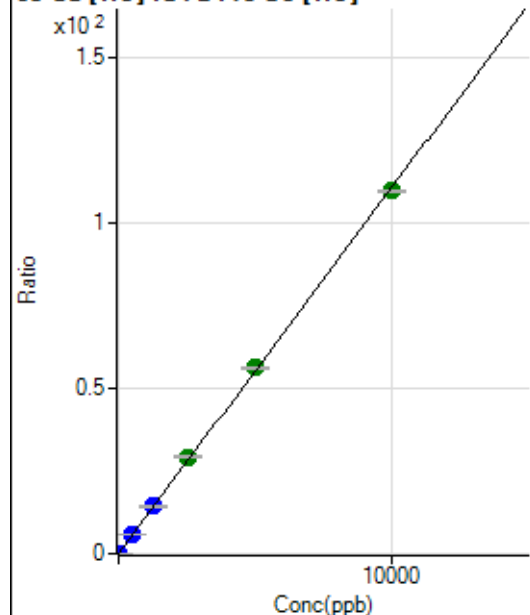
$$R = 0.9999$$

$$DL = 0.1476$$

$$BEC = 0.3036$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	455.19	0.0045	P	10.1
2	☐	2.000	2.120	2812.51	0.0279	P	9.4
3	☐	500.000	537.049	583411.09	5.9413	P	5.1
4	☐	1250.000	1290.675	1413957.10	14.2724	P	1.9
5	☐	2500.000	2640.890	2796193.80	29.1985	A	1.4
6	☐	5000.000	5079.862	5094925.60	56.1604	A	1.0
7	☐	10000.000	9917.910	10304341.82	109.6432	A	0.3
8	☐			8229.63	0.0904	P	2.2

$$y = 0.0111 * x + 0.0045$$

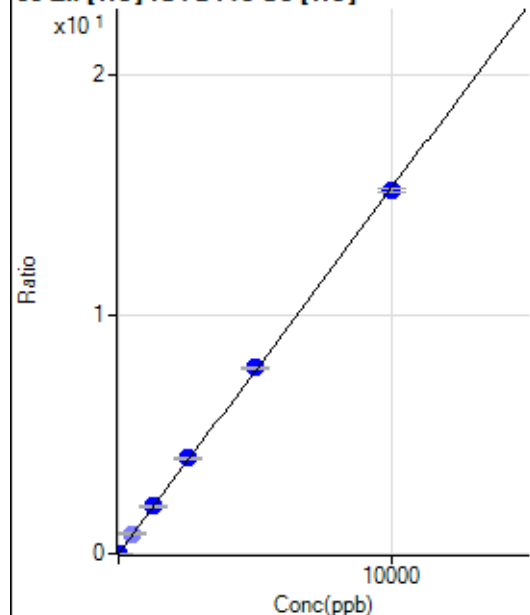
$$R = 0.9998$$

$$DL = 0.1229$$

$$BEC = 0.4038$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	180.00	0.0018	P	6.7
2	☐	2.000	2.011	487.79	0.0048	P	6.4
3	☒	500.000		81681.26	0.8319	P	5.2
4	☐	1250.000	1296.059	196467.86	1.9832	P	2.0
5	☐	2500.000	2603.634	381354.19	3.9822	P	1.3
6	☐	5000.000	5091.057	706267.46	7.7849	P	0.7
7	☐	10000.000	9922.806	1425755.48	15.1717	P	1.1
8	☐			3262.63	0.0359	P	4.2

$$y = 0.0015 * x + 0.0018$$

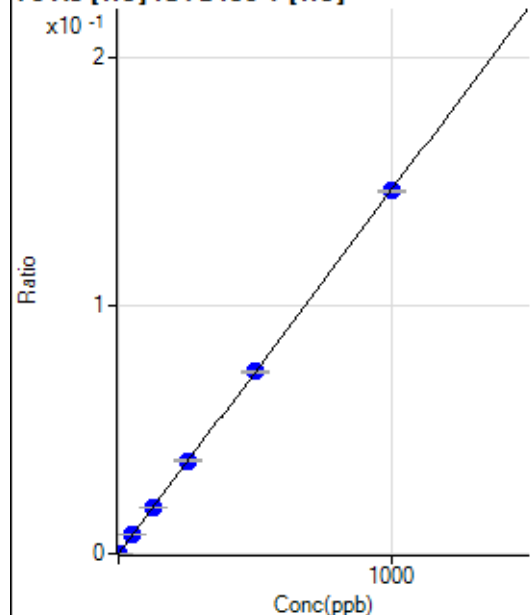
$$R = 0.9999$$

$$DL = 0.2324$$

$$BEC = 1.156$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.67	0.0000	P	45.2
2	☐	1.000	1.107	136.01	0.0002	P	3.3
3	☐	50.000	52.351	5925.51	0.0077	P	4.1
4	☐	125.000	125.289	14198.54	0.0184	P	1.4
5	☐	250.000	254.972	28089.63	0.0374	P	1.2
6	☐	500.000	501.772	52263.25	0.0735	P	0.9
7	☐	1000.000	997.717	107006.80	0.1462	P	0.4
8	☐			53.34	0.0001	P	5.6

$$y = 1.4654E-004 * x + 9.5674E-006$$

$$R = 1.0000$$

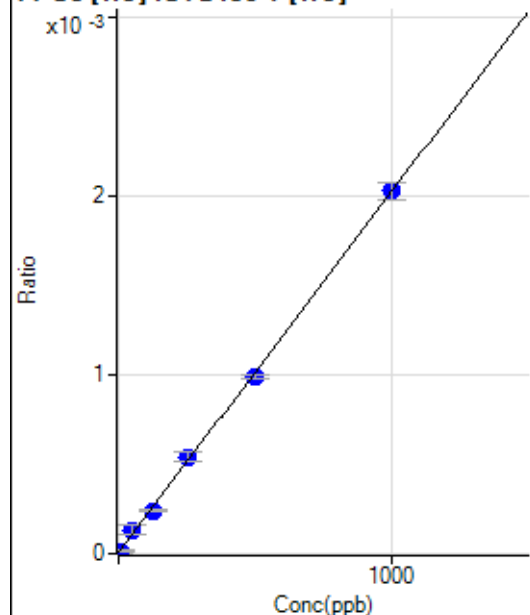
$$DL = 0.08851$$

$$BEC = 0.06529$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.56	0.0000	P	92.2
2	☐	5.000	4.220	12.22	0.0000	P	68.8
3	☐	50.000	62.844	102.22	0.0001	P	43.1
4	☐	125.000	116.183	186.67	0.0002	P	6.3
5	☐	250.000	264.694	406.68	0.0005	P	10.8
6	☐	500.000	487.575	704.47	0.0010	P	2.4
7	☐	1000.000	1003.003	1486.76	0.0020	P	4.8
8	☐			1.11	0.0000	P	173.2

$$y = 2.0186\text{E-}006 * x + 6.9590\text{E-}006$$

$$R = 0.9996$$

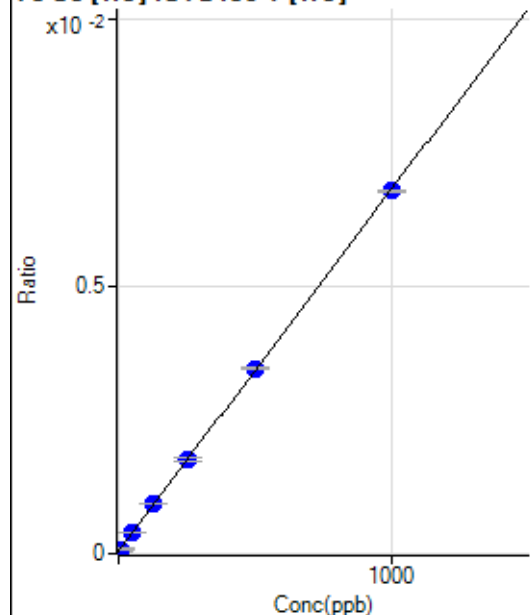
$$DL = 9.532$$

$$BEC = 3.448$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39.33	0.0000	P	5.7
2	☐	5.000	5.738	69.68	0.0001	P	9.5
3	☐	50.000	52.552	312.37	0.0004	P	3.5
4	☐	125.000	131.377	724.76	0.0009	P	0.8
5	☐	250.000	252.672	1321.20	0.0018	P	2.8
6	☐	500.000	504.851	2461.47	0.0035	P	1.6
7	☐	1000.000	995.978	4965.38	0.0068	P	0.4
8	☐			48.34	0.0001	P	21.0

$$y = 6.7626\text{E-}006 * x + 4.9161\text{E-}005$$

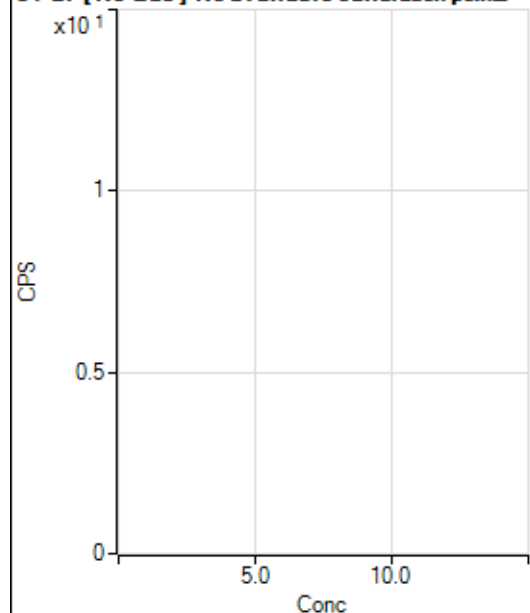
$$R = 1.0000$$

$$DL = 1.235$$

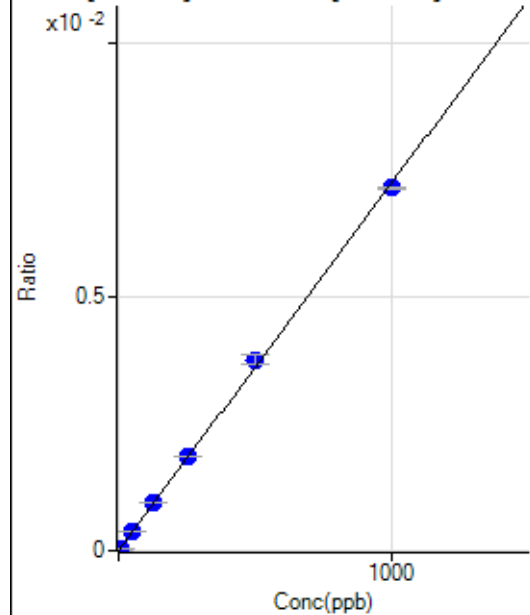
$$BEC = 7.27$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2612.94		P	11.0
2	☐			2739.78		P	7.3
3	☐			2783.16		P	6.2
4	☐			2609.61		P	6.2
5	☐			2542.86		P	4.2
6	☐			2642.99		P	6.7
7	☐			2749.77		P	5.8
8	☐			2799.83		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.50	0.0000	P	2046.
2	☐	5.000	4.838	223.76	0.0000	P	52.1
3	☐	50.000	50.581	2339.57	0.0004	P	2.4
4	☐	125.000	129.097	5786.13	0.0009	P	0.8
5	☐	250.000	256.576	11124.50	0.0019	P	1.7
6	☐	500.000	520.366	21215.28	0.0038	P	4.5
7	☐	1000.000	987.633	42123.51	0.0072	P	0.9
8	☐			17.56	0.0000	P	769.3

$$y = 7.2421E-006 * x + 3.8974E-007$$

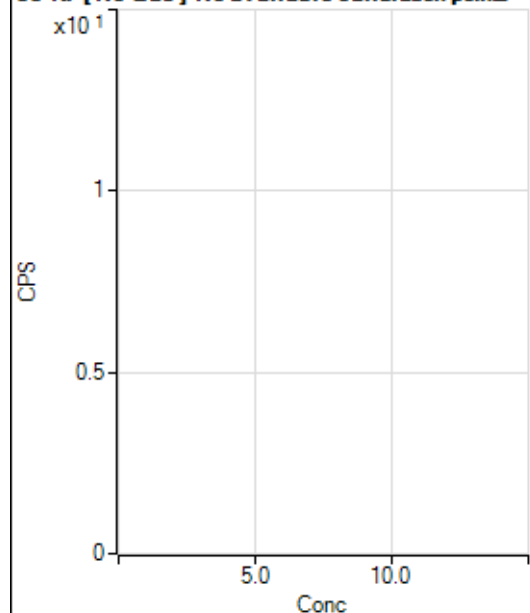
$$R = 0.9997$$

$$DL = 3.304$$

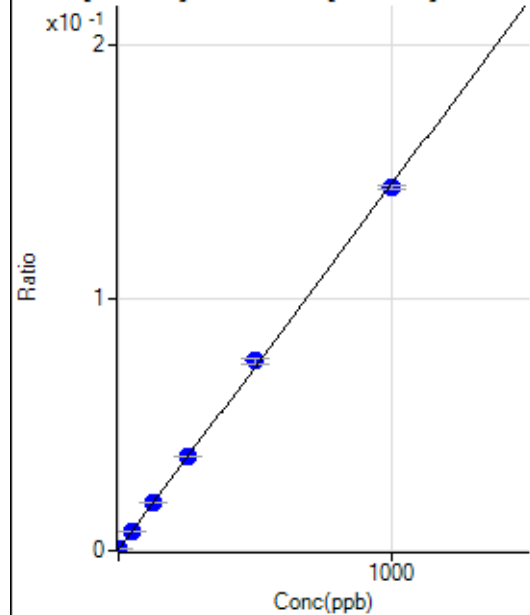
$$BEC = 0.05382$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1896.82		P	4.3
2	☐			1965.72		P	7.1
3	☐			1992.39		P	4.1
4	☐			1905.71		P	1.4
5	☐			1809.03		P	12.0
6	☐			1817.91		P	5.4
7	☐			1806.80		P	5.0
8	☐			1876.81		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3003.20	0.0005	P	1.3
2	☐	1.000	1.179	4061.82	0.0006	P	8.0
3	☐	50.000	51.153	50093.34	0.0079	P	0.9
4	☐	125.000	128.315	117539.24	0.0190	P	0.9
5	☐	250.000	253.589	222045.98	0.0371	P	0.2
6	☐	500.000	517.169	423288.97	0.0752	P	3.3
7	☐	1000.000	990.046	845011.28	0.1435	P	1.2
8	☐			7593.94	0.0013	P	6.1

$$y = 1.4447E-004 * x + 4.6238E-004$$

$$R = 0.9998$$

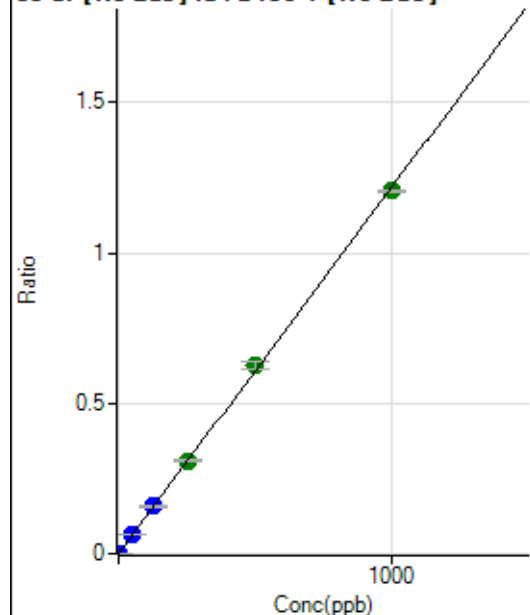
$$DL = 0.121$$

$$BEC = 3.201$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	147.23	0.0000	P	32.8
2	☐	1.000	1.032	8205.42	0.0013	P	7.4
3	☐	50.000	51.632	400984.60	0.0629	P	0.8
4	☐	125.000	129.169	972643.86	0.1572	P	0.8
5	☐	250.000	254.155	1851497.50	0.3093	A	1.2
6	☐	500.000	514.445	3524571.00	0.6261	A	4.4
7	☐	1000.000	991.136	7103308.49	1.2063	A	0.6
8	☐			40027.30	0.0069	P	2.1

$$y = 0.0012 * x + 2.2689E-005$$

$$R = 0.9998$$

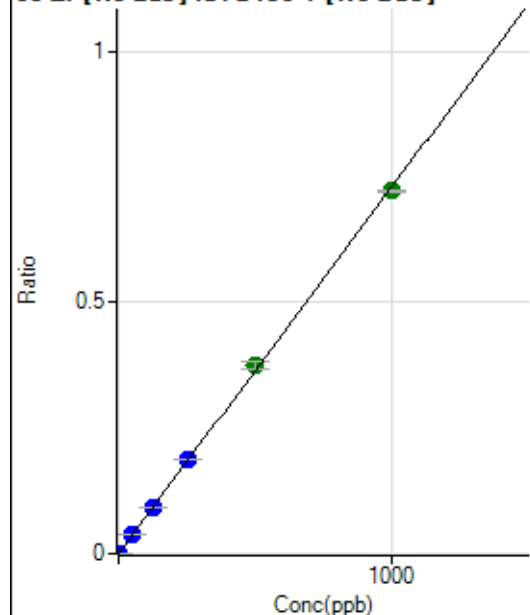
$$DL = 0.01833$$

$$BEC = 0.01864$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	180.56	0.0000	P	16.5
2	☐	1.000	0.983	4781.52	0.0007	P	7.1
3	☐	50.000	51.236	238530.64	0.0374	P	1.9
4	☐	125.000	127.927	577357.23	0.0933	P	0.4
5	☐	250.000	256.462	1119661.28	0.1871	P	0.5
6	☐	500.000	515.062	2114895.75	0.3757	A	4.1
7	☐	1000.000	990.426	4253997.36	0.7224	A	0.9
8	☐			2472.53	0.0004	P	15.5

$$y = 7.2932E-004 * x + 2.7770E-005$$

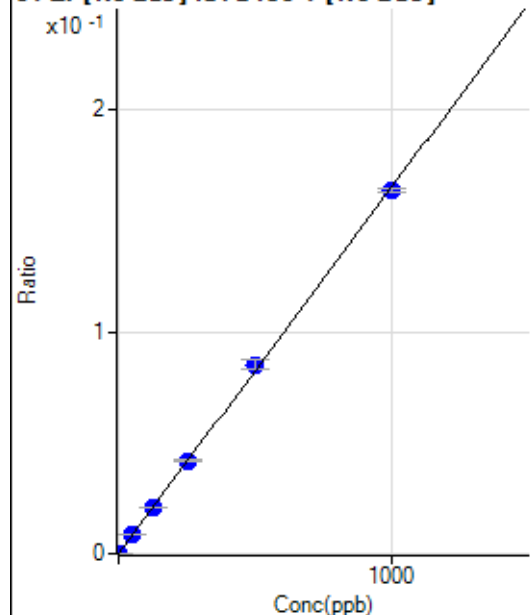
$$R = 0.9998$$

$$DL = 0.01884$$

$$BEC = 0.03808$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	34.5
2	☐	1.000	0.845	955.62	0.0001	P	11.0
3	☐	50.000	51.241	53985.83	0.0085	P	0.8
4	☐	125.000	126.288	128954.45	0.0208	P	0.6
5	☐	250.000	254.108	250999.25	0.0419	P	1.1
6	☐	500.000	516.450	479667.59	0.0852	P	4.9
7	☐	1000.000	990.525	962471.79	0.1634	P	0.9
8	☐			513.91	0.0001	P	32.6

$$y = 1.6499\text{E-}004 * x + 8.5485\text{E-}006$$

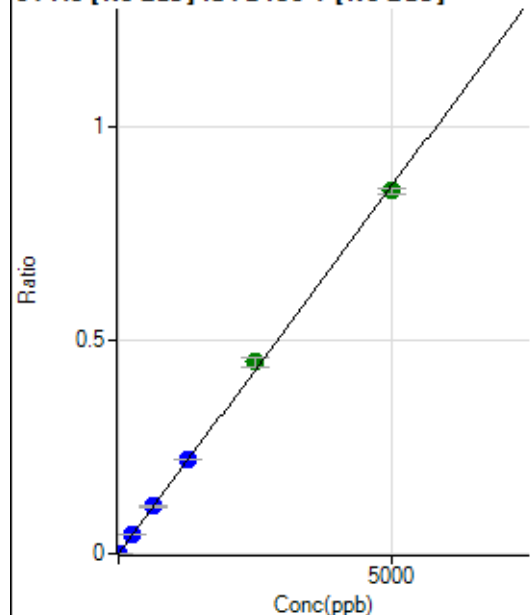
$$R = 0.9998$$

$$DL = 0.05359$$

$$BEC = 0.05181$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.11	0.0000	P	44.4
2	☐	5.000	5.240	5895.88	0.0009	P	2.4
3	☐	250.000	258.092	284013.39	0.0445	P	2.3
4	☐	625.000	642.748	685825.41	0.1109	P	1.4
5	☐	1250.000	1281.727	1323150.01	0.2211	P	0.5
6	☐	2500.000	2605.200	2529225.23	0.4493	A	4.6
7	☐	5000.000	4936.845	5013940.43	0.8515	A	1.3
8	☐			3497.76	0.0006	P	11.2

$$y = 1.7247\text{E-}004 * x + 1.3292\text{E-}005$$

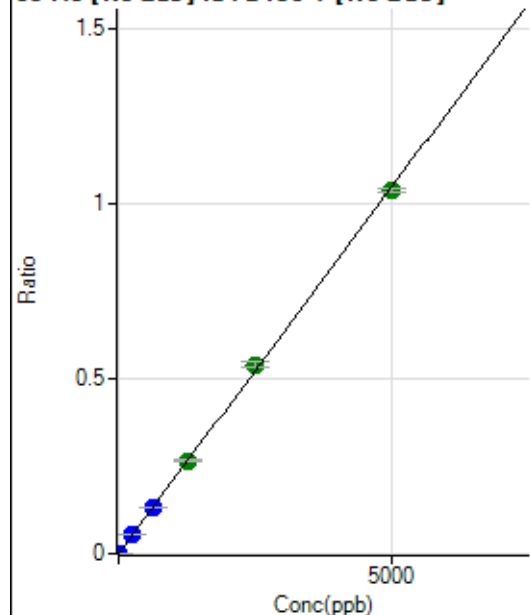
$$R = 0.9996$$

$$DL = 0.1026$$

$$BEC = 0.07707$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.3
2	☐	5.000	5.047	6821.30	0.0011	P	5.9
3	☐	250.000	255.389	341645.50	0.0536	P	0.8
4	☐	625.000	637.720	827264.57	0.1337	P	1.3
5	☐	1250.000	1271.407	1595599.77	0.2666	A	0.9
6	☐	2500.000	2582.810	3049216.02	0.5416	A	3.5
7	☐	5000.000	4951.384	6114171.36	1.0382	A	0.9
8	☐			4470.29	0.0008	P	9.3

$$y = 2.0969\text{E-}004 * x + 4.2854\text{E-}006$$

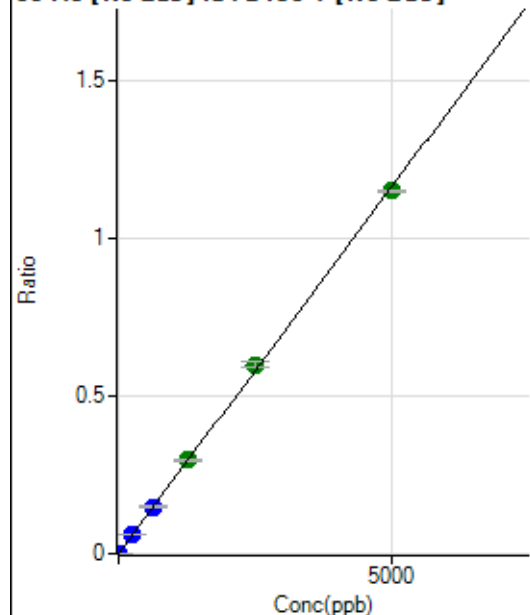
$$R = 0.9998$$

$$DL = 0.02163$$

$$BEC = 0.02044$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.22	0.0000	P	28.4
2	☐	5.000	4.961	7466.14	0.0012	P	2.6
3	☐	250.000	255.342	377832.15	0.0592	P	1.4
4	☐	625.000	642.192	921410.46	0.1489	P	1.7
5	☐	1250.000	1275.100	1769906.77	0.2957	A	1.4
6	☐	2500.000	2580.785	3369848.82	0.5985	A	3.7
7	☐	5000.000	4950.916	6761546.90	1.1482	A	0.4
8	☐			5370.64	0.0009	P	10.7

$$y = 2.3192\text{E-}004 * x + 1.1107\text{E-}005$$

$$R = 0.9998$$

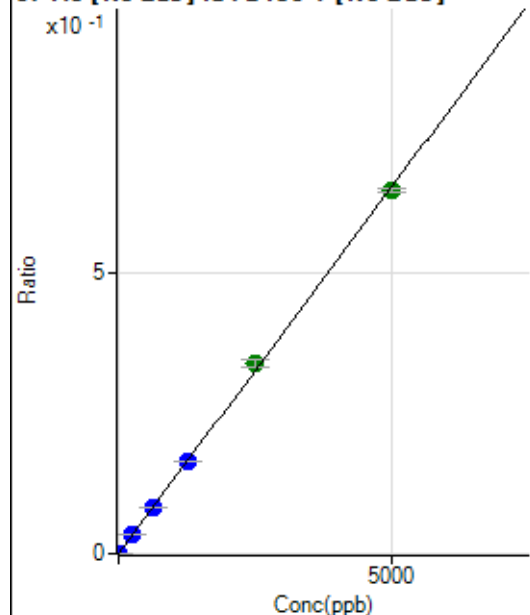
$$DL = 0.04083$$

$$BEC = 0.04789$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	4.925	4142.39	0.0006	P	6.5
3	☐	250.000	252.367	210306.34	0.0330	P	0.7
4	☐	625.000	632.661	511249.55	0.0826	P	2.0
5	☐	1250.000	1263.552	987871.22	0.1651	P	1.1
6	☐	2500.000	2590.629	1905097.55	0.3384	A	4.2
7	☐	5000.000	4950.222	3807826.52	0.6467	A	1.0
8	☐			2789.28	0.0005	P	14.8

$$y = 1.3063\text{E-}004 * x + 1.7199\text{E-}006$$

$$R = 0.9997$$

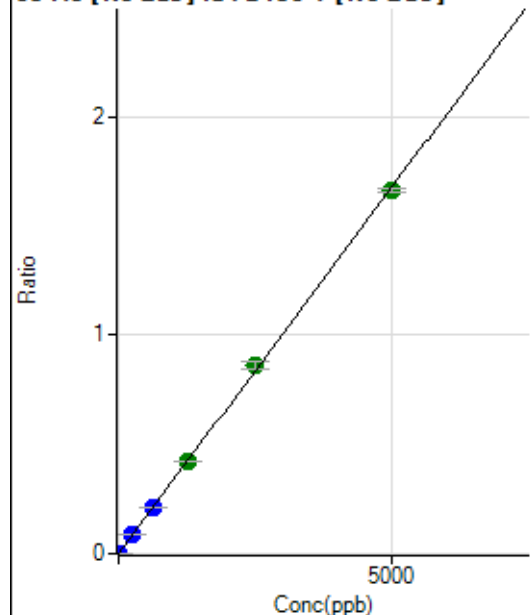
$$DL = 0.03421$$

$$BEC = 0.01317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	44.9
2	☐	5.000	5.190	11182.59	0.0017	P	5.4
3	☐	250.000	253.740	541885.92	0.0849	P	0.8
4	☐	625.000	637.827	1320907.26	0.2135	P	1.2
5	☐	1250.000	1264.788	2534036.64	0.4234	A	1.3
6	☐	2500.000	2576.713	4855510.22	0.8626	A	4.8
7	☐	5000.000	4956.156	9769727.65	1.6591	A	1.0
8	☐			7268.79	0.0013	P	11.7

$$y = 3.3476\text{E-}004 * x + 4.2669\text{E-}006$$

$$R = 0.9998$$

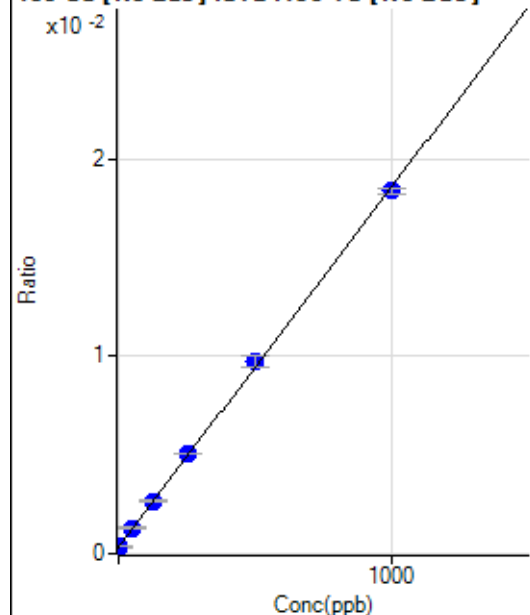
$$DL = 0.01718$$

$$BEC = 0.01275$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1258.44	0.0003	P	16.1
2	☐	1.000	2.343	1391.78	0.0004	P	13.2
3	☐	50.000	52.654	4745.37	0.0013	P	3.7
4	☐	125.000	128.025	9539.66	0.0027	P	2.2
5	☐	250.000	260.319	17511.45	0.0051	P	1.3
6	☐	500.000	514.682	31642.55	0.0097	P	6.0
7	☐	1000.000	989.567	61833.49	0.0184	P	1.5
8	☐			1258.43	0.0004	P	9.8

$$y = 1.8253\text{E-}005 * x + 3.3400\text{E-}004$$

R = 0.9998

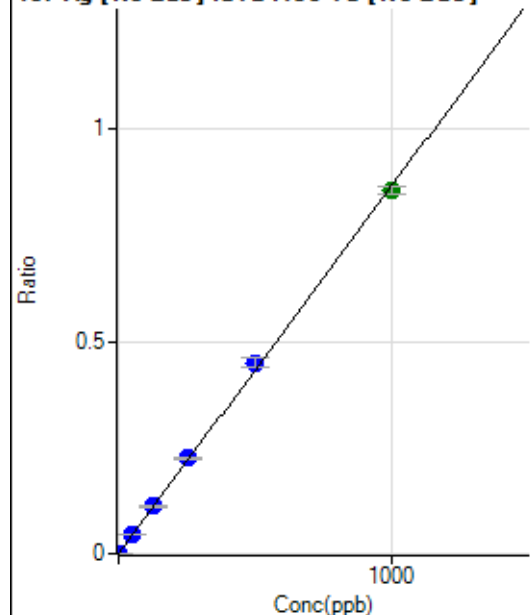
DL = 8.826

BEC = 18.3

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	29.6
2	☐	1.000	1.040	3383.86	0.0009	P	9.9
3	☐	50.000	52.534	166622.79	0.0455	P	1.0
4	☐	125.000	128.802	398356.92	0.1115	P	1.4
5	☐	250.000	260.050	775272.72	0.2252	P	1.2
6	☐	500.000	519.450	1463225.89	0.4497	P	5.0
7	☐	1000.000	987.161	2872875.65	0.8547	A	2.0
8	☐			2230.80	0.0007	P	13.5

$$y = 8.6576\text{E-}004 * x + 1.9927\text{E-}005$$

R = 0.9997

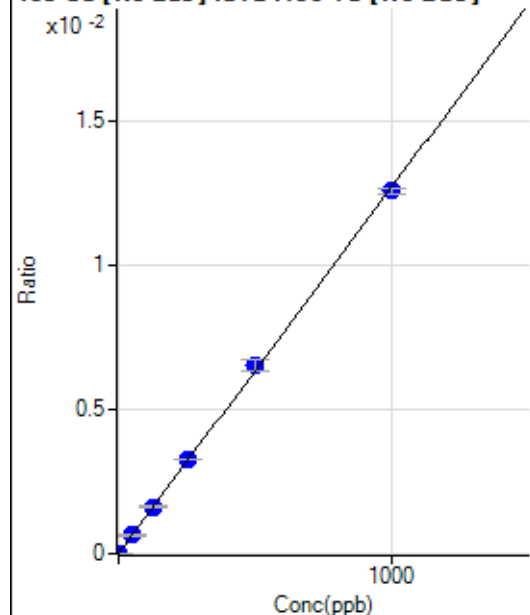
DL = 0.02042

BEC = 0.02302

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	26.2
2	☐	1.000	0.956	61.11	0.0000	P	12.9
3	☐	50.000	50.097	2346.06	0.0006	P	6.5
4	☐	125.000	128.255	5838.80	0.0016	P	3.2
5	☐	250.000	256.051	11218.54	0.0033	P	0.6
6	☐	500.000	515.152	21301.37	0.0066	P	6.8
7	☐	1000.000	990.499	42318.96	0.0126	P	1.4
8	☐			98.61	0.0000	P	22.9

$$y = 1.2706\text{E-}005 * x + 4.4375\text{E-}006$$

$$R = 0.9998$$

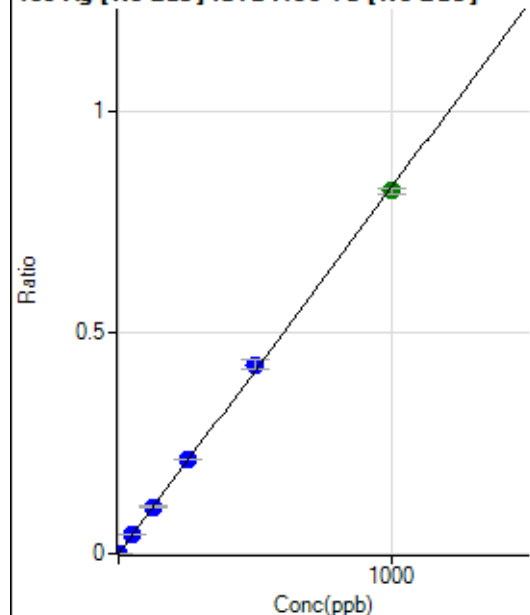
$$DL = 0.2746$$

$$BEC = 0.3492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.2
2	☐	1.000	0.981	3011.52	0.0008	P	9.4
3	☐	50.000	51.263	155353.40	0.0424	P	0.8
4	☐	125.000	128.178	378828.23	0.1061	P	1.4
5	☐	250.000	255.480	727914.73	0.2114	P	0.4
6	☐	500.000	515.815	1388774.97	0.4268	P	4.7
7	☐	1000.000	990.262	2753896.83	0.8194	A	1.9
8	☐			1961.31	0.0006	P	10.6

$$y = 8.2742\text{E-}004 * x + 7.3951\text{E-}006$$

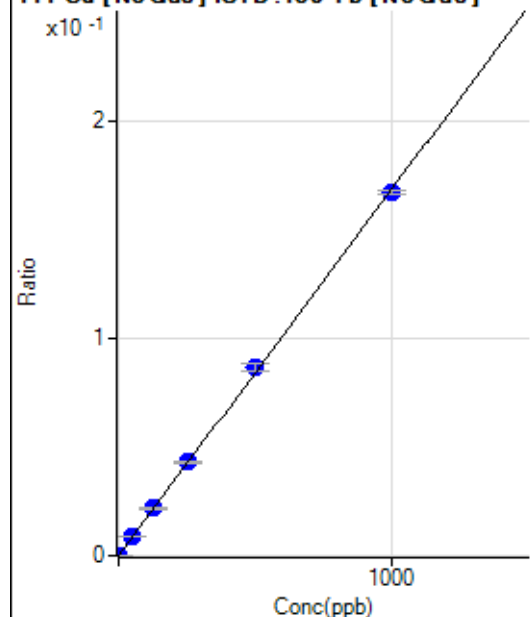
$$R = 0.9998$$

$$DL = 0.0124$$

$$BEC = 0.008938$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	67.92	0.0000	P	27.7
2	☐	1.000	1.176	796.29	0.0002	P	2.8
3	☐	50.000	51.605	31912.51	0.0087	P	2.4
4	☐	125.000	129.125	77797.70	0.0218	P	2.3
5	☐	250.000	255.695	148471.50	0.0431	P	1.0
6	☐	500.000	513.695	281803.32	0.0866	P	4.6
7	☐	1000.000	991.133	561633.60	0.1671	P	1.2
8	☐			479.33	0.0001	P	13.1

$$y = 1.6856\text{E-}004 * x + 1.8020\text{E-}005$$

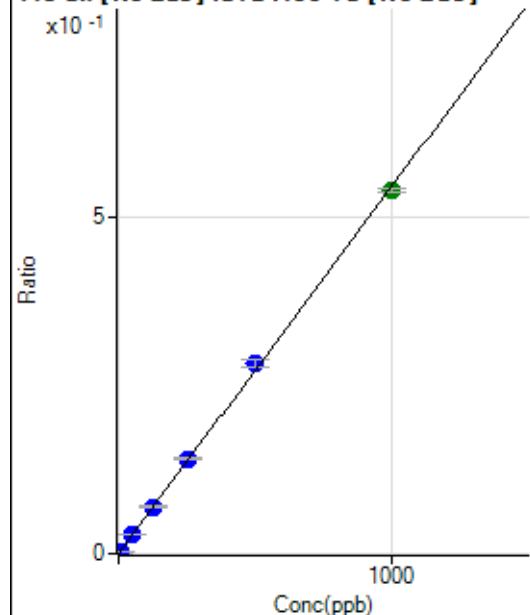
$$R = 0.9998$$

$$DL = 0.08883$$

$$BEC = 0.1069$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	305.57	0.0001	P	16.2
2	☐	5.000	5.012	10331.95	0.0028	P	1.3
3	☐	50.000	51.417	102636.52	0.0280	P	0.8
4	☐	125.000	128.277	249297.40	0.0698	P	2.1
5	☐	250.000	256.998	481214.63	0.1398	P	1.9
6	☐	500.000	517.791	916145.83	0.2815	P	4.0
7	☐	1000.000	988.874	1806966.47	0.5376	A	1.0
8	☐			1486.24	0.0004	P	12.9

$$y = 5.4352\text{E-}004 * x + 8.1119\text{E-}005$$

$$R = 0.9997$$

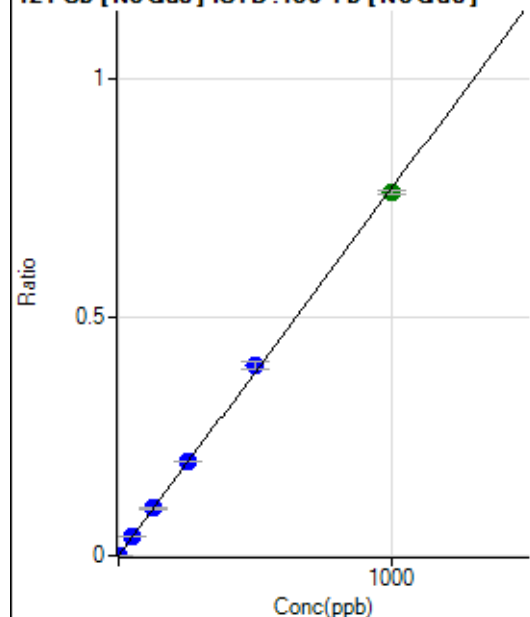
$$DL = 0.0724$$

$$BEC = 0.1492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.0
2	☐	2.000	2.038	5773.59	0.0016	P	9.3
3	☐	50.000	50.970	143652.16	0.0392	P	0.9
4	☐	125.000	128.665	353673.69	0.0990	P	1.4
5	☐	250.000	257.059	681193.18	0.1978	P	1.2
6	☐	500.000	519.337	1300571.60	0.3997	P	4.4
7	☐	1000.000	988.060	2555900.80	0.7604	A	1.0
8	☐			2817.04	0.0008	P	3.6

$$y = 7.6957E-004 * x + 3.6815E-006$$

$$R = 0.9997$$

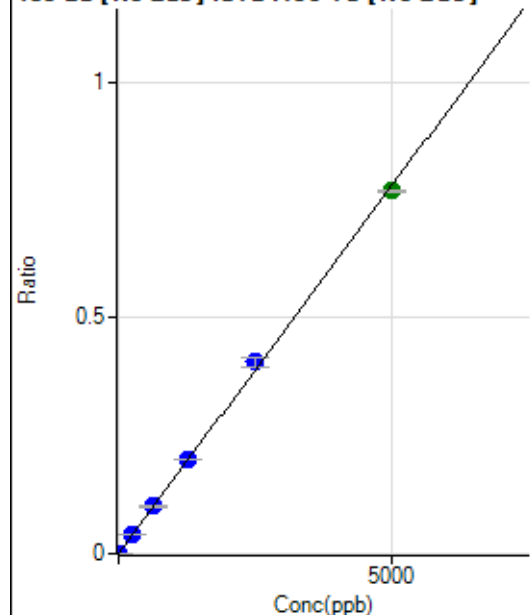
$$DL = 0.004873$$

$$BEC = 0.004784$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	32.1
2	☐	10.000	10.058	5826.39	0.0016	P	3.3
3	☐	250.000	255.443	145938.47	0.0399	P	2.7
4	☐	625.000	641.586	357533.03	0.1001	P	0.7
5	☐	1250.000	1281.081	688125.10	0.1999	P	1.7
6	☐	2500.000	2608.687	1324102.38	0.4069	P	4.8
7	☐	5000.000	4935.541	2588057.18	0.7699	A	0.6
8	☐			5429.01	0.0016	P	2.5

$$y = 1.5599E-004 * x + 1.3245E-005$$

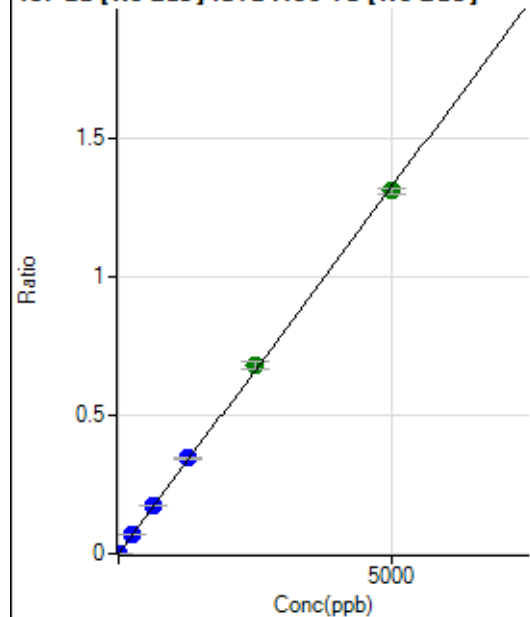
$$R = 0.9996$$

$$DL = 0.08172$$

$$BEC = 0.08491$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.33	0.0000	P	15.6
2	☐	10.000	10.308	10076.25	0.0027	P	8.3
3	☐	250.000	259.862	251801.51	0.0688	P	2.2
4	☐	625.000	646.438	611041.16	0.1711	P	0.5
5	☐	1250.000	1298.252	1182891.57	0.3435	P	0.8
6	☐	2500.000	2577.816	2219717.84	0.6821	A	4.1
7	☐	5000.000	4945.856	4399163.55	1.3087	A	1.5
8	☐			9542.52	0.0029	P	5.2

$$y = 2.6460E-004 * x + 1.5517E-005$$

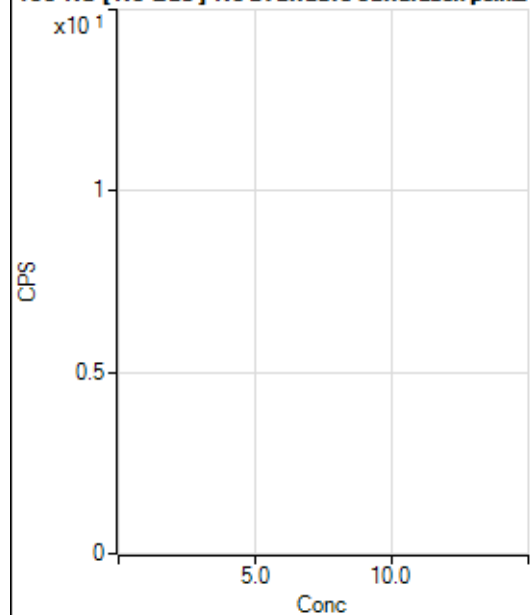
$$R = 0.9998$$

$$DL = 0.02737$$

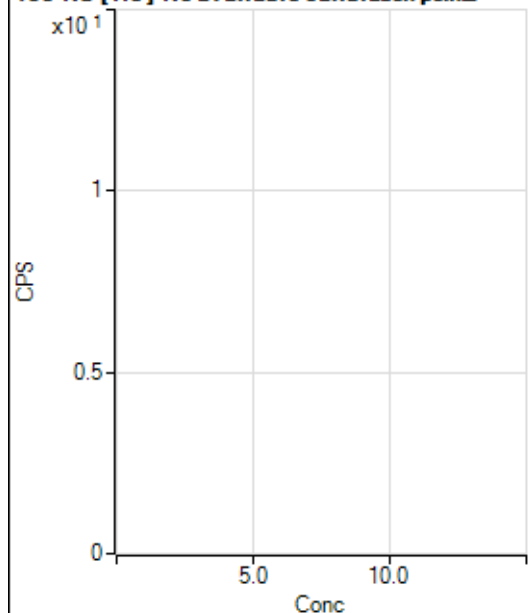
$$BEC = 0.05864$$

Weight: <None>

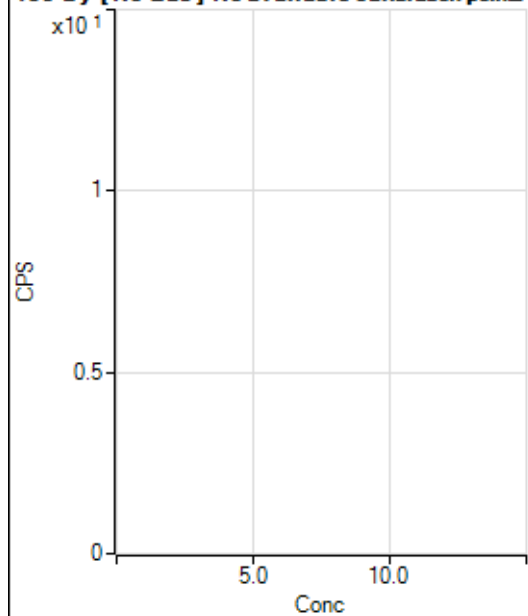
Min Conc: 0

150 Nd [No Gas] No available calibration points

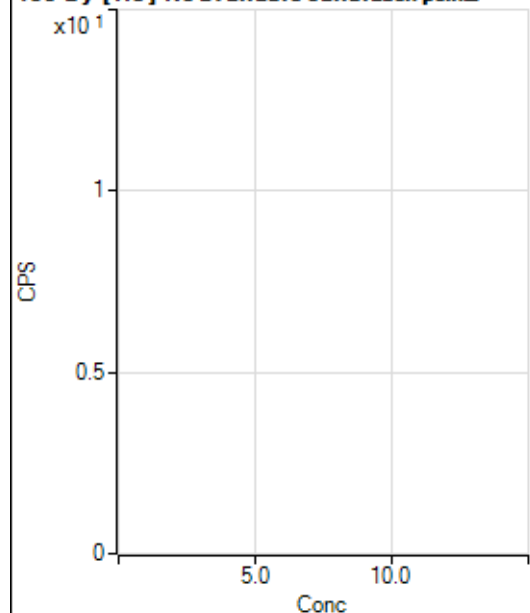
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	86.6
2	☐			11.11		P	69.3
3	☐			15.56		P	65.5
4	☐			28.89		P	26.6
5	☐			33.33		P	20.0
6	☐			51.11		P	49.4
7	☐			111.11		P	13.9
8	☐			15.56		P	65.5

150 Nd [He] No available calibration points

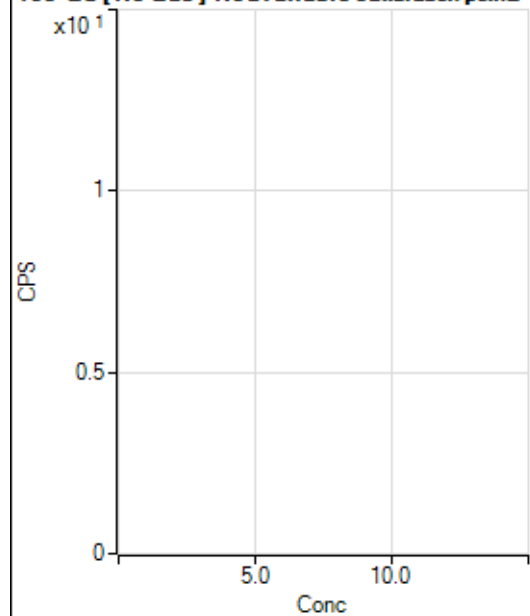
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			3.33		P	100.1
6	☐			8.89		P	78.1
7	☐			13.33		P	50.0
8	☐			5.55		P	69.3

156 Dy [No Gas] No available calibration points

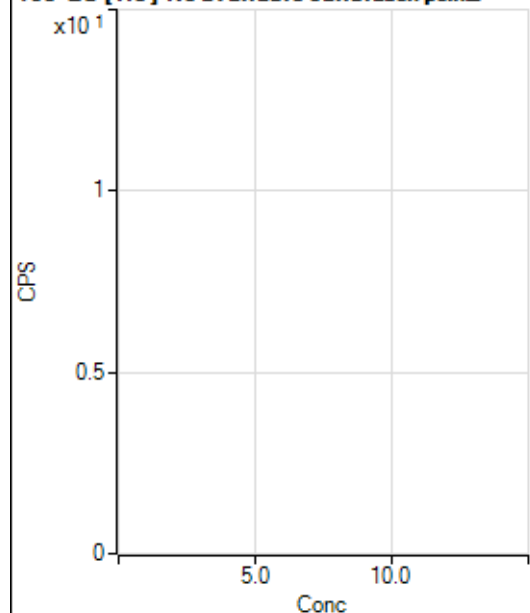
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	91.6
2	☐			13.89		P	69.3
3	☐			19.45		P	24.7
4	☐			27.78		P	45.8
5	☐			8.33		P	100.0
6	☐			44.45		P	39.0
7	☐			75.00		P	29.4
8	☐			161.12		P	28.5

156 Dy [He] No available calibration points

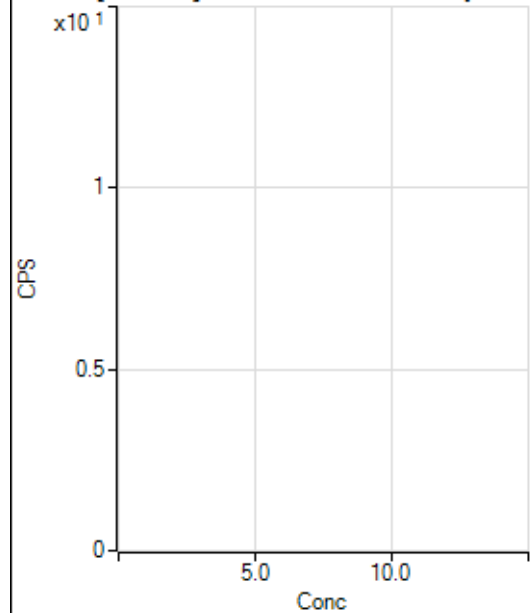
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			7.78		P	65.5
5	☐			8.89		P	21.6
6	☐			10.00		P	33.3
7	☐			38.89		P	17.8
8	☐			87.78		P	2.2

160 Gd [No Gas] Noavailable calibration poin_

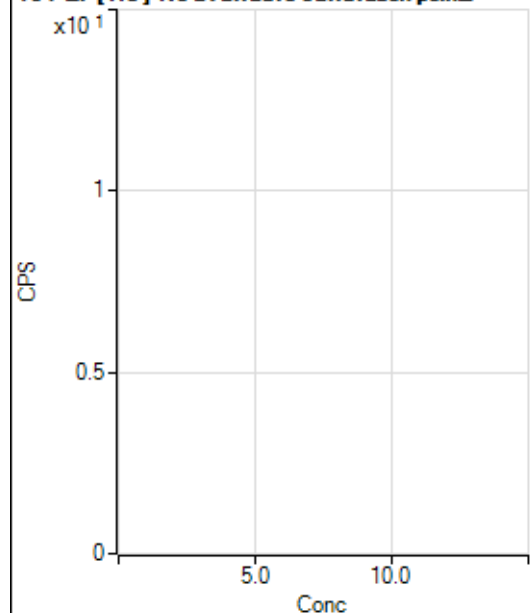
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22.22		P	114.6
2	☐			30.55		P	68.6
3	☐			30.56		P	56.8
4	☐			30.55		P	15.7
5	☐			41.67		P	20.0
6	☐			63.89		P	19.9
7	☐			66.67		P	50.0
8	☐			169.45		P	17.3

160 Gd [He] No available calibration points

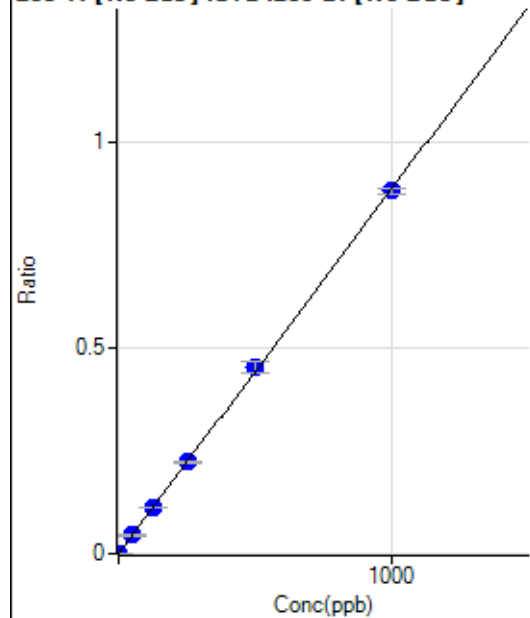
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.45		P	48.0
2	☐			12.22		P	41.7
3	☐			12.22		P	41.7
4	☐			18.89		P	44.4
5	☐			13.34		P	43.3
6	☐			12.22		P	41.7
7	☐			34.44		P	22.3
8	☐			111.11		P	27.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	65.5
2	☐			27.78		P	148.0
3	☐			11.11		P	86.6
4	☐			41.67		P	52.9
5	☐			30.55		P	15.7
6	☐			30.56		P	31.5
7	☐			19.45		P	24.7
8	☐			38.89		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	66.1
2	☐			6.67		P	50.0
3	☐			6.67		P	50.0
4	☐			6.66		P	86.6
5	☐			8.89		P	21.6
6	☐			11.11		P	34.6
7	☐			18.89		P	10.2
8	☐			13.33		P	43.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.45	0.0000	P	12.4
2	☐	1.000	0.913	1702.94	0.0009	P	7.3
3	☐	50.000	50.069	88400.99	0.0444	P	2.1
4	☐	125.000	125.431	214753.57	0.1111	P	0.3
5	☐	250.000	250.781	410686.89	0.2222	P	1.7
6	☐	500.000	509.129	788576.01	0.4510	P	6.2
7	☐	1000.000	995.183	1589880.85	0.8815	P	1.5
8	☐			1386.22	0.0008	P	4.5

$$y = 8.8577E-004 * x + 4.6279E-005$$

$$R = 0.9999$$

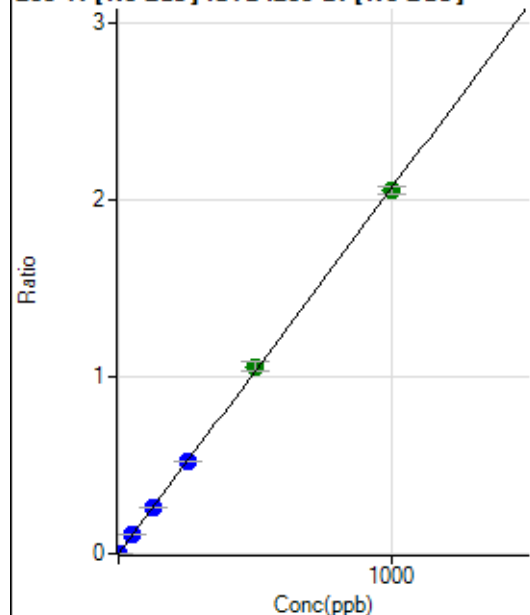
$$DL = 0.01938$$

$$BEC = 0.05225$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	186.12	0.0001	P	41.5
2	☐	1.000	1.004	4317.49	0.0022	P	7.2
3	☐	50.000	50.499	208185.25	0.1046	P	0.2
4	☐	125.000	126.985	507716.77	0.2628	P	0.8
5	☐	250.000	253.296	968737.03	0.5241	P	1.5
6	☐	500.000	511.953	1852946.37	1.0592	A	4.8
7	☐	1000.000	992.927	3704853.94	2.0541	A	2.1
8	☐			3500.58	0.0020	P	10.6

$$y = 0.0021 * x + 9.1623E-005$$

R = 0.9999

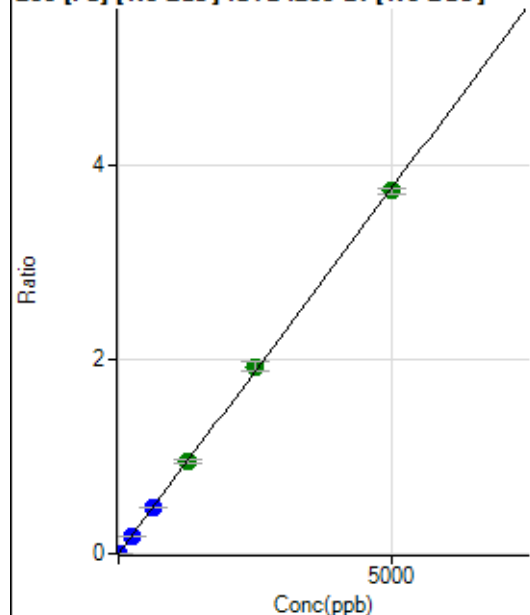
DL = 0.05517

BEC = 0.04429

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	161.12	0.0001	P	28.5
2	☐	1.000	0.964	1603.83	0.0008	P	6.1
3	☐	250.000	248.129	372096.06	0.1869	P	0.3
4	☐	625.000	623.501	907070.80	0.4695	P	1.2
5	☐	1250.000	1261.033	1754892.75	0.9495	A	2.5
6	☐	2500.000	2564.017	3376501.64	1.9304	A	5.3
7	☐	5000.000	4965.514	6742774.16	3.7384	A	1.5
8	☐			9785.33	0.0057	P	8.5

$$y = 7.5286E-004 * x + 7.9150E-005$$

R = 0.9999

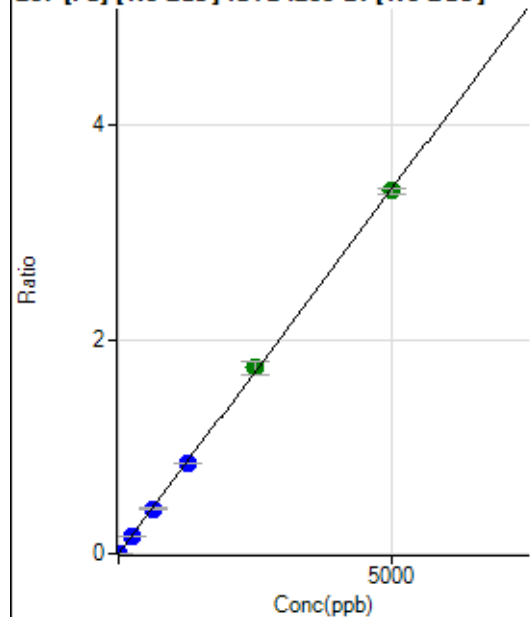
DL = 0.08975

BEC = 0.1051

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	140.75	0.0001	P	3.6
2	☐	1.000	0.916	1381.58	0.0007	P	1.7
3	☐	250.000	245.354	332163.40	0.1668	P	1.7
4	☐	625.000	618.806	812766.14	0.4207	P	1.0
5	☐	1250.000	1237.937	1555620.72	0.8415	P	0.5
6	☐	2500.000	2549.529	3029327.32	1.7330	A	6.9
7	☐	5000.000	4979.258	6104318.60	3.3845	A	1.6
8	☐			8671.60	0.0050	P	5.8

$$y = 6.7971\text{E-}004 * x + 6.9006\text{E-}005$$

$$R = 0.9999$$

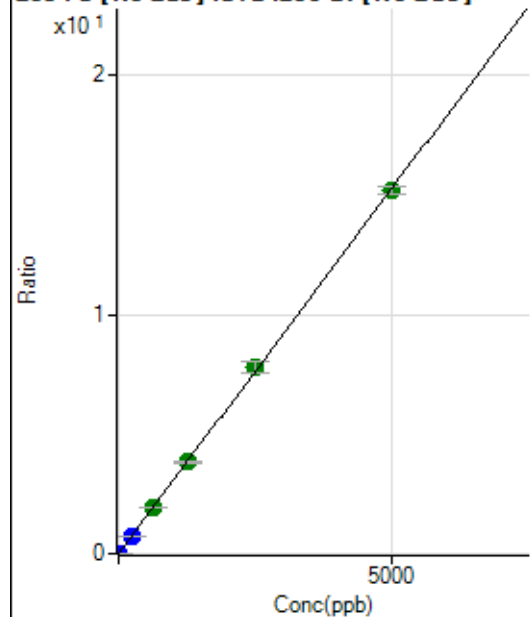
$$DL = 0.011$$

$$BEC = 0.1015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	629.66	0.0003	P	9.7
2	☐	1.000	0.934	6295.15	0.0032	P	5.2
3	☐	250.000	246.934	1499764.56	0.7533	P	0.5
4	☐	625.000	626.402	3690870.15	1.9103	A	1.4
5	☐	1250.000	1253.861	7068369.51	3.8236	A	0.5
6	☐	2500.000	2550.465	13596078.71	7.7772	A	6.6
7	☐	5000.000	4973.780	27356185.33	15.1665	A	2.1
8	☐			38888.10	0.0226	P	4.8

$$y = 0.0030 * x + 3.0893\text{E-}004$$

$$R = 0.9999$$

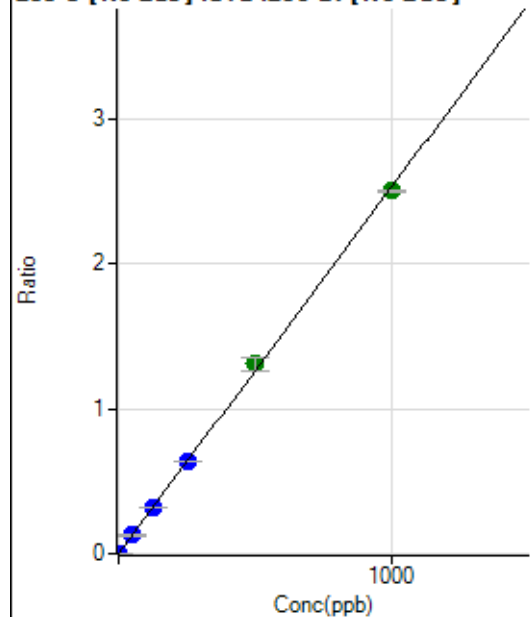
$$DL = 0.02943$$

$$BEC = 0.1013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.5
2	☐	1.000	0.977	4931.66	0.0025	P	3.2
3	☐	50.000	49.939	251011.50	0.1261	P	0.4
4	☐	125.000	124.472	607094.12	0.3142	P	0.7
5	☐	250.000	253.078	1180945.65	0.6389	P	1.1
6	☐	500.000	518.338	2287287.25	1.3085	A	7.0
7	☐	1000.000	990.131	4508091.12	2.4994	A	0.4
8	☐			1772.40	0.0010	P	21.4

$$y = 0.0025 * x + 6.8171E-006$$

$$R = 0.9997$$

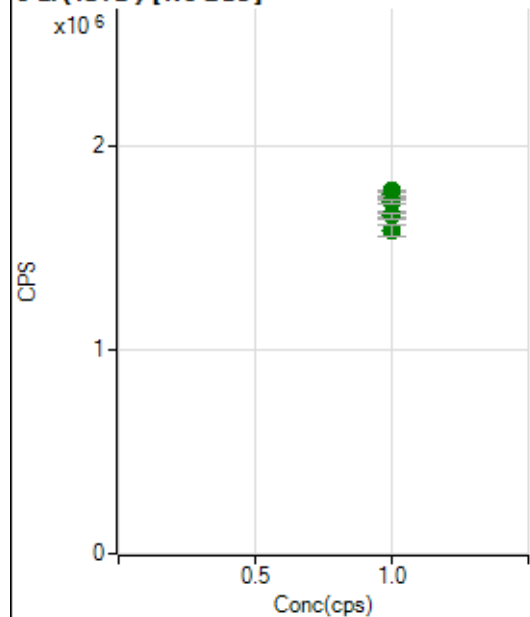
$$DL = 0.005633$$

$$BEC = 0.002701$$

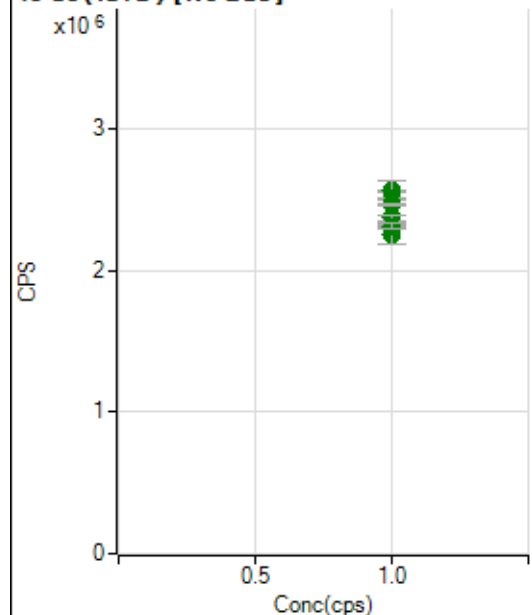
Weight: <None>

Min Conc: 0

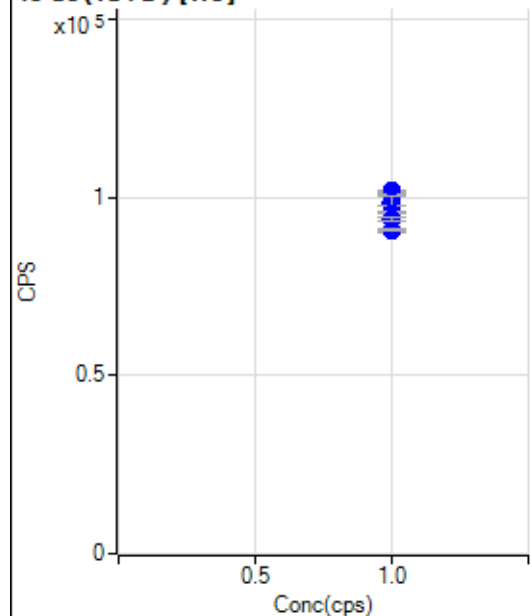
6 Li (ISTD) [No Gas]



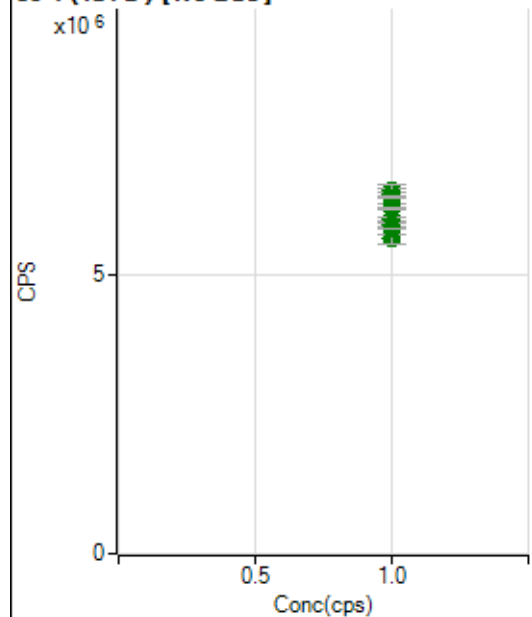
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1776231.78		A	0.4
2	☐	1.000		1749045.05		A	3.5
3	☐	1.000		1758510.68		A	1.2
4	☐	1.000		1750483.97		A	0.6
5	☐	1.000		1661323.62		A	1.4
6	☐	1.000		1582755.64		A	3.5
7	☐	1.000		1653224.07		A	1.4
8	☐	1.000		1720322.36		A	1.3

45 Sc (ISTD) [No Gas]

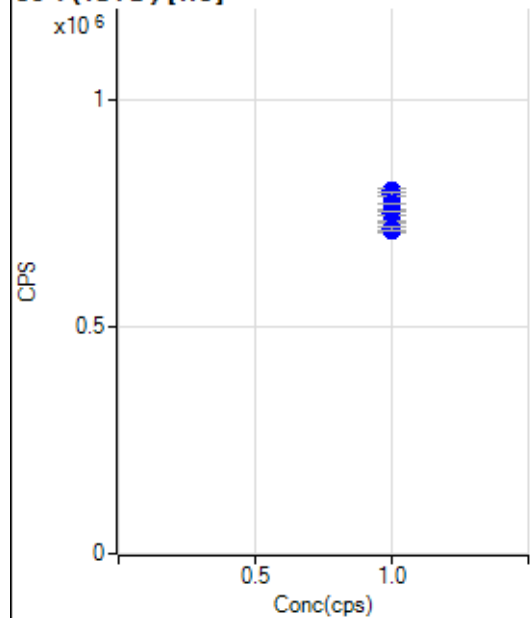
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2561002.60		A	1.0
2	☐	1.000		2564206.52		A	5.1
3	☐	1.000		2507958.26		A	1.0
4	☐	1.000		2469543.37		A	0.2
5	☐	1.000		2372476.02		A	2.2
6	☐	1.000		2249656.17		A	5.0
7	☐	1.000		2309075.85		A	1.0
8	☐	1.000		2315111.72		A	1.8

45 Sc (ISTD) [He]

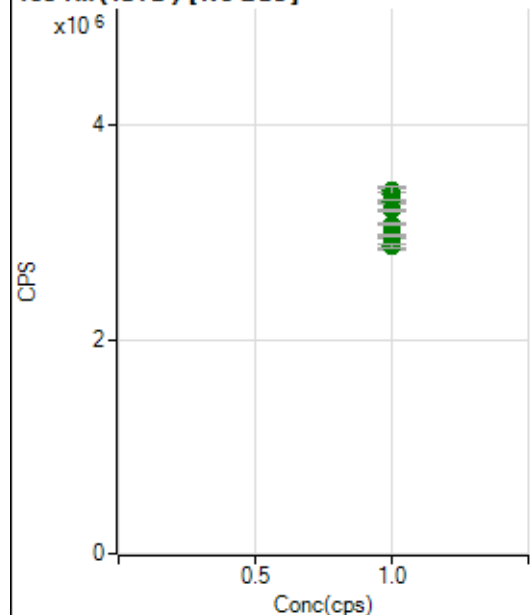
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		101909.15		P	0.9
2	☐	1.000		100788.91		P	0.3
3	☐	1.000		98350.95		P	4.7
4	☐	1.000		99099.23		P	2.4
5	☐	1.000		95770.93		P	0.7
6	☐	1.000		90724.97		P	1.0
7	☐	1.000		93981.18		P	1.0
8	☐	1.000		90991.15		P	0.3

89 Y (ISTD) [No Gas]

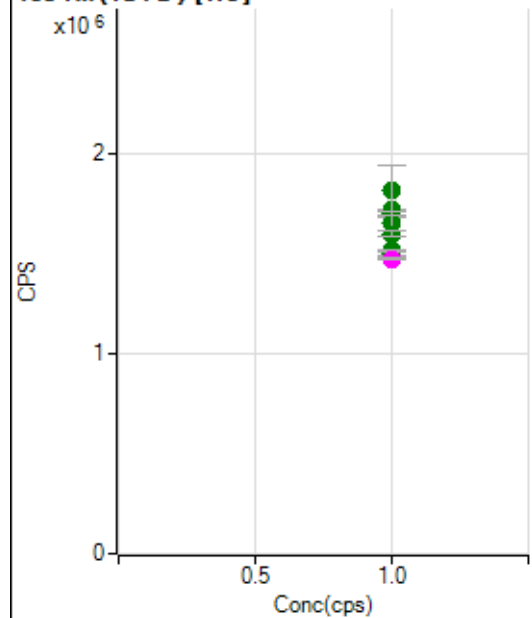
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6495504.21		A	0.9
2	☐	1.000		6432796.99		A	5.4
3	☐	1.000		6379202.89		A	0.8
4	☐	1.000		6186451.64		A	0.6
5	☐	1.000		5985238.18		A	0.8
6	☐	1.000		5634278.80		A	3.1
7	☐	1.000		5888621.85		A	1.1
8	☐	1.000		5812751.44		A	0.2

89 Y (ISTD) [He]

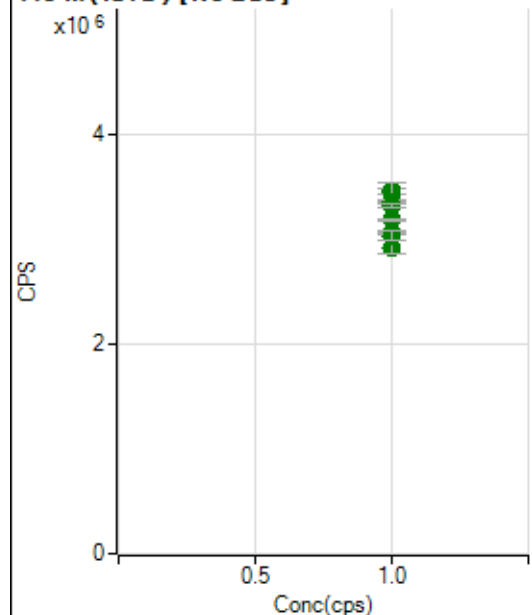
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		800221.57		P	1.1
2	☐	1.000		791803.93		P	0.9
3	☐	1.000		772290.02		P	3.9
4	☐	1.000		772981.20		P	0.2
5	☐	1.000		751666.33		P	0.9
6	☐	1.000		710719.36		P	0.8
7	☐	1.000		731866.67		P	0.2
8	☐	1.000		718282.98		P	1.2

103 Rh (ISTD) [No Gas]

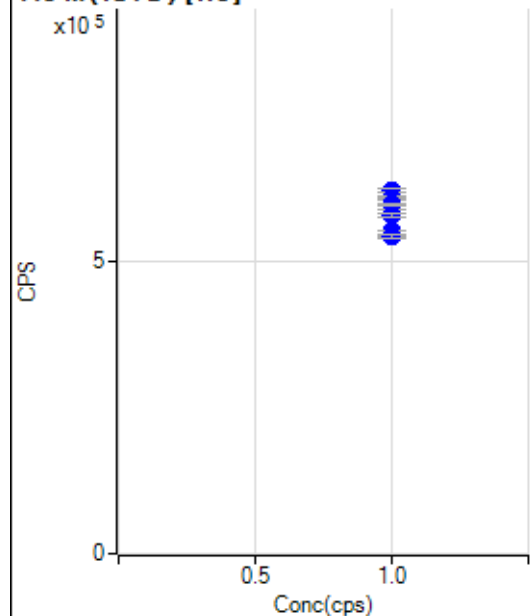
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3386436.01		A	1.1
2	☐	1.000		3357425.14		A	3.9
3	☐	1.000		3282395.17		A	1.0
4	☐	1.000		3207031.39		A	0.8
5	☐	1.000		3077627.91		A	1.1
6	☐	1.000		2891843.08		A	3.8
7	☐	1.000		2976256.82		A	0.6
8	☐	1.000		2874173.03		A	0.9

103 Rh (ISTD) [He]

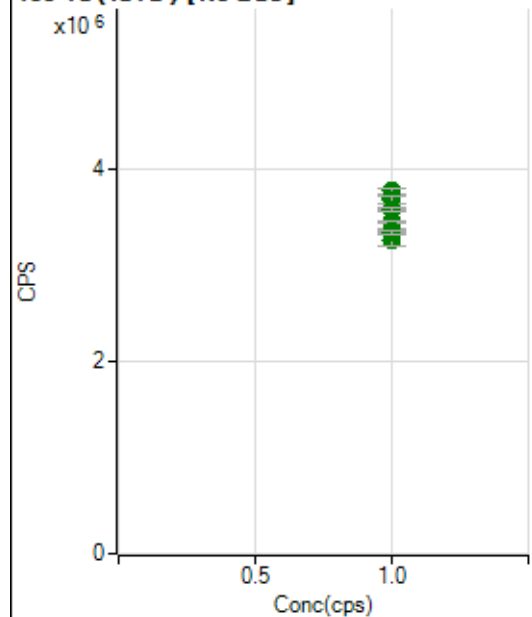
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1718499.70		A	0.1
2	☐	1.000		1695471.38		A	1.4
3	☐	1.000		1654025.81		A	4.5
4	☐	1.000		1810204.35		A	13.7
5	☐	1.000		1597187.13		A	1.9
6	☐	1.000		1494567.88		A	1.1
7	☐	1.000		1513478.88		A	0.6
8	☐	1.000		1471164.09		M	0.9

115 In (ISTD) [No Gas]

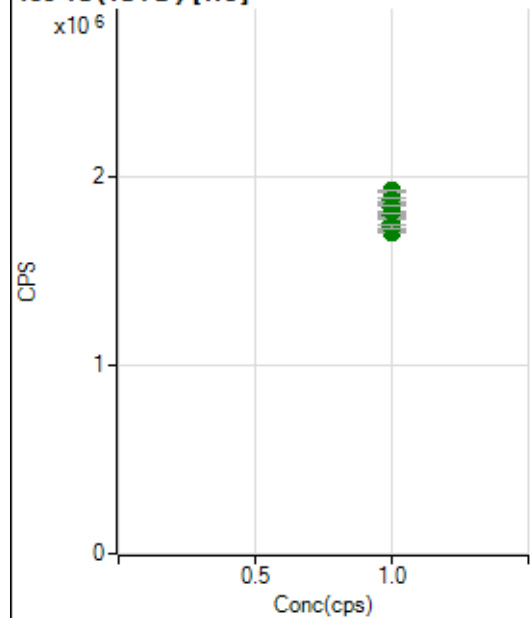
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3465324.52		A	1.8
2	☐	1.000		3444716.94		A	5.3
3	☐	1.000		3361288.96		A	1.2
4	☐	1.000		3329096.98		A	1.0
5	☐	1.000		3186827.92		A	0.8
6	☐	1.000		2928320.41		A	4.0
7	☐	1.000		3060315.22		A	0.8
8	☐	1.000		3038393.68		A	2.6

115 In (ISTD) [He]

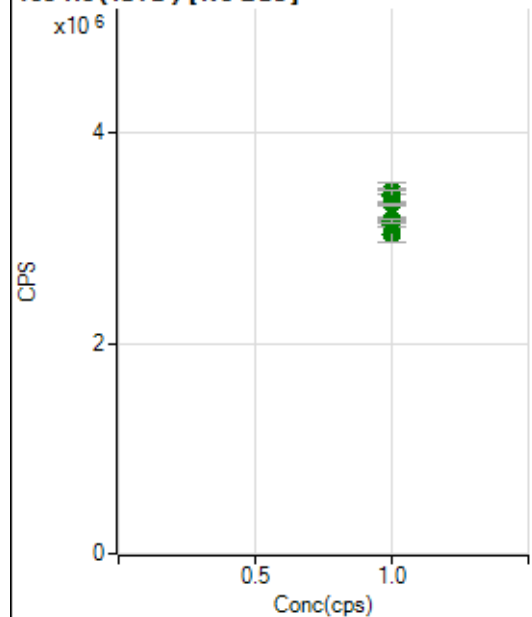
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		618787.99		P	1.0
2	☐	1.000		607968.87		P	1.0
3	☐	1.000		596874.34		P	3.8
4	☐	1.000		595997.20		P	0.6
5	☐	1.000		577706.90		P	1.4
6	☐	1.000		541213.77		P	0.6
7	☐	1.000		550385.61		P	0.3
8	☐	1.000		542452.99		P	1.1

159 Tb (ISTD) [No Gas]

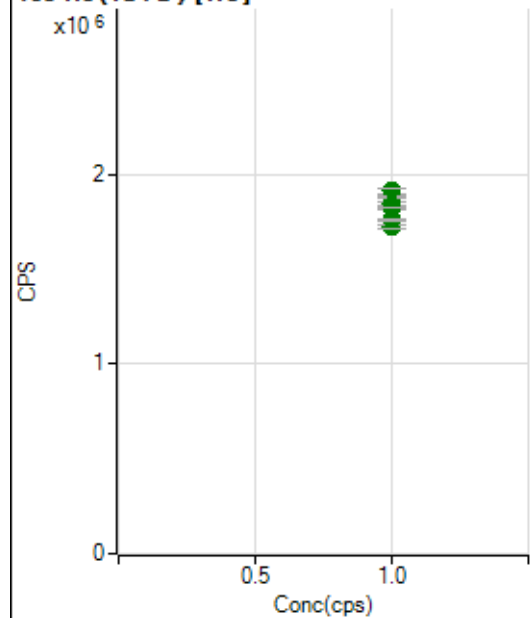
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3764499.49		A	1.3
2	☐	1.000		3685130.64		A	5.8
3	☐	1.000		3662329.04		A	2.2
4	☐	1.000		3572116.68		A	1.3
5	☐	1.000		3443475.85		A	1.1
6	☐	1.000		3257809.92		A	4.0
7	☐	1.000		3361456.34		A	1.1
8	☐	1.000		3324678.60		A	1.2

159 Tb (ISTD) [He]

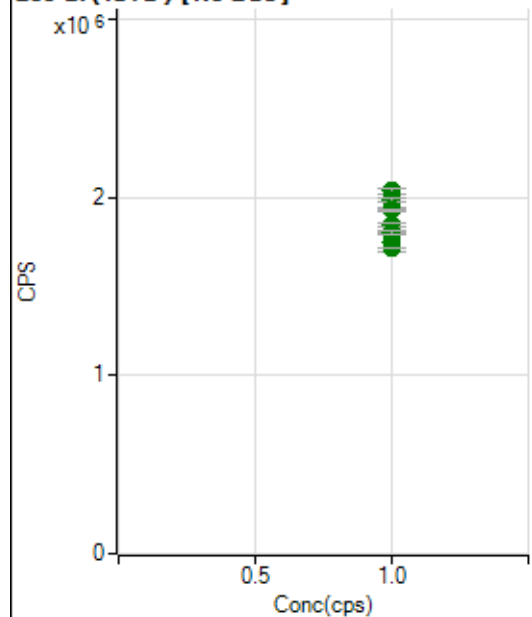
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1927573.91		A	0.3
2	☐	1.000		1876119.68		A	1.3
3	☐	1.000		1834535.20		A	4.2
4	☐	1.000		1834736.94		A	1.9
5	☐	1.000		1802047.35		A	1.2
6	☐	1.000		1708563.57		A	0.4
7	☐	1.000		1752346.52		A	2.4
8	☐	1.000		1734059.14		A	1.2

165 Ho (ISTD) [No Gas]

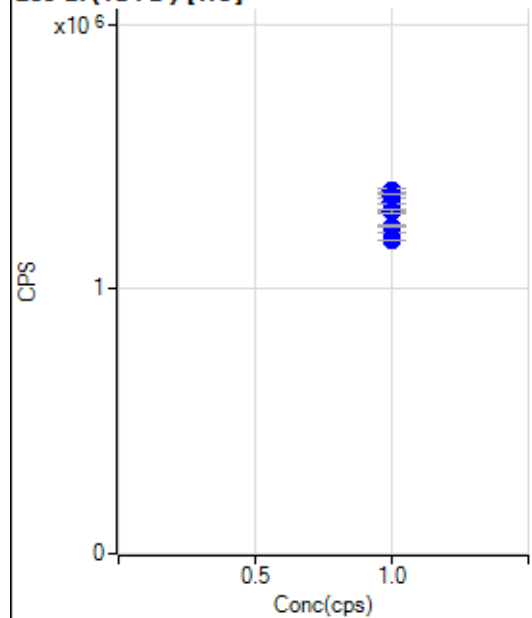
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3452893.74		A	1.7
2	☐	1.000		3423680.68		A	6.0
3	☐	1.000		3404986.21		A	3.0
4	☐	1.000		3325727.14		A	0.6
5	☐	1.000		3187537.38		A	1.1
6	☐	1.000		3032605.54		A	4.6
7	☐	1.000		3134331.56		A	1.6
8	☐	1.000		3160252.65		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1910676.59		A	1.4
2	☐	1.000		1869962.23		A	1.8
3	☐	1.000		1842863.36		A	3.4
4	☐	1.000		1828810.86		A	0.5
5	☐	1.000		1822300.11		A	0.3
6	☐	1.000		1722169.16		A	1.3
7	☐	1.000		1759379.73		A	0.6
8	☐	1.000		1758905.67		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2039210.39		A	1.4
2	☐	1.000		1996747.94		A	5.2
3	☐	1.000		1991079.15		A	0.9
4	☐	1.000		1932152.63		A	0.8
5	☐	1.000		1848696.29		A	1.4
6	☐	1.000		1752785.09		A	6.0
7	☐	1.000		1803618.79		A	1.3
8	☐	1.000		1717216.57		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1371723.73		P	1.0
2	☐	1.000		1353971.59		P	1.2
3	☐	1.000		1327039.36		P	4.6
4	☐	1.000		1323570.25		P	0.2
5	☐	1.000		1295974.03		P	1.4
6	☐	1.000		1214510.64		P	0.0
7	☐	1.000		1239492.61		P	0.2
8	☐	1.000		1184700.37		P	0.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\6020 P8121620M.b
Acq. Date-Time 2020-12-16 12:29:22
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		2232	22324.63			2.641	5.000
24		23659	236586.60			2.691	5.000
25		3125	31249.11			2.987	5.000
26		3585	35854.96			2.632	5.000
59		3634	36337.37			3.244	5.000
113		1596	15956.16			3.072	5.000
115		5205	52050.05			4.074	5.000
206		1733	17329.94			3.724	5.000
207		1454	14536.09			3.292	5.000
208		3537	35367.01			3.562	5.000
220		1	8.80			23.632	

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

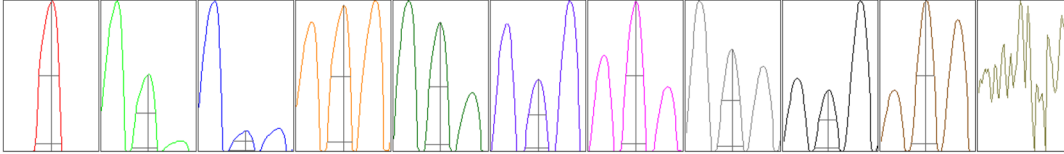
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2136	2267	2262	2218	2280
24	22671	23978	24065	23374	24205
25	2986	3186	3160	3077	3216
26	3438	3612	3616	3568	3694
59	3442	3673	3682	3617	3755
113	1522	1600	1621	1581	1654
115	4874	5226	5260	5201	5464
206	1632	1760	1749	1718	1806
207	1375	1458	1481	1453	1501
208	3359	3561	3615	3468	3680

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	3793.59	9.05	8.90 - 9.10	
24	40498.26	24.00	23.90 - 24.10	
25	5397.42	25.00	24.90 - 25.10	
26	6111.89	26.05	25.90 - 26.10	
59	6586.01	59.00	58.90 - 59.10	
113	3021.98	113.05	112.90 - 113.10	
115	9944.04	115.05	114.90 - 115.10	
206	3177.22	206.00	205.90 - 206.10	
207	2656.09	206.95	206.90 - 207.10	
208	6574.47	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.821	0.900	
24	0.62	0.796	0.900	
25	0.62	0.809	0.900	
26	0.63	0.787	0.900	
59	0.58	0.780	0.900	
113	0.55	0.737	0.900	
115	0.54	0.773	0.900	
206	0.57	0.823	0.900	
207	0.56	0.788	0.900	
208	0.56	0.805	0.900	
220	0.30			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.46 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	11.4 V	Deflect	14.8 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 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	150 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm

EM

Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		937	9366.56			1.512	
89		31141	311411.42			0.945	
205		1816	18163.20			1.409	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	931	930	938	924	961
89	30883	31184	31056	30956	31627
205	1808	1816	1790	1808	1859

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.46 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	11.4 V	Deflect	4.4 V

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 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	0.9990	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:03:01 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	-0.23	-0.48	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	0.00	-0.03	0.00	N/A	ppb
Barium	135-1	0.03	-0.03	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.05	0.07	0.00	N/A	ppb
Boron	11-1	0.02	0.05	-0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	1.07	-3.33	2.26	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.09	0.00	0.00	N/A	ppb
Calcium	43-1	-0.83	0.38	0.45	0.00	N/A	ppb
Calcium	44-1	0.66	0.55	-1.22	0.00	N/A	ppb
Chromium	52-2	0.06	0.01	-0.07	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.04	-0.04	0.00	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	0.15	-0.03	-0.12	0.00	N/A	ppb
Iron	56-2	-0.03	0.02	0.01	0.00	N/A	ppb
Iron	57-2	-1.39	2.09	-0.70	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:03:01	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-1.25	2.19	-0.95	0.00	N/A	ppb
Manganese	55-2	0.01	-0.06	0.05	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.04	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	0.05	0.00	N/A	ppb
Phosphorus	31-2	-79.24	55.67	7.23	-5.45		ppb
Potassium	39-2	0.26	6.14	-6.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-1.17	1.01	0.16	0.00	N/A	ppb
Selenium	77-2	0.64	2.81	-3.45	0.00	N/A	ppb
Selenium	78-2	0.04	0.39	-0.43	0.00	N/A	ppb
Silicon	28-1	7.18	-1.66	-5.53	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	-2.77	-3.20	5.96	0.00	N/A	ppb
Strontium	86-1	0.03	0.01	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	94.47	524.95	-299.74	106.56	387.09	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.02	0.02	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.03	0.02	0.00	N/A	ppb
Titanium	47-1	-0.09	-0.05	0.13	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:03:01	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.05	-0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.10	17.84	21.78	19.58	10.29	ppb
Antimony	121-1	1.84	2.05	2.22	2.04	9.34	ppb
Arsenic	75-2	1.11	1.14	1.07	1.11	3.52	ppb
Barium	135-1	10.07	9.71	10.39	10.06	3.36	ppb
Barium	137-1	9.66	9.97	11.29	10.31	8.39	ppb
Beryllium	9-1	1.06	0.96	1.14	1.05	8.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	18.40	22.43	24.56	21.80	14.34	ppb
Boron	11-1	19.39	21.98	25.08	22.15	12.87	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.14	1.21	1.18	3.07	ppb
Cadmium	106-1	5.25	-0.16	1.93	2.34	116.47	ppb
Cadmium	108-1	0.83	1.15	0.89	0.96	17.56	ppb
Calcium	43-1	464.87	498.48	526.44	496.60	6.21	ppb
Calcium	44-1	471.51	492.62	534.85	499.66	6.45	ppb
Chromium	52-2	2.03	2.18	2.19	2.14	4.34	ppb
Cobalt	59-2	1.04	1.00	1.05	1.03	2.71	ppb
Copper	63-2	2.22	1.85	2.29	2.12	11.20	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	53.85	55.89	57.37	55.70	3.17	ppb
Iron	56-2	52.76	51.28	53.28	52.44	1.98	ppb
Iron	57-2	50.15	49.02	55.20	51.45	6.39	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.95	1.04	0.96	6.80	ppb
Lead	207-1	0.93	0.93	0.90	0.92	1.92	ppb
Lead	208-1	0.89	0.93	0.99	0.93	5.72	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	530.01	508.41	510.73	516.39	2.30	ppb
Manganese	55-2	0.98	0.87	1.02	0.96	8.04	ppb
Molybdenum	94-1	5.10	5.34	5.28	5.24	2.39	ppb
Molybdenum	95-1	4.77	5.00	5.36	5.05	5.90	ppb
Molybdenum	96-1	4.91	4.87	5.11	4.96	2.67	ppb
Molybdenum	97-1	4.84	4.65	5.28	4.93	6.56	ppb
Molybdenum	98-1	5.00	5.06	5.51	5.19	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.00	0.89	1.02	14.82	ppb
Phosphorus	31-2	-26.01	38.55	3.81	5.45	592.97	ppb
Potassium	39-2	496.85	520.53	478.62	498.67	4.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	2.19	5.04	7.28	4.84	52.68	ppb
Selenium	77-2	-1.38	4.96	9.08	4.22	124.94	ppb
Selenium	78-2	6.98	5.72	4.51	5.74	21.49	ppb
Silicon	28-1	-11.47	-6.59	18.82	0.25	6387.76	ppb
Silver	109-1	0.97	0.90	1.08	0.98	9.53	ppb
Silver	107-1	1.03	0.94	1.15	1.04	10.07	ppb
Sodium	23-2	527.58	534.74	507.50	523.27	2.70	ppb
Strontium	86-1	1.16	0.84	1.54	1.18	29.75	ppb
Strontium	88-1	0.98	1.00	1.12	1.03	7.58	ppb
Sulfur	34-1	-1645.11	-349.44	1674.88	-106.56		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.86	0.89	0.99	0.91	7.67	ppb
Thallium	205-1	0.92	1.02	1.07	1.00	7.52	ppb
Tin	118-1	4.94	5.03	5.07	5.01	1.34	ppb
Titanium	47-1	4.64	4.40	5.52	4.85	12.19	ppb
Uranium	238-1	0.96	0.96	1.01	0.98	3.17	ppb
Vanadium	51-2	4.77	4.73	5.14	4.88	4.64	ppb
Yttrium	89-1				99		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	1.78	2.11	2.14	2.01	10.05	ppb
Zirconium	90-1	0.96	0.93	1.07	0.98	7.40	ppb
Zirconium	91-1	0.91	0.90	0.73	0.85	11.66	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:12:44 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1029.10	1015.19	1105.17	1049.82	4.61	ppb
Antimony	121-1	50.53	50.96	51.42	50.97	0.87	ppb
Arsenic	75-2	51.00	51.22	54.84	52.35	4.11	ppb
Barium	135-1	247.67	260.70	257.96	255.44	2.69	ppb
Barium	137-1	253.43	262.13	264.03	259.86	2.18	ppb
Beryllium	9-1	54.03	52.73	52.68	53.14	1.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	44.94	50.42	52.84	49.40	8.19	ppb
Boron	11-1	45.78	50.33	54.46	50.19	8.66	ppb
Bromine	81-1						cps
Cadmium	111-1	50.44	51.48	52.90	51.61	2.39	ppb
Cadmium	106-1	55.63	51.60	50.73	52.65	4.97	ppb
Cadmium	108-1	46.53	52.99	50.78	50.10	6.56	ppb
Calcium	43-1	5185.20	5096.35	5107.59	5129.71	0.94	ppb
Calcium	44-1	5213.87	5171.11	5184.78	5189.92	0.42	ppb
Chromium	52-2	51.34	49.52	54.94	51.93	5.31	ppb
Cobalt	59-2	52.29	50.66	56.09	53.02	5.26	ppb
Copper	63-2	528.01	515.55	567.59	537.05	5.06	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				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	2701.27	2641.34	2935.40	2759.34	5.63	ppb
Iron	56-2	2693.13	2606.24	2865.36	2721.57	4.85	ppb
Iron	57-2	2715.93	2629.88	2865.52	2737.11	4.36	ppb
Krypton	83-1						cps
Lead	206-1	247.39	248.58	248.42	248.13	0.26	ppb
Lead	207-1	241.32	249.53	245.21	245.35	1.67	ppb
Lead	208-1	245.44	248.07	247.29	246.93	0.55	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:12:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	5376.02	5231.78	5843.84	5483.88	5.83	ppb
Manganese	55-2	520.46	504.43	558.58	527.82	5.27	ppb
Molybdenum	94-1	262.30	251.15	260.82	258.09	2.35	ppb
Molybdenum	95-1	257.73	253.91	254.52	255.39	0.80	ppb
Molybdenum	96-1	259.08	251.71	255.24	255.34	1.44	ppb
Molybdenum	97-1	253.10	250.37	253.62	252.37	0.69	ppb
Molybdenum	98-1	255.64	251.70	253.87	253.74	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.27	49.62	57.34	53.41	7.23	ppb
Phosphorus	31-2	998.32	968.84	1049.19	1005.45	4.04	ppb
Potassium	39-2	2711.60	2587.73	2957.37	2752.23	6.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	50.65	51.78	49.31	50.58	2.44	ppb
Selenium	77-2	52.89	40.56	95.08	62.84	45.49	ppb
Selenium	78-2	50.29	54.48	52.89	52.55	4.02	ppb
Silicon	28-1	41.43	40.83	36.67	39.64	6.54	ppb
Silver	109-1	50.78	51.54	51.47	51.26	0.82	ppb
Silver	107-1	51.94	52.84	52.82	52.53	0.98	ppb
Sodium	23-2	5375.43	5187.27	5764.82	5442.50	5.41	ppb
Strontium	86-1	51.71	50.98	50.77	51.15	0.97	ppb
Strontium	88-1	51.78	51.19	51.93	51.63	0.76	ppb
Sulfur	34-1	1233.38	1050.97	1821.03	1368.46	29.41	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	50.38	50.93	48.89	50.07	2.11	ppb
Thallium	205-1	50.62	50.44	50.44	50.50	0.20	ppb
Tin	118-1	51.28	51.07	51.90	51.42	0.83	ppb
Titanium	47-1	253.20	255.67	253.79	254.22	0.51	ppb
Uranium	238-1	49.72	50.14	49.96	49.94	0.42	ppb
Vanadium	51-2	50.60	50.10	54.61	51.77	4.78	ppb
Yttrium	89-1				98		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:12:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	538.97	516.63	573.31	542.97	5.26	ppb
Zirconium	90-1	51.52	50.15	52.03	51.24	1.90	ppb
Zirconium	91-1	51.59	50.83	51.30	51.24	0.75	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:15:54 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2497.46	2527.95	2567.42	2530.95	1.39	ppb
Antimony	121-1	128.27	127.07	130.65	128.66	1.41	ppb
Arsenic	75-2	127.00	125.36	123.51	125.29	1.39	ppb
Barium	135-1	638.50	639.47	646.79	641.59	0.71	ppb
Barium	137-1	648.13	642.53	648.66	646.44	0.53	ppb
Beryllium	9-1	128.17	127.83	129.12	128.37	0.52	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	115.63	125.59	132.01	124.41	6.64	ppb
Boron	11-1	113.45	124.09	130.06	122.54	6.87	ppb
Bromine	81-1						cps
Cadmium	111-1	127.13	127.67	132.57	129.12	2.32	ppb
Cadmium	106-1	124.36	130.29	129.42	128.02	2.50	ppb
Cadmium	108-1	131.18	129.96	123.63	128.25	3.16	ppb
Calcium	43-1	12780.20	12694.39	12706.16	12726.91	0.37	ppb
Calcium	44-1	12758.28	12840.25	12681.50	12760.01	0.62	ppb
Chromium	52-2	123.83	125.80	129.45	126.36	2.26	ppb
Cobalt	59-2	125.85	126.00	131.81	127.89	2.66	ppb
Copper	63-2	1269.73	1284.07	1318.23	1290.67	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	6537.25	6667.23	6748.09	6650.86	1.60	ppb
Iron	56-2	6469.50	6595.63	6622.10	6562.41	1.24	ppb
Iron	57-2	6511.43	6524.90	6740.96	6592.43	1.95	ppb
Krypton	83-1						cps
Lead	206-1	626.92	615.18	628.40	623.50	1.16	ppb
Lead	207-1	624.22	611.61	620.59	618.81	1.05	ppb
Lead	208-1	628.79	616.60	633.82	626.40	1.41	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:15:54 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	12859.50	13212.60	13412.52	13161.54	2.13	ppb
Manganese	55-2	1247.82	1270.77	1301.58	1273.39	2.12	ppb
Molybdenum	94-1	652.13	633.54	642.57	642.75	1.45	ppb
Molybdenum	95-1	646.88	635.79	630.49	637.72	1.31	ppb
Molybdenum	96-1	654.73	635.44	636.40	642.19	1.69	ppb
Molybdenum	97-1	645.77	620.25	631.96	632.66	2.02	ppb
Molybdenum	98-1	646.92	632.29	634.28	637.83	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.46	130.48	131.22	129.06	2.43	ppb
Phosphorus	31-2	2364.56	2481.55	2353.78	2399.96	2.95	ppb
Potassium	39-2	6458.83	6546.26	6731.54	6578.88	2.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	130.13	127.99	129.17	129.10	0.83	ppb
Selenium	77-2	114.37	109.72	124.46	116.18	6.49	ppb
Selenium	78-2	130.48	130.98	132.67	131.38	0.88	ppb
Silicon	28-1	106.01	102.93	108.37	105.77	2.58	ppb
Silver	109-1	127.14	127.22	130.18	128.18	1.35	ppb
Silver	107-1	127.45	128.05	130.91	128.80	1.43	ppb
Sodium	23-2	13035.63	12930.67	13487.14	13151.15	2.25	ppb
Strontium	86-1	129.67	127.24	128.03	128.31	0.96	ppb
Strontium	88-1	130.35	128.66	128.49	129.17	0.80	ppb
Sulfur	34-1	3097.56	2702.57	2858.82	2886.31	6.89	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	125.89	125.02	125.38	125.43	0.35	ppb
Thallium	205-1	127.55	125.74	127.66	126.98	0.85	ppb
Tin	118-1	126.97	126.53	131.33	128.28	2.07	ppb
Titanium	47-1	630.26	626.93	632.10	629.76	0.42	ppb
Uranium	238-1	125.14	123.42	124.85	124.47	0.74	ppb
Vanadium	51-2	122.44	123.29	126.40	124.04	1.68	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:15:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1268.39	1299.03	1320.76	1296.06	2.03	ppb
Zirconium	90-1	128.43	127.37	127.98	127.93	0.42	ppb
Zirconium	91-1	126.80	125.35	126.71	126.29	0.64	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5053.92	5048.83	5186.00	5096.25	1.53	ppb
Antimony	121-1	254.72	256.07	260.39	257.06	1.15	ppb
Arsenic	75-2	252.71	253.85	258.36	254.97	1.17	ppb
Barium	135-1	1270.07	1267.18	1305.99	1281.08	1.69	ppb
Barium	137-1	1294.11	1290.42	1310.23	1298.25	0.81	ppb
Beryllium	9-1	254.74	260.51	263.82	259.69	1.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	226.78	261.66	271.64	253.36	9.30	ppb
Boron	11-1	226.98	255.41	271.41	251.26	8.96	ppb
Bromine	81-1						cps
Cadmium	111-1	258.50	253.60	254.99	255.69	0.99	ppb
Cadmium	106-1	256.52	260.72	263.71	260.32	1.39	ppb
Cadmium	108-1	257.87	255.08	255.20	256.05	0.62	ppb
Calcium	43-1	26089.80	25031.50	25314.83	25478.71	2.15	ppb
Calcium	44-1	26097.41	25210.24	25209.39	25505.68	2.01	ppb
Chromium	52-2	254.95	253.19	258.63	255.59	1.09	ppb
Cobalt	59-2	254.73	256.98	261.66	257.79	1.37	ppb
Copper	63-2	2619.14	2620.47	2683.06	2640.89	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	13303.66	13419.96	13768.32	13497.32	1.79	ppb
Iron	56-2	13079.48	13150.47	13343.72	13191.22	1.04	ppb
Iron	57-2	13341.68	13107.90	13763.82	13404.47	2.48	ppb
Krypton	83-1						cps
Lead	206-1	1246.16	1297.57	1239.37	1261.03	2.52	ppb
Lead	207-1	1234.56	1245.14	1234.11	1237.94	0.50	ppb
Lead	208-1	1251.53	1261.34	1248.72	1253.86	0.53	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	26390.96	25703.91	26311.55	26135.47	1.44	ppb
Manganese	55-2	2538.47	2567.27	2596.26	2567.33	1.13	ppb
Molybdenum	94-1	1274.27	1287.59	1283.32	1281.73	0.53	ppb
Molybdenum	95-1	1277.94	1278.00	1258.28	1271.41	0.89	ppb
Molybdenum	96-1	1279.74	1289.73	1255.83	1275.10	1.37	ppb
Molybdenum	97-1	1267.65	1274.60	1248.41	1263.55	1.07	ppb
Molybdenum	98-1	1279.45	1268.46	1246.45	1264.79	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.09	253.55	259.60	256.41	1.19	ppb
Phosphorus	31-2	5258.09	5245.48	5155.30	5219.62	1.07	ppb
Potassium	39-2	13211.52	13291.50	13366.33	13289.79	0.58	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	257.86	251.62	260.25	256.58	1.74	ppb
Selenium	77-2	232.89	271.69	289.50	264.69	10.94	ppb
Selenium	78-2	244.56	254.78	258.67	252.67	2.88	ppb
Silicon	28-1	228.03	218.14	235.66	227.28	3.87	ppb
Silver	109-1	255.38	254.47	256.59	255.48	0.42	ppb
Silver	107-1	261.80	256.43	261.92	260.05	1.21	ppb
Sodium	23-2	26009.80	25830.10	26555.38	26131.76	1.45	ppb
Strontium	86-1	253.15	253.61	254.01	253.59	0.17	ppb
Strontium	88-1	256.25	250.50	255.72	254.15	1.25	ppb
Sulfur	34-1	7049.95	5603.51	5778.65	6144.04	12.85	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	253.40	253.15	245.79	250.78	1.72	ppb
Thallium	205-1	252.93	257.14	249.81	253.30	1.45	ppb
Tin	118-1	259.81	251.34	259.84	257.00	1.91	ppb
Titanium	47-1	1296.07	1231.64	1229.87	1252.52	3.01	ppb
Uranium	238-1	252.80	256.08	250.35	253.08	1.13	ppb
Vanadium	51-2	251.89	251.10	255.63	252.87	0.96	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	2595.54	2575.13	2640.23	2603.63	1.28	ppb
Zirconium	90-1	257.70	255.14	256.55	256.46	0.50	ppb
Zirconium	91-1	251.04	254.61	256.67	254.11	1.12	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:22:00 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10325.34	10159.68	10012.52	10165.84	1.54	ppb
Antimony	121-1	505.59	506.64	545.78	519.34	4.41	ppb
Arsenic	75-2	500.07	507.15	498.09	501.77	0.95	ppb
Barium	135-1	2539.66	2533.30	2753.10	2608.69	4.80	ppb
Barium	137-1	2546.65	2489.98	2696.82	2577.82	4.15	ppb
Beryllium	9-1	502.00	520.73	543.22	521.98	3.95	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	460.59	512.83	570.19	514.54	10.65	ppb
Boron	11-1	459.22	508.55	568.56	512.11	10.69	ppb
Bromine	81-1						cps
Cadmium	111-1	504.11	496.24	540.73	513.70	4.62	ppb
Cadmium	106-1	501.72	491.44	550.88	514.68	6.17	ppb
Cadmium	108-1	497.32	492.79	555.35	515.15	6.77	ppb
Calcium	43-1	50279.99	50143.33	55394.22	51939.18	5.76	ppb
Calcium	44-1	49496.99	49696.85	54133.63	51109.16	5.13	ppb
Chromium	52-2	510.22	504.32	499.01	504.52	1.11	ppb
Cobalt	59-2	509.02	511.48	504.37	508.29	0.71	ppb
Copper	63-2	5138.41	5044.91	5056.26	5079.86	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	54-2	27052.81	26933.76	26389.73	26792.10	1.32	ppb
Iron	56-2	26420.72	26022.44	25928.98	26124.05	1.00	ppb
Iron	57-2	26617.35	26641.81	26271.83	26510.33	0.78	ppb
Krypton	83-1						cps
Lead	206-1	2455.12	2521.61	2715.32	2564.02	5.27	ppb
Lead	207-1	2390.34	2518.95	2739.30	2549.53	6.92	ppb
Lead	208-1	2414.83	2498.07	2738.50	2550.47	6.59	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:22:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	51810.70	51311.11	50651.18	51257.66	1.13	ppb
Manganese	55-2	5230.43	5098.08	5037.67	5122.06	1.92	ppb
Molybdenum	94-1	2511.58	2563.66	2740.37	2605.20	4.60	ppb
Molybdenum	95-1	2515.63	2545.59	2687.20	2582.81	3.55	ppb
Molybdenum	96-1	2534.04	2519.02	2689.29	2580.79	3.65	ppb
Molybdenum	97-1	2500.67	2558.07	2713.15	2590.63	4.24	ppb
Molybdenum	98-1	2466.06	2554.47	2709.61	2576.71	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.37	505.88	501.98	507.41	1.25	ppb
Phosphorus	31-2	10196.39	10219.51	10103.36	10173.09	0.60	ppb
Potassium	39-2	26858.19	26578.78	26338.20	26591.72	0.98	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	505.94	507.59	547.57	520.37	4.53	ppb
Selenium	77-2	492.32	473.93	496.47	487.58	2.46	ppb
Selenium	78-2	508.58	495.56	510.41	504.85	1.60	ppb
Silicon	28-1	450.81	469.86	577.65	499.44	13.70	ppb
Silver	109-1	500.66	503.27	543.52	515.81	4.66	ppb
Silver	107-1	507.32	501.71	549.32	519.45	5.01	ppb
Sodium	23-2	52106.00	51839.14	51791.37	51912.17	0.33	ppb
Strontium	86-1	502.92	512.04	536.55	517.17	3.36	ppb
Strontium	88-1	495.42	508.28	539.64	514.45	4.42	ppb
Sulfur	34-1	10867.93	9932.21	14364.99	11721.71	19.93	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	487.29	494.56	545.54	509.13	6.23	ppb
Thallium	205-1	492.56	503.89	539.41	511.95	4.77	ppb
Tin	118-1	507.88	504.00	541.50	517.79	3.98	ppb
Titanium	47-1	2461.75	2469.13	2739.86	2556.91	6.20	ppb
Uranium	238-1	483.87	515.04	556.11	518.34	6.99	ppb
Vanadium	51-2	507.95	503.20	493.55	501.57	1.46	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:22:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	5093.00	5124.79	5055.39	5091.06	0.68	ppb
Zirconium	90-1	496.50	510.30	538.39	515.06	4.15	ppb
Zirconium	91-1	497.87	506.42	545.07	516.45	4.87	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:24:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20005.56	20253.04	20235.71	20164.77	0.69	ppb
Antimony	121-1	986.46	978.90	998.82	988.06	1.02	ppb
Arsenic	75-2	994.97	1002.22	995.96	997.72	0.39	ppb
Barium	135-1	4909.85	4928.07	4968.70	4935.54	0.61	ppb
Barium	137-1	4875.69	4939.44	5022.44	4945.86	1.49	ppb
Beryllium	9-1	972.35	1004.42	981.25	986.01	1.68	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	918.11	1015.80	1042.32	992.07	6.59	ppb
Boron	11-1	915.41	1021.65	1044.93	994.00	6.95	ppb
Bromine	81-1						cps
Cadmium	111-1	984.44	984.12	1004.84	991.13	1.20	ppb
Cadmium	106-1	987.26	975.49	1005.96	989.57	1.55	ppb
Cadmium	108-1	987.02	978.25	1006.23	990.50	1.44	ppb
Calcium	43-1	99238.09	102800.21	101734.78	101257.69	1.81	ppb
Calcium	44-1	99417.21	101995.02	101440.81	100951.01	1.34	ppb
Chromium	52-2	988.42	1000.39	999.43	996.08	0.67	ppb
Cobalt	59-2	983.02	997.05	1000.12	993.40	0.92	ppb
Copper	63-2	9928.73	9884.88	9940.11	9917.91	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	54-2	53117.97	53759.30	53087.07	53321.45	0.71	ppb
Iron	56-2	50910.17	51027.13	52060.67	51332.66	1.23	ppb
Iron	57-2	51980.86	52426.93	52927.11	52444.97	0.90	ppb
Krypton	83-1						cps
Lead	206-1	4885.03	5037.20	4974.31	4965.51	1.54	ppb
Lead	207-1	4902.93	5063.32	4971.52	4979.26	1.62	ppb
Lead	208-1	4856.84	5055.36	5009.14	4973.78	2.09	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:24:59 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	100249.36	101921.63	100367.97	100846.32	0.93	ppb
Manganese	55-2	9879.78	9933.21	9940.48	9917.82	0.33	ppb
Molybdenum	94-1	4887.64	5007.49	4915.41	4936.85	1.27	ppb
Molybdenum	95-1	4898.99	4977.02	4978.14	4951.38	0.92	ppb
Molybdenum	96-1	4930.97	4972.85	4948.93	4950.92	0.42	ppb
Molybdenum	97-1	4929.98	5004.03	4916.65	4950.22	0.95	ppb
Molybdenum	98-1	4950.12	5006.83	4911.52	4956.16	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.88	992.78	1003.38	994.01	0.89	ppb
Phosphorus	31-2	19955.33	19929.96	19727.06	19870.78	0.63	ppb
Potassium	39-2	51893.48	52166.81	51958.36	52006.22	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	979.11	987.59	996.19	987.63	0.86	ppb
Selenium	77-2	949.27	1042.60	1017.14	1003.00	4.81	ppb
Selenium	78-2	1000.97	993.37	993.59	995.98	0.43	ppb
Silicon	28-1	940.93	1040.01	1046.00	1008.98	5.85	ppb
Silver	109-1	1003.06	968.58	999.15	990.26	1.91	ppb
Silver	107-1	972.07	979.61	1009.81	987.16	2.02	ppb
Sodium	23-2	102870.40	102600.29	103526.16	102998.95	0.46	ppb
Strontium	86-1	979.02	1003.23	987.89	990.05	1.24	ppb
Strontium	88-1	985.60	997.47	990.34	991.14	0.60	ppb
Sulfur	34-1	18670.71	19668.64	18019.93	18786.42	4.42	ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	985.98	1012.95	986.61	995.18	1.55	ppb
Thallium	205-1	973.36	1014.73	990.68	992.93	2.09	ppb
Tin	118-1	980.19	986.36	1000.07	988.87	1.03	ppb
Titanium	47-1	4980.57	4944.96	4984.78	4970.11	0.44	ppb
Uranium	238-1	993.37	985.58	991.44	990.13	0.41	ppb
Vanadium	51-2	993.19	995.08	1007.32	998.53	0.77	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:24:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	9794.95	9971.90	10001.56	9922.81	1.13	ppb
Zirconium	90-1	981.43	991.16	998.69	990.43	0.87	ppb
Zirconium	91-1	980.08	997.28	994.22	990.53	0.93	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101545.45	99421.70	98865.98	99944.38	1.41	ppb
Antimony	121-1	1.13	1.11	1.05	1.10	3.65	ppb
Arsenic	75-2	0.47	0.41	0.44	0.44	6.42	ppb
Barium	135-1	10.08	10.59	10.48	10.38	2.55	ppb
Barium	137-1	11.11	11.11	10.13	10.78	5.26	ppb
Beryllium	9-1	0.86	0.75	0.53	0.71	23.57	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	160.20	146.54	136.21	147.65	8.15	ppb
Boron	11-1	159.36	140.91	130.14	143.47	10.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.72	0.87	0.65	0.75	14.99	ppb
Cadmium	106-1	1.39	1.17	4.80	2.45	82.98	ppb
Cadmium	108-1	2.58	1.82	1.55	1.98	26.88	ppb
Calcium	43-1	490621.70	500002.82	507946.40	499523.64	1.74	ppb
Calcium	44-1	486049.55	500757.69	512188.36	499665.20	2.62	ppb
Chromium	52-2	9.46	9.09	9.16	9.24	2.13	ppb
Cobalt	59-2	1.91	1.98	1.77	1.89	5.81	ppb
Copper	63-2	7.81	7.94	7.59	7.78	2.28	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				92		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	54-2	246921.32	251326.50	249034.23	249094.02	0.88	ppb
Iron	56-2	250251.63	250530.03	247947.76	249576.48	0.57	ppb
Iron	57-2	247843.77	251411.82	248655.86	249303.82	0.75	ppb
Krypton	83-1						cps
Lead	206-1	8.20	7.08	7.11	7.46	8.58	ppb
Lead	207-1	7.71	7.42	6.86	7.33	5.86	ppb
Lead	208-1	7.71	7.26	7.00	7.32	4.92	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	498895.70	505683.12	494301.59	499626.80	1.15	ppb
Manganese	55-2	11.37	10.74	11.00	11.04	2.84	ppb
Molybdenum	94-1	3.74	3.52	2.98	3.41	11.44	ppb
Molybdenum	95-1	3.86	3.83	3.25	3.65	9.33	ppb
Molybdenum	96-1	4.33	3.99	3.48	3.94	10.87	ppb
Molybdenum	97-1	4.23	3.61	3.14	3.66	14.84	ppb
Molybdenum	98-1	4.19	3.65	3.33	3.72	11.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.91	7.06	6.66	6.88	2.95	ppb
Phosphorus	31-2	-13.59	19.23	0.25	1.96	838.87	ppb
Potassium	39-2	250671.17	249838.64	247658.25	249389.35	0.62	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	3.65	-2.71	0.14	0.36	884.15	ppb
Selenium	77-2	-3.45	-3.45	-1.13	-2.68		ppb
Selenium	78-2	2.28	4.95	0.82	2.68	78.04	ppb
Silicon	28-1	133.93	147.45	163.47	148.29	9.97	ppb
Silver	109-1	0.79	0.67	0.65	0.70	10.78	ppb
Silver	107-1	0.86	0.73	0.66	0.75	13.95	ppb
Sodium	23-2	496478.93	505517.98	495398.13	499131.68	1.11	ppb
Strontium	86-1	6.48	5.55	5.50	5.84	9.42	ppb
Strontium	88-1	5.77	5.60	5.54	5.64	2.10	ppb
Sulfur	34-1	308.88	56.94	1409.02	591.61	121.53	ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.90	0.87	0.81	0.86	4.80	ppb
Thallium	205-1	1.02	0.98	0.82	0.94	11.09	ppb
Tin	118-1	0.79	0.66	0.58	0.67	15.78	ppb
Titanium	47-1	2.29	2.20	1.34	1.95	27.06	ppb
Uranium	238-1	0.50	0.39	0.32	0.41	21.54	ppb
Vanadium	51-2	0.24	0.31	0.34	0.30	18.01	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	21.24	22.49	23.18	22.30	4.40	ppb
Zirconium	90-1	0.63	0.55	0.45	0.55	16.62	ppb
Zirconium	91-1	0.64	0.51	0.30	0.48	36.08	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:53:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	543.71	472.41	453.44	489.85	9.72	ppb
Antimony	121-1	201.85	204.97	203.05	203.29	0.77	ppb
Arsenic	75-2	218.53	186.92	176.41	193.95	11.30	ppb
Barium	135-1	105.71	105.83	107.72	106.42	1.06	ppb
Barium	137-1	105.49	106.50	106.74	106.24	0.63	ppb
Beryllium	9-1	102.13	102.65	102.43	102.41	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	745.28	761.54	755.83	754.22	1.09	ppb
Boron	11-1	740.46	749.51	771.61	753.86	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	103.22	105.20	103.88	104.10	0.97	ppb
Cadmium	106-1	164.65	151.48	159.93	158.69	4.21	ppb
Cadmium	108-1	140.31	143.50	139.70	141.17	1.45	ppb
Calcium	43-1	2120.91	2228.30	2151.62	2166.94	2.55	ppb
Calcium	44-1	2063.15	2155.04	2127.36	2115.18	2.23	ppb
Chromium	52-2	109.63	94.37	88.81	97.60	11.04	ppb
Cobalt	59-2	113.60	94.52	90.58	99.57	12.37	ppb
Copper	63-2	112.84	94.56	91.25	99.55	11.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	2339.17	2023.60	1902.10	2088.29	10.80	ppb
Iron	56-2	2242.41	1930.26	1798.93	1990.54	11.44	ppb
Iron	57-2	2280.43	1924.29	1817.76	2007.49	12.07	ppb
Krypton	83-1						cps
Lead	206-1	193.08	194.86	193.21	193.72	0.51	ppb
Lead	207-1	176.33	178.57	177.28	177.39	0.63	ppb
Lead	208-1	184.62	188.08	186.63	186.44	0.93	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:53:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	1323.70	1134.21	1045.81	1167.91	12.16	ppb
Manganese	55-2	112.68	96.36	90.27	99.77	11.62	ppb
Molybdenum	94-1	2546.78	2502.80	2535.19	2528.26	0.90	ppb
Molybdenum	95-1	2524.89	2479.61	2535.16	2513.22	1.18	ppb
Molybdenum	96-1	2499.86	2484.19	2555.55	2513.20	1.49	ppb
Molybdenum	97-1	2464.62	2453.05	2513.94	2477.20	1.31	ppb
Molybdenum	98-1	2449.52	2421.09	2496.89	2455.83	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.95	96.70	90.82	100.49	11.96	ppb
Phosphorus	31-2	8.67	-23.07	-6.42	-6.94		ppb
Potassium	39-2	2202.28	1830.99	1749.91	1927.73	12.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	213.12	209.18	216.50	212.93	1.72	ppb
Selenium	77-2	187.41	219.73	188.97	198.70	9.17	ppb
Selenium	78-2	219.73	206.17	180.37	202.09	9.89	ppb
Silicon	28-1	242.18	260.10	265.21	255.83	4.73	ppb
Silver	109-1	49.63	49.87	51.11	50.20	1.58	ppb
Silver	107-1	50.96	50.76	50.61	50.78	0.34	ppb
Sodium	23-2	2310.82	1926.01	1807.37	2014.73	13.06	ppb
Strontium	86-1	522.12	520.75	525.98	522.95	0.52	ppb
Strontium	88-1	512.16	522.12	519.15	517.81	0.99	ppb
Sulfur	34-1	-1617.14	-634.89	-1041.86	-1097.96		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	200.19	202.36	198.96	200.51	0.86	ppb
Thallium	205-1	202.41	203.84	201.31	202.52	0.63	ppb
Tin	118-1	506.77	501.32	505.63	504.57	0.57	ppb
Titanium	47-1	2408.74	2524.41	2502.37	2478.50	2.48	ppb
Uranium	238-1	500.07	518.34	512.12	510.18	1.82	ppb
Vanadium	51-2	106.63	90.17	86.19	94.33	11.48	ppb
Yttrium	89-1				94		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:53:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	222.36	189.84	178.27	196.83	11.61	ppb
Zirconium	90-1	506.98	508.64	519.53	511.72	1.33	ppb
Zirconium	91-1	513.03	518.65	522.61	518.10	0.93	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:11:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.02	21.43	21.77	21.74	1.36	ppb
Antimony	121-1	1.85	1.89	1.87	1.87	1.11	ppb
Arsenic	75-2	0.83	0.90	0.90	0.88	4.68	ppb
Barium	135-1	9.16	9.84	9.00	9.33	4.76	ppb
Barium	137-1	9.46	10.08	9.77	9.77	3.18	ppb
Beryllium	9-1	1.04	1.02	1.10	1.05	3.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	23.54	27.79	28.71	26.68	10.32	ppb
Boron	11-1	22.11	26.66	28.42	25.73	12.66	ppb
Bromine	81-1						cps
Cadmium	111-1	1.21	1.23	1.14	1.19	3.91	ppb
Cadmium	106-1	2.58	-0.31	2.26	1.51	105.16	ppb
Cadmium	108-1	0.72	1.14	0.81	0.89	24.87	ppb
Calcium	43-1	472.83	477.70	468.31	472.94	0.99	ppb
Calcium	44-1	492.14	479.08	487.76	486.33	1.37	ppb
Chromium	52-2	1.80	2.03	2.01	1.95	6.40	ppb
Cobalt	59-2	0.96	0.95	1.04	0.98	4.73	ppb
Copper	63-2	2.22	2.14	2.19	2.18	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	51.93	60.35	57.82	56.70	7.62	ppb
Iron	56-2	51.62	52.28	52.77	52.22	1.10	ppb
Iron	57-2	56.53	59.04	55.74	57.10	3.02	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.91	1.02	0.99	7.47	ppb
Lead	207-1	0.85	0.96	1.08	0.96	11.74	ppb
Lead	208-1	0.96	0.92	1.01	0.96	4.23	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:11:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	488.70	518.60	508.08	505.13	3.00	ppb
Manganese	55-2	0.94	1.03	1.10	1.02	7.92	ppb
Molybdenum	94-1	4.74	5.22	4.63	4.86	6.39	ppb
Molybdenum	95-1	5.25	5.09	4.86	5.07	3.83	ppb
Molybdenum	96-1	4.77	4.51	5.03	4.77	5.48	ppb
Molybdenum	97-1	5.21	4.71	5.10	5.00	5.24	ppb
Molybdenum	98-1	5.04	4.66	5.06	4.92	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.97	0.89	0.90	7.03	ppb
Phosphorus	31-2	68.77	-24.47	-62.18	-5.96		ppb
Potassium	39-2	479.03	528.79	490.19	499.34	5.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	11.53	1.93	2.34	5.27	103.04	ppb
Selenium	77-2	-1.28	-1.27	0.93	-0.54		ppb
Selenium	78-2	7.67	7.79	8.02	7.83	2.23	ppb
Silicon	28-1	12.59	7.92	9.30	9.93	24.14	ppb
Silver	109-1	0.89	0.92	0.95	0.92	3.41	ppb
Silver	107-1	0.91	0.91	0.91	0.91	0.22	ppb
Sodium	23-2	531.27	545.26	542.77	539.76	1.38	ppb
Strontium	86-1	0.99	0.79	1.03	0.94	13.92	ppb
Strontium	88-1	0.95	0.98	0.95	0.96	1.98	ppb
Sulfur	34-1	-586.78	-1360.30	-504.62	-817.23		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.89	0.88	0.83	0.87	3.95	ppb
Thallium	205-1	0.87	1.00	0.82	0.90	10.54	ppb
Tin	118-1	4.91	4.81	4.55	4.76	3.99	ppb
Titanium	47-1	4.68	5.50	4.84	5.01	8.76	ppb
Uranium	238-1	0.85	0.90	0.90	0.89	2.97	ppb
Vanadium	51-2	4.53	4.85	4.82	4.73	3.71	ppb
Yttrium	89-1				96		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:11:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	2.25	1.79	1.70	1.91	15.31	ppb
Zirconium	90-1	0.92	0.86	0.93	0.90	4.57	ppb
Zirconium	91-1	0.98	1.02	0.91	0.97	6.00	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:13:56 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.42	2.19	0.84	1.48	45.72	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	73.16	ppb
Arsenic	75-2	0.04	-0.02	-0.04	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.08	-0.03		ppb
Barium	137-1	0.04	-0.01	0.02	0.02	133.27	ppb
Beryllium	9-1	0.08	0.08	0.05	0.07	27.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	9.71	9.53	8.80	9.35	5.15	ppb
Boron	11-1	9.99	9.10	9.29	9.46	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.01	0.01	104.90	ppb
Cadmium	106-1	0.31	0.49	-0.82	-0.01		ppb
Cadmium	108-1	-0.26	-0.26	-0.35	-0.29		ppb
Calcium	43-1	-7.87	-2.59	-5.27	-5.24		ppb
Calcium	44-1	-0.58	1.74	0.55	0.57	204.23	ppb
Chromium	52-2	0.08	0.04	0.11	0.08	41.71	ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	75.16	ppb
Copper	63-2	0.02	0.00	0.07	0.03	118.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	1.31	1.45	0.31	1.02	61.02	ppb
Iron	56-2	1.30	0.89	0.86	1.01	24.25	ppb
Iron	57-2	0.27	-0.47	-3.71	-1.30		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.08	0.10	0.11	26.47	ppb
Lead	207-1	0.06	0.09	0.09	0.08	23.45	ppb
Lead	208-1	0.10	0.08	0.09	0.09	7.63	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:13:56 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	2.35	-1.89	2.86	1.11	235.12	ppb
Manganese	55-2	0.07	0.03	0.07	0.06	39.87	ppb
Molybdenum	94-1	0.01	0.45	0.01	0.16	161.21	ppb
Molybdenum	95-1	0.03	0.00	0.02	0.02	104.84	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	97-1	0.02	0.05	-0.01	0.02	178.96	ppb
Molybdenum	98-1	-0.01	0.01	0.02	0.01	198.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.05	0.09	-0.01		ppb
Phosphorus	31-2	57.02	-30.39	6.59	11.07	396.17	ppb
Potassium	39-2	13.02	-7.01	7.51	4.51	229.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	-2.09	1.96	-2.79	-0.97		ppb
Selenium	77-2	1.01	-3.45	-1.21	-1.22		ppb
Selenium	78-2	0.72	-1.52	1.14	0.11	1269.53	ppb
Silicon	28-1	1.98	-6.63	3.89	-0.25		ppb
Silver	109-1	0.01	0.00	-0.01	0.00	672.25	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	39.03	38.49	36.83	38.12	3.01	ppb
Strontium	86-1	0.03	-0.02	-0.13	-0.04		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	222.43	ppb
Sulfur	34-1	-1162.75	-1349.93	-638.71	-1050.47		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.02	-0.01	-0.03	-0.02		ppb
Tin	118-1	-0.02	0.01	0.04	0.01	245.39	ppb
Titanium	47-1	0.23	0.29	-0.06	0.15	121.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1				98		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:13:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.32	0.02	-0.28	0.02	1428.34	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	68.00	ppb
Zirconium	91-1	-0.01	-0.02	0.02	0.00		ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:16:50	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98985.18	97241.47	96151.86	97459.50	1.47	ppb
Antimony	121-1	1.01	1.16	1.11	1.10	6.91	ppb
Arsenic	75-2	0.27	0.25	0.30	0.27	9.59	ppb
Barium	135-1	1.57	1.07	1.38	1.34	18.69	ppb
Barium	137-1	1.49	1.37	1.34	1.40	5.49	ppb
Beryllium	9-1	0.35	0.40	0.37	0.37	7.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	8.98	8.81	8.02	8.60	5.98	ppb
Boron	11-1	8.20	8.20	8.62	8.34	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.72	0.81	0.71	0.75	7.53	ppb
Cadmium	106-1	-0.97	-1.33	5.18	0.96	381.33	ppb
Cadmium	108-1	9.81	8.98	7.86	8.88	11.03	ppb
Calcium	43-1	96601.16	99090.58	100157.45	98616.40	1.85	ppb
Calcium	44-1	96670.58	97956.99	99180.65	97936.07	1.28	ppb
Chromium	52-2	19.98	19.57	19.95	19.83	1.16	ppb
Cobalt	59-2	1.18	1.30	1.11	1.19	8.02	ppb
Copper	63-2	8.70	8.87	9.07	8.88	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	101904.52	103701.02	102464.73	102690.09	0.90	ppb
Iron	56-2	101556.58	102832.39	100973.51	101787.49	0.93	ppb
Iron	57-2	103869.16	105943.82	102770.56	104194.51	1.55	ppb
Krypton	83-1						cps
Lead	206-1	4.26	4.72	4.90	4.63	7.07	ppb
Lead	207-1	3.75	4.00	4.38	4.04	7.80	ppb
Lead	208-1	3.98	4.26	4.46	4.23	5.69	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:16:50	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	97185.53	96905.40	96135.98	96742.30	0.56	ppb
Manganese	55-2	7.91	7.40	7.34	7.55	4.12	ppb
Molybdenum	94-1	1308.14	1341.14	1331.03	1326.77	1.27	ppb
Molybdenum	95-1	1885.17	1904.65	1931.81	1907.21	1.23	ppb
Molybdenum	96-1	1811.32	1852.44	1866.02	1843.26	1.55	ppb
Molybdenum	97-1	1860.63	1899.72	1920.00	1893.45	1.59	ppb
Molybdenum	98-1	1835.21	1905.97	1916.99	1886.06	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.18	5.63	5.43	4.19	ppb
Phosphorus	31-2	98727.25	98798.05	99523.33	99016.21	0.44	ppb
Potassium	39-2	97756.62	99782.16	99358.38	98965.72	1.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-1.90	0.41	0.00	-0.50		ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	-1.15	-1.04	3.01	0.27	865.22	ppb
Silicon	28-1	33.71	44.49	46.38	41.52	16.45	ppb
Silver	109-1	0.02	0.01	0.04	0.03	62.47	ppb
Silver	107-1	0.01	0.00	0.01	0.01	57.56	ppb
Sodium	23-2	102991.21	102794.00	102215.10	102666.77	0.39	ppb
Strontium	86-1	32.47	32.72	32.90	32.70	0.66	ppb
Strontium	88-1	32.84	33.55	34.02	33.47	1.78	ppb
Sulfur	34-1	58211.96	59398.55	60911.34	59507.28	2.27	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.04	0.01	0.02	112.30	ppb
Thallium	205-1	0.02	0.03	0.05	0.03	48.04	ppb
Tin	118-1	0.19	0.27	0.23	0.23	16.86	ppb
Titanium	47-1	1922.37	1959.87	1985.49	1955.91	1.62	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	11.06	ppb
Vanadium	51-2	0.14	0.20	0.09	0.14	39.31	ppb
Yttrium	89-1				96		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:16:50	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	11.35	11.28	11.21	11.28	0.63	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.88	ppb
Zirconium	91-1	0.03	0.01	0.10	0.04	111.47	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:19:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97344.15	93623.18	96388.87	95785.40	2.02	ppb
Antimony	121-1	20.27	20.33	20.72	20.44	1.22	ppb
Arsenic	75-2	20.81	20.63	20.12	20.52	1.76	ppb
Barium	135-1	19.80	21.06	20.91	20.59	3.32	ppb
Barium	137-1	22.08	21.67	21.55	21.77	1.29	ppb
Beryllium	9-1	19.46	19.70	18.96	19.37	1.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	72.45	74.15	73.56	73.39	1.17	ppb
Boron	11-1	73.29	74.30	74.45	74.02	0.85	ppb
Bromine	81-1						cps
Cadmium	111-1	19.64	19.78	20.34	19.92	1.85	ppb
Cadmium	106-1	22.58	24.68	27.73	25.00	10.35	ppb
Cadmium	108-1	31.44	30.79	30.34	30.86	1.80	ppb
Calcium	43-1	96810.97	96520.62	98740.45	97357.35	1.24	ppb
Calcium	44-1	96617.59	96954.67	97210.23	96927.50	0.31	ppb
Chromium	52-2	39.62	38.76	38.79	39.05	1.26	ppb
Cobalt	59-2	21.70	21.18	21.69	21.52	1.38	ppb
Copper	63-2	30.26	28.99	29.90	29.72	2.20	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				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	104099.35	101848.75	102794.77	102914.29	1.10	ppb
Iron	56-2	102560.35	101091.61	102713.33	102121.77	0.88	ppb
Iron	57-2	103279.90	105044.03	105981.06	104768.33	1.31	ppb
Krypton	83-1						cps
Lead	206-1	23.38	24.19	24.20	23.92	1.95	ppb
Lead	207-1	21.89	21.72	22.08	21.89	0.84	ppb
Lead	208-1	22.74	22.67	22.74	22.72	0.19	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:19:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	97733.96	94872.26	97236.62	96614.28	1.58	ppb
Manganese	55-2	27.54	26.36	26.22	26.71	2.70	ppb
Molybdenum	94-1	1431.08	1464.00	1438.90	1444.66	1.19	ppb
Molybdenum	95-1	1898.34	2002.60	2012.75	1971.23	3.21	ppb
Molybdenum	96-1	1836.97	1926.09	1953.61	1905.55	3.20	ppb
Molybdenum	97-1	1927.13	1951.94	2026.99	1968.69	2.64	ppb
Molybdenum	98-1	1934.15	1968.61	1982.80	1961.85	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.19	25.26	25.39	25.28	0.40	ppb
Phosphorus	31-2	98315.06	96707.25	98827.51	97949.94	1.13	ppb
Potassium	39-2	100686.40	98450.38	99547.02	99561.27	1.12	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	18.40	18.83	14.79	17.34	12.81	ppb
Selenium	77-2	20.50	12.26	23.19	18.65	30.54	ppb
Selenium	78-2	21.77	25.49	21.95	23.07	9.08	ppb
Silicon	28-1	69.43	60.55	78.82	69.60	13.13	ppb
Silver	109-1	18.75	18.39	18.04	18.40	1.94	ppb
Silver	107-1	18.88	19.03	18.53	18.81	1.35	ppb
Sodium	23-2	102382.99	101416.43	104569.92	102789.78	1.57	ppb
Strontium	86-1	84.66	89.41	88.81	87.63	2.95	ppb
Strontium	88-1	88.84	90.14	90.34	89.77	0.91	ppb
Sulfur	34-1	57445.37	55613.13	56700.60	56586.37	1.63	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	19.94	19.55	19.85	19.78	1.03	ppb
Thallium	205-1	20.20	20.44	20.14	20.26	0.77	ppb
Tin	118-1	52.19	54.79	51.35	52.78	3.40	ppb
Titanium	47-1	1989.92	1968.73	2016.80	1991.82	1.21	ppb
Uranium	238-1	54.81	55.97	54.69	55.16	1.28	ppb
Vanadium	51-2	19.45	20.04	20.09	19.86	1.78	ppb
Yttrium	89-1				96		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:19:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	31.51	31.77	32.22	31.83	1.12	ppb
Zirconium	90-1	54.45	55.56	55.59	55.20	1.18	ppb
Zirconium	91-1	53.84	55.36	54.85	54.68	1.41	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47805.59	47482.01	47770.23	47685.95	0.37	ppb
Antimony	121-1	494.63	490.96	499.98	495.19	0.92	ppb
Arsenic	75-2	502.09	491.18	502.98	498.75	1.32	ppb
Barium	135-1	2556.83	2537.91	2533.80	2542.85	0.48	ppb
Barium	137-1	2509.70	2489.90	2576.50	2525.36	1.80	ppb
Beryllium	9-1	459.63	466.17	463.78	463.19	0.71	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Boron	10-1	398.02	452.09	481.90	444.00	9.58	ppb
Boron	11-1	401.84	446.53	478.16	442.17	8.67	ppb
Bromine	81-1						cps
Cadmium	111-1	480.63	486.30	488.10	485.01	0.80	ppb
Cadmium	106-1	490.10	476.16	472.37	479.54	1.95	ppb
Cadmium	108-1	498.71	471.51	496.14	488.79	3.07	ppb
Calcium	43-1	250696.33	257027.90	259538.30	255754.18	1.78	ppb
Calcium	44-1	251931.99	256370.05	259395.08	255899.04	1.47	ppb
Chromium	52-2	507.32	500.87	504.68	504.29	0.64	ppb
Cobalt	59-2	502.11	499.63	503.70	501.81	0.41	ppb
Copper	63-2	4958.35	4953.41	5041.64	4984.47	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				87		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	54-2	123505.97	122143.98	123094.49	122914.81	0.57	ppb
Iron	56-2	123626.29	121036.04	122948.34	122536.89	1.10	ppb
Iron	57-2	128039.08	125058.51	125598.57	126232.05	1.26	ppb
Krypton	83-1						cps
Lead	206-1	2548.48	2534.57	2553.39	2545.48	0.38	ppb
Lead	207-1	2545.97	2558.60	2566.52	2557.03	0.41	ppb
Lead	208-1	2526.08	2538.70	2569.22	2544.67	0.87	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	247546.79	248468.77	249644.77	248553.44	0.42	ppb
Manganese	55-2	5163.53	4972.56	5070.61	5068.90	1.88	ppb
Molybdenum	94-1	2468.36	2559.99	2587.28	2538.54	2.45	ppb
Molybdenum	95-1	2452.38	2538.59	2533.23	2508.07	1.93	ppb
Molybdenum	96-1	2508.62	2596.30	2550.53	2551.82	1.72	ppb
Molybdenum	97-1	2450.85	2611.98	2547.96	2536.93	3.20	ppb
Molybdenum	98-1	2421.65	2544.47	2540.38	2502.17	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.95	492.30	494.30	494.85	0.58	ppb
Phosphorus	31-2	10352.27	10046.42	10336.37	10245.02	1.68	ppb
Potassium	39-2	124055.96	123783.50	122747.45	123528.97	0.56	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	489.79	499.73	496.25	495.26	1.02	ppb
Selenium	77-2	455.10	488.54	520.35	488.00	6.69	ppb
Selenium	78-2	509.48	487.57	496.70	497.92	2.21	ppb
Silicon	28-1	447.10	518.14	578.82	514.68	12.81	ppb
Silver	109-1	489.00	487.33	488.40	488.24	0.17	ppb
Silver	107-1	490.05	494.66	492.92	492.54	0.47	ppb
Sodium	23-2	249366.50	247579.17	251318.90	249421.52	0.75	ppb
Strontium	86-1	504.42	518.40	502.37	508.40	1.72	ppb
Strontium	88-1	502.05	515.90	502.33	506.76	1.56	ppb
Sulfur	34-1	8425.66	8938.96	9398.86	8921.16	5.46	ppb
Terbium	159-1				85		%
Terbium	159-2				86		%
Thallium	203-1	506.55	505.85	512.64	508.35	0.73	ppb
Thallium	205-1	511.84	504.77	514.18	510.26	0.96	ppb
Tin	118-1	500.82	496.20	508.80	501.94	1.27	ppb
Titanium	47-1	2453.44	2475.59	2538.13	2489.06	1.76	ppb
Uranium	238-1	520.18	514.53	537.37	524.03	2.27	ppb
Vanadium	51-2	504.08	498.75	504.02	502.28	0.61	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	4953.99	4893.15	4971.75	4939.63	0.83	ppb
Zirconium	90-1	497.68	514.31	505.95	505.98	1.64	ppb
Zirconium	91-1	488.89	511.03	511.57	503.83	2.57	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:30:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	1.80	-0.82	0.31	431.42	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	25.52	ppb
Arsenic	75-2	0.03	0.00	0.01	0.01	164.23	ppb
Barium	135-1	-0.01	0.00	-0.04	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.16	0.10	0.10	0.12	29.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	12.46	11.79	11.92	12.06	2.95	ppb
Boron	11-1	12.17	11.42	11.64	11.74	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	0.00	0.01	151.55	ppb
Cadmium	106-1	-1.08	-0.24	1.82	0.17	892.59	ppb
Cadmium	108-1	0.10	-0.09	0.01	0.00	2138.72	ppb
Calcium	43-1	-4.87	-2.46	-5.84	-4.39		ppb
Calcium	44-1	9.48	9.43	8.91	9.28	3.40	ppb
Chromium	52-2	0.12	0.03	-0.05	0.03	282.74	ppb
Cobalt	59-2	0.01	0.03	0.01	0.01	105.24	ppb
Copper	63-2	0.31	0.29	0.20	0.26	22.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	1.55	4.07	2.78	2.80	45.09	ppb
Iron	56-2	3.19	3.14	2.41	2.91	14.84	ppb
Iron	57-2	0.40	3.06	0.94	1.47	95.72	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.16	0.17	0.15	17.19	ppb
Lead	207-1	0.20	0.09	0.11	0.13	42.28	ppb
Lead	208-1	0.17	0.11	0.15	0.14	18.28	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:30:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	3.66	7.80	1.26	4.24	77.98	ppb
Manganese	55-2	0.20	0.28	0.14	0.21	34.48	ppb
Molybdenum	94-1	0.06	0.02	0.11	0.07	69.18	ppb
Molybdenum	95-1	0.06	0.03	0.05	0.05	34.39	ppb
Molybdenum	96-1	0.02	0.04	0.01	0.03	57.09	ppb
Molybdenum	97-1	0.08	0.06	0.01	0.05	77.05	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	74.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.16	-0.01	-0.09		ppb
Phosphorus	31-2	-57.36	7.29	12.56	-12.50		ppb
Potassium	39-2	18.00	12.72	6.28	12.33	47.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-4.86	0.79	1.70	-0.79		ppb
Selenium	77-2	-3.45	-1.32	-1.30	-2.02		ppb
Selenium	78-2	3.97	0.72	0.80	1.83	101.03	ppb
Silicon	28-1	15.18	13.62	7.23	12.01	35.08	ppb
Silver	109-1	0.01	0.02	0.01	0.02	44.52	ppb
Silver	107-1	0.00	0.00	0.00	0.00	896.38	ppb
Sodium	23-2	84.27	59.59	59.70	67.85	20.96	ppb
Strontium	86-1	0.04	-0.11	-0.32	-0.13		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1413.82	ppb
Sulfur	34-1	-2519.92	-2066.66	-2087.17	-2224.58		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.06	0.05	0.04	68.46	ppb
Thallium	205-1	0.07	0.02	0.05	0.05	46.23	ppb
Tin	118-1	0.09	0.05	0.09	0.08	25.10	ppb
Titanium	47-1	0.10	0.22	0.08	0.13	57.57	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	140.15	ppb
Vanadium	51-2	0.00	0.03	-0.01	0.01	246.21	ppb
Yttrium	89-1				97		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:30:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.22	-0.02	0.19	0.13	102.73	ppb
Zirconium	90-1	0.00	0.01	0.03	0.01	105.48	ppb
Zirconium	91-1	0.00	0.01	-0.02	0.00		ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.93	22.68	17.47	22.03	19.35	ppb
Antimony	121-1	1.94	1.86	1.99	1.93	3.35	ppb
Arsenic	75-2	1.07	0.95	0.99	1.00	6.31	ppb
Barium	135-1	9.31	9.83	9.81	9.65	3.04	ppb
Barium	137-1	9.99	9.65	10.26	9.96	3.05	ppb
Beryllium	9-1	1.05	1.05	1.06	1.05	0.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	22.91	27.26	28.95	26.37	11.81	ppb
Boron	11-1	22.85	25.55	28.15	25.52	10.39	ppb
Bromine	81-1						cps
Cadmium	111-1	1.27	1.15	1.29	1.24	6.21	ppb
Cadmium	106-1	-2.88	-1.13	0.21	-1.27		ppb
Cadmium	108-1	1.22	0.28	0.85	0.78	60.35	ppb
Calcium	43-1	474.21	487.30	490.60	484.04	1.79	ppb
Calcium	44-1	494.77	521.06	516.30	510.71	2.74	ppb
Chromium	52-2	1.97	1.84	1.86	1.89	3.70	ppb
Cobalt	59-2	1.02	0.98	0.94	0.98	4.16	ppb
Copper	63-2	2.38	2.41	2.19	2.33	5.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	60.21	50.58	63.43	58.07	11.51	ppb
Iron	56-2	52.26	53.59	50.75	52.20	2.72	ppb
Iron	57-2	47.03	56.04	56.17	53.08	9.88	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.13	1.17	1.10	8.15	ppb
Lead	207-1	0.98	1.16	1.00	1.05	9.59	ppb
Lead	208-1	1.01	1.15	1.10	1.09	6.48	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	496.46	502.51	488.76	495.91	1.39	ppb
Manganese	55-2	0.87	1.17	1.04	1.02	14.88	ppb
Molybdenum	94-1	4.92	5.16	4.72	4.93	4.50	ppb
Molybdenum	95-1	5.15	5.28	5.10	5.18	1.86	ppb
Molybdenum	96-1	4.99	5.02	5.24	5.08	2.64	ppb
Molybdenum	97-1	5.56	5.11	4.83	5.17	7.18	ppb
Molybdenum	98-1	4.99	5.28	4.51	4.93	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.03	0.93	1.08	17.56	ppb
Phosphorus	31-2	7.96	39.13	9.30	18.80	93.75	ppb
Potassium	39-2	521.02	520.38	455.05	498.82	7.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	7.37	8.06	3.81	6.41	35.50	ppb
Selenium	77-2	5.56	3.29	-3.45	1.80	260.12	ppb
Selenium	78-2	7.46	3.79	7.18	6.14	33.24	ppb
Silicon	28-1	30.75	24.56	42.17	32.49	27.49	ppb
Silver	109-1	0.94	1.04	1.08	1.02	7.14	ppb
Silver	107-1	0.77	0.93	0.89	0.86	9.55	ppb
Sodium	23-2	570.06	587.90	540.65	566.20	4.21	ppb
Strontium	86-1	1.49	0.93	0.76	1.06	35.98	ppb
Strontium	88-1	0.91	1.10	1.05	1.02	9.80	ppb
Sulfur	34-1	-1619.44	-1075.36	-768.56	-1154.46		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.90	0.93	0.93	0.92	1.77	ppb
Thallium	205-1	1.16	0.98	1.01	1.05	9.27	ppb
Tin	118-1	4.79	4.49	5.09	4.79	6.30	ppb
Titanium	47-1	4.48	4.83	5.19	4.83	7.30	ppb
Uranium	238-1	0.97	0.93	0.97	0.96	2.28	ppb
Vanadium	51-2	4.82	4.88	4.83	4.84	0.60	ppb
Yttrium	89-1				94		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	1.98	2.23	2.31	2.17	7.92	ppb
Zirconium	90-1	0.94	1.02	0.97	0.97	4.00	ppb
Zirconium	91-1	0.88	1.03	0.78	0.90	13.87	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:57:40 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.56	11.48	10.75	10.93	4.46	ppb
Antimony	121-1	0.27	0.22	0.25	0.25	9.19	ppb
Arsenic	75-2	0.21	0.34	0.40	0.32	30.19	ppb
Barium	135-1	1.22	1.42	1.38	1.34	7.77	ppb
Barium	137-1	1.35	1.27	1.28	1.30	3.48	ppb
Beryllium	9-1	0.31	0.26	0.31	0.29	9.66	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	3.04	3.89	3.69	3.54	12.63	ppb
Boron	11-1	3.44	3.65	3.42	3.50	3.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.25	0.20	0.26	21.66	ppb
Cadmium	106-1	-2.25	1.40	0.59	-0.09		ppb
Cadmium	108-1	0.17	0.37	0.56	0.37	54.30	ppb
Calcium	43-1	16.43	21.88	16.47	18.26	17.16	ppb
Calcium	44-1	46.07	44.27	46.54	45.63	2.63	ppb
Chromium	52-2	0.48	0.54	0.64	0.55	13.87	ppb
Cobalt	59-2	0.26	0.28	0.30	0.28	7.16	ppb
Copper	63-2	0.74	0.78	0.95	0.82	13.35	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				86		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	54-2	14.10	17.27	24.70	18.69	29.10	ppb
Iron	56-2	15.13	15.81	16.90	15.94	5.61	ppb
Iron	57-2	10.84	17.19	15.96	14.66	22.99	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.38	0.37	0.36	6.74	ppb
Lead	207-1	0.23	0.22	0.35	0.27	26.17	ppb
Lead	208-1	0.30	0.31	0.31	0.31	0.37	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:57:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				88		%
Magnesium	24-2	29.98	32.88	36.09	32.98	9.26	ppb
Manganese	55-2	0.68	0.73	0.71	0.71	3.95	ppb
Molybdenum	94-1	0.93	1.29	1.23	1.15	16.53	ppb
Molybdenum	95-1	1.13	1.17	0.99	1.10	8.95	ppb
Molybdenum	96-1	0.93	1.24	1.16	1.11	14.49	ppb
Molybdenum	97-1	0.99	1.36	1.11	1.15	16.48	ppb
Molybdenum	98-1	1.09	0.93	1.09	1.03	8.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.46	0.37	0.39	15.11	ppb
Phosphorus	31-2	20.67	-63.65	91.23	16.08	482.15	ppb
Potassium	39-2	45.56	104.68	129.05	93.10	46.12	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				81		%
Selenium	82-1	1.27	0.13	1.71	1.04	78.28	ppb
Selenium	77-2	3.80	4.18	-3.45	1.51	284.46	ppb
Selenium	78-2	4.85	2.30	5.07	4.07	37.84	ppb
Silicon	28-1	74.70	85.08	76.51	78.77	7.04	ppb
Silver	109-1	0.19	0.21	0.25	0.22	13.04	ppb
Silver	107-1	0.22	0.21	0.18	0.20	8.48	ppb
Sodium	23-2	94.77	119.10	118.01	110.63	12.42	ppb
Strontium	86-1	0.54	0.74	0.95	0.74	27.22	ppb
Strontium	88-1	0.29	0.31	0.31	0.30	5.03	ppb
Sulfur	34-1	2648.63	2758.16	2607.19	2671.33	2.92	ppb
Terbium	159-1				85		%
Terbium	159-2				82		%
Thallium	203-1	0.23	0.25	0.23	0.24	4.64	ppb
Thallium	205-1	0.25	0.25	0.27	0.26	5.02	ppb
Tin	118-1	0.23	0.22	0.13	0.19	27.63	ppb
Titanium	47-1	0.75	1.05	1.16	0.99	21.51	ppb
Uranium	238-1	0.21	0.22	0.21	0.21	1.25	ppb
Vanadium	51-2	0.26	0.28	0.21	0.25	13.05	ppb
Yttrium	89-1				83		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:57:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				81		%
Zinc	66-2	0.48	0.44	0.47	0.46	5.19	ppb
Zirconium	90-1	0.27	0.29	0.27	0.28	4.70	ppb
Zirconium	91-1	0.17	0.26	0.22	0.22	19.33	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:00:34 DataFile Name : 025_SPK.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.51	10.34	6.33	8.72	24.28	ppb
Antimony	121-1	0.26	0.27	0.25	0.26	3.45	ppb
Arsenic	75-2	0.38	0.22	0.30	0.30	26.80	ppb
Barium	135-1	1.14	1.23	1.31	1.23	7.00	ppb
Barium	137-1	1.00	1.19	1.13	1.11	8.54	ppb
Beryllium	9-1	0.23	0.30	0.27	0.27	12.68	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	2.46	3.22	3.64	3.11	19.32	ppb
Boron	11-1	2.95	3.00	2.83	2.93	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.26	0.27	0.27	5.40	ppb
Cadmium	106-1	-0.21	-0.77	0.91	-0.02		ppb
Cadmium	108-1	0.06	-0.15	0.36	0.09	289.77	ppb
Calcium	43-1	18.55	15.20	18.06	17.27	10.49	ppb
Calcium	44-1	44.21	43.86	43.39	43.82	0.93	ppb
Chromium	52-2	0.37	0.33	0.34	0.35	6.55	ppb
Cobalt	59-2	0.27	0.26	0.28	0.27	3.44	ppb
Copper	63-2	0.86	0.81	0.87	0.85	3.51	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				87		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	54-2	24.68	14.30	18.25	19.07	27.47	ppb
Iron	56-2	17.13	14.49	15.68	15.77	8.39	ppb
Iron	57-2	17.40	13.04	12.51	14.32	18.73	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.38	0.37	0.33	20.97	ppb
Lead	207-1	0.27	0.35	0.33	0.32	13.73	ppb
Lead	208-1	0.29	0.32	0.33	0.31	7.54	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:00:34 DataFile Name : 025_SPK.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				91		%
Magnesium	24-2	33.37	29.39	26.26	29.67	12.00	ppb
Manganese	55-2	0.70	0.72	0.61	0.67	8.54	ppb
Molybdenum	94-1	1.24	1.05	1.34	1.21	11.93	ppb
Molybdenum	95-1	1.09	1.17	1.14	1.13	3.26	ppb
Molybdenum	96-1	0.98	0.94	1.04	0.99	5.13	ppb
Molybdenum	97-1	1.02	1.35	0.98	1.12	18.18	ppb
Molybdenum	98-1	1.16	1.09	0.99	1.08	7.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.32	0.23	0.27	15.67	ppb
Phosphorus	31-2	49.89	26.23	24.69	33.60	42.04	ppb
Potassium	39-2	80.69	50.38	67.49	66.19	22.96	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	82-1	3.35	5.31	-0.80	2.62	119.03	ppb
Selenium	77-2	-1.01	6.34	-3.45	0.63	814.75	ppb
Selenium	78-2	9.32	3.91	3.54	5.59	57.95	ppb
Silicon	28-1	58.21	56.31	70.79	61.77	12.73	ppb
Silver	109-1	0.25	0.24	0.25	0.25	3.26	ppb
Silver	107-1	0.17	0.17	0.20	0.18	7.66	ppb
Sodium	23-2	91.20	96.66	96.08	94.65	3.17	ppb
Strontium	86-1	0.54	0.74	0.58	0.62	17.02	ppb
Strontium	88-1	0.26	0.26	0.28	0.27	4.26	ppb
Sulfur	34-1	2492.38	1860.94	2238.10	2197.14	14.46	ppb
Terbium	159-1				87		%
Terbium	159-2				86		%
Thallium	203-1	0.27	0.27	0.16	0.23	26.27	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	1.90	ppb
Tin	118-1	0.30	0.22	0.23	0.25	16.39	ppb
Titanium	47-1	0.94	1.23	1.29	1.15	16.24	ppb
Uranium	238-1	0.23	0.25	0.26	0.25	4.48	ppb
Vanadium	51-2	0.29	0.29	0.23	0.27	13.56	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:00:34	DataFile Name :	025_SPK.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				84		%
Zinc	66-2	0.09	0.40	0.34	0.28	58.42	ppb
Zirconium	90-1	0.25	0.25	0.21	0.24	9.89	ppb
Zirconium	91-1	0.16	0.28	0.24	0.23	27.11	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:03:25 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.12	7.36	7.87	8.12	11.20	ppb
Antimony	121-1	0.27	0.26	0.34	0.29	14.46	ppb
Arsenic	75-2	0.28	0.22	0.22	0.24	14.48	ppb
Barium	135-1	1.14	1.42	1.37	1.31	11.54	ppb
Barium	137-1	1.36	1.35	1.36	1.36	0.61	ppb
Beryllium	9-1	0.27	0.35	0.39	0.33	18.08	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	2.56	2.68	3.46	2.90	16.78	ppb
Boron	11-1	2.63	2.99	2.76	2.79	6.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.22	0.35	0.25	32.23	ppb
Cadmium	106-1	1.32	0.11	3.82	1.75	108.20	ppb
Cadmium	108-1	0.36	0.26	0.66	0.43	48.90	ppb
Calcium	43-1	22.07	31.63	33.63	29.11	21.22	ppb
Calcium	44-1	40.57	69.44	80.43	63.48	32.43	ppb
Chromium	52-2	0.48	0.46	0.37	0.44	14.07	ppb
Cobalt	59-2	0.31	0.30	0.24	0.28	13.15	ppb
Copper	63-2	0.77	0.78	0.67	0.74	8.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	54-2	18.37	16.13	19.50	18.00	9.55	ppb
Iron	56-2	15.78	15.62	14.06	15.15	6.25	ppb
Iron	57-2	17.86	14.16	15.65	15.89	11.73	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.87	0.45	0.54	54.31	ppb
Lead	207-1	0.35	0.55	0.43	0.44	22.88	ppb
Lead	208-1	0.33	0.55	0.47	0.45	24.01	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:03:25 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	29.59	35.14	25.69	30.14	15.76	ppb
Manganese	55-2	0.65	0.54	0.69	0.63	12.76	ppb
Molybdenum	94-1	1.16	1.42	1.28	1.29	10.13	ppb
Molybdenum	95-1	0.98	1.25	1.44	1.22	19.11	ppb
Molybdenum	96-1	0.89	1.48	1.26	1.21	24.89	ppb
Molybdenum	97-1	0.95	0.92	1.63	1.17	34.48	ppb
Molybdenum	98-1	1.06	1.03	1.17	1.09	7.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.25	0.36	0.35	27.18	ppb
Phosphorus	31-2	-2.47	73.74	-5.92	21.78	206.72	ppb
Potassium	39-2	70.74	71.17	85.04	75.65	10.76	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	82-1	5.54	-1.13	4.37	2.92	121.79	ppb
Selenium	77-2	-1.00	6.50	-1.01	1.50	289.36	ppb
Selenium	78-2	4.38	4.31	5.83	4.84	17.73	ppb
Silicon	28-1	64.79	71.99	61.59	66.12	8.05	ppb
Silver	109-1	0.23	0.21	0.24	0.23	6.55	ppb
Silver	107-1	0.17	0.24	0.23	0.21	18.02	ppb
Sodium	23-2	101.65	97.38	99.09	99.37	2.16	ppb
Strontium	86-1	0.63	0.61	0.91	0.71	23.30	ppb
Strontium	88-1	0.29	0.32	0.30	0.30	5.18	ppb
Sulfur	34-1	2477.97	2733.93	1686.16	2299.36	23.76	ppb
Terbium	159-1				86		%
Terbium	159-2				85		%
Thallium	203-1	0.32	0.29	0.24	0.28	14.88	ppb
Thallium	205-1	0.23	0.24	0.27	0.25	8.67	ppb
Tin	118-1	0.19	0.17	0.19	0.18	4.10	ppb
Titanium	47-1	1.12	0.88	1.74	1.24	35.74	ppb
Uranium	238-1	0.22	0.34	0.27	0.28	22.08	ppb
Vanadium	51-2	0.28	0.20	0.32	0.27	22.57	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:03:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				84		%
Zinc	66-2	0.50	0.47	0.46	0.48	4.43	ppb
Zirconium	90-1	0.25	0.31	0.28	0.28	11.28	ppb
Zirconium	91-1	0.25	0.34	0.25	0.28	18.60	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:06:18 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.13	5.48	6.61	7.07	26.39	ppb
Antimony	121-1	0.22	0.37	0.29	0.29	25.71	ppb
Arsenic	75-2	0.35	0.25	0.16	0.26	36.88	ppb
Barium	135-1	1.21	1.31	1.20	1.24	4.78	ppb
Barium	137-1	1.25	1.49	0.98	1.24	20.66	ppb
Beryllium	9-1	0.33	0.36	0.33	0.34	5.62	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	2.83	2.72	2.56	2.70	5.07	ppb
Boron	11-1	2.53	2.79	2.56	2.63	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.34	0.23	0.24	39.65	ppb
Cadmium	106-1	2.05	2.98	0.64	1.89	62.45	ppb
Cadmium	108-1	0.38	0.19	0.04	0.20	86.00	ppb
Calcium	43-1	21.67	26.24	18.06	21.99	18.65	ppb
Calcium	44-1	48.34	54.40	36.39	46.37	19.76	ppb
Chromium	52-2	0.53	0.50	0.61	0.55	9.83	ppb
Cobalt	59-2	0.21	0.31	0.26	0.26	20.10	ppb
Copper	63-2	0.77	0.67	0.85	0.76	12.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				87		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	16.63	18.60	21.76	19.00	13.63	ppb
Iron	56-2	15.35	14.85	13.63	14.61	6.06	ppb
Iron	57-2	11.28	15.79	14.17	13.75	16.63	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.34	0.30	0.33	6.67	ppb
Lead	207-1	0.34	0.30	0.27	0.30	11.63	ppb
Lead	208-1	0.35	0.34	0.30	0.33	8.51	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:06:18 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	28.70	28.85	26.32	27.96	5.08	ppb
Manganese	55-2	0.63	0.62	0.55	0.60	6.84	ppb
Molybdenum	94-1	1.07	1.23	1.13	1.14	6.97	ppb
Molybdenum	95-1	0.99	1.06	1.12	1.06	6.09	ppb
Molybdenum	96-1	1.13	1.14	0.84	1.04	16.33	ppb
Molybdenum	97-1	1.01	1.02	1.11	1.05	5.30	ppb
Molybdenum	98-1	0.95	1.04	1.03	1.01	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.21	0.22	0.27	33.33	ppb
Phosphorus	31-2	-12.94	1.76	28.94	5.92	358.71	ppb
Potassium	39-2	81.53	57.99	72.34	70.62	16.81	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	1.85	3.81	3.54	3.07	34.53	ppb
Selenium	77-2	-1.03	-1.03	-3.45	-1.84		ppb
Selenium	78-2	4.86	2.05	5.50	4.14	44.43	ppb
Silicon	28-1	81.37	97.73	63.42	80.84	21.22	ppb
Silver	109-1	0.27	0.24	0.19	0.24	17.23	ppb
Silver	107-1	0.20	0.20	0.25	0.22	13.88	ppb
Sodium	23-2	95.43	98.82	88.62	94.29	5.51	ppb
Strontium	86-1	0.97	0.89	0.59	0.82	24.42	ppb
Strontium	88-1	0.25	0.32	0.30	0.29	11.92	ppb
Sulfur	34-1	3728.36	3950.28	1170.73	2949.79	52.37	ppb
Terbium	159-1				85		%
Terbium	159-2				85		%
Thallium	203-1	0.28	0.28	0.18	0.25	24.39	ppb
Thallium	205-1	0.23	0.26	0.25	0.25	5.64	ppb
Tin	118-1	0.21	0.19	0.22	0.21	7.43	ppb
Titanium	47-1	1.14	1.57	1.16	1.29	18.72	ppb
Uranium	238-1	0.24	0.26	0.19	0.23	15.91	ppb
Vanadium	51-2	0.25	0.30	0.21	0.25	17.43	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:06:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	0.39	0.09	0.42	0.30	60.34	ppb
Zirconium	90-1	0.25	0.30	0.26	0.27	10.74	ppb
Zirconium	91-1	0.31	0.22	0.21	0.25	21.39	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:09:10 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.42	9.25	11.26	8.98	27.10	ppb
Antimony	121-1	0.23	0.26	0.27	0.25	8.61	ppb
Arsenic	75-2	0.27	0.19	0.27	0.24	19.88	ppb
Barium	135-1	1.27	1.13	1.14	1.18	6.39	ppb
Barium	137-1	1.25	1.28	1.37	1.30	4.90	ppb
Beryllium	9-1	0.34	0.29	0.32	0.31	7.74	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Boron	10-1	2.13	2.84	2.35	2.44	14.95	ppb
Boron	11-1	2.43	2.48	2.28	2.40	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.33	0.38	0.29	38.00	ppb
Cadmium	106-1	-1.06	-0.70	2.02	0.09	1929.54	ppb
Cadmium	108-1	0.47	0.16	0.46	0.36	48.28	ppb
Calcium	43-1	13.81	21.74	20.47	18.67	22.81	ppb
Calcium	44-1	39.47	41.29	42.03	40.93	3.23	ppb
Chromium	52-2	0.49	0.51	0.55	0.52	6.88	ppb
Cobalt	59-2	0.30	0.26	0.26	0.27	7.88	ppb
Copper	63-2	0.87	0.67	0.85	0.80	13.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				87		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	18.75	19.67	16.65	18.35	8.43	ppb
Iron	56-2	16.05	15.20	14.80	15.35	4.15	ppb
Iron	57-2	16.49	12.74	18.98	16.07	19.52	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.33	0.40	0.35	11.15	ppb
Lead	207-1	0.39	0.38	0.29	0.36	15.42	ppb
Lead	208-1	0.32	0.35	0.35	0.34	5.67	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:09:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	28.08	30.18	27.40	28.55	5.08	ppb
Manganese	55-2	0.57	0.58	0.66	0.60	8.62	ppb
Molybdenum	94-1	1.27	1.08	1.22	1.19	8.49	ppb
Molybdenum	95-1	0.96	1.00	1.15	1.04	9.40	ppb
Molybdenum	96-1	1.10	1.11	0.86	1.02	13.87	ppb
Molybdenum	97-1	0.92	1.00	1.07	1.00	7.55	ppb
Molybdenum	98-1	0.99	1.08	1.12	1.06	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.18	0.27	0.24	22.12	ppb
Phosphorus	31-2	-3.38	-6.84	-9.94	-6.72		ppb
Potassium	39-2	71.74	75.05	75.84	74.21	2.93	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	82-1	4.45	-2.09	6.63	3.00	151.38	ppb
Selenium	77-2	8.71	-3.45	-3.45	0.60	1162.48	ppb
Selenium	78-2	2.31	3.81	5.07	3.73	37.09	ppb
Silicon	28-1	72.79	69.21	78.44	73.48	6.34	ppb
Silver	109-1	0.28	0.22	0.23	0.25	13.79	ppb
Silver	107-1	0.25	0.21	0.26	0.24	11.48	ppb
Sodium	23-2	98.09	98.84	95.56	97.50	1.76	ppb
Strontium	86-1	0.56	0.21	0.89	0.55	61.12	ppb
Strontium	88-1	0.26	0.32	0.31	0.30	10.88	ppb
Sulfur	34-1	2276.40	2689.59	2641.71	2535.90	8.91	ppb
Terbium	159-1				86		%
Terbium	159-2				85		%
Thallium	203-1	0.30	0.15	0.24	0.23	30.99	ppb
Thallium	205-1	0.26	0.30	0.23	0.26	13.76	ppb
Tin	118-1	0.22	0.27	0.18	0.22	19.08	ppb
Titanium	47-1	0.81	1.17	1.36	1.11	24.88	ppb
Uranium	238-1	0.23	0.23	0.23	0.23	0.65	ppb
Vanadium	51-2	0.30	0.26	0.28	0.28	8.70	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:09:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	0.52	0.63	0.19	0.45	51.46	ppb
Zirconium	90-1	0.29	0.26	0.27	0.27	4.31	ppb
Zirconium	91-1	0.22	0.19	0.19	0.20	9.84	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:12:04 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.02	7.51	11.72	10.08	22.40	ppb
Antimony	121-1	0.27	0.20	0.23	0.24	14.62	ppb
Arsenic	75-2	0.17	0.22	0.24	0.21	16.52	ppb
Barium	135-1	1.12	1.03	0.95	1.03	8.45	ppb
Barium	137-1	1.36	1.14	1.20	1.23	9.48	ppb
Beryllium	9-1	0.33	0.33	0.29	0.32	8.25	ppb
Bismuth	209-1				83		%
Bismuth	209-2				88		%
Boron	10-1	2.83	2.57	2.16	2.52	13.28	ppb
Boron	11-1	2.38	2.18	2.49	2.35	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.25	0.22	0.23	6.53	ppb
Cadmium	106-1	-0.76	0.84	0.66	0.25	351.05	ppb
Cadmium	108-1	0.29	0.08	0.48	0.28	71.92	ppb
Calcium	43-1	21.39	31.24	24.22	25.62	19.78	ppb
Calcium	44-1	52.69	49.73	48.04	50.15	4.70	ppb
Chromium	52-2	0.40	0.46	0.17	0.34	44.23	ppb
Cobalt	59-2	0.27	0.26	0.27	0.27	3.58	ppb
Copper	63-2	0.72	0.67	0.69	0.69	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				85		%
Iron	54-2	20.81	20.16	17.54	19.50	8.86	ppb
Iron	56-2	15.64	13.79	15.03	14.82	6.34	ppb
Iron	57-2	12.80	8.23	11.67	10.90	21.85	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.30	0.29	0.32	12.93	ppb
Lead	207-1	0.37	0.30	0.36	0.35	10.78	ppb
Lead	208-1	0.35	0.31	0.33	0.33	5.71	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:12:04	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				87		%
Magnesium	24-2	26.77	24.61	24.18	25.19	5.52	ppb
Manganese	55-2	0.70	0.51	0.49	0.57	21.13	ppb
Molybdenum	94-1	1.23	1.39	1.22	1.28	7.55	ppb
Molybdenum	95-1	1.03	1.14	0.98	1.05	7.72	ppb
Molybdenum	96-1	1.08	0.95	1.13	1.05	8.58	ppb
Molybdenum	97-1	1.18	1.03	1.15	1.12	7.03	ppb
Molybdenum	98-1	1.12	0.97	1.05	1.05	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.23	0.17	0.18	30.39	ppb
Phosphorus	31-2	-22.33	56.29	31.22	21.73	184.87	ppb
Potassium	39-2	78.95	64.46	47.38	63.60	24.85	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	82-1	3.65	-4.31	6.86	2.06	278.55	ppb
Selenium	77-2	1.52	3.90	3.64	3.02	43.32	ppb
Selenium	78-2	3.39	3.70	3.53	3.54	4.27	ppb
Silicon	28-1	104.14	92.56	85.77	94.16	9.86	ppb
Silver	109-1	0.24	0.22	0.23	0.23	4.07	ppb
Silver	107-1	0.21	0.24	0.21	0.22	7.26	ppb
Sodium	23-2	96.75	94.29	75.14	88.73	13.33	ppb
Strontium	86-1	0.80	0.98	1.12	0.97	16.46	ppb
Strontium	88-1	0.26	0.31	0.28	0.28	9.55	ppb
Sulfur	34-1	4947.56	4369.79	3793.10	4370.15	13.21	ppb
Terbium	159-1				83		%
Terbium	159-2				86		%
Thallium	203-1	0.29	0.26	0.18	0.24	23.72	ppb
Thallium	205-1	0.31	0.28	0.24	0.28	12.69	ppb
Tin	118-1	0.21	0.18	0.23	0.21	10.94	ppb
Titanium	47-1	1.31	1.37	1.19	1.29	6.79	ppb
Uranium	238-1	0.24	0.25	0.24	0.25	2.61	ppb
Vanadium	51-2	0.19	0.27	0.22	0.23	16.77	ppb
Yttrium	89-1				82		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:12:04	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	0.31	0.14	0.36	0.27	42.14	ppb
Zirconium	90-1	0.23	0.23	0.31	0.26	18.17	ppb
Zirconium	91-1	0.24	0.12	0.31	0.22	44.01	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:15:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.50	3.67	3.50	3.56	2.81	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	179.50	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	3.64	ppb
Barium	135-1	0.03	-0.02	-0.04	-0.01		ppb
Barium	137-1	-0.02	0.02	-0.01	0.00		ppb
Beryllium	9-1	0.06	0.05	0.02	0.05	42.18	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	2.14	2.05	1.96	2.05	4.54	ppb
Boron	11-1	1.65	1.78	2.02	1.82	10.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.29	-2.24	0.50	-0.68		ppb
Cadmium	108-1	-0.15	-0.15	0.26	-0.01		ppb
Calcium	43-1	-4.94	-6.63	-2.10	-4.56		ppb
Calcium	44-1	14.98	17.64	18.18	16.94	10.11	ppb
Chromium	52-2	0.18	0.22	0.18	0.19	11.21	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	60.29	ppb
Copper	63-2	0.21	0.14	0.23	0.19	24.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	54-2	2.90	4.38	3.47	3.58	20.78	ppb
Iron	56-2	1.55	1.55	1.62	1.57	2.63	ppb
Iron	57-2	-0.10	-0.34	1.52	0.36	281.40	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.11	0.11	9.58	ppb
Lead	207-1	0.07	0.12	0.05	0.08	46.77	ppb
Lead	208-1	0.10	0.12	0.10	0.11	8.73	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:15:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				88		%
Magnesium	24-2	3.43	4.49	1.62	3.18	45.73	ppb
Manganese	55-2	0.16	0.05	0.06	0.09	70.44	ppb
Molybdenum	94-1	0.03	0.04	-0.04	0.01	535.68	ppb
Molybdenum	95-1	0.01	0.02	-0.01	0.00	406.65	ppb
Molybdenum	96-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.08	-0.04		ppb
Phosphorus	31-2	-5.37	39.19	63.66	32.49	107.70	ppb
Potassium	39-2	51.90	82.40	69.50	67.94	22.54	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	1.58	0.83	0.47	0.96	59.06	ppb
Selenium	77-2	-1.01	-1.00	3.99	0.66	435.44	ppb
Selenium	78-2	3.45	2.84	1.61	2.63	35.74	ppb
Silicon	28-1	63.85	77.17	85.53	75.52	14.48	ppb
Silver	109-1	0.00	0.00	0.00	0.00	905.75	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	59.85	62.80	62.88	61.84	2.79	ppb
Strontium	86-1	0.48	0.62	0.18	0.43	51.59	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	83.77	ppb
Sulfur	34-1	2616.85	3512.47	3962.94	3364.09	20.37	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	0.00	0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.09	-0.04	-0.05	-0.06		ppb
Titanium	47-1	0.17	0.10	0.27	0.18	49.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.02	0.00	0.00	490.95	ppb
Yttrium	89-1				84		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:15:02	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				84		%
Zinc	66-2	-0.72	-0.61	-0.67	-0.67		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.56	ppb
Zirconium	91-1	-0.02	-0.02	0.00	-0.01		ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:17:56 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.25	2.22	0.51	0.49	353.63	ppb
Antimony	121-1	0.00	0.02	0.00	0.01	169.42	ppb
Arsenic	75-2	0.00	0.03	0.00	0.01	168.05	ppb
Barium	135-1	-0.02	-0.08	-0.02	-0.04		ppb
Barium	137-1	-0.04	-0.01	-0.04	-0.03		ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	27.30	ppb
Bismuth	209-1				86		%
Bismuth	209-2				87		%
Boron	10-1	2.15	1.92	1.88	1.98	7.31	ppb
Boron	11-1	1.66	1.99	1.91	1.85	9.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.00	0.01	107.92	ppb
Cadmium	106-1	3.77	1.79	0.89	2.15	68.56	ppb
Cadmium	108-1	-0.15	0.16	-0.04	-0.01		ppb
Calcium	43-1	-7.03	-4.87	-6.01	-5.97		ppb
Calcium	44-1	12.72	17.19	18.39	16.10	18.56	ppb
Chromium	52-2	0.27	0.27	0.18	0.24	21.44	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	76.81	ppb
Copper	63-2	0.22	0.06	0.15	0.14	56.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				87		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	4.20	2.41	6.18	4.26	44.19	ppb
Iron	56-2	1.61	1.42	1.04	1.36	21.24	ppb
Iron	57-2	-1.96	-0.46	1.14	-0.42		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.07	0.09	0.09	21.27	ppb
Lead	207-1	0.08	0.06	0.10	0.08	21.72	ppb
Lead	208-1	0.11	0.09	0.09	0.10	12.29	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:17:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	1.02	2.72	2.89	2.21	46.67	ppb
Manganese	55-2	0.16	0.06	0.12	0.11	46.95	ppb
Molybdenum	94-1	-0.02	0.09	0.02	0.03	176.52	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	323.40	ppb
Molybdenum	96-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.07	-0.08	-0.02		ppb
Phosphorus	31-2	25.23	22.74	9.16	19.04	45.40	ppb
Potassium	39-2	44.59	76.66	49.33	56.86	30.44	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	82-1	-1.16	-2.59	5.51	0.59	735.68	ppb
Selenium	77-2	-0.96	-3.45	-3.45	-2.62		ppb
Selenium	78-2	3.43	1.10	0.10	1.54	110.64	ppb
Silicon	28-1	58.65	78.72	77.78	71.72	15.79	ppb
Silver	109-1	0.00	-0.01	-0.01	0.00		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	69.08	63.53	63.41	65.34	4.96	ppb
Strontium	86-1	-0.03	0.20	0.46	0.21	119.32	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	44.29	ppb
Sulfur	34-1	2076.46	3417.94	3649.36	3047.92	27.86	ppb
Terbium	159-1				86		%
Terbium	159-2				87		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.03	-0.05	-0.05	-0.05		ppb
Titanium	47-1	-0.20	-0.05	0.27	0.01	3359.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.02	0.00		ppb
Yttrium	89-1				86		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:17:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				84		%
Zinc	66-2	-0.74	-0.95	-0.93	-0.87		ppb
Zirconium	90-1	0.02	0.02	0.00	0.02	79.13	ppb
Zirconium	91-1	-0.02	-0.02	0.06	0.01	762.77	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10196.59	10149.84	10064.75	10137.06	0.66	ppb
Antimony	121-1	490.41	509.53	500.17	500.04	1.91	ppb
Arsenic	75-2	505.40	496.31	509.63	503.78	1.35	ppb
Barium	135-1	2510.72	2540.69	2545.43	2532.28	0.74	ppb
Barium	137-1	2507.31	2534.62	2537.37	2526.43	0.66	ppb
Beryllium	9-1	470.64	518.46	500.72	496.61	4.87	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	341.52	438.02	459.08	412.87	15.18	ppb
Boron	11-1	345.12	430.01	458.59	411.24	14.35	ppb
Bromine	81-1						cps
Cadmium	111-1	489.02	500.37	491.14	493.51	1.22	ppb
Cadmium	106-1	482.19	493.16	499.87	491.74	1.82	ppb
Cadmium	108-1	491.30	501.72	496.82	496.61	1.05	ppb
Calcium	43-1	49187.83	50055.16	51806.66	50349.88	2.65	ppb
Calcium	44-1	49535.08	49830.06	50972.08	50112.41	1.51	ppb
Chromium	52-2	506.30	501.44	502.47	503.40	0.51	ppb
Cobalt	59-2	508.07	510.97	505.77	508.27	0.51	ppb
Copper	63-2	5175.17	5215.23	5084.95	5158.45	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	54-2	26634.49	26398.96	26406.95	26480.13	0.51	ppb
Iron	56-2	26143.75	25829.36	26124.97	26032.69	0.68	ppb
Iron	57-2	26569.66	26722.87	26502.05	26598.19	0.43	ppb
Krypton	83-1						cps
Lead	206-1	2456.83	2554.44	2539.37	2516.88	2.09	ppb
Lead	207-1	2504.39	2546.12	2542.99	2531.17	0.92	ppb
Lead	208-1	2464.32	2538.12	2534.22	2512.22	1.65	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	52365.22	52597.86	51812.77	52258.61	0.77	ppb
Manganese	55-2	5138.68	5054.76	5168.82	5120.75	1.15	ppb
Molybdenum	94-1	2486.99	2548.77	2578.11	2537.96	1.83	ppb
Molybdenum	95-1	2492.74	2539.80	2595.37	2542.64	2.02	ppb
Molybdenum	96-1	2468.39	2534.74	2596.21	2533.11	2.52	ppb
Molybdenum	97-1	2511.35	2499.18	2573.90	2528.14	1.59	ppb
Molybdenum	98-1	2490.95	2528.97	2586.90	2535.61	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.88	507.81	498.63	505.11	1.12	ppb
Phosphorus	31-2	10214.31	10138.24	10025.77	10126.11	0.94	ppb
Potassium	39-2	26358.13	26074.78	26339.71	26257.54	0.60	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	490.03	497.17	518.37	501.86	2.94	ppb
Selenium	77-2	462.00	473.61	490.46	475.36	3.01	ppb
Selenium	78-2	524.54	483.55	500.79	502.96	4.09	ppb
Silicon	28-1	397.72	441.33	489.35	442.80	10.35	ppb
Silver	109-1	486.96	495.61	500.33	494.30	1.37	ppb
Silver	107-1	492.13	501.99	496.54	496.89	0.99	ppb
Sodium	23-2	51706.11	52771.28	51390.60	51955.99	1.39	ppb
Strontium	86-1	480.83	514.03	508.42	501.09	3.55	ppb
Strontium	88-1	482.44	509.01	506.17	499.21	2.92	ppb
Sulfur	34-1	9773.89	9349.10	10292.29	9805.09	4.82	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	480.31	503.39	498.47	494.06	2.46	ppb
Thallium	205-1	491.20	508.80	511.58	503.86	2.19	ppb
Tin	118-1	487.16	506.34	504.23	499.24	2.11	ppb
Titanium	47-1	2431.42	2465.51	2487.79	2461.57	1.15	ppb
Uranium	238-1	502.95	503.11	504.58	503.55	0.18	ppb
Vanadium	51-2	504.53	504.12	495.70	501.45	0.99	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	5106.21	5069.23	5050.50	5075.31	0.56	ppb
Zirconium	90-1	493.00	507.78	505.78	502.19	1.60	ppb
Zirconium	91-1	490.48	503.84	515.81	503.38	2.52	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48749.52	49620.86	48985.24	49118.54	0.92	ppb
Antimony	121-1	485.21	529.40	550.36	521.66	6.38	ppb
Arsenic	75-2	502.72	506.53	503.57	504.27	0.40	ppb
Barium	135-1	2491.02	2686.26	2807.74	2661.67	6.00	ppb
Barium	137-1	2472.06	2715.81	2872.12	2686.66	7.50	ppb
Beryllium	9-1	471.78	523.39	542.54	512.57	7.14	ppb
Bismuth	209-1				82		%
Bismuth	209-2				86		%
Boron	10-1	466.57	551.70	602.76	540.35	12.73	ppb
Boron	11-1	465.98	550.76	601.56	539.43	12.70	ppb
Bromine	81-1						cps
Cadmium	111-1	478.27	506.92	542.67	509.29	6.34	ppb
Cadmium	106-1	493.68	524.11	548.69	522.16	5.28	ppb
Cadmium	108-1	473.83	528.93	540.59	514.45	6.93	ppb
Calcium	43-1	241287.39	273956.72	286035.31	267093.14	8.67	ppb
Calcium	44-1	241973.83	269553.55	283900.59	265142.65	8.04	ppb
Chromium	52-2	510.21	513.59	509.31	511.04	0.44	ppb
Cobalt	59-2	506.06	514.56	514.02	511.55	0.93	ppb
Copper	63-2	5037.33	5148.23	5058.64	5081.40	1.16	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				86		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	54-2	123273.71	125392.98	127291.88	125319.52	1.60	ppb
Iron	56-2	124442.05	125153.58	123889.71	124495.11	0.51	ppb
Iron	57-2	126088.29	129703.86	127732.43	127841.53	1.42	ppb
Krypton	83-1						cps
Lead	206-1	2481.28	2737.27	2784.60	2667.71	6.12	ppb
Lead	207-1	2428.73	2674.90	2768.15	2623.93	6.68	ppb
Lead	208-1	2439.99	2702.40	2775.06	2639.15	6.68	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	251286.90	255915.11	251278.35	252826.79	1.06	ppb
Manganese	55-2	5104.78	5115.15	5057.51	5092.48	0.60	ppb
Molybdenum	94-1	2370.46	2684.27	2809.26	2621.33	8.62	ppb
Molybdenum	95-1	2336.61	2680.25	2732.29	2583.05	8.32	ppb
Molybdenum	96-1	2359.91	2674.85	2803.71	2612.82	8.74	ppb
Molybdenum	97-1	2342.19	2683.16	2751.98	2592.45	8.46	ppb
Molybdenum	98-1	2325.02	2641.87	2763.01	2576.63	8.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.73	507.98	498.16	502.96	0.98	ppb
Phosphorus	31-2	10323.40	10836.85	10532.75	10564.33	2.44	ppb
Potassium	39-2	125181.17	125802.58	125588.01	125523.92	0.25	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	468.75	505.24	543.65	505.88	7.40	ppb
Selenium	77-2	471.49	572.60	496.04	513.38	10.27	ppb
Selenium	78-2	488.33	505.35	494.62	496.10	1.74	ppb
Silicon	28-1	439.08	582.45	652.44	557.99	19.49	ppb
Silver	109-1	479.94	516.18	536.44	510.85	5.60	ppb
Silver	107-1	480.62	516.93	545.60	514.38	6.33	ppb
Sodium	23-2	254192.46	253562.33	254723.91	254159.57	0.23	ppb
Strontium	86-1	470.67	521.27	553.52	515.15	8.11	ppb
Strontium	88-1	474.84	525.34	550.95	517.04	7.49	ppb
Sulfur	34-1	9501.57	12874.05	14104.27	12159.96	19.60	ppb
Terbium	159-1				82		%
Terbium	159-2				87		%
Thallium	203-1	482.27	536.49	550.08	522.95	6.86	ppb
Thallium	205-1	491.82	543.45	544.41	526.56	5.71	ppb
Tin	118-1	496.23	528.57	561.22	528.67	6.15	ppb
Titanium	47-1	2361.59	2614.76	2734.50	2570.29	7.41	ppb
Uranium	238-1	496.05	550.37	574.62	540.35	7.45	ppb
Vanadium	51-2	509.57	509.02	509.74	509.44	0.07	ppb
Yttrium	89-1				83		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	4997.51	5069.74	5011.42	5026.22	0.76	ppb
Zirconium	90-1	472.28	537.55	563.09	524.31	8.93	ppb
Zirconium	91-1	473.77	536.06	552.19	520.67	7.95	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:31:35	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.43	-1.25	0.61	-0.36		ppb
Antimony	121-1	0.05	0.05	0.04	0.04	12.76	ppb
Arsenic	75-2	0.04	-0.01	-0.03	0.00	2860.11	ppb
Barium	135-1	0.10	0.03	-0.04	0.03	235.74	ppb
Barium	137-1	0.02	-0.02	0.03	0.01	201.25	ppb
Beryllium	9-1	0.19	0.18	0.10	0.15	31.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	16.30	16.13	16.56	16.33	1.35	ppb
Boron	11-1	16.28	16.34	15.24	15.95	3.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-2.36	-0.85	-0.22	-1.14		ppb
Cadmium	108-1	-0.09	0.10	-0.07	-0.02		ppb
Calcium	43-1	-1.54	-6.90	-5.61	-4.68		ppb
Calcium	44-1	3.16	2.92	2.04	2.70	21.78	ppb
Chromium	52-2	0.08	0.01	0.06	0.05	74.57	ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	119.62	ppb
Copper	63-2	0.34	0.27	0.28	0.30	13.88	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				102		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	2.97	1.10	2.11	2.06	45.47	ppb
Iron	56-2	1.70	1.84	2.20	1.91	13.60	ppb
Iron	57-2	-0.53	-3.36	-1.06	-1.65		ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.22	0.21	5.76	ppb
Lead	207-1	0.25	0.21	0.21	0.22	10.57	ppb
Lead	208-1	0.21	0.19	0.20	0.20	2.63	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:31:35	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	2.76	3.12	2.69	2.86	7.99	ppb
Manganese	55-2	0.31	0.15	0.24	0.23	34.88	ppb
Molybdenum	94-1	0.11	0.06	0.03	0.07	58.16	ppb
Molybdenum	95-1	0.15	0.08	0.01	0.08	86.25	ppb
Molybdenum	96-1	0.14	0.03	0.00	0.05	135.85	ppb
Molybdenum	97-1	0.19	0.09	0.02	0.10	88.89	ppb
Molybdenum	98-1	0.17	0.06	0.01	0.08	101.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	30.13	6.36	-34.69	0.60	5478.52	ppb
Potassium	39-2	13.05	16.01	15.54	14.87	10.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	4.08	1.94	-1.77	1.42	209.15	ppb
Selenium	77-2	5.24	-1.23	5.49	3.17	120.32	ppb
Selenium	78-2	1.88	1.47	0.54	1.30	53.02	ppb
Silicon	28-1	-7.15	3.00	8.90	1.58	513.38	ppb
Silver	109-1	0.00	0.00	0.00	0.00	42.18	ppb
Silver	107-1	-0.01	0.01	0.00	0.00		ppb
Sodium	23-2	48.38	50.79	60.26	53.14	11.82	ppb
Strontium	86-1	-0.09	-0.09	0.11	-0.02		ppb
Strontium	88-1	0.04	0.00	0.00	0.01	166.40	ppb
Sulfur	34-1	-3613.99	-1867.97	-1605.65	-2362.54		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.05	0.08	0.08	26.79	ppb
Thallium	205-1	0.08	0.10	0.07	0.08	20.60	ppb
Tin	118-1	0.09	0.06	0.09	0.08	22.05	ppb
Titanium	47-1	0.15	0.21	0.06	0.14	52.59	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	127.10	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	287.50	ppb
Yttrium	89-1				97		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:31:35	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.17	-0.19	-0.01	-0.01		ppb
Zirconium	90-1	0.04	0.01	0.01	0.02	82.57	ppb
Zirconium	91-1	0.03	-0.02	-0.01	0.00		ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PBW01 Instrumnet Name : P8
 Client Sample ID : PBW01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:37:23 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	3.36	1.88	2.01	64.16	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	23.10	ppb
Arsenic	75-2	0.06	0.03	-0.02	0.02	164.36	ppb
Barium	135-1	-0.02	0.01	0.00	0.00		ppb
Barium	137-1	0.02	0.03	0.02	0.02	19.85	ppb
Beryllium	9-1	0.12	0.12	0.12	0.12	0.97	ppb
Bismuth	209-1				84		%
Bismuth	209-2				88		%
Boron	10-1	10.07	11.68	9.91	10.55	9.30	ppb
Boron	11-1	11.34	10.65	10.72	10.91	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.02	0.00	359.99	ppb
Cadmium	106-1	-1.81	-1.59	2.28	-0.37		ppb
Cadmium	108-1	-0.25	-0.05	-0.04	-0.11		ppb
Calcium	43-1	-5.91	-11.36	-5.08	-7.45		ppb
Calcium	44-1	16.50	15.24	14.16	15.30	7.66	ppb
Chromium	52-2	0.24	0.28	0.33	0.29	15.64	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	13.59	ppb
Copper	63-2	0.48	0.33	0.38	0.40	19.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				87		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	54-2	2.25	3.47	4.68	3.47	35.04	ppb
Iron	56-2	2.04	2.47	1.93	2.15	13.17	ppb
Iron	57-2	3.94	4.30	-2.94	1.76	231.21	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.13	0.19	0.18	27.94	ppb
Lead	207-1	0.21	0.16	0.15	0.18	18.55	ppb
Lead	208-1	0.20	0.16	0.16	0.17	13.65	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:37:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	3.36	3.63	2.48	3.16	19.11	ppb
Manganese	55-2	0.17	0.34	0.12	0.21	52.75	ppb
Molybdenum	94-1	0.02	-0.01	0.03	0.01	134.93	ppb
Molybdenum	95-1	0.00	-0.01	0.02	0.00	292.85	ppb
Molybdenum	96-1	-0.01	0.02	0.06	0.02	182.25	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	92.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	0.02	-0.03		ppb
Phosphorus	31-2	-4.54	-4.93	-7.32	-5.60		ppb
Potassium	39-2	57.43	48.13	60.57	55.38	11.69	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	1.97	-0.78	1.14	0.78	181.93	ppb
Selenium	77-2	-3.45	-1.02	1.36	-1.04		ppb
Selenium	78-2	2.43	-0.08	1.77	1.37	95.09	ppb
Silicon	28-1	72.45	73.67	75.14	73.75	1.83	ppb
Silver	109-1	0.00	0.01	0.01	0.01	82.80	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	1636.46	ppb
Sodium	23-2	87.98	67.81	68.00	74.60	15.54	ppb
Strontium	86-1	0.46	0.51	0.66	0.54	19.29	ppb
Strontium	88-1	0.01	-0.01	0.01	0.01	231.39	ppb
Sulfur	34-1	2575.19	2165.16	1986.00	2242.12	13.47	ppb
Terbium	159-1				86		%
Terbium	159-2				87		%
Thallium	203-1	-0.02	0.03	0.04	0.02	214.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.24	ppb
Tin	118-1	-0.09	-0.07	-0.07	-0.08		ppb
Titanium	47-1	0.21	0.22	0.30	0.24	20.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	531.79	ppb
Yttrium	89-1				84		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:37:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	-0.72	-0.67	-0.65	-0.68		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	33.99	ppb
Zirconium	91-1	0.05	0.03	-0.01	0.03	112.46	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:40:14	DataFile Name :	036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10214.33	12744.73	10432.80	11130.62	12.60	ppb
Antimony	121-1	495.16	499.97	492.96	496.03	0.72	ppb
Arsenic	75-2	494.97	634.19	514.01	547.73	13.78	ppb
Barium	135-1	2482.22	2536.20	2494.94	2504.45	1.13	ppb
Barium	137-1	2464.03	2549.12	2541.51	2518.22	1.87	ppb
Beryllium	9-1	491.69	496.39	506.47	498.18	1.52	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	367.27	424.51	476.40	422.73	12.91	ppb
Boron	11-1	377.70	424.46	478.17	426.78	11.78	ppb
Bromine	81-1						cps
Cadmium	111-1	488.75	498.39	495.06	494.07	0.99	ppb
Cadmium	106-1	496.01	509.30	483.02	496.11	2.65	ppb
Cadmium	108-1	497.98	487.40	496.03	493.81	1.14	ppb
Calcium	43-1	50265.20	49576.42	50119.01	49986.88	0.73	ppb
Calcium	44-1	49769.36	50358.37	49502.98	49876.90	0.88	ppb
Chromium	52-2	503.48	635.51	516.76	551.92	13.17	ppb
Cobalt	59-2	504.92	640.52	521.19	555.54	13.33	ppb
Copper	63-2	5166.93	6352.18	5283.78	5600.96	11.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				82		%
Iron	54-2	26429.66	33219.66	27252.49	28967.27	12.79	ppb
Iron	56-2	26155.81	32475.88	26879.48	28503.73	12.14	ppb
Iron	57-2	26460.07	33141.25	27342.02	28981.11	12.52	ppb
Krypton	83-1						cps
Lead	206-1	2441.73	2497.26	2468.19	2469.06	1.13	ppb
Lead	207-1	2455.55	2494.84	2463.04	2471.14	0.84	ppb
Lead	208-1	2448.80	2494.23	2449.92	2464.32	1.05	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:40:14	DataFile Name :	036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	52157.92	65995.06	53202.50	57118.49	13.49	ppb
Manganese	55-2	5066.89	6433.53	5334.10	5611.50	12.91	ppb
Molybdenum	94-1	2442.82	2523.41	2484.04	2483.42	1.62	ppb
Molybdenum	95-1	2447.94	2551.26	2468.31	2489.17	2.20	ppb
Molybdenum	96-1	2509.63	2543.99	2476.78	2510.13	1.34	ppb
Molybdenum	97-1	2497.33	2517.90	2490.65	2501.96	0.57	ppb
Molybdenum	98-1	2479.97	2493.58	2488.22	2487.26	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.57	631.25	523.10	553.98	12.16	ppb
Phosphorus	31-2	10384.60	13408.21	10759.49	11517.44	14.31	ppb
Potassium	39-2	26233.16	33159.37	27345.17	28912.57	12.87	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				82		%
Selenium	82-1	488.95	509.59	510.26	502.93	2.41	ppb
Selenium	77-2	496.39	627.12	456.73	526.75	16.93	ppb
Selenium	78-2	489.88	619.39	522.93	544.07	12.37	ppb
Silicon	28-1	393.44	410.56	445.17	416.39	6.33	ppb
Silver	109-1	485.32	492.15	494.77	490.75	0.99	ppb
Silver	107-1	495.20	498.79	495.03	496.34	0.43	ppb
Sodium	23-2	52216.99	65441.41	53324.60	56994.33	12.87	ppb
Strontium	86-1	492.43	497.48	503.48	497.80	1.11	ppb
Strontium	88-1	496.22	503.20	496.27	498.57	0.81	ppb
Sulfur	34-1	9161.29	7870.92	7828.41	8286.87	9.14	ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	485.83	492.77	497.39	491.99	1.18	ppb
Thallium	205-1	490.79	504.58	500.22	498.53	1.41	ppb
Tin	118-1	500.18	500.12	492.68	497.66	0.87	ppb
Titanium	47-1	2456.83	2489.60	2478.89	2475.11	0.67	ppb
Uranium	238-1	484.60	496.51	498.99	493.37	1.56	ppb
Vanadium	51-2	496.48	628.82	517.01	547.43	13.01	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:40:14	DataFile Name :	036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				82		%
Zinc	66-2	5098.13	6414.54	5212.91	5575.19	13.08	ppb
Zirconium	90-1	485.23	498.23	501.82	495.09	1.76	ppb
Zirconium	91-1	484.39	500.19	496.74	493.77	1.68	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:43:10	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10116.13	10106.45	10170.06	10130.88	0.34	ppb
Antimony	121-1	490.27	495.35	507.38	497.67	1.77	ppb
Arsenic	75-2	496.93	500.63	500.82	499.46	0.44	ppb
Barium	135-1	2482.30	2516.14	2539.37	2512.60	1.14	ppb
Barium	137-1	2527.69	2582.06	2541.50	2550.41	1.11	ppb
Beryllium	9-1	495.62	504.10	491.62	497.12	1.28	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	436.86	483.68	513.47	478.00	8.08	ppb
Boron	11-1	438.19	484.19	512.65	478.35	7.85	ppb
Bromine	81-1						cps
Cadmium	111-1	489.09	493.92	501.90	494.97	1.31	ppb
Cadmium	106-1	499.44	502.67	510.84	504.32	1.16	ppb
Cadmium	108-1	497.11	496.27	491.94	495.11	0.56	ppb
Calcium	43-1	49962.19	51205.99	50730.65	50632.94	1.24	ppb
Calcium	44-1	50501.26	49613.63	51302.21	50472.37	1.67	ppb
Chromium	52-2	500.65	506.09	503.18	503.31	0.54	ppb
Cobalt	59-2	504.33	512.98	513.62	510.31	1.02	ppb
Copper	63-2	5091.71	5220.00	5064.61	5125.44	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	54-2	26382.77	26685.74	26538.26	26535.59	0.57	ppb
Iron	56-2	26110.10	26257.39	25969.39	26112.29	0.55	ppb
Iron	57-2	26247.73	26662.97	26595.48	26502.06	0.84	ppb
Krypton	83-1						cps
Lead	206-1	2489.85	2480.30	2516.41	2495.52	0.75	ppb
Lead	207-1	2519.83	2499.15	2453.96	2490.98	1.35	ppb
Lead	208-1	2495.06	2458.38	2478.60	2477.35	0.74	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:43:10	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	52022.89	51405.71	51346.81	51591.80	0.73	ppb
Manganese	55-2	5107.26	5128.95	5178.14	5138.12	0.71	ppb
Molybdenum	94-1	2431.84	2535.93	2508.14	2491.97	2.16	ppb
Molybdenum	95-1	2402.58	2542.07	2476.36	2473.67	2.82	ppb
Molybdenum	96-1	2427.49	2521.14	2482.52	2477.05	1.90	ppb
Molybdenum	97-1	2423.65	2535.88	2518.65	2492.73	2.42	ppb
Molybdenum	98-1	2410.80	2525.53	2477.80	2471.38	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.14	508.40	507.47	505.34	0.90	ppb
Phosphorus	31-2	10068.99	10033.81	9978.69	10027.16	0.45	ppb
Potassium	39-2	26250.46	26307.66	26625.63	26394.58	0.77	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	490.27	503.49	492.49	495.41	1.43	ppb
Selenium	77-2	507.53	463.26	425.25	465.35	8.85	ppb
Selenium	78-2	490.48	479.47	505.64	491.86	2.67	ppb
Silicon	28-1	409.08	463.23	492.24	454.85	9.28	ppb
Silver	109-1	488.26	495.09	500.90	494.75	1.28	ppb
Silver	107-1	497.33	502.73	510.02	503.36	1.27	ppb
Sodium	23-2	51926.69	51770.98	52217.45	51971.71	0.44	ppb
Strontium	86-1	487.49	506.18	493.29	495.65	1.93	ppb
Strontium	88-1	492.58	501.63	491.82	495.34	1.10	ppb
Sulfur	34-1	9426.70	9054.72	8627.68	9036.37	4.42	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	479.89	488.48	497.93	488.77	1.85	ppb
Thallium	205-1	496.70	496.41	496.85	496.65	0.04	ppb
Tin	118-1	501.38	504.44	501.03	502.28	0.37	ppb
Titanium	47-1	2439.28	2503.70	2513.45	2485.48	1.62	ppb
Uranium	238-1	493.33	494.72	505.19	497.75	1.30	ppb
Vanadium	51-2	497.92	499.95	505.92	501.26	0.83	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:43:10	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	5060.41	5161.50	5141.22	5121.04	1.04	ppb
Zirconium	90-1	486.79	496.01	500.39	494.40	1.40	ppb
Zirconium	91-1	477.90	499.56	500.96	492.81	2.62	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS1	Instrumnet Name :	P8
Client Sample ID :	LCSS1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:46:01	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10149.92	10189.58	10155.38	10164.96	0.21	ppb
Antimony	121-1	499.23	506.20	503.34	502.92	0.70	ppb
Arsenic	75-2	497.88	505.49	504.27	502.55	0.81	ppb
Barium	135-1	2525.14	2536.15	2570.70	2544.00	0.93	ppb
Barium	137-1	2591.77	2525.29	2607.00	2574.68	1.69	ppb
Beryllium	9-1	491.76	512.70	515.58	506.68	2.57	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	443.33	508.30	539.48	497.03	9.87	ppb
Boron	11-1	451.64	504.41	546.35	500.80	9.48	ppb
Bromine	81-1						cps
Cadmium	111-1	493.33	496.88	499.03	496.41	0.58	ppb
Cadmium	106-1	478.41	503.08	496.93	492.81	2.61	ppb
Cadmium	108-1	520.33	513.37	484.96	506.22	3.70	ppb
Calcium	43-1	49756.17	50418.76	50328.86	50167.93	0.72	ppb
Calcium	44-1	49522.59	50727.46	50154.24	50134.76	1.20	ppb
Chromium	52-2	501.20	510.33	503.86	505.13	0.93	ppb
Cobalt	59-2	508.51	514.52	511.13	511.39	0.59	ppb
Copper	63-2	5079.08	5123.96	5111.83	5104.95	0.45	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				91		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	54-2	26575.96	26561.08	26533.81	26556.95	0.08	ppb
Iron	56-2	26384.00	26523.23	25954.87	26287.37	1.13	ppb
Iron	57-2	26987.85	26612.90	26644.52	26748.42	0.78	ppb
Krypton	83-1						cps
Lead	206-1	2472.02	2484.21	2513.54	2489.92	0.86	ppb
Lead	207-1	2429.21	2504.48	2516.38	2483.36	1.90	ppb
Lead	208-1	2444.33	2504.55	2497.87	2482.25	1.33	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS1	Instrumnet Name :	P8
Client Sample ID :	LCSS1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:46:01	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				91		%
Magnesium	24-2	51725.61	52640.65	52144.30	52170.19	0.88	ppb
Manganese	55-2	4987.02	5159.35	5140.16	5095.51	1.85	ppb
Molybdenum	94-1	2476.34	2503.31	2498.83	2492.83	0.58	ppb
Molybdenum	95-1	2513.95	2501.78	2472.16	2495.96	0.86	ppb
Molybdenum	96-1	2510.07	2530.94	2500.74	2513.91	0.62	ppb
Molybdenum	97-1	2517.00	2542.12	2516.98	2525.37	0.57	ppb
Molybdenum	98-1	2453.45	2519.77	2482.04	2485.09	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.15	511.52	505.32	507.66	0.66	ppb
Phosphorus	31-2	10526.50	10183.35	10661.98	10457.28	2.36	ppb
Potassium	39-2	26415.18	26517.97	26624.89	26519.35	0.40	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	493.79	491.92	510.16	498.62	2.01	ppb
Selenium	77-2	552.71	531.45	488.42	524.20	6.25	ppb
Selenium	78-2	515.84	489.62	506.88	504.11	2.64	ppb
Silicon	28-1	400.87	444.08	473.86	439.60	8.35	ppb
Silver	109-1	503.15	499.62	502.78	501.85	0.39	ppb
Silver	107-1	502.06	508.37	502.85	504.42	0.68	ppb
Sodium	23-2	52249.03	52624.25	51364.18	52079.15	1.24	ppb
Strontium	86-1	494.18	504.22	495.49	497.96	1.10	ppb
Strontium	88-1	506.64	495.44	497.76	499.95	1.18	ppb
Sulfur	34-1	8654.23	8124.91	8360.40	8379.85	3.16	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	475.89	503.35	490.77	490.00	2.81	ppb
Thallium	205-1	477.53	506.87	498.96	494.45	3.07	ppb
Tin	118-1	504.90	520.06	507.28	510.74	1.60	ppb
Titanium	47-1	2442.18	2502.89	2484.36	2476.48	1.26	ppb
Uranium	238-1	490.63	499.92	491.00	493.85	1.06	ppb
Vanadium	51-2	500.53	505.62	504.87	503.67	0.55	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS1	Instrumnet Name :	P8
Client Sample ID :	LCSS1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:46:01	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	5143.00	5139.87	5130.12	5137.66	0.13	ppb
Zirconium	90-1	488.14	505.19	501.08	498.14	1.79	ppb
Zirconium	91-1	494.98	499.63	497.90	497.50	0.47	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:51:40	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48605.80	48281.36	47688.75	48191.97	0.96	ppb
Antimony	121-1	496.04	500.10	505.50	500.55	0.95	ppb
Arsenic	75-2	492.66	495.28	495.39	494.44	0.31	ppb
Barium	135-1	2538.66	2539.05	2559.91	2545.87	0.48	ppb
Barium	137-1	2511.84	2553.86	2613.33	2559.68	1.99	ppb
Beryllium	9-1	499.51	497.36	489.37	495.41	1.08	ppb
Bismuth	209-1				84		%
Bismuth	209-2				87		%
Boron	10-1	517.55	556.33	571.53	548.47	5.07	ppb
Boron	11-1	520.94	552.04	569.98	547.65	4.53	ppb
Bromine	81-1						cps
Cadmium	111-1	485.24	497.50	486.05	489.60	1.40	ppb
Cadmium	106-1	482.43	495.69	509.47	495.86	2.73	ppb
Cadmium	108-1	496.50	494.94	504.43	498.63	1.02	ppb
Calcium	43-1	252430.31	255929.13	252350.61	253570.02	0.81	ppb
Calcium	44-1	254914.81	252730.42	259826.94	255824.05	1.42	ppb
Chromium	52-2	510.93	506.61	506.39	507.98	0.50	ppb
Cobalt	59-2	509.26	501.81	502.05	504.37	0.84	ppb
Copper	63-2	5007.06	5010.91	4913.43	4977.13	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	126877.69	124677.12	124125.09	125226.63	1.16	ppb
Iron	56-2	124802.15	123497.97	123990.03	124096.72	0.53	ppb
Iron	57-2	128836.64	126816.49	127472.57	127708.57	0.81	ppb
Krypton	83-1						cps
Lead	206-1	2558.98	2558.03	2540.19	2552.40	0.41	ppb
Lead	207-1	2480.22	2556.54	2508.59	2515.12	1.53	ppb
Lead	208-1	2500.96	2547.73	2520.56	2523.08	0.93	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:51:40	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	256520.36	251658.29	246862.94	251680.53	1.92	ppb
Manganese	55-2	5142.86	5095.38	5078.99	5105.75	0.65	ppb
Molybdenum	94-1	2582.47	2559.55	2588.64	2576.89	0.59	ppb
Molybdenum	95-1	2589.81	2526.06	2575.94	2563.93	1.31	ppb
Molybdenum	96-1	2566.64	2528.47	2567.42	2554.18	0.87	ppb
Molybdenum	97-1	2555.77	2530.39	2558.43	2548.20	0.61	ppb
Molybdenum	98-1	2550.06	2515.64	2576.01	2547.24	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.62	506.06	500.02	502.57	0.62	ppb
Phosphorus	31-2	10519.11	10209.81	9895.91	10208.28	3.05	ppb
Potassium	39-2	125900.41	124887.71	126002.95	125597.02	0.49	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	496.39	492.06	489.74	492.73	0.68	ppb
Selenium	77-2	425.11	480.81	444.25	450.05	6.29	ppb
Selenium	78-2	477.13	505.10	491.15	491.13	2.85	ppb
Silicon	28-1	440.95	511.82	577.27	510.01	13.37	ppb
Silver	109-1	482.12	491.82	492.66	488.87	1.20	ppb
Silver	107-1	490.06	495.81	491.85	492.57	0.60	ppb
Sodium	23-2	255065.52	249609.61	248801.24	251158.79	1.36	ppb
Strontium	86-1	508.83	498.29	508.78	505.30	1.20	ppb
Strontium	88-1	507.60	504.98	501.71	504.76	0.59	ppb
Sulfur	34-1	8789.73	8890.94	10378.03	9352.90	9.51	ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	510.46	510.25	511.36	510.69	0.12	ppb
Thallium	205-1	505.25	510.26	508.40	507.97	0.50	ppb
Tin	118-1	499.44	500.68	501.42	500.51	0.20	ppb
Titanium	47-1	2437.40	2466.66	2531.37	2478.48	1.94	ppb
Uranium	238-1	523.17	539.24	525.02	529.14	1.66	ppb
Vanadium	51-2	507.03	506.34	497.57	503.65	1.05	ppb
Yttrium	89-1				86		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:51:40	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				87		%
Zinc	66-2	4980.35	4974.51	4952.10	4968.99	0.30	ppb
Zirconium	90-1	517.28	513.49	507.00	512.59	1.01	ppb
Zirconium	91-1	514.16	499.16	504.41	505.91	1.50	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:00:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	2.70	2.35	1.81	68.71	ppb
Antimony	121-1	0.06	0.04	0.07	0.06	30.14	ppb
Arsenic	75-2	0.05	-0.03	0.01	0.01	336.36	ppb
Barium	135-1	-0.04	-0.04	0.00	-0.03		ppb
Barium	137-1	-0.01	0.03	0.00	0.01	384.47	ppb
Beryllium	9-1	0.28	0.25	0.30	0.28	10.65	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	30.48	28.91	28.44	29.28	3.64	ppb
Boron	11-1	30.86	29.72	29.52	30.03	2.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	0.03	0.02	49.17	ppb
Cadmium	106-1	-0.74	2.50	2.04	1.27	138.53	ppb
Cadmium	108-1	-0.25	-0.15	-0.05	-0.15		ppb
Calcium	43-1	-9.74	-3.98	-8.24	-7.32		ppb
Calcium	44-1	12.15	16.68	12.46	13.77	18.37	ppb
Chromium	52-2	0.21	0.28	0.12	0.20	39.56	ppb
Cobalt	59-2	0.01	0.04	0.02	0.02	69.52	ppb
Copper	63-2	0.69	0.79	0.81	0.76	8.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	54-2	7.87	6.74	8.73	7.78	12.81	ppb
Iron	56-2	3.84	3.42	3.82	3.69	6.42	ppb
Iron	57-2	2.67	3.14	2.96	2.92	8.02	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.35	0.35	0.37	6.96	ppb
Lead	207-1	0.35	0.25	0.31	0.30	15.27	ppb
Lead	208-1	0.38	0.38	0.34	0.37	5.84	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:00:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	4.05	5.44	4.02	4.50	18.07	ppb
Manganese	55-2	0.38	0.37	0.33	0.36	7.64	ppb
Molybdenum	94-1	0.06	0.02	0.00	0.03	118.74	ppb
Molybdenum	95-1	0.03	0.04	0.09	0.05	62.33	ppb
Molybdenum	96-1	0.05	0.01	0.04	0.03	62.47	ppb
Molybdenum	97-1	0.07	0.03	0.03	0.05	52.35	ppb
Molybdenum	98-1	0.06	0.03	0.02	0.04	50.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.20	-0.04	0.09	128.62	ppb
Phosphorus	31-2	-73.79	43.82	-37.54	-22.51		ppb
Potassium	39-2	95.15	74.97	51.47	73.86	29.60	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	0.51	1.47	-4.01	-0.68		ppb
Selenium	77-2	-3.45	1.32	-3.45	-1.86		ppb
Selenium	78-2	4.13	2.32	2.16	2.87	38.16	ppb
Silicon	28-1	39.76	56.60	57.97	51.44	19.72	ppb
Silver	109-1	0.01	0.02	0.02	0.02	19.14	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	114.78	108.86	92.25	105.30	11.09	ppb
Strontium	86-1	0.35	0.33	0.52	0.40	25.73	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	67.04	ppb
Sulfur	34-1	679.45	1811.05	1532.32	1340.94	43.97	ppb
Terbium	159-1				87		%
Terbium	159-2				90		%
Thallium	203-1	0.14	0.14	0.13	0.14	6.47	ppb
Thallium	205-1	0.18	0.10	0.12	0.13	32.04	ppb
Tin	118-1	-0.03	-0.01	-0.04	-0.03		ppb
Titanium	47-1	0.04	-0.11	0.12	0.02	606.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	70.05	ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:00:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				86		%
Zinc	66-2	-0.39	-0.24	-0.26	-0.30		ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	47.55	ppb
Zirconium	91-1	0.03	-0.01	0.01	0.01	158.16	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PB133613BL Instrumnet Name : P8
 Client Sample ID : PB133613BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:03:01 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	2.20	2.62	2.65	17.96	ppb
Antimony	121-1	0.01	0.04	0.04	0.03	58.18	ppb
Arsenic	75-2	0.03	0.04	0.00	0.02	106.74	ppb
Barium	135-1	0.00	0.02	-0.03	-0.01		ppb
Barium	137-1	0.00	0.03	-0.02	0.00	559.43	ppb
Beryllium	9-1	0.24	0.26	0.22	0.24	8.13	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	23.41	24.10	23.87	23.79	1.46	ppb
Boron	11-1	24.58	23.04	23.81	23.81	3.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	0.01	0.01	123.21	ppb
Cadmium	106-1	0.92	-3.13	-0.46	-0.89		ppb
Cadmium	108-1	-0.14	-0.24	-0.25	-0.21		ppb
Calcium	43-1	-9.59	-2.60	-0.45	-4.21		ppb
Calcium	44-1	16.77	15.78	15.98	16.18	3.23	ppb
Chromium	52-2	0.34	0.28	0.21	0.28	24.23	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	10.98	ppb
Copper	63-2	0.74	0.79	0.70	0.75	5.94	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				86		%
Holmium	165-2				85		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	54-2	7.57	5.92	7.64	7.04	13.80	ppb
Iron	56-2	3.42	2.63	2.85	2.97	13.86	ppb
Iron	57-2	2.84	-1.19	2.48	1.38	162.33	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.43	0.31	0.39	17.29	ppb
Lead	207-1	0.38	0.34	0.33	0.35	7.76	ppb
Lead	208-1	0.42	0.36	0.34	0.37	11.57	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BL	Instrumnet Name :	P8
Client Sample ID :	PB133613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:03:01	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	6.46	6.59	3.23	5.43	35.09	ppb
Manganese	55-2	0.40	0.31	0.41	0.37	13.87	ppb
Molybdenum	94-1	0.08	-0.02	0.04	0.03	168.43	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	41.75	ppb
Molybdenum	96-1	0.05	0.00	0.00	0.02	161.10	ppb
Molybdenum	97-1	0.07	0.01	0.00	0.03	146.34	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	205.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	0.10	-0.02		ppb
Phosphorus	31-2	-51.90	51.90	11.28	3.76	1391.17	ppb
Potassium	39-2	81.81	104.75	101.46	96.01	12.92	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	82-1	0.04	-4.45	3.16	-0.42		ppb
Selenium	77-2	-0.96	-0.99	1.49	-0.15		ppb
Selenium	78-2	1.87	3.09	2.02	2.33	28.60	ppb
Silicon	28-1	75.13	74.11	67.15	72.13	6.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.16	ppb
Silver	107-1	-0.02	0.00	-0.01	-0.01		ppb
Sodium	23-2	111.44	103.83	113.43	109.57	4.62	ppb
Strontium	86-1	0.62	0.37	0.35	0.45	33.54	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	116.83	ppb
Sulfur	34-1	1721.53	1651.71	1832.57	1735.27	5.26	ppb
Terbium	159-1				84		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.07	0.08	0.06	50.85	ppb
Thallium	205-1	0.10	0.07	0.08	0.08	16.70	ppb
Tin	118-1	-0.06	-0.01	-0.04	-0.04		ppb
Titanium	47-1	0.34	0.22	0.32	0.29	22.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.29	ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	94.57	ppb
Yttrium	89-1				84		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BL	Instrumnet Name :	P8
Client Sample ID :	PB133613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:03:01	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				83		%
Zinc	66-2	-0.41	-0.62	-0.69	-0.57		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	96.51	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	327.16	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10224.26	10064.32	10178.60	10155.73	0.81	ppb
Antimony	121-1	480.27	494.15	512.34	495.59	3.24	ppb
Arsenic	75-2	495.83	495.89	499.53	497.08	0.43	ppb
Barium	135-1	2432.58	2481.12	2561.44	2491.71	2.61	ppb
Barium	137-1	2492.53	2529.24	2543.83	2521.87	1.05	ppb
Beryllium	9-1	488.70	499.68	503.20	497.20	1.52	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	375.95	442.37	476.67	431.67	11.86	ppb
Boron	11-1	375.87	436.38	475.80	429.35	11.72	ppb
Bromine	81-1						cps
Cadmium	111-1	476.13	490.73	507.02	491.29	3.15	ppb
Cadmium	106-1	500.34	488.71	516.23	501.76	2.75	ppb
Cadmium	108-1	479.29	483.55	509.93	490.92	3.38	ppb
Calcium	43-1	49573.70	50610.42	50513.97	50232.70	1.14	ppb
Calcium	44-1	49337.88	49250.06	50153.58	49580.51	1.00	ppb
Chromium	52-2	506.37	501.24	505.25	504.28	0.54	ppb
Cobalt	59-2	512.85	505.64	510.80	509.76	0.73	ppb
Copper	63-2	5231.40	5116.03	5226.37	5191.27	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	54-2	26731.33	26394.52	26680.48	26602.11	0.68	ppb
Iron	56-2	26429.79	26460.02	26271.42	26387.08	0.38	ppb
Iron	57-2	26918.15	26536.46	26713.10	26722.57	0.71	ppb
Krypton	83-1						cps
Lead	206-1	2445.76	2601.11	2466.81	2504.56	3.36	ppb
Lead	207-1	2402.70	2569.57	2469.74	2480.67	3.39	ppb
Lead	208-1	2414.81	2536.27	2466.75	2472.61	2.46	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	53264.77	51298.73	51855.18	52139.56	1.94	ppb
Manganese	55-2	5206.91	5028.20	5202.14	5145.75	1.98	ppb
Molybdenum	94-1	2427.76	2549.08	2516.89	2497.91	2.52	ppb
Molybdenum	95-1	2437.37	2479.85	2552.67	2489.97	2.34	ppb
Molybdenum	96-1	2456.38	2517.36	2529.60	2501.12	1.57	ppb
Molybdenum	97-1	2419.59	2544.54	2496.13	2486.75	2.53	ppb
Molybdenum	98-1	2433.00	2490.13	2477.47	2466.86	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.28	503.12	510.54	506.98	0.73	ppb
Phosphorus	31-2	10581.40	9815.81	10045.93	10147.71	3.87	ppb
Potassium	39-2	26621.96	26495.29	26419.38	26512.21	0.39	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	487.52	499.01	506.91	497.81	1.96	ppb
Selenium	77-2	528.81	477.14	493.01	499.65	5.30	ppb
Selenium	78-2	506.43	505.66	488.50	500.20	2.03	ppb
Silicon	28-1	376.56	429.86	445.93	417.45	8.70	ppb
Silver	109-1	479.00	496.96	502.72	492.90	2.51	ppb
Silver	107-1	483.36	503.26	508.38	498.33	2.65	ppb
Sodium	23-2	52689.13	51978.43	52236.06	52301.21	0.69	ppb
Strontium	86-1	484.39	504.52	505.29	498.07	2.38	ppb
Strontium	88-1	487.95	507.96	505.93	500.61	2.20	ppb
Sulfur	34-1	9373.73	9784.58	9177.34	9445.22	3.28	ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	486.78	505.20	479.16	490.38	2.73	ppb
Thallium	205-1	485.87	523.15	489.06	499.36	4.14	ppb
Tin	118-1	489.59	504.93	509.03	501.18	2.04	ppb
Titanium	47-1	2425.59	2449.21	2513.74	2462.85	1.85	ppb
Uranium	238-1	492.21	503.89	495.42	497.17	1.21	ppb
Vanadium	51-2	510.52	497.04	503.30	503.62	1.34	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	5128.46	5098.50	5085.15	5104.04	0.43	ppb
Zirconium	90-1	487.57	497.59	508.19	497.78	2.07	ppb
Zirconium	91-1	477.32	493.89	507.16	492.79	3.03	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17323.20	17453.43	17390.12	17388.92	0.37	ppb
Antimony	121-1	0.86	0.86	0.88	0.87	1.12	ppb
Arsenic	75-2	12.29	13.39	12.96	12.88	4.28	ppb
Barium	135-1	1191.52	1200.84	1199.09	1197.15	0.41	ppb
Barium	137-1	1203.38	1211.34	1216.20	1210.31	0.53	ppb
Beryllium	9-1	1.31	1.27	1.22	1.26	3.64	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	170.27	175.76	190.42	178.82	5.83	ppb
Boron	11-1	171.32	176.57	182.39	176.76	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.42	0.48	0.40	0.43	10.21	ppb
Cadmium	106-1	0.60	3.41	1.19	1.73	85.49	ppb
Cadmium	108-1	0.90	0.49	0.40	0.60	45.33	ppb
Calcium	43-1	26834.35	27553.96	27737.33	27375.21	1.74	ppb
Calcium	44-1	27305.87	27188.55	28171.85	27555.42	1.95	ppb
Chromium	52-2	159.18	161.46	159.34	159.99	0.79	ppb
Cobalt	59-2	14.84	14.85	14.68	14.79	0.64	ppb
Copper	63-2	89.81	89.67	89.65	89.71	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	54-2	41266.02	40867.47	41459.96	41197.82	0.73	ppb
Iron	56-2	40176.23	40992.39	40801.79	40656.80	1.05	ppb
Iron	57-2	40968.97	40848.23	41452.38	41089.86	0.78	ppb
Krypton	83-1						cps
Lead	206-1	285.64	288.79	284.54	286.32	0.77	ppb
Lead	207-1	263.81	273.46	268.12	268.46	1.80	ppb
Lead	208-1	275.28	280.12	277.92	277.77	0.87	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	8130.57	8268.04	8178.80	8192.47	0.85	ppb
Manganese	55-2	8095.24	8118.87	8188.96	8134.36	0.60	ppb
Molybdenum	94-1	20.83	21.20	21.67	21.23	1.99	ppb
Molybdenum	95-1	20.61	21.67	21.62	21.30	2.80	ppb
Molybdenum	96-1	20.86	20.88	22.27	21.34	3.78	ppb
Molybdenum	97-1	20.54	21.57	21.19	21.10	2.46	ppb
Molybdenum	98-1	20.81	21.03	21.62	21.15	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.61	72.68	70.81	72.03	1.48	ppb
Phosphorus	31-2	842.99	841.95	932.32	872.42	5.95	ppb
Potassium	39-2	10983.46	10957.10	11111.13	11017.23	0.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	1.00	3.77	3.49	2.75	55.37	ppb
Selenium	77-2	14.34	16.47	11.82	14.21	16.37	ppb
Selenium	78-2	6.47	7.59	6.41	6.82	9.78	ppb
Silicon	28-1	11475.47	11673.84	11603.60	11584.30	0.87	ppb
Silver	109-1	0.34	0.30	0.31	0.32	6.73	ppb
Silver	107-1	0.31	0.32	0.28	0.30	6.48	ppb
Sodium	23-2	129223.78	130933.42	130778.82	130312.01	0.73	ppb
Strontium	86-1	262.52	276.46	279.43	272.81	3.31	ppb
Strontium	88-1	272.34	278.67	284.16	278.39	2.12	ppb
Sulfur	34-1	-700.41	-974.88	-951.19	-875.49		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.53	0.47	0.53	0.51	6.79	ppb
Thallium	205-1	0.57	0.60	0.57	0.58	2.45	ppb
Tin	118-1	10.13	10.18	9.67	9.99	2.79	ppb
Titanium	47-1	767.81	792.38	790.76	783.65	1.75	ppb
Uranium	238-1	2.96	2.87	2.87	2.90	1.85	ppb
Vanadium	51-2	42.40	42.49	42.55	42.48	0.17	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	216.26	225.38	225.92	222.52	2.44	ppb
Zirconium	90-1	4.02	4.05	4.17	4.08	1.97	ppb
Zirconium	91-1	3.75	4.26	4.03	4.01	6.34	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:11:35 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	785.33	783.34	771.00	779.89	1.00	ppb
Antimony	121-1	0.51	0.50	0.49	0.50	2.02	ppb
Arsenic	75-2	31.74	31.24	30.91	31.29	1.33	ppb
Barium	135-1	27.52	26.92	28.89	27.78	3.64	ppb
Barium	137-1	28.24	27.88	29.52	28.55	3.02	ppb
Beryllium	9-1	0.29	0.24	0.23	0.25	12.12	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	99.40	103.52	100.06	100.99	2.19	ppb
Boron	11-1	97.46	102.99	104.33	101.59	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.04	-0.01	0.02	134.58	ppb
Cadmium	106-1	-0.57	-0.35	-3.25	-1.39		ppb
Cadmium	108-1	-0.06	-0.25	-0.25	-0.19		ppb
Calcium	43-1	288221.15	283120.71	286536.32	285959.39	0.91	ppb
Calcium	44-1	281025.17	276797.15	284653.18	280825.17	1.40	ppb
Chromium	52-2	0.67	0.61	0.60	0.63	6.76	ppb
Cobalt	59-2	22.61	23.21	22.31	22.71	2.02	ppb
Copper	63-2	2.75	2.68	2.79	2.74	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	54-2	18534.14	18501.24	18583.09	18539.49	0.22	ppb
Iron	56-2	18670.99	18743.61	18762.83	18725.81	0.26	ppb
Iron	57-2	18806.64	18961.02	18836.42	18868.03	0.43	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.72	0.70	0.70	2.80	ppb
Lead	207-1	0.78	0.68	0.81	0.76	8.81	ppb
Lead	208-1	0.71	0.68	0.69	0.69	2.25	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:11:35 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	27255.93	28080.85	27567.65	27634.81	1.51	ppb
Manganese	55-2	5881.56	5918.65	5981.48	5927.23	0.85	ppb
Molybdenum	94-1	3.55	4.24	3.80	3.86	8.96	ppb
Molybdenum	95-1	5.37	5.91	5.28	5.52	6.13	ppb
Molybdenum	96-1	5.71	5.45	5.67	5.61	2.51	ppb
Molybdenum	97-1	5.31	5.17	5.68	5.39	4.94	ppb
Molybdenum	98-1	5.26	5.44	5.75	5.48	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.44	28.72	27.89	28.02	2.32	ppb
Phosphorus	31-2	18752.75	18698.46	18357.54	18602.92	1.15	ppb
Potassium	39-2	24149.55	24323.93	24340.18	24271.22	0.44	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	0.25	-2.97	0.00	-0.91		ppb
Selenium	77-2	1.36	-3.45	-1.15	-1.08		ppb
Selenium	78-2	1.76	0.72	1.60	1.36	40.99	ppb
Silicon	28-1	9583.04	9636.96	9789.08	9669.69	1.10	ppb
Silver	109-1	0.01	0.02	0.03	0.02	66.67	ppb
Silver	107-1	0.01	0.01	0.02	0.01	36.20	ppb
Sodium	23-2	208671.25	214814.61	211224.70	211570.19	1.46	ppb
Strontium	86-1	1743.73	1814.36	1774.79	1777.63	1.99	ppb
Strontium	88-1	1755.72	1774.23	1793.79	1774.58	1.07	ppb
Sulfur	34-1	1941.64	795.18	1061.82	1266.21	47.38	ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	0.14	0.19	0.11	0.15	26.17	ppb
Thallium	205-1	0.14	0.16	0.16	0.15	4.74	ppb
Tin	118-1	0.01	0.05	0.05	0.04	59.99	ppb
Titanium	47-1	10.21	9.25	9.85	9.77	4.95	ppb
Uranium	238-1	0.38	0.52	0.44	0.44	15.93	ppb
Vanadium	51-2	2.06	2.27	1.94	2.09	7.97	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:11:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	5.34	4.96	5.70	5.33	6.95	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	96.43	ppb
Zirconium	91-1	0.01	-0.01	0.06	0.02	162.85	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:14:23 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	775.88	764.18	761.34	767.13	1.00	ppb
Antimony	121-1	0.45	0.50	0.51	0.49	6.00	ppb
Arsenic	75-2	31.37	31.15	30.93	31.15	0.71	ppb
Barium	135-1	27.65	28.50	27.62	27.93	1.79	ppb
Barium	137-1	27.37	27.20	28.68	27.75	2.92	ppb
Beryllium	9-1	0.21	0.23	0.25	0.23	8.56	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	10-1	84.39	91.44	93.07	89.63	5.14	ppb
Boron	11-1	85.34	91.34	97.28	91.32	6.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.02	0.02	23.28	ppb
Cadmium	106-1	-1.36	-1.63	-0.08	-1.02		ppb
Cadmium	108-1	-0.25	-0.06	0.14	-0.06		ppb
Calcium	43-1	277751.51	286448.71	290399.65	284866.62	2.27	ppb
Calcium	44-1	276889.31	280155.44	288945.71	281996.82	2.21	ppb
Chromium	52-2	0.42	0.54	0.66	0.54	21.83	ppb
Cobalt	59-2	23.14	22.95	22.22	22.77	2.14	ppb
Copper	63-2	2.48	2.48	2.57	2.51	2.02	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				91		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	54-2	18612.77	18379.58	17984.38	18325.58	1.73	ppb
Iron	56-2	18708.39	18467.94	18186.34	18454.22	1.42	ppb
Iron	57-2	18633.35	18620.59	18412.08	18555.34	0.67	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.71	0.76	0.69	11.45	ppb
Lead	207-1	0.63	0.74	0.65	0.67	8.25	ppb
Lead	208-1	0.62	0.72	0.70	0.68	7.54	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:14:23 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	27259.43	27169.92	26905.03	27111.46	0.68	ppb
Manganese	55-2	5913.85	5796.76	5690.35	5800.32	1.93	ppb
Molybdenum	94-1	3.69	3.98	4.17	3.95	6.05	ppb
Molybdenum	95-1	5.63	5.70	5.46	5.60	2.17	ppb
Molybdenum	96-1	5.27	5.37	5.44	5.36	1.67	ppb
Molybdenum	97-1	5.48	5.46	5.61	5.52	1.53	ppb
Molybdenum	98-1	5.42	5.81	5.57	5.60	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.40	27.05	26.71	26.72	1.21	ppb
Phosphorus	31-2	18705.87	18795.12	18585.45	18695.48	0.56	ppb
Potassium	39-2	23930.77	23839.55	23556.27	23775.53	0.82	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	-0.80	1.39	-0.29	0.10	1154.62	ppb
Selenium	77-2	-3.45	3.65	-3.45	-1.08		ppb
Selenium	78-2	1.81	5.02	1.14	2.66	77.92	ppb
Silicon	28-1	9683.14	9768.46	9841.13	9764.24	0.81	ppb
Silver	109-1	0.01	0.00	0.00	0.01	86.00	ppb
Silver	107-1	0.01	0.01	0.00	0.01	48.85	ppb
Sodium	23-2	212808.98	207787.10	205929.66	208841.92	1.70	ppb
Strontium	86-1	1716.05	1756.31	1792.19	1754.85	2.17	ppb
Strontium	88-1	1723.04	1792.56	1810.34	1775.31	2.60	ppb
Sulfur	34-1	996.74	815.79	1437.27	1083.27	29.51	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.10	0.05	0.07	0.08	31.97	ppb
Thallium	205-1	0.10	0.12	0.12	0.11	11.20	ppb
Tin	118-1	0.03	0.04	0.03	0.03	20.07	ppb
Titanium	47-1	10.18	9.96	10.59	10.24	3.11	ppb
Uranium	238-1	0.54	0.45	0.46	0.49	10.16	ppb
Vanadium	51-2	2.31	2.18	2.29	2.26	3.22	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:14:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				87		%
Zinc	66-2	5.86	6.15	6.84	6.28	8.02	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	54.29	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	55.61	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-16 16:17:13 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.03	145.87	153.63	151.18	3.04	ppb
Antimony	121-1	0.06	0.11	0.13	0.10	34.03	ppb
Arsenic	75-2	5.99	5.83	6.23	6.02	3.33	ppb
Barium	135-1	5.09	5.42	5.12	5.21	3.50	ppb
Barium	137-1	5.22	5.38	5.07	5.22	3.01	ppb
Beryllium	9-1	0.16	0.25	0.20	0.20	21.94	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	36.48	38.12	37.64	37.41	2.25	ppb
Boron	11-1	38.59	38.01	38.36	38.32	0.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	0.01	0.01	34.11	ppb
Cadmium	106-1	-1.49	2.45	0.95	0.64	312.08	ppb
Cadmium	108-1	-0.16	-0.25	0.13	-0.09		ppb
Calcium	43-1	54446.23	53054.51	54400.00	53966.92	1.46	ppb
Calcium	44-1	53882.55	52640.89	53434.68	53319.37	1.18	ppb
Chromium	52-2	0.24	0.24	0.18	0.22	15.82	ppb
Cobalt	59-2	4.55	4.59	4.55	4.56	0.58	ppb
Copper	63-2	1.12	0.89	1.07	1.03	11.85	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				94		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	54-2	3631.22	3502.86	3572.24	3568.77	1.80	ppb
Iron	56-2	3670.87	3679.30	3623.57	3657.92	0.82	ppb
Iron	57-2	3717.22	3642.04	3637.33	3665.53	1.22	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.40	0.38	0.36	11.00	ppb
Lead	207-1	0.39	0.36	0.32	0.36	9.00	ppb
Lead	208-1	0.34	0.39	0.38	0.37	6.85	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-16 16:17:13 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	5358.19	5329.25	5319.91	5335.78	0.37	ppb
Manganese	55-2	1128.40	1118.60	1117.60	1121.53	0.53	ppb
Molybdenum	94-1	0.72	0.79	0.84	0.78	7.96	ppb
Molybdenum	95-1	1.00	1.11	1.03	1.05	5.14	ppb
Molybdenum	96-1	0.92	1.04	1.15	1.04	10.71	ppb
Molybdenum	97-1	0.91	1.12	0.85	0.96	14.72	ppb
Molybdenum	98-1	1.04	1.14	1.19	1.12	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.77	5.40	5.65	5.61	3.35	ppb
Phosphorus	31-2	3527.59	3592.92	3723.05	3614.52	2.75	ppb
Potassium	39-2	4691.38	4677.79	4652.42	4673.86	0.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	1.98	0.40	-2.57	-0.06		ppb
Selenium	77-2	-3.45	1.15	-1.12	-1.14		ppb
Selenium	78-2	2.98	0.35	2.55	1.96	72.20	ppb
Silicon	28-1	1884.43	1867.74	1873.75	1875.30	0.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	43.69	ppb
Silver	107-1	0.01	0.00	0.00	0.00	338.67	ppb
Sodium	23-2	40399.72	41337.02	40844.38	40860.37	1.15	ppb
Strontium	86-1	326.50	334.19	342.75	334.48	2.43	ppb
Strontium	88-1	333.42	337.98	349.52	340.31	2.44	ppb
Sulfur	34-1	220.34	-1366.89	-1060.18	-735.58		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.02	0.02	0.02	96.53	ppb
Thallium	205-1	0.02	0.07	0.02	0.03	80.02	ppb
Tin	118-1	-0.03	0.01	-0.04	-0.02		ppb
Titanium	47-1	1.83	1.50	2.23	1.85	19.50	ppb
Uranium	238-1	0.08	0.08	0.10	0.09	8.60	ppb
Vanadium	51-2	0.51	0.47	0.44	0.47	7.35	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 16:17:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	0.80	0.35	0.61	0.59	38.09	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	54.96	ppb
Zirconium	91-1	-0.02	-0.01	0.03	0.00		ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:20:01 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11146.03	10850.42	11064.89	11020.45	1.39	ppb
Antimony	121-1	486.37	503.37	466.06	485.27	3.85	ppb
Arsenic	75-2	530.20	523.16	529.28	527.54	0.72	ppb
Barium	135-1	2573.89	2669.36	2496.11	2579.79	3.36	ppb
Barium	137-1	2587.80	2664.73	2541.28	2597.94	2.40	ppb
Beryllium	9-1	479.17	481.27	479.66	480.03	0.23	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Boron	10-1	514.18	564.90	599.54	559.54	7.67	ppb
Boron	11-1	513.36	574.05	598.49	561.97	7.80	ppb
Bromine	81-1						cps
Cadmium	111-1	470.71	499.65	464.67	478.34	3.91	ppb
Cadmium	106-1	414.78	447.91	414.13	425.60	4.54	ppb
Cadmium	108-1	439.93	476.75	428.95	448.54	5.58	ppb
Calcium	43-1	336031.34	344297.12	335141.95	338490.13	1.49	ppb
Calcium	44-1	335754.21	338303.84	327602.40	333886.82	1.67	ppb
Chromium	52-2	492.82	478.25	486.92	486.00	1.51	ppb
Cobalt	59-2	522.56	503.54	510.62	512.24	1.88	ppb
Copper	63-2	1044.95	1011.46	1029.29	1028.57	1.63	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				87		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	54-2	47064.60	46209.73	46347.23	46540.52	0.99	ppb
Iron	56-2	45744.23	44376.43	45480.31	45200.32	1.61	ppb
Iron	57-2	45696.52	45131.41	45650.06	45492.66	0.69	ppb
Krypton	83-1						cps
Lead	206-1	462.10	472.50	448.52	461.04	2.61	ppb
Lead	207-1	463.29	466.03	449.04	459.45	1.98	ppb
Lead	208-1	463.75	466.27	450.91	460.31	1.79	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:20:01 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	82810.28	79902.82	82464.51	81725.87	1.94	ppb
Manganese	55-2	6962.37	6838.23	7051.88	6950.83	1.54	ppb
Molybdenum	94-1	1997.98	2041.45	1919.25	1986.23	3.12	ppb
Molybdenum	95-1	2655.46	2693.88	2516.83	2622.05	3.55	ppb
Molybdenum	96-1	2550.83	2637.04	2461.25	2549.70	3.45	ppb
Molybdenum	97-1	2654.78	2673.49	2530.46	2619.58	2.97	ppb
Molybdenum	98-1	2609.43	2671.02	2430.72	2570.39	4.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.53	527.46	540.90	537.30	1.60	ppb
Phosphorus	31-2	18929.38	18504.97	18590.47	18674.94	1.20	ppb
Potassium	39-2	50265.94	49294.99	51108.55	50223.16	1.81	ppb
Rhodium	103-1				82		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	499.66	501.90	481.98	494.51	2.21	ppb
Selenium	77-2	500.62	461.03	493.95	485.20	4.37	ppb
Selenium	78-2	486.80	478.12	479.80	481.57	0.96	ppb
Silicon	28-1	10319.01	10727.32	9936.76	10327.70	3.83	ppb
Silver	109-1	93.15	33.69	31.47	52.77	66.30	ppb
Silver	107-1	31.91	34.16	32.88	32.98	3.42	ppb
Sodium	23-2	265316.58	259914.29	264200.60	263143.82	1.08	ppb
Strontium	86-1	2288.77	2343.30	2219.66	2283.91	2.71	ppb
Strontium	88-1	2296.35	2332.40	2229.60	2286.12	2.28	ppb
Sulfur	34-1	2015.21	3943.12	6.33	1988.22	99.01	ppb
Terbium	159-1				86		%
Terbium	159-2				91		%
Thallium	203-1	488.89	489.56	486.66	488.37	0.31	ppb
Thallium	205-1	496.17	501.36	486.76	494.76	1.50	ppb
Tin	118-1	399.87	416.56	393.31	403.25	2.97	ppb
Titanium	47-1	2429.54	2508.97	2378.66	2439.06	2.69	ppb
Uranium	238-1	507.88	503.26	493.24	501.46	1.49	ppb
Vanadium	51-2	493.02	482.53	494.26	489.94	1.31	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:20:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	1017.27	994.06	1005.27	1005.53	1.15	ppb
Zirconium	90-1	107.21	114.25	103.80	108.42	4.91	ppb
Zirconium	91-1	105.26	115.91	104.17	108.45	5.98	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:22:52 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11243.97	11166.16	11042.71	11150.95	0.91	ppb
Antimony	121-1	476.90	485.53	499.12	487.19	2.30	ppb
Arsenic	75-2	532.76	524.57	535.20	530.84	1.05	ppb
Barium	135-1	2583.23	2640.00	2671.05	2631.43	1.69	ppb
Barium	137-1	2597.54	2641.08	2670.35	2636.32	1.39	ppb
Beryllium	9-1	481.54	487.50	495.74	488.26	1.46	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	573.69	633.43	662.81	623.31	7.29	ppb
Boron	11-1	569.70	619.02	664.86	617.86	7.70	ppb
Bromine	81-1						cps
Cadmium	111-1	461.33	473.20	483.08	472.54	2.30	ppb
Cadmium	106-1	423.17	431.43	447.07	433.89	2.80	ppb
Cadmium	108-1	452.26	444.86	473.17	456.76	3.21	ppb
Calcium	43-1	329118.70	340217.04	333383.50	334239.74	1.67	ppb
Calcium	44-1	324040.17	333991.93	331673.68	329901.92	1.58	ppb
Chromium	52-2	498.83	490.99	492.37	494.06	0.85	ppb
Cobalt	59-2	526.06	515.35	520.07	520.49	1.03	ppb
Copper	63-2	1053.46	1029.78	1036.73	1039.99	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	54-2	46685.51	46964.53	46438.56	46696.20	0.56	ppb
Iron	56-2	45394.08	45374.53	44958.32	45242.31	0.54	ppb
Iron	57-2	46224.08	45624.32	45184.36	45677.59	1.14	ppb
Krypton	83-1						cps
Lead	206-1	454.25	459.80	464.34	459.46	1.10	ppb
Lead	207-1	450.68	457.20	462.62	456.83	1.31	ppb
Lead	208-1	454.05	464.75	465.20	461.33	1.37	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:22:52	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	82202.56	83318.87	81016.42	82179.28	1.40	ppb
Manganese	55-2	6949.79	6878.96	6880.14	6902.96	0.59	ppb
Molybdenum	94-1	2085.81	2084.12	2250.49	2140.14	4.47	ppb
Molybdenum	95-1	2553.56	2567.70	2735.66	2618.97	3.87	ppb
Molybdenum	96-1	2493.66	2503.06	2619.73	2538.82	2.77	ppb
Molybdenum	97-1	2530.25	2567.88	2725.10	2607.74	3.96	ppb
Molybdenum	98-1	2543.23	2550.80	2704.55	2599.53	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.09	542.84	546.92	545.95	0.50	ppb
Phosphorus	31-2	18394.68	18612.88	18432.88	18480.15	0.63	ppb
Potassium	39-2	51482.36	50847.28	50674.55	51001.40	0.83	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	481.41	478.65	507.83	489.30	3.29	ppb
Selenium	77-2	433.00	488.36	485.61	468.99	6.65	ppb
Selenium	78-2	483.08	477.24	493.40	484.57	1.69	ppb
Silicon	28-1	9995.61	9970.92	10087.80	10018.11	0.61	ppb
Silver	109-1	31.91	33.86	33.20	32.99	3.00	ppb
Silver	107-1	33.71	33.90	34.65	34.09	1.47	ppb
Sodium	23-2	261873.39	262488.53	258435.64	260932.52	0.84	ppb
Strontium	86-1	2172.63	2171.43	2263.56	2202.54	2.40	ppb
Strontium	88-1	2198.71	2224.54	2308.93	2244.06	2.57	ppb
Sulfur	34-1	1005.99	841.49	778.92	875.47	13.40	ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	493.34	488.90	497.69	493.31	0.89	ppb
Thallium	205-1	499.27	509.07	495.65	501.33	1.38	ppb
Tin	118-1	486.23	493.35	500.01	493.20	1.40	ppb
Titanium	47-1	2490.58	2472.97	2513.94	2492.49	0.82	ppb
Uranium	238-1	486.72	502.87	516.60	502.06	2.98	ppb
Vanadium	51-2	501.68	497.28	493.70	497.56	0.80	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:22:52	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	1042.87	1018.24	1023.66	1028.26	1.26	ppb
Zirconium	90-1	203.98	205.38	219.41	209.59	4.07	ppb
Zirconium	91-1	199.54	206.34	211.62	205.83	2.94	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01A Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:25:40 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11740.85	11539.50	10973.05	11417.80	3.49	ppb
Antimony	121-1	488.73	492.11	490.21	490.35	0.35	ppb
Arsenic	75-2	571.47	543.57	537.41	550.82	3.29	ppb
Barium	135-1	2575.56	2607.95	2614.32	2599.28	0.80	ppb
Barium	137-1	2661.98	2613.45	2632.65	2636.03	0.93	ppb
Beryllium	9-1	488.59	486.97	473.91	483.16	1.67	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	604.23	646.37	652.69	634.43	4.15	ppb
Boron	11-1	596.97	650.75	650.17	632.63	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	475.99	476.93	474.50	475.80	0.26	ppb
Cadmium	106-1	439.29	418.29	429.64	429.07	2.45	ppb
Cadmium	108-1	453.62	455.77	452.79	454.06	0.34	ppb
Calcium	43-1	337601.21	342062.43	340704.02	340122.55	0.67	ppb
Calcium	44-1	337568.57	340310.09	337529.38	338469.35	0.47	ppb
Chromium	52-2	525.92	509.62	490.76	508.76	3.46	ppb
Cobalt	59-2	551.22	536.60	518.94	535.59	3.02	ppb
Copper	63-2	1103.98	1088.54	1039.19	1077.24	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	54-2	49832.52	49387.66	45396.33	48205.51	5.07	ppb
Iron	56-2	48167.07	47265.40	44726.99	46719.82	3.82	ppb
Iron	57-2	48554.19	47339.67	45619.09	47170.98	3.13	ppb
Krypton	83-1						cps
Lead	206-1	466.12	462.56	445.22	457.97	2.44	ppb
Lead	207-1	471.10	459.60	448.39	459.70	2.47	ppb
Lead	208-1	469.97	464.88	448.77	461.21	2.40	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:25:40	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	85093.62	84615.46	82012.05	83907.04	1.98	ppb
Manganese	55-2	7537.12	7126.91	6932.27	7198.76	4.29	ppb
Molybdenum	94-1	2086.04	2072.70	2055.19	2071.31	0.75	ppb
Molybdenum	95-1	2632.03	2678.05	2617.00	2642.36	1.20	ppb
Molybdenum	96-1	2619.56	2574.06	2528.28	2573.97	1.77	ppb
Molybdenum	97-1	2728.42	2648.68	2579.64	2652.25	2.81	ppb
Molybdenum	98-1	2619.90	2634.70	2551.76	2602.12	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.50	568.03	545.11	564.88	3.26	ppb
Phosphorus	31-2	19941.39	19872.00	18357.70	19390.37	4.62	ppb
Potassium	39-2	53967.86	52271.14	49883.24	52040.75	3.94	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	82-1	495.16	488.34	495.58	493.03	0.83	ppb
Selenium	77-2	567.70	497.50	500.76	521.99	7.59	ppb
Selenium	78-2	530.72	494.75	510.13	511.87	3.53	ppb
Silicon	28-1	10293.58	10522.59	9994.88	10270.35	2.58	ppb
Silver	109-1	296.83	292.46	276.95	288.75	3.62	ppb
Silver	107-1	296.91	310.52	290.43	299.29	3.43	ppb
Sodium	23-2	277127.76	274430.94	259710.50	270423.07	3.47	ppb
Strontium	86-1	2237.26	2282.37	2218.76	2246.13	1.46	ppb
Strontium	88-1	2259.88	2281.16	2261.42	2267.49	0.52	ppb
Sulfur	34-1	1460.94	1386.63	679.57	1175.72	36.68	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	497.55	488.53	471.17	485.75	2.76	ppb
Thallium	205-1	500.88	497.99	489.66	496.18	1.17	ppb
Tin	118-1	443.97	443.59	441.29	442.95	0.33	ppb
Titanium	47-1	2503.31	2511.80	2473.03	2496.05	0.82	ppb
Uranium	238-1	518.38	499.04	495.44	504.29	2.45	ppb
Vanadium	51-2	527.18	515.51	492.59	511.76	3.44	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:25:40	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	1083.97	1061.31	1020.06	1055.11	3.07	ppb
Zirconium	90-1	152.98	148.94	149.17	150.36	1.51	ppb
Zirconium	91-1	148.08	146.72	147.80	147.53	0.48	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-5227-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:28:31 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.24	120.42	113.88	115.52	3.75	ppb
Antimony	121-1	0.49	0.46	0.43	0.46	6.88	ppb
Arsenic	75-2	5.14	5.17	4.85	5.06	3.53	ppb
Barium	135-1	37.69	40.13	41.44	39.75	4.79	ppb
Barium	137-1	37.47	40.34	39.60	39.14	3.80	ppb
Beryllium	9-1	0.67	0.63	0.58	0.62	7.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	120.30	120.08	112.32	117.57	3.87	ppb
Boron	11-1	119.82	117.87	114.27	117.32	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.25	0.28	0.29	16.57	ppb
Cadmium	106-1	-0.94	2.24	2.14	1.15	157.74	ppb
Cadmium	108-1	0.29	0.03	0.39	0.24	80.02	ppb
Calcium	43-1	62252.36	62120.80	63031.29	62468.15	0.79	ppb
Calcium	44-1	61684.74	61842.59	63087.42	62204.92	1.24	ppb
Chromium	52-2	0.85	0.66	0.69	0.73	14.51	ppb
Cobalt	59-2	1.97	1.96	2.06	2.00	2.84	ppb
Copper	63-2	1.33	1.08	1.11	1.17	11.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	3001.42	3074.80	2954.92	3010.38	2.01	ppb
Iron	56-2	3037.98	3066.88	3010.36	3038.41	0.93	ppb
Iron	57-2	3016.85	2986.74	3001.23	3001.61	0.50	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.77	0.73	0.76	3.86	ppb
Lead	207-1	0.78	0.78	0.72	0.76	4.86	ppb
Lead	208-1	0.77	0.78	0.65	0.73	9.69	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5227-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:28:31	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	8058.70	8082.08	7889.26	8010.01	1.31	ppb
Manganese	55-2	2795.34	2813.09	2776.40	2794.94	0.66	ppb
Molybdenum	94-1	4.57	3.90	4.12	4.19	8.14	ppb
Molybdenum	95-1	6.06	5.69	5.42	5.72	5.69	ppb
Molybdenum	96-1	5.75	5.34	5.18	5.42	5.45	ppb
Molybdenum	97-1	5.77	5.53	5.15	5.48	5.71	ppb
Molybdenum	98-1	5.97	5.79	5.30	5.68	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	5.01	5.34	5.12	3.69	ppb
Phosphorus	31-2	-3.88	23.91	4.49	8.17	174.52	ppb
Potassium	39-2	6515.64	6530.36	6571.56	6539.19	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	-2.01	1.22	-0.59	-0.46		ppb
Selenium	77-2	0.98	5.48	1.04	2.50	103.06	ppb
Selenium	78-2	0.27	1.72	1.97	1.32	69.83	ppb
Silicon	28-1	2897.94	2849.48	2902.14	2883.19	1.02	ppb
Silver	109-1	0.38	0.40	0.44	0.40	6.96	ppb
Silver	107-1	0.38	0.41	0.45	0.41	8.59	ppb
Sodium	23-2	33031.69	33067.01	32547.56	32882.09	0.88	ppb
Strontium	86-1	299.25	300.26	307.92	302.48	1.57	ppb
Strontium	88-1	301.39	305.91	309.85	305.72	1.38	ppb
Sulfur	34-1	24704.80	16927.29	24754.71	22128.93	20.36	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.67	0.56	0.52	0.58	13.14	ppb
Thallium	205-1	0.62	0.49	0.40	0.50	21.26	ppb
Tin	118-1	0.13	0.23	0.07	0.14	55.55	ppb
Titanium	47-1	6.70	6.29	5.92	6.30	6.22	ppb
Uranium	238-1	1.10	1.07	0.99	1.05	5.58	ppb
Vanadium	51-2	0.62	0.63	0.57	0.60	5.16	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5227-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:28:31	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	2.88	3.02	3.30	3.07	6.87	ppb
Zirconium	90-1	0.23	0.24	0.20	0.22	8.49	ppb
Zirconium	91-1	0.15	0.18	0.14	0.16	13.46	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:33:23	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47856.09	48277.46	49473.54	48535.70	1.73	ppb
Antimony	121-1	497.36	494.71	497.81	496.63	0.34	ppb
Arsenic	75-2	494.56	497.65	501.80	498.00	0.73	ppb
Barium	135-1	2534.55	2511.28	2550.62	2532.15	0.78	ppb
Barium	137-1	2563.96	2525.04	2508.59	2532.53	1.12	ppb
Beryllium	9-1	490.74	491.43	493.80	491.99	0.33	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	445.65	485.37	523.56	484.86	8.03	ppb
Boron	11-1	448.25	489.81	516.93	484.99	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	476.88	483.43	483.63	481.32	0.80	ppb
Cadmium	106-1	488.77	495.09	474.74	486.20	2.14	ppb
Cadmium	108-1	494.41	476.85	485.56	485.61	1.81	ppb
Calcium	43-1	255663.38	258899.41	254336.37	256299.72	0.92	ppb
Calcium	44-1	256767.65	257483.68	259589.75	257947.03	0.57	ppb
Chromium	52-2	499.67	498.35	513.41	503.81	1.66	ppb
Cobalt	59-2	491.73	501.33	515.29	502.78	2.36	ppb
Copper	63-2	4917.23	4902.29	5166.33	4995.28	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	54-2	122985.60	123457.89	128656.18	125033.22	2.52	ppb
Iron	56-2	121061.64	123264.70	128045.88	124124.07	2.88	ppb
Iron	57-2	125742.02	127798.58	132645.06	128728.55	2.75	ppb
Krypton	83-1						cps
Lead	206-1	2571.57	2563.73	2543.67	2559.66	0.56	ppb
Lead	207-1	2541.22	2536.60	2524.43	2534.08	0.34	ppb
Lead	208-1	2554.63	2548.58	2519.19	2540.80	0.75	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:33:23	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	247796.61	249233.33	258094.03	251707.99	2.22	ppb
Manganese	55-2	5028.59	5108.67	5210.49	5115.92	1.78	ppb
Molybdenum	94-1	2589.32	2609.42	2549.75	2582.83	1.18	ppb
Molybdenum	95-1	2518.86	2582.64	2542.09	2547.87	1.27	ppb
Molybdenum	96-1	2509.28	2571.15	2555.92	2545.45	1.27	ppb
Molybdenum	97-1	2529.53	2611.32	2540.54	2560.46	1.73	ppb
Molybdenum	98-1	2537.72	2525.81	2526.57	2530.03	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.71	493.94	505.31	496.65	1.54	ppb
Phosphorus	31-2	9687.68	10139.54	10643.43	10156.88	4.71	ppb
Potassium	39-2	126270.91	123651.76	128918.09	126280.26	2.09	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	500.10	504.10	497.06	500.42	0.71	ppb
Selenium	77-2	430.69	516.44	508.71	485.28	9.78	ppb
Selenium	78-2	489.92	492.38	511.82	498.04	2.41	ppb
Silicon	28-1	444.95	514.01	536.07	498.34	9.54	ppb
Silver	109-1	483.94	491.57	487.68	487.73	0.78	ppb
Silver	107-1	487.06	486.09	488.83	487.33	0.29	ppb
Sodium	23-2	246521.60	248871.66	255937.01	250443.42	1.96	ppb
Strontium	86-1	499.39	512.40	500.63	504.14	1.42	ppb
Strontium	88-1	510.74	507.53	512.60	510.29	0.50	ppb
Sulfur	34-1	8436.48	8470.07	8263.73	8390.09	1.32	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	499.77	498.55	496.64	498.32	0.32	ppb
Thallium	205-1	517.30	507.36	497.81	507.49	1.92	ppb
Tin	118-1	503.96	498.43	497.66	500.02	0.69	ppb
Titanium	47-1	2427.82	2449.51	2458.59	2445.31	0.65	ppb
Uranium	238-1	524.19	517.59	521.54	521.11	0.64	ppb
Vanadium	51-2	494.01	494.86	517.63	502.16	2.67	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:33:23	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	4888.63	4928.95	5091.83	4969.81	2.16	ppb
Zirconium	90-1	516.24	502.86	517.07	512.06	1.56	ppb
Zirconium	91-1	506.36	503.12	498.70	502.73	0.77	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:42:04 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	3.42	2.30	2.28	50.21	ppb
Antimony	121-1	0.04	0.08	0.10	0.08	39.41	ppb
Arsenic	75-2	0.02	0.06	0.00	0.03	108.82	ppb
Barium	135-1	-0.02	0.04	0.06	0.03	157.24	ppb
Barium	137-1	0.12	0.06	0.11	0.10	31.70	ppb
Beryllium	9-1	0.29	0.31	0.33	0.31	7.23	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	22.75	22.59	22.14	22.49	1.42	ppb
Boron	11-1	22.42	21.45	22.31	22.06	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	0.06	0.03	125.76	ppb
Cadmium	106-1	0.02	0.40	0.33	0.25	81.92	ppb
Cadmium	108-1	-0.15	-0.15	-0.05	-0.12		ppb
Calcium	43-1	-7.41	-1.73	7.78	-0.45		ppb
Calcium	44-1	16.37	16.23	33.14	21.91	44.37	ppb
Chromium	52-2	0.22	0.24	0.21	0.22	5.66	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	16.88	ppb
Copper	63-2	0.53	0.45	0.42	0.46	11.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	54-2	7.91	6.87	2.62	5.80	48.35	ppb
Iron	56-2	3.89	3.70	3.52	3.70	5.08	ppb
Iron	57-2	-1.42	-1.58	-1.20	-1.40		ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.31	0.40	0.37	12.37	ppb
Lead	207-1	0.35	0.37	0.47	0.40	16.76	ppb
Lead	208-1	0.38	0.36	0.45	0.39	11.76	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:42:04	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	4.21	6.69	8.02	6.30	30.64	ppb
Manganese	55-2	0.38	0.34	0.51	0.41	22.16	ppb
Molybdenum	94-1	0.08	0.54	0.53	0.39	67.63	ppb
Molybdenum	95-1	0.04	0.06	0.13	0.08	60.68	ppb
Molybdenum	96-1	0.07	0.10	0.19	0.12	56.34	ppb
Molybdenum	97-1	0.08	0.04	0.20	0.11	78.33	ppb
Molybdenum	98-1	0.06	0.05	0.11	0.07	46.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.03	-0.02		ppb
Phosphorus	31-2	38.69	-24.38	-4.75	3.18	1013.91	ppb
Potassium	39-2	62.57	46.31	86.19	65.02	30.84	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	4.27	2.01	-1.51	1.59	183.46	ppb
Selenium	77-2	-3.45	-3.45	1.13	-1.92		ppb
Selenium	78-2	1.31	0.21	0.30	0.61	99.87	ppb
Silicon	28-1	53.26	54.19	69.37	58.94	15.35	ppb
Silver	109-1	0.18	0.34	0.57	0.36	53.58	ppb
Silver	107-1	0.19	0.27	0.47	0.31	45.78	ppb
Sodium	23-2	139.26	128.05	125.36	130.89	5.63	ppb
Strontium	86-1	0.16	0.30	0.60	0.35	62.51	ppb
Strontium	88-1	0.02	0.02	0.06	0.03	75.51	ppb
Sulfur	34-1	433.20	-65.26	1981.05	783.00	136.28	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.06	0.03	79.38	ppb
Thallium	205-1	0.10	0.05	0.05	0.06	46.01	ppb
Tin	118-1	0.00	0.18	0.06	0.08	115.21	ppb
Titanium	47-1	0.09	0.02	0.28	0.13	105.97	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	113.02	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:42:04	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	-0.46	-0.23	-0.50	-0.40		ppb
Zirconium	90-1	0.02	0.52	0.31	0.28	87.97	ppb
Zirconium	91-1	0.01	0.37	0.24	0.21	87.68	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-05 Instrumnet Name : P8
 Client Sample ID : TU032-32-5780-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:45:38 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.99	41.42	41.96	41.45	1.17	ppb
Antimony	121-1	0.05	0.05	0.11	0.07	46.87	ppb
Arsenic	75-2	15.31	14.30	13.77	14.46	5.43	ppb
Barium	135-1	27.34	27.70	27.50	27.51	0.66	ppb
Barium	137-1	28.59	27.31	27.41	27.77	2.57	ppb
Beryllium	9-1	0.25	0.20	0.22	0.23	10.46	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	46.95	50.81	55.20	50.99	8.10	ppb
Boron	11-1	48.49	53.75	55.89	52.71	7.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	0.05	0.03	53.62	ppb
Cadmium	106-1	-0.49	0.44	-1.06	-0.37		ppb
Cadmium	108-1	-0.06	-0.16	-0.16	-0.13		ppb
Calcium	43-1	60275.21	61528.74	61324.28	61042.74	1.10	ppb
Calcium	44-1	59914.10	61369.29	62262.81	61182.07	1.94	ppb
Chromium	52-2	0.50	0.25	0.29	0.35	38.92	ppb
Cobalt	59-2	0.23	0.26	0.23	0.24	6.98	ppb
Copper	63-2	0.56	0.55	0.59	0.57	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	1074.35	1059.58	1086.23	1073.39	1.24	ppb
Iron	56-2	1070.80	1079.01	1079.14	1076.31	0.44	ppb
Iron	57-2	1070.13	1108.69	1125.71	1101.51	2.59	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.45	0.39	0.41	9.64	ppb
Lead	207-1	0.32	0.37	0.40	0.36	10.42	ppb
Lead	208-1	0.33	0.40	0.39	0.38	10.32	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5780-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:45:38	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	18572.15	18466.49	18274.00	18437.55	0.82	ppb
Manganese	55-2	1283.50	1295.29	1277.39	1285.39	0.71	ppb
Molybdenum	94-1	1.23	1.18	1.05	1.15	8.37	ppb
Molybdenum	95-1	1.54	1.33	1.29	1.38	9.64	ppb
Molybdenum	96-1	1.38	1.33	1.43	1.38	3.43	ppb
Molybdenum	97-1	1.23	1.70	1.57	1.50	16.30	ppb
Molybdenum	98-1	1.50	1.60	1.51	1.54	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.25	0.22	0.23	8.07	ppb
Phosphorus	31-2	93.95	41.28	34.86	56.69	57.19	ppb
Potassium	39-2	5892.71	6040.08	5938.61	5957.13	1.27	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.54	1.58	6.19	2.41	142.59	ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	2.19	0.88	3.81	2.29	64.04	ppb
Silicon	28-1	4126.77	4242.66	4227.05	4198.82	1.50	ppb
Silver	109-1	0.03	0.06	0.07	0.05	38.55	ppb
Silver	107-1	0.03	0.02	0.04	0.03	29.50	ppb
Sodium	23-2	71292.24	70831.91	69435.85	70520.00	1.37	ppb
Strontium	86-1	342.46	355.11	339.03	345.53	2.45	ppb
Strontium	88-1	346.19	358.39	343.67	349.42	2.25	ppb
Sulfur	34-1	1507.79	1597.14	1314.52	1473.15	9.81	ppb
Terbium	159-1				92		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.03	-0.01	0.02	139.79	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	39.03	ppb
Tin	118-1	0.33	0.39	0.38	0.37	8.78	ppb
Titanium	47-1	2.03	2.30	2.37	2.23	8.12	ppb
Uranium	238-1	0.62	0.63	0.63	0.62	1.10	ppb
Vanadium	51-2	0.48	0.58	0.54	0.53	9.00	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5780-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:45:38	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	1.95	2.06	2.51	2.17	13.58	ppb
Zirconium	90-1	0.11	0.08	0.13	0.11	20.63	ppb
Zirconium	91-1	0.12	0.18	0.11	0.13	27.88	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-6777-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:48:29 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.41	32.52	31.43	31.45	3.37	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	20.25	ppb
Arsenic	75-2	29.53	30.93	30.73	30.40	2.50	ppb
Barium	135-1	59.04	63.10	62.25	61.46	3.49	ppb
Barium	137-1	61.89	62.42	62.77	62.36	0.70	ppb
Beryllium	9-1	0.19	0.25	0.21	0.22	14.21	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	68.25	77.87	84.72	76.95	10.76	ppb
Boron	11-1	68.72	77.47	84.62	76.94	10.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.00	-0.01	0.00	313.24	ppb
Cadmium	106-1	-0.63	-1.95	-0.51	-1.03		ppb
Cadmium	108-1	-0.17	-0.26	0.40	-0.01		ppb
Calcium	43-1	121507.11	123126.17	126731.21	123788.16	2.16	ppb
Calcium	44-1	123497.35	121316.67	128359.16	124391.06	2.90	ppb
Chromium	52-2	0.40	0.40	0.38	0.39	3.22	ppb
Cobalt	59-2	0.76	0.77	0.79	0.77	2.09	ppb
Copper	63-2	0.47	0.35	0.48	0.43	16.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	54-2	7266.20	7182.30	7165.27	7204.59	0.75	ppb
Iron	56-2	7229.37	7309.79	7346.53	7295.23	0.82	ppb
Iron	57-2	7322.80	7179.87	7267.72	7256.80	0.99	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.29	0.39	0.30	25.94	ppb
Lead	207-1	0.35	0.38	0.33	0.35	7.01	ppb
Lead	208-1	0.33	0.34	0.35	0.34	2.49	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-6777-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:48:29 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	41428.40	40142.85	40506.68	40692.65	1.63	ppb
Manganese	55-2	1151.44	1143.13	1142.60	1145.72	0.43	ppb
Molybdenum	94-1	0.46	0.36	0.37	0.40	14.10	ppb
Molybdenum	95-1	0.30	0.24	0.39	0.31	23.79	ppb
Molybdenum	96-1	0.31	0.30	0.43	0.35	19.79	ppb
Molybdenum	97-1	0.37	0.24	0.26	0.29	23.09	ppb
Molybdenum	98-1	0.25	0.33	0.24	0.27	17.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.19	0.18	0.26	49.39	ppb
Phosphorus	31-2	203.38	62.89	153.78	140.02	50.88	ppb
Potassium	39-2	7983.79	7898.44	7907.68	7929.97	0.59	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	2.84	-1.16	1.02	0.90	223.66	ppb
Selenium	77-2	1.12	-1.17	-3.45	-1.16		ppb
Selenium	78-2	3.77	2.33	1.72	2.61	40.44	ppb
Silicon	28-1	4707.35	4784.44	5064.02	4851.94	3.87	ppb
Silver	109-1	0.04	0.03	0.05	0.04	23.31	ppb
Silver	107-1	0.01	0.02	0.04	0.03	57.01	ppb
Sodium	23-2	89185.03	88086.73	88416.19	88562.65	0.64	ppb
Strontium	86-1	676.15	685.95	703.24	688.44	1.99	ppb
Strontium	88-1	681.48	686.03	703.26	690.26	1.66	ppb
Sulfur	34-1	2330.03	2388.09	3746.79	2821.64	28.41	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.01	-0.01	0.01	182.43	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	77.31	ppb
Tin	118-1	0.19	0.16	0.24	0.20	20.02	ppb
Titanium	47-1	1.80	1.54	2.43	1.93	23.68	ppb
Uranium	238-1	0.99	0.99	0.98	0.99	0.49	ppb
Vanadium	51-2	0.41	0.39	0.43	0.41	5.54	ppb
Yttrium	89-1				94		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6777-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:48:29	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	32.82	32.26	33.44	32.84	1.80	ppb
Zirconium	90-1	0.11	0.14	0.14	0.13	12.79	ppb
Zirconium	91-1	0.16	0.22	0.13	0.17	25.10	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-6778-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:51:17 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.29	51.41	50.34	52.01	3.93	ppb
Antimony	121-1	0.05	0.08	0.07	0.07	18.07	ppb
Arsenic	75-2	9.41	9.75	10.01	9.73	3.09	ppb
Barium	135-1	48.08	47.96	45.93	47.32	2.56	ppb
Barium	137-1	48.88	48.50	46.24	47.87	2.98	ppb
Beryllium	9-1	0.18	0.19	0.18	0.18	3.62	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	78.88	83.80	86.03	82.90	4.42	ppb
Boron	11-1	78.02	83.70	87.72	83.15	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.01	0.02	67.40	ppb
Cadmium	106-1	1.30	1.61	1.28	1.40	13.09	ppb
Cadmium	108-1	0.03	0.03	0.48	0.18	145.26	ppb
Calcium	43-1	94223.75	93226.49	92362.24	93270.83	1.00	ppb
Calcium	44-1	93081.98	91532.75	91913.37	92176.03	0.88	ppb
Chromium	52-2	0.46	0.48	0.49	0.48	3.14	ppb
Cobalt	59-2	2.25	2.01	2.16	2.14	5.76	ppb
Copper	63-2	0.55	0.43	0.56	0.51	14.22	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				95		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	4590.23	4553.52	4566.61	4570.12	0.41	ppb
Iron	56-2	4693.02	4609.27	4774.25	4692.18	1.76	ppb
Iron	57-2	4572.59	4626.99	4686.38	4628.65	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.55	0.50	0.49	12.50	ppb
Lead	207-1	0.46	0.54	0.50	0.50	7.98	ppb
Lead	208-1	0.46	0.53	0.50	0.50	7.14	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-6778-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:51:17 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	38460.10	37811.23	38207.62	38159.65	0.86	ppb
Manganese	55-2	1294.29	1276.67	1300.61	1290.52	0.96	ppb
Molybdenum	94-1	0.88	1.01	0.90	0.93	7.67	ppb
Molybdenum	95-1	1.11	1.21	1.17	1.16	4.38	ppb
Molybdenum	96-1	1.04	1.32	1.12	1.16	12.62	ppb
Molybdenum	97-1	1.02	1.07	1.16	1.08	6.63	ppb
Molybdenum	98-1	1.17	1.07	1.12	1.12	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.02	1.19	1.14	8.99	ppb
Phosphorus	31-2	10.16	23.01	-6.11	9.02	161.82	ppb
Potassium	39-2	7148.75	7104.95	7278.59	7177.43	1.26	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	1.81	2.50	0.65	1.65	56.35	ppb
Selenium	77-2	-1.21	1.08	-3.45	-1.19		ppb
Selenium	78-2	2.78	1.64	1.86	2.09	28.89	ppb
Silicon	28-1	4552.45	4546.81	4510.79	4536.69	0.50	ppb
Silver	109-1	0.03	0.05	0.08	0.05	48.09	ppb
Silver	107-1	0.05	0.02	0.04	0.04	36.86	ppb
Sodium	23-2	50315.23	49801.32	50582.22	50232.92	0.79	ppb
Strontium	86-1	668.27	668.21	656.99	664.49	0.98	ppb
Strontium	88-1	678.95	660.60	661.32	666.96	1.56	ppb
Sulfur	34-1	560.76	95.80	-392.74	87.94	542.18	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.01	0.01	0.00	269.92	ppb
Tin	118-1	0.03	-0.06	-0.03	-0.02		ppb
Titanium	47-1	2.62	2.76	2.74	2.71	2.84	ppb
Uranium	238-1	0.51	0.50	0.50	0.50	1.71	ppb
Vanadium	51-2	0.11	0.13	0.14	0.13	12.90	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:51:17	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	1.51	1.75	2.04	1.77	15.22	ppb
Zirconium	90-1	0.14	0.10	0.13	0.12	14.84	ppb
Zirconium	91-1	0.13	0.11	0.12	0.12	9.03	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5779-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:54:08	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.10	19.76	15.92	17.93	10.74	ppb
Antimony	121-1	0.06	0.06	0.07	0.07	8.45	ppb
Arsenic	75-2	46.40	45.00	44.84	45.41	1.89	ppb
Barium	135-1	10.99	11.89	11.57	11.49	3.96	ppb
Barium	137-1	11.49	11.22	11.67	11.46	1.97	ppb
Beryllium	9-1	0.20	0.17	0.14	0.17	16.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	84.95	91.20	99.39	91.85	7.89	ppb
Boron	11-1	83.50	93.87	98.87	92.08	8.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.01	0.01	141.88	ppb
Cadmium	106-1	0.22	0.14	1.73	0.70	128.38	ppb
Cadmium	108-1	-0.16	0.12	-0.16	-0.07		ppb
Calcium	43-1	50000.03	52080.03	50649.13	50909.73	2.09	ppb
Calcium	44-1	50367.58	51002.10	50081.86	50483.85	0.93	ppb
Chromium	52-2	0.22	0.34	0.31	0.29	21.04	ppb
Cobalt	59-2	0.22	0.20	0.18	0.20	11.08	ppb
Copper	63-2	0.44	0.40	0.34	0.39	13.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	303.32	285.93	287.51	292.25	3.29	ppb
Iron	56-2	288.65	284.64	284.49	285.93	0.82	ppb
Iron	57-2	291.84	282.02	285.17	286.35	1.75	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.40	0.40	0.39	4.78	ppb
Lead	207-1	0.42	0.38	0.32	0.37	13.54	ppb
Lead	208-1	0.38	0.38	0.37	0.38	1.32	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-08 Instrumnet Name : P8
 Client Sample ID : TU032-32-5779-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:54:08 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	15920.59	15609.16	15340.99	15623.58	1.86	ppb
Manganese	55-2	463.74	452.03	446.60	454.12	1.93	ppb
Molybdenum	94-1	2.19	2.22	2.19	2.20	0.73	ppb
Molybdenum	95-1	3.20	3.27	2.93	3.13	5.61	ppb
Molybdenum	96-1	2.56	2.84	2.77	2.72	5.45	ppb
Molybdenum	97-1	3.11	3.07	2.95	3.04	2.62	ppb
Molybdenum	98-1	3.03	2.99	2.83	2.95	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.10	0.23	0.15	44.36	ppb
Phosphorus	31-2	39.33	50.52	28.96	39.60	27.22	ppb
Potassium	39-2	4537.27	4538.05	4409.84	4495.05	1.64	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	4.15	2.62	1.14	2.64	57.11	ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	1.32	2.69	3.46	2.49	43.65	ppb
Silicon	28-1	2887.94	3041.56	2875.24	2934.91	3.15	ppb
Silver	109-1	0.03	0.04	0.07	0.05	42.38	ppb
Silver	107-1	0.02	0.06	0.07	0.05	51.92	ppb
Sodium	23-2	40711.51	39730.73	39642.48	40028.24	1.48	ppb
Strontium	86-1	263.15	267.13	256.43	262.23	2.06	ppb
Strontium	88-1	264.52	266.76	265.79	265.69	0.42	ppb
Sulfur	34-1	12455.78	14206.79	12141.67	12934.75	8.60	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.03	0.01	0.03	0.02	59.62	ppb
Titanium	47-1	0.86	0.68	0.75	0.76	11.70	ppb
Uranium	238-1	1.05	1.18	1.07	1.10	6.33	ppb
Vanadium	51-2	0.06	0.08	0.03	0.06	38.40	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5779-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:54:08	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	1.85	1.35	1.20	1.47	23.40	ppb
Zirconium	90-1	0.04	0.06	0.02	0.04	51.40	ppb
Zirconium	91-1	0.03	0.04	0.09	0.05	64.46	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.98	11.31	13.16	14.82	30.82	ppb
Antimony	121-1	0.07	0.04	0.03	0.05	41.38	ppb
Arsenic	75-2	46.20	46.59	43.11	45.30	4.20	ppb
Barium	135-1	12.13	10.98	10.77	11.29	6.47	ppb
Barium	137-1	11.75	11.48	11.12	11.45	2.72	ppb
Beryllium	9-1	0.15	0.16	0.15	0.16	3.16	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	89.58	93.84	96.63	93.35	3.80	ppb
Boron	11-1	86.99	92.75	96.29	92.01	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.03	0.02	0.04	46.52	ppb
Cadmium	106-1	2.51	0.84	0.87	1.41	68.04	ppb
Cadmium	108-1	-0.15	0.19	0.10	0.04	395.91	ppb
Calcium	43-1	53033.38	48837.54	49130.02	50333.65	4.65	ppb
Calcium	44-1	52776.92	49643.70	48997.37	50472.66	4.01	ppb
Chromium	52-2	0.48	0.49	0.50	0.49	1.89	ppb
Cobalt	59-2	0.29	0.20	0.21	0.23	19.65	ppb
Copper	63-2	0.54	0.42	0.31	0.42	26.96	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				96		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	54-2	302.07	301.69	257.36	287.04	8.95	ppb
Iron	56-2	294.53	290.20	269.77	284.83	4.64	ppb
Iron	57-2	292.52	304.33	276.61	291.15	4.78	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.28	0.28	0.31	15.23	ppb
Lead	207-1	0.34	0.26	0.22	0.27	23.20	ppb
Lead	208-1	0.36	0.28	0.24	0.29	20.90	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	16913.11	16751.46	15515.85	16393.48	4.66	ppb
Manganese	55-2	489.44	483.23	445.41	472.69	5.04	ppb
Molybdenum	94-1	2.11	2.11	1.86	2.03	7.10	ppb
Molybdenum	95-1	3.17	2.79	3.08	3.01	6.62	ppb
Molybdenum	96-1	3.17	2.71	2.66	2.85	9.82	ppb
Molybdenum	97-1	3.15	2.92	2.57	2.88	10.22	ppb
Molybdenum	98-1	3.44	2.81	2.94	3.06	10.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.25	0.26	0.26	2.21	ppb
Phosphorus	31-2	35.42	72.57	66.10	58.03	34.19	ppb
Potassium	39-2	4858.33	4837.03	4449.50	4714.95	4.88	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	82-1	2.24	0.90	2.66	1.94	47.54	ppb
Selenium	77-2	-1.05	1.26	-3.45	-1.08		ppb
Selenium	78-2	3.03	1.80	1.50	2.11	38.47	ppb
Silicon	28-1	3057.29	2801.17	2801.55	2886.67	5.12	ppb
Silver	109-1	0.04	0.04	0.08	0.05	44.54	ppb
Silver	107-1	0.03	0.03	0.07	0.04	56.66	ppb
Sodium	23-2	43780.16	42148.97	39736.62	41888.58	4.86	ppb
Strontium	86-1	273.77	253.83	247.16	258.26	5.36	ppb
Strontium	88-1	273.55	258.04	248.39	259.99	4.88	ppb
Sulfur	34-1	14735.40	10765.54	10878.42	12126.45	18.64	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.04	-0.02	0.01	0.01	246.42	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	31.54	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.03		ppb
Titanium	47-1	0.42	0.57	0.49	0.49	14.98	ppb
Uranium	238-1	1.11	1.07	1.05	1.08	3.17	ppb
Vanadium	51-2	0.06	0.02	0.04	0.04	54.62	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	3.84	3.93	4.12	3.96	3.57	ppb
Zirconium	90-1	0.01	0.03	0.04	0.03	42.87	ppb
Zirconium	91-1	0.02	0.02	0.08	0.04	79.68	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.27	56.64	62.84	59.25	5.42	ppb
Antimony	121-1	2.87	2.66	2.67	2.73	4.23	ppb
Arsenic	75-2	29.65	28.55	30.54	29.58	3.37	ppb
Barium	135-1	31.82	28.53	31.58	30.64	5.98	ppb
Barium	137-1	32.23	30.35	32.14	31.57	3.35	ppb
Beryllium	9-1	0.20	0.15	0.17	0.18	14.00	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	71.31	74.13	75.55	73.66	2.93	ppb
Boron	11-1	71.36	73.19	78.43	74.33	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.15	0.17	0.15	14.80	ppb
Cadmium	106-1	-2.51	0.37	1.78	-0.12		ppb
Cadmium	108-1	0.13	0.09	0.21	0.14	42.22	ppb
Calcium	43-1	56883.49	55124.10	58317.38	56774.99	2.82	ppb
Calcium	44-1	56516.78	54679.86	58166.22	56454.29	3.09	ppb
Chromium	52-2	0.58	0.59	0.51	0.56	7.70	ppb
Cobalt	59-2	0.26	0.21	0.24	0.24	10.00	ppb
Copper	63-2	7.58	7.52	7.66	7.59	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	327.98	324.28	331.82	328.03	1.15	ppb
Iron	56-2	331.51	321.95	330.78	328.08	1.62	ppb
Iron	57-2	356.24	334.49	328.09	339.61	4.34	ppb
Krypton	83-1						cps
Lead	206-1	1.71	1.69	1.79	1.73	2.91	ppb
Lead	207-1	1.53	1.46	1.57	1.52	3.87	ppb
Lead	208-1	1.65	1.59	1.72	1.65	3.95	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	14240.55	13969.41	14318.08	14176.01	1.29	ppb
Manganese	55-2	374.10	365.72	374.62	371.48	1.34	ppb
Molybdenum	94-1	0.70	0.60	0.63	0.65	7.52	ppb
Molybdenum	95-1	0.21	0.23	0.19	0.21	7.64	ppb
Molybdenum	96-1	0.25	0.28	0.30	0.28	8.09	ppb
Molybdenum	97-1	0.15	0.18	0.13	0.15	17.54	ppb
Molybdenum	98-1	0.16	0.18	0.26	0.20	25.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.90	2.49	2.15	14.08	ppb
Phosphorus	31-2	5615.64	5712.95	5613.40	5647.33	1.01	ppb
Potassium	39-2	18671.66	18225.21	19061.35	18652.74	2.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.71	-0.62	2.06	0.72	187.08	ppb
Selenium	77-2	-1.19	-1.23	-1.18	-1.20		ppb
Selenium	78-2	-1.20	1.89	3.72	1.47	169.07	ppb
Silicon	28-1	5756.02	5459.22	5834.56	5683.26	3.48	ppb
Silver	109-1	0.02	0.03	0.05	0.03	41.53	ppb
Silver	107-1	0.01	0.04	0.01	0.02	80.86	ppb
Sodium	23-2	27959.96	26690.34	27711.35	27453.88	2.45	ppb
Strontium	86-1	256.15	246.53	262.32	255.00	3.12	ppb
Strontium	88-1	260.82	247.49	266.94	258.42	3.85	ppb
Sulfur	34-1	14057.91	11701.92	13613.29	13124.37	9.54	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.01	-0.01	-0.03	-0.01		ppb
Thallium	205-1	0.01	-0.01	0.01	0.01	168.59	ppb
Tin	118-1	0.06	0.05	0.08	0.06	22.98	ppb
Titanium	47-1	6.28	5.97	5.45	5.90	7.05	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	7.10	ppb
Vanadium	51-2	0.97	0.99	0.90	0.95	4.80	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	19.25	18.07	19.66	18.99	4.36	ppb
Zirconium	90-1	0.30	0.36	0.38	0.35	11.58	ppb
Zirconium	91-1	0.25	0.28	0.42	0.32	28.08	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1940.48	1942.12	1944.58	1942.39	0.11	ppb
Antimony	121-1	0.06	0.09	0.10	0.08	25.02	ppb
Arsenic	75-2	12.16	11.97	12.13	12.08	0.83	ppb
Barium	135-1	42.50	45.43	45.21	44.38	3.67	ppb
Barium	137-1	43.32	45.79	44.47	44.53	2.77	ppb
Beryllium	9-1	0.23	0.27	0.21	0.24	12.05	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	38.46	40.33	41.40	40.06	3.70	ppb
Boron	11-1	41.28	41.88	42.56	41.91	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	0.07	0.04	71.55	ppb
Cadmium	106-1	2.75	-2.75	3.65	1.22	284.14	ppb
Cadmium	108-1	0.03	0.12	0.13	0.09	59.38	ppb
Calcium	43-1	83364.30	82612.21	83793.28	83256.60	0.72	ppb
Calcium	44-1	84120.33	82206.59	85561.34	83962.75	2.00	ppb
Chromium	52-2	5.18	5.30	5.32	5.27	1.48	ppb
Cobalt	59-2	1.22	1.29	1.32	1.28	4.07	ppb
Copper	63-2	3.25	3.27	2.96	3.16	5.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	54-2	4308.25	4270.08	4348.28	4308.87	0.91	ppb
Iron	56-2	4311.39	4370.98	4419.58	4367.31	1.24	ppb
Iron	57-2	4264.72	4351.84	4414.19	4343.58	1.73	ppb
Krypton	83-1						cps
Lead	206-1	1.60	1.63	1.55	1.59	2.57	ppb
Lead	207-1	1.48	1.40	1.33	1.40	5.33	ppb
Lead	208-1	1.47	1.50	1.53	1.50	2.15	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	23441.14	23901.59	23268.52	23537.08	1.39	ppb
Manganese	55-2	540.32	546.01	544.22	543.52	0.54	ppb
Molybdenum	94-1	2.32	2.62	2.62	2.52	6.85	ppb
Molybdenum	95-1	0.27	0.24	0.27	0.26	5.61	ppb
Molybdenum	96-1	0.50	0.54	0.51	0.52	4.47	ppb
Molybdenum	97-1	0.21	0.36	0.39	0.32	29.73	ppb
Molybdenum	98-1	0.23	0.25	0.19	0.22	12.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.97	5.02	5.40	9.31	ppb
Phosphorus	31-2	38.12	102.12	12.83	51.03	90.19	ppb
Potassium	39-2	6371.65	6523.33	6445.17	6446.71	1.18	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	-1.55	0.83	2.29	0.52	372.11	ppb
Selenium	77-2	-3.45	1.06	1.05	-0.44		ppb
Selenium	78-2	1.55	2.01	-0.02	1.18	90.32	ppb
Silicon	28-1	5427.04	5291.95	5437.52	5385.50	1.51	ppb
Silver	109-1	0.03	0.05	0.04	0.04	21.92	ppb
Silver	107-1	0.01	0.02	0.03	0.02	34.66	ppb
Sodium	23-2	23941.65	24003.98	23827.60	23924.41	0.37	ppb
Strontium	86-1	386.41	401.62	384.87	390.96	2.37	ppb
Strontium	88-1	398.96	401.08	392.85	397.63	1.07	ppb
Sulfur	34-1	18525.06	17403.58	18255.77	18061.47	3.24	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.03	0.01	252.62	ppb
Tin	118-1	0.05	0.04	0.07	0.05	26.74	ppb
Titanium	47-1	104.36	110.15	105.47	106.66	2.88	ppb
Uranium	238-1	1.17	1.18	1.11	1.15	3.13	ppb
Vanadium	51-2	3.96	4.16	4.03	4.05	2.50	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	10.63	10.88	9.54	10.35	6.87	ppb
Zirconium	90-1	1.29	1.35	1.29	1.31	2.36	ppb
Zirconium	91-1	1.30	1.50	1.27	1.36	9.44	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-12 Instrumnet Name : P8
 Client Sample ID : TU032-32-5778-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:05:25 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.14	70.13	69.89	68.39	4.12	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	25.74	ppb
Arsenic	75-2	24.74	25.22	24.87	24.94	0.99	ppb
Barium	135-1	8.05	8.68	8.54	8.42	3.91	ppb
Barium	137-1	7.93	8.46	8.38	8.26	3.49	ppb
Beryllium	9-1	0.14	0.14	0.17	0.15	12.47	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	63.23	69.06	76.92	69.74	9.85	ppb
Boron	11-1	65.00	72.65	78.49	72.05	9.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	0.00	0.01	212.52	ppb
Cadmium	106-1	1.87	-2.08	0.07	-0.05		ppb
Cadmium	108-1	-0.16	-0.06	-0.15	-0.12		ppb
Calcium	43-1	22296.06	21984.98	23252.82	22511.29	2.94	ppb
Calcium	44-1	22758.76	22119.60	23571.07	22816.48	3.19	ppb
Chromium	52-2	0.43	0.46	0.55	0.48	12.89	ppb
Cobalt	59-2	0.11	0.14	0.12	0.12	12.58	ppb
Copper	63-2	0.48	0.58	0.58	0.55	10.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	54-2	149.98	150.81	153.18	151.32	1.10	ppb
Iron	56-2	144.03	149.84	149.54	147.80	2.21	ppb
Iron	57-2	128.13	153.07	154.43	145.21	10.20	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.28	0.36	0.31	16.08	ppb
Lead	207-1	0.27	0.25	0.30	0.27	9.60	ppb
Lead	208-1	0.29	0.27	0.31	0.29	7.34	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:05:25	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	6314.83	6462.45	6425.68	6400.99	1.20	ppb
Manganese	55-2	279.45	286.51	286.43	284.13	1.43	ppb
Molybdenum	94-1	1.68	1.69	1.90	1.75	7.18	ppb
Molybdenum	95-1	2.42	2.68	2.60	2.57	5.09	ppb
Molybdenum	96-1	2.55	2.44	2.59	2.53	3.06	ppb
Molybdenum	97-1	2.17	2.43	2.29	2.30	5.57	ppb
Molybdenum	98-1	2.33	2.52	2.54	2.47	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.54	0.45	0.46	16.81	ppb
Phosphorus	31-2	-1.19	40.72	147.67	62.40	123.02	ppb
Potassium	39-2	4291.36	4375.49	4479.45	4382.10	2.15	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	1.60	1.84	0.60	1.35	48.94	ppb
Selenium	77-2	3.31	-3.45	-1.11	-0.42		ppb
Selenium	78-2	1.80	3.92	1.10	2.28	64.62	ppb
Silicon	28-1	2004.75	1923.83	2021.88	1983.49	2.64	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.39	ppb
Silver	107-1	0.00	0.02	0.01	0.01	112.51	ppb
Sodium	23-2	117931.33	119170.01	121152.84	119418.06	1.36	ppb
Strontium	86-1	143.63	149.65	151.31	148.20	2.73	ppb
Strontium	88-1	144.72	150.81	153.90	149.81	3.12	ppb
Sulfur	34-1	9060.86	8451.91	10569.49	9360.75	11.65	ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	0.08	0.18	0.18	0.15	38.00	ppb
Titanium	47-1	3.65	3.70	3.93	3.76	3.94	ppb
Uranium	238-1	2.77	2.78	2.94	2.83	3.41	ppb
Vanadium	51-2	0.28	0.21	0.18	0.22	23.86	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:05:25	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	0.84	0.95	0.63	0.81	20.38	ppb
Zirconium	90-1	0.06	0.04	0.06	0.05	22.33	ppb
Zirconium	91-1	0.03	-0.01	0.05	0.02	127.94	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-13 Instrumnet Name : P8
 Client Sample ID : TU032-32-6029-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:08:13 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.04	5.21	2.68	4.98	43.95	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.15	ppb
Arsenic	75-2	7.76	8.57	8.43	8.25	5.22	ppb
Barium	135-1	25.82	29.80	29.68	28.43	7.97	ppb
Barium	137-1	27.95	29.89	28.66	28.83	3.41	ppb
Beryllium	9-1	0.12	0.13	0.12	0.12	4.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	39.62	49.17	47.48	45.42	11.22	ppb
Boron	11-1	41.84	47.55	48.36	45.92	7.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	0.01	0.02	78.25	ppb
Cadmium	106-1	-0.86	-1.46	-1.55	-1.29		ppb
Cadmium	108-1	0.10	-0.06	-0.26	-0.07		ppb
Calcium	43-1	59958.08	69112.59	65914.75	64995.14	7.15	ppb
Calcium	44-1	60661.89	68825.41	66463.94	65317.08	6.43	ppb
Chromium	52-2	0.48	0.45	0.43	0.45	6.16	ppb
Cobalt	59-2	0.14	0.13	0.15	0.14	7.89	ppb
Copper	63-2	5.17	5.11	5.09	5.12	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	247.88	245.44	255.52	249.61	2.11	ppb
Iron	56-2	248.09	246.74	248.03	247.62	0.31	ppb
Iron	57-2	253.09	247.38	246.80	249.09	1.39	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.90	0.85	0.82	11.70	ppb
Lead	207-1	0.64	0.75	0.76	0.72	9.20	ppb
Lead	208-1	0.68	0.82	0.81	0.77	10.60	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6029-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:08:13	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	18001.85	17748.46	18081.50	17943.94	0.97	ppb
Manganese	55-2	296.83	291.55	300.16	296.18	1.47	ppb
Molybdenum	94-1	0.26	0.41	0.28	0.32	25.94	ppb
Molybdenum	95-1	0.36	0.44	0.43	0.41	10.65	ppb
Molybdenum	96-1	0.32	0.28	0.37	0.32	13.87	ppb
Molybdenum	97-1	0.43	0.32	0.39	0.38	14.95	ppb
Molybdenum	98-1	0.36	0.45	0.39	0.40	12.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.22	1.25	1.21	4.04	ppb
Phosphorus	31-2	-12.94	-45.29	19.41	-12.94		ppb
Potassium	39-2	4185.22	4209.58	4238.29	4211.03	0.63	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	0.97	4.42	-0.31	1.69	144.48	ppb
Selenium	77-2	-3.45	-3.45	-1.19	-2.70		ppb
Selenium	78-2	0.95	2.78	0.21	1.31	100.66	ppb
Silicon	28-1	3044.56	3505.26	3320.18	3290.00	7.05	ppb
Silver	109-1	0.02	0.05	0.03	0.03	52.75	ppb
Silver	107-1	0.01	0.01	0.02	0.01	66.00	ppb
Sodium	23-2	32246.76	31789.98	31742.41	31926.38	0.87	ppb
Strontium	86-1	323.23	367.15	341.02	343.80	6.43	ppb
Strontium	88-1	321.53	374.06	346.23	347.27	7.57	ppb
Sulfur	34-1	8952.50	14602.05	12657.15	12070.57	23.78	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.00	-0.03	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.07	-0.04	-0.06	-0.06		ppb
Titanium	47-1	0.35	0.70	0.75	0.60	35.74	ppb
Uranium	238-1	0.46	0.54	0.50	0.50	8.85	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	12.81	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6029-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:08:13	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	0.38	0.69	0.50	0.52	29.95	ppb
Zirconium	90-1	0.04	0.01	0.01	0.02	82.49	ppb
Zirconium	91-1	0.03	-0.03	0.02	0.01	438.59	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2376.32	2462.87	2309.47	2382.89	3.23	ppb
Antimony	121-1	0.36	0.39	0.35	0.37	6.52	ppb
Arsenic	75-2	19.38	19.46	19.07	19.30	1.05	ppb
Barium	135-1	2.82	3.49	3.36	3.22	10.91	ppb
Barium	137-1	3.24	3.00	3.11	3.12	3.88	ppb
Beryllium	9-1	0.18	0.17	0.10	0.15	28.73	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	53.19	55.90	59.08	56.06	5.26	ppb
Boron	11-1	53.89	55.62	60.04	56.51	5.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	0.04	0.04	24.15	ppb
Cadmium	106-1	0.31	0.58	-1.06	-0.06		ppb
Cadmium	108-1	0.80	0.58	-0.07	0.44	103.56	ppb
Calcium	43-1	19067.59	19359.36	19126.38	19184.44	0.80	ppb
Calcium	44-1	19384.51	19312.15	19312.25	19336.30	0.22	ppb
Chromium	52-2	0.27	0.42	0.28	0.32	26.13	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	7.67	ppb
Copper	63-2	0.41	0.41	0.32	0.38	13.63	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				94		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	30.14	28.87	27.09	28.70	5.33	ppb
Iron	56-2	27.83	28.32	26.12	27.42	4.22	ppb
Iron	57-2	22.58	23.54	25.04	23.72	5.23	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.31	0.27	0.29	7.63	ppb
Lead	207-1	0.29	0.27	0.25	0.27	7.01	ppb
Lead	208-1	0.29	0.29	0.30	0.29	1.58	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	75.40	84.58	75.48	78.49	6.73	ppb
Manganese	55-2	1.85	2.00	1.89	1.91	4.06	ppb
Molybdenum	94-1	37.38	37.86	38.75	38.00	1.83	ppb
Molybdenum	95-1	54.07	54.16	56.69	54.98	2.70	ppb
Molybdenum	96-1	51.93	52.48	53.05	52.48	1.07	ppb
Molybdenum	97-1	53.42	53.24	52.93	53.20	0.46	ppb
Molybdenum	98-1	54.77	54.05	54.58	54.47	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.50	37.57	33.74	35.60	5.39	ppb
Phosphorus	31-2	10.64	-42.45	-36.67	-22.83		ppb
Potassium	39-2	5074.83	5270.72	4839.40	5061.65	4.27	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	3.43	1.08	0.30	1.60	101.80	ppb
Selenium	77-2	-1.19	1.16	0.96	0.31	419.81	ppb
Selenium	78-2	2.45	2.41	0.62	1.83	57.05	ppb
Silicon	28-1	2930.40	3003.21	2942.92	2958.85	1.32	ppb
Silver	109-1	0.02	0.02	0.05	0.03	51.14	ppb
Silver	107-1	0.00	0.02	0.00	0.01	140.20	ppb
Sodium	23-2	79289.02	83482.73	75715.54	79495.76	4.89	ppb
Strontium	86-1	327.79	323.00	328.27	326.35	0.89	ppb
Strontium	88-1	326.40	327.04	330.80	328.08	0.72	ppb
Sulfur	34-1	19178.14	19004.16	18350.76	18844.35	2.31	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.05	0.01	0.02	155.33	ppb
Titanium	47-1	0.64	0.70	0.69	0.68	4.57	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	20.29	ppb
Vanadium	51-2	0.56	0.54	0.52	0.54	3.08	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	1.89	2.35	2.14	2.13	10.72	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	13.44	ppb
Zirconium	91-1	0.07	0.03	0.00	0.03	101.90	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47224.51	49573.44	48710.23	48502.73	2.45	ppb
Antimony	121-1	486.35	491.71	494.28	490.78	0.82	ppb
Arsenic	75-2	481.33	507.79	498.56	495.89	2.71	ppb
Barium	135-1	2465.90	2546.37	2539.16	2517.15	1.77	ppb
Barium	137-1	2546.35	2522.56	2541.16	2536.69	0.49	ppb
Beryllium	9-1	486.27	490.29	492.14	489.57	0.61	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	420.42	474.88	501.31	465.53	8.86	ppb
Boron	11-1	425.60	471.02	505.37	467.33	8.56	ppb
Bromine	81-1						cps
Cadmium	111-1	476.79	482.96	473.40	477.72	1.01	ppb
Cadmium	106-1	473.59	474.53	486.42	478.18	1.50	ppb
Cadmium	108-1	458.81	479.65	494.99	477.82	3.80	ppb
Calcium	43-1	256375.74	257917.91	261753.00	258682.22	1.07	ppb
Calcium	44-1	255089.02	255513.47	257523.98	256042.16	0.51	ppb
Chromium	52-2	495.16	514.70	505.06	504.97	1.93	ppb
Cobalt	59-2	490.70	515.84	501.74	502.76	2.51	ppb
Copper	63-2	4983.20	5040.50	5095.96	5039.89	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				92		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	54-2	122023.53	128454.69	126976.15	125818.12	2.68	ppb
Iron	56-2	120476.15	128725.28	124672.50	124624.64	3.31	ppb
Iron	57-2	126618.16	130485.72	129506.17	128870.02	1.56	ppb
Krypton	83-1						cps
Lead	206-1	2605.75	2571.79	2503.78	2560.44	2.03	ppb
Lead	207-1	2538.06	2526.30	2505.11	2523.16	0.66	ppb
Lead	208-1	2550.72	2546.52	2500.61	2532.62	1.10	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	243638.25	256459.97	251814.97	250637.73	2.59	ppb
Manganese	55-2	5002.81	5273.29	5146.54	5140.88	2.63	ppb
Molybdenum	94-1	2494.18	2575.85	2514.33	2528.12	1.68	ppb
Molybdenum	95-1	2528.78	2574.51	2501.54	2534.94	1.45	ppb
Molybdenum	96-1	2550.11	2559.65	2479.64	2529.80	1.73	ppb
Molybdenum	97-1	2540.91	2611.02	2512.96	2554.96	1.98	ppb
Molybdenum	98-1	2495.25	2552.14	2498.42	2515.27	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.47	513.00	499.80	500.09	2.55	ppb
Phosphorus	31-2	9913.78	10703.77	9837.09	10151.55	4.73	ppb
Potassium	39-2	122455.88	127270.82	124916.90	124881.20	1.93	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	493.82	511.46	479.40	494.89	3.25	ppb
Selenium	77-2	417.83	498.29	524.22	480.12	11.55	ppb
Selenium	78-2	471.95	497.13	488.73	485.94	2.64	ppb
Silicon	28-1	407.56	471.66	531.43	470.22	13.18	ppb
Silver	109-1	473.14	475.50	482.55	477.06	1.03	ppb
Silver	107-1	477.75	484.01	485.02	482.26	0.82	ppb
Sodium	23-2	246828.56	257833.92	250851.15	251837.88	2.21	ppb
Strontium	86-1	498.73	503.96	494.66	499.12	0.93	ppb
Strontium	88-1	499.56	508.55	497.88	501.99	1.14	ppb
Sulfur	34-1	9182.97	9132.62	10178.05	9497.88	6.21	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	507.27	500.67	487.82	498.59	1.98	ppb
Thallium	205-1	512.67	517.78	501.04	510.50	1.68	ppb
Tin	118-1	483.81	495.35	501.89	493.68	1.85	ppb
Titanium	47-1	2433.71	2447.18	2506.47	2462.45	1.57	ppb
Uranium	238-1	530.69	522.37	513.66	522.24	1.63	ppb
Vanadium	51-2	490.75	513.82	501.78	502.12	2.30	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	4789.49	5082.11	4964.36	4945.32	2.98	ppb
Zirconium	90-1	510.42	510.65	498.88	506.65	1.33	ppb
Zirconium	91-1	496.81	504.05	495.91	498.92	0.89	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:21:38	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	2.29	1.84	1.95	15.41	ppb
Antimony	121-1	0.06	0.03	0.07	0.05	35.04	ppb
Arsenic	75-2	-0.02	0.00	0.04	0.01	308.90	ppb
Barium	135-1	-0.02	-0.08	-0.02	-0.04		ppb
Barium	137-1	0.05	0.06	0.02	0.04	52.95	ppb
Beryllium	9-1	0.20	0.21	0.18	0.20	8.09	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	18.52	17.24	16.24	17.33	6.59	ppb
Boron	11-1	18.24	16.82	17.14	17.40	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-2.23	-0.17	-0.77	-1.06		ppb
Cadmium	108-1	-0.05	-0.15	-0.25	-0.15		ppb
Calcium	43-1	-5.06	-8.28	-4.80	-6.05		ppb
Calcium	44-1	22.57	17.71	18.91	19.73	12.81	ppb
Chromium	52-2	0.22	0.21	0.25	0.23	9.21	ppb
Cobalt	59-2	0.02	0.05	0.03	0.03	50.11	ppb
Copper	63-2	0.57	0.68	0.66	0.64	8.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	54-2	6.65	9.19	9.45	8.43	18.38	ppb
Iron	56-2	4.43	4.24	4.59	4.42	3.86	ppb
Iron	57-2	-0.49	7.25	6.12	4.29	97.29	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.36	0.34	0.34	7.12	ppb
Lead	207-1	0.31	0.35	0.33	0.33	5.38	ppb
Lead	208-1	0.36	0.34	0.35	0.35	2.91	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:21:38	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	6.85	9.74	7.33	7.97	19.48	ppb
Manganese	55-2	0.38	0.44	0.39	0.40	8.29	ppb
Molybdenum	94-1	0.05	0.07	0.13	0.08	46.35	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	28.14	ppb
Molybdenum	96-1	0.04	0.02	0.02	0.03	36.74	ppb
Molybdenum	97-1	0.03	0.01	0.09	0.04	94.96	ppb
Molybdenum	98-1	0.04	0.03	0.05	0.04	19.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.05	0.07	0.03	156.44	ppb
Phosphorus	31-2	76.92	-45.01	-16.62	5.10	1251.99	ppb
Potassium	39-2	91.63	76.31	101.52	89.82	14.14	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	-3.53	2.37	-1.73	-0.96		ppb
Selenium	77-2	-1.05	-3.45	-3.45	-2.65		ppb
Selenium	78-2	3.06	4.03	-0.90	2.06	126.70	ppb
Silicon	28-1	98.08	82.80	82.29	87.73	10.23	ppb
Silver	109-1	0.06	0.10	0.14	0.10	38.19	ppb
Silver	107-1	0.04	0.08	0.12	0.08	50.46	ppb
Sodium	23-2	142.48	144.00	143.32	143.27	0.53	ppb
Strontium	86-1	0.59	0.56	0.49	0.55	9.14	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	44.54	ppb
Sulfur	34-1	2812.41	2182.74	2301.62	2432.26	13.75	ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	0.08	0.07	0.02	0.06	53.12	ppb
Thallium	205-1	0.07	0.04	0.03	0.05	39.62	ppb
Tin	118-1	-0.07	-0.04	-0.07	-0.06		ppb
Titanium	47-1	0.18	0.21	0.19	0.20	7.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	560.94	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	131.06	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:21:38	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	-0.49	-0.64	-0.46	-0.53		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	108.15	ppb
Zirconium	91-1	-0.02	0.03	0.00	0.00	921.46	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PB133614BL Instrumnet Name : P8
 Client Sample ID : PB133614BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:24:31 DataFile Name : 066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.96	1.02	2.82	2.60	56.96	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	25.59	ppb
Arsenic	75-2	-0.01	-0.01	0.05	0.01	374.03	ppb
Barium	135-1	-0.02	-0.04	-0.05	-0.03		ppb
Barium	137-1	0.04	-0.01	0.01	0.01	196.68	ppb
Beryllium	9-1	0.24	0.22	0.19	0.21	11.66	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	14.50	13.13	13.28	13.64	5.53	ppb
Boron	11-1	13.45	12.49	13.05	13.00	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	-1.04	-1.46	-0.59	-1.03		ppb
Cadmium	108-1	-0.04	-0.05	0.05	-0.01		ppb
Calcium	43-1	-8.83	-8.20	-10.66	-9.23		ppb
Calcium	44-1	14.65	15.56	11.71	13.97	14.43	ppb
Chromium	52-2	0.31	0.19	0.30	0.27	26.19	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	23.35	ppb
Copper	63-2	0.42	0.44	0.48	0.45	7.45	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				86		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	5.69	5.43	7.04	6.06	14.29	ppb
Iron	56-2	2.67	2.58	2.87	2.71	5.31	ppb
Iron	57-2	2.11	0.04	-2.38	-0.08		ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.23	0.30	0.31	27.68	ppb
Lead	207-1	0.36	0.30	0.31	0.32	9.39	ppb
Lead	208-1	0.35	0.26	0.27	0.29	17.94	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BL	Instrumnet Name :	P8
Client Sample ID :	PB133614BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:24:31	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	6.12	4.14	8.99	6.42	38.00	ppb
Manganese	55-2	0.22	0.20	0.20	0.20	5.91	ppb
Molybdenum	94-1	0.01	0.00	0.06	0.02	128.55	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	22.44	ppb
Molybdenum	96-1	0.05	0.00	0.00	0.02	168.04	ppb
Molybdenum	97-1	0.01	-0.01	0.04	0.01	209.80	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	81.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	0.03	0.08	-0.01		ppb
Phosphorus	31-2	-9.21	-30.83	-3.16	-14.40		ppb
Potassium	39-2	96.78	68.86	102.41	89.35	20.11	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	82-1	0.52	-3.44	1.65	-0.43		ppb
Selenium	77-2	-3.45	-3.45	3.88	-1.01		ppb
Selenium	78-2	2.82	1.44	1.91	2.06	34.22	ppb
Silicon	28-1	78.62	70.35	86.60	78.52	10.35	ppb
Silver	109-1	0.05	0.05	0.08	0.06	27.54	ppb
Silver	107-1	0.05	0.04	0.08	0.06	36.85	ppb
Sodium	23-2	137.64	134.85	126.07	132.85	4.55	ppb
Strontium	86-1	0.56	0.34	0.28	0.39	37.44	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	40.46	ppb
Sulfur	34-1	2781.91	1846.63	1679.69	2102.74	28.25	ppb
Terbium	159-1				86		%
Terbium	159-2				86		%
Thallium	203-1	0.05	0.02	0.04	0.04	36.96	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	56.11	ppb
Tin	118-1	-0.04	-0.07	-0.01	-0.04		ppb
Titanium	47-1	0.06	0.11	0.07	0.08	32.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.29	ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BL	Instrumnet Name :	P8
Client Sample ID :	PB133614BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:24:31	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	-0.61	-0.59	-0.72	-0.64		ppb
Zirconium	90-1	0.01	0.03	-0.01	0.01	143.90	ppb
Zirconium	91-1	0.03	0.01	0.00	0.02	96.37	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10424.16	10380.00	10260.87	10355.01	0.82	ppb
Antimony	121-1	490.94	504.82	497.88	497.88	1.39	ppb
Arsenic	75-2	503.04	499.51	500.38	500.97	0.37	ppb
Barium	135-1	2503.82	2534.29	2508.25	2515.46	0.65	ppb
Barium	137-1	2510.27	2539.37	2540.12	2529.92	0.67	ppb
Beryllium	9-1	487.02	497.38	497.00	493.80	1.19	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	377.54	436.26	463.58	425.79	10.33	ppb
Boron	11-1	372.12	432.90	466.96	424.00	11.33	ppb
Bromine	81-1						cps
Cadmium	111-1	483.74	498.59	490.69	491.01	1.51	ppb
Cadmium	106-1	480.87	499.06	491.57	490.50	1.86	ppb
Cadmium	108-1	486.23	502.56	491.96	493.59	1.68	ppb
Calcium	43-1	48936.27	50516.60	50052.65	49835.17	1.63	ppb
Calcium	44-1	49683.96	51817.94	49643.86	50381.92	2.47	ppb
Chromium	52-2	512.68	508.82	504.63	508.71	0.79	ppb
Cobalt	59-2	519.19	518.18	514.29	517.22	0.50	ppb
Copper	63-2	5261.87	5156.50	5192.75	5203.71	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	54-2	27024.60	26831.13	26623.67	26826.47	0.75	ppb
Iron	56-2	27139.22	26335.95	26257.98	26577.72	1.84	ppb
Iron	57-2	27271.87	26946.41	26614.07	26944.12	1.22	ppb
Krypton	83-1						cps
Lead	206-1	2474.21	2514.12	2480.40	2489.58	0.86	ppb
Lead	207-1	2443.40	2513.26	2479.47	2478.71	1.41	ppb
Lead	208-1	2434.70	2521.78	2477.14	2477.87	1.76	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	53348.49	53218.17	51972.64	52846.44	1.44	ppb
Manganese	55-2	5274.29	5249.73	5230.78	5251.60	0.42	ppb
Molybdenum	94-1	2453.02	2550.68	2497.08	2500.26	1.96	ppb
Molybdenum	95-1	2418.40	2525.06	2482.75	2475.40	2.17	ppb
Molybdenum	96-1	2469.68	2585.60	2520.75	2525.34	2.30	ppb
Molybdenum	97-1	2494.78	2530.02	2496.22	2507.01	0.80	ppb
Molybdenum	98-1	2457.87	2515.64	2489.29	2487.60	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.92	510.65	506.07	512.21	1.38	ppb
Phosphorus	31-2	10226.29	10269.60	9913.74	10136.54	1.92	ppb
Potassium	39-2	26989.56	26989.60	26708.48	26895.88	0.60	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	82-1	483.69	505.95	506.28	498.64	2.60	ppb
Selenium	77-2	427.72	586.87	541.24	518.61	15.80	ppb
Selenium	78-2	513.93	521.21	514.41	516.52	0.79	ppb
Silicon	28-1	348.36	386.26	410.02	381.54	8.15	ppb
Silver	109-1	483.31	501.08	493.65	492.68	1.81	ppb
Silver	107-1	494.59	500.57	494.66	496.61	0.69	ppb
Sodium	23-2	54285.85	53266.47	52579.98	53377.43	1.61	ppb
Strontium	86-1	482.98	502.83	502.51	496.11	2.29	ppb
Strontium	88-1	484.13	501.77	498.18	494.69	1.88	ppb
Sulfur	34-1	8396.41	8915.67	8947.13	8753.07	3.53	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	483.55	498.98	495.24	492.59	1.63	ppb
Thallium	205-1	482.14	506.26	502.61	497.00	2.62	ppb
Tin	118-1	495.21	509.50	497.67	500.79	1.53	ppb
Titanium	47-1	2402.18	2503.92	2449.13	2451.74	2.08	ppb
Uranium	238-1	485.03	510.85	506.93	500.93	2.78	ppb
Vanadium	51-2	516.37	510.98	503.72	510.36	1.24	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				87		%
Zinc	66-2	5190.54	5150.87	5097.39	5146.27	0.91	ppb
Zirconium	90-1	489.42	507.01	499.96	498.79	1.78	ppb
Zirconium	91-1	488.79	499.06	494.16	494.00	1.04	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:30:13	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.47	16.78	16.87	17.71	8.63	ppb
Antimony	121-1	0.22	0.20	0.22	0.21	5.87	ppb
Arsenic	75-2	47.90	48.27	47.64	47.94	0.66	ppb
Barium	135-1	201.46	197.21	207.88	202.18	2.66	ppb
Barium	137-1	196.21	202.82	208.27	202.43	2.98	ppb
Beryllium	9-1	0.37	0.36	0.34	0.36	4.76	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	108.31	106.16	104.98	106.48	1.58	ppb
Boron	11-1	108.14	105.16	104.82	106.04	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.07	0.09	0.10	32.86	ppb
Cadmium	106-1	2.71	1.68	1.32	1.90	37.97	ppb
Cadmium	108-1	-0.07	-0.07	-0.16	-0.10		ppb
Calcium	43-1	11277.98	11317.07	11188.25	11261.10	0.59	ppb
Calcium	44-1	11392.75	11430.55	11475.50	11432.93	0.36	ppb
Chromium	52-2	6.92	6.58	6.81	6.77	2.55	ppb
Cobalt	59-2	0.19	0.23	0.28	0.23	18.42	ppb
Copper	63-2	125.52	116.00	121.72	121.08	3.96	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				95		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	404.88	393.35	387.85	395.36	2.20	ppb
Iron	56-2	400.50	372.73	382.34	385.19	3.66	ppb
Iron	57-2	379.91	360.68	402.38	380.99	5.48	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.58	1.37	1.47	7.39	ppb
Lead	207-1	1.32	1.47	1.37	1.39	5.68	ppb
Lead	208-1	1.46	1.49	1.47	1.47	1.13	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:30:13 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	6040.81	5509.70	5736.37	5762.29	4.62	ppb
Manganese	55-2	1302.99	1200.66	1255.22	1252.95	4.09	ppb
Molybdenum	94-1	0.98	0.92	1.04	0.98	6.14	ppb
Molybdenum	95-1	1.50	1.32	1.32	1.38	7.49	ppb
Molybdenum	96-1	1.54	1.23	1.37	1.38	11.19	ppb
Molybdenum	97-1	1.55	1.29	1.19	1.34	13.55	ppb
Molybdenum	98-1	1.45	1.32	1.23	1.33	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.23	13.57	14.12	14.31	5.90	ppb
Phosphorus	31-2	170.88	136.87	167.98	158.58	11.89	ppb
Potassium	39-2	5743.54	5356.77	5703.00	5601.10	3.80	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	-3.17	0.77	-0.10	-0.83		ppb
Selenium	77-2	-3.45	-1.22	3.37	-0.43		ppb
Selenium	78-2	3.97	-0.50	4.33	2.60	103.30	ppb
Silicon	28-1	2212.76	2204.21	2223.17	2213.38	0.43	ppb
Silver	109-1	0.06	0.05	0.04	0.05	23.27	ppb
Silver	107-1	0.03	0.02	0.03	0.03	26.39	ppb
Sodium	23-2	108110.10	100407.04	105049.47	104522.20	3.71	ppb
Strontium	86-1	132.63	129.10	134.72	132.15	2.15	ppb
Strontium	88-1	132.57	130.55	134.18	132.43	1.38	ppb
Sulfur	34-1	6992.26	6978.51	6852.67	6941.15	1.11	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.23	0.20	0.21	0.21	7.25	ppb
Thallium	205-1	0.26	0.21	0.22	0.23	11.40	ppb
Tin	118-1	0.04	-0.02	-0.01	0.00	930.25	ppb
Titanium	47-1	1.18	0.53	0.33	0.68	66.00	ppb
Uranium	238-1	0.55	0.53	0.48	0.52	7.38	ppb
Vanadium	51-2	0.12	0.05	0.04	0.07	59.13	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:30:13	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	15.59	13.72	14.18	14.50	6.72	ppb
Zirconium	90-1	0.09	0.05	0.06	0.07	33.84	ppb
Zirconium	91-1	0.05	0.05	0.01	0.04	66.65	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:33:02	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.49	14.31	15.47	13.76	14.86	ppb
Antimony	121-1	0.13	0.10	0.11	0.11	13.76	ppb
Arsenic	75-2	47.15	48.95	48.22	48.11	1.88	ppb
Barium	135-1	202.58	205.60	205.75	204.64	0.88	ppb
Barium	137-1	204.45	200.90	209.34	204.90	2.07	ppb
Beryllium	9-1	0.21	0.22	0.20	0.21	3.87	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	69.66	77.23	75.92	74.27	5.44	ppb
Boron	11-1	70.27	76.81	78.62	75.23	5.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.08	0.07	0.07	5.85	ppb
Cadmium	106-1	1.76	2.08	2.71	2.18	22.12	ppb
Cadmium	108-1	0.42	0.41	-0.25	0.19	201.58	ppb
Calcium	43-1	11008.60	11154.70	11114.14	11092.48	0.68	ppb
Calcium	44-1	11103.58	11583.96	11200.47	11296.00	2.25	ppb
Chromium	52-2	5.76	5.72	5.77	5.75	0.51	ppb
Cobalt	59-2	0.21	0.22	0.21	0.21	1.82	ppb
Copper	63-2	119.63	121.37	121.84	120.95	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				94		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	400.46	375.39	390.46	388.77	3.25	ppb
Iron	56-2	376.82	385.12	383.65	381.86	1.16	ppb
Iron	57-2	353.54	378.52	385.41	372.49	4.50	ppb
Krypton	83-1						cps
Lead	206-1	1.44	1.23	1.45	1.38	9.06	ppb
Lead	207-1	1.39	1.21	1.29	1.30	6.89	ppb
Lead	208-1	1.38	1.23	1.32	1.31	5.71	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:33:02 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	5610.95	5823.75	5951.65	5795.45	2.97	ppb
Manganese	55-2	1229.06	1256.84	1264.58	1250.16	1.49	ppb
Molybdenum	94-1	0.92	0.88	0.90	0.90	2.17	ppb
Molybdenum	95-1	1.25	1.19	1.13	1.19	4.83	ppb
Molybdenum	96-1	1.14	1.27	1.27	1.23	6.03	ppb
Molybdenum	97-1	1.36	1.15	1.30	1.27	8.24	ppb
Molybdenum	98-1	1.27	1.14	1.17	1.19	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.27	13.84	13.74	13.62	2.26	ppb
Phosphorus	31-2	79.51	119.14	105.41	101.35	19.86	ppb
Potassium	39-2	5374.03	5606.98	5654.15	5545.05	2.70	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	0.18	0.48	-3.12	-0.82		ppb
Selenium	77-2	-3.45	-1.14	-3.45	-2.68		ppb
Selenium	78-2	0.14	1.44	2.54	1.37	87.55	ppb
Silicon	28-1	2151.80	2198.16	2157.92	2169.30	1.16	ppb
Silver	109-1	0.02	0.01	0.02	0.02	34.76	ppb
Silver	107-1	-0.01	-0.01	0.01	0.00		ppb
Sodium	23-2	101710.82	105754.85	106108.55	104524.74	2.34	ppb
Strontium	86-1	133.60	131.45	132.32	132.45	0.82	ppb
Strontium	88-1	133.99	134.04	135.95	134.66	0.83	ppb
Sulfur	34-1	6094.55	6207.69	6534.49	6278.91	3.64	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.04	0.05	0.04	38.24	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	16.19	ppb
Tin	118-1	-0.03	-0.07	-0.01	-0.03		ppb
Titanium	47-1	0.80	0.57	0.55	0.64	21.58	ppb
Uranium	238-1	0.45	0.44	0.44	0.44	2.06	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	28.17	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:33:02	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	13.47	15.12	14.06	14.22	5.87	ppb
Zirconium	90-1	0.03	0.17	0.06	0.09	87.62	ppb
Zirconium	91-1	0.04	0.02	0.07	0.04	62.90	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 17:35:52	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.44	4.70	3.08	4.40	27.40	ppb
Antimony	121-1	0.05	0.03	0.06	0.05	34.85	ppb
Arsenic	75-2	9.43	8.65	9.51	9.20	5.18	ppb
Barium	135-1	40.40	40.51	39.53	40.15	1.33	ppb
Barium	137-1	40.28	40.52	39.88	40.23	0.81	ppb
Beryllium	9-1	0.20	0.19	0.18	0.19	6.37	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	29.54	32.06	29.31	30.30	5.04	ppb
Boron	11-1	30.93	31.97	31.67	31.52	1.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.03	0.03	0.02	69.81	ppb
Cadmium	106-1	2.02	1.05	2.75	1.94	44.13	ppb
Cadmium	108-1	0.06	-0.35	-0.15	-0.15		ppb
Calcium	43-1	2212.15	2160.53	2205.38	2192.69	1.28	ppb
Calcium	44-1	2237.45	2220.34	2241.09	2232.96	0.50	ppb
Chromium	52-2	1.57	1.46	1.51	1.51	3.45	ppb
Cobalt	59-2	0.06	0.07	0.04	0.06	28.58	ppb
Copper	63-2	24.38	24.09	24.30	24.26	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	54-2	77.68	83.12	79.59	80.13	3.45	ppb
Iron	56-2	77.76	74.69	76.82	76.42	2.06	ppb
Iron	57-2	73.76	79.28	74.65	75.90	3.91	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.52	0.47	0.49	4.87	ppb
Lead	207-1	0.46	0.54	0.44	0.48	10.96	ppb
Lead	208-1	0.47	0.56	0.44	0.49	12.34	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-16 17:35:52 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	1152.69	1111.97	1136.86	1133.84	1.81	ppb
Manganese	55-2	246.10	237.93	247.48	243.84	2.12	ppb
Molybdenum	94-1	0.19	0.30	0.25	0.25	23.61	ppb
Molybdenum	95-1	0.24	0.28	0.20	0.24	15.69	ppb
Molybdenum	96-1	0.26	0.30	0.22	0.26	15.92	ppb
Molybdenum	97-1	0.26	0.16	0.15	0.19	32.69	ppb
Molybdenum	98-1	0.18	0.28	0.28	0.25	23.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.83	2.94	2.85	2.93	ppb
Phosphorus	31-2	-14.96	22.46	39.70	15.74	177.60	ppb
Potassium	39-2	1099.42	1088.20	1136.90	1108.17	2.30	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	-3.51	1.67	-2.98	-1.61		ppb
Selenium	77-2	1.24	3.48	-3.45	0.42	835.55	ppb
Selenium	78-2	4.05	-1.69	2.38	1.58	186.39	ppb
Silicon	28-1	498.21	493.45	485.35	492.33	1.32	ppb
Silver	109-1	0.02	0.02	0.05	0.03	61.15	ppb
Silver	107-1	0.03	0.02	0.04	0.03	33.80	ppb
Sodium	23-2	20549.65	20383.06	20515.89	20482.87	0.43	ppb
Strontium	86-1	25.69	25.94	25.89	25.84	0.51	ppb
Strontium	88-1	26.22	26.68	26.25	26.38	0.99	ppb
Sulfur	34-1	2207.21	1440.29	1730.42	1792.64	21.60	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.02	0.03	0.02	65.18	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	2.27	ppb
Tin	118-1	-0.08	-0.07	-0.08	-0.08		ppb
Titanium	47-1	0.06	0.09	0.38	0.18	100.72	ppb
Uranium	238-1	0.14	0.12	0.10	0.12	14.50	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	50.66	ppb
Yttrium	89-1				86		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 17:35:52	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				88		%
Zinc	66-2	2.50	2.10	2.87	2.49	15.56	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	29.69	ppb
Zirconium	91-1	0.00	0.04	0.01	0.02	108.47	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MS	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:38:43	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10684.63	10713.32	10700.61	10699.52	0.13	ppb
Antimony	121-1	495.32	517.65	511.11	508.03	2.26	ppb
Arsenic	75-2	558.74	574.66	557.41	563.60	1.70	ppb
Barium	135-1	2830.79	2917.57	2899.55	2882.64	1.59	ppb
Barium	137-1	2874.33	2939.16	2900.94	2904.81	1.12	ppb
Beryllium	9-1	485.56	504.55	513.13	501.08	2.82	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	474.05	543.46	601.87	539.79	11.85	ppb
Boron	11-1	470.95	549.36	603.08	541.13	12.28	ppb
Bromine	81-1						cps
Cadmium	111-1	485.40	503.53	504.15	497.70	2.14	ppb
Cadmium	106-1	475.25	493.70	512.79	493.91	3.80	ppb
Cadmium	108-1	490.62	509.78	509.25	503.22	2.17	ppb
Calcium	43-1	63246.10	65173.80	65101.45	64507.12	1.69	ppb
Calcium	44-1	63375.89	65520.94	64379.08	64425.30	1.67	ppb
Chromium	52-2	506.80	510.34	508.89	508.68	0.35	ppb
Cobalt	59-2	505.06	506.38	508.25	506.56	0.32	ppb
Copper	63-2	1165.11	1182.50	1180.81	1176.14	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	54-2	27888.44	28141.38	28131.26	28053.69	0.51	ppb
Iron	56-2	27468.54	27652.49	27682.06	27601.03	0.42	ppb
Iron	57-2	27719.13	27808.95	27857.26	27795.11	0.25	ppb
Krypton	83-1						cps
Lead	206-1	465.14	479.14	474.80	473.03	1.52	ppb
Lead	207-1	469.50	476.73	471.59	472.61	0.79	ppb
Lead	208-1	466.70	478.00	473.49	472.73	1.20	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02MS Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:38:43 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	61341.49	61968.92	63295.82	62202.08	1.60	ppb
Manganese	55-2	2284.00	2292.20	2299.68	2291.96	0.34	ppb
Molybdenum	94-1	2574.94	2735.98	2709.71	2673.54	3.23	ppb
Molybdenum	95-1	2601.21	2787.41	2758.70	2715.77	3.69	ppb
Molybdenum	96-1	2611.39	2789.57	2770.02	2723.66	3.59	ppb
Molybdenum	97-1	2642.76	2782.10	2789.45	2738.10	3.02	ppb
Molybdenum	98-1	2607.36	2767.99	2754.42	2709.92	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.12	547.04	548.89	545.68	0.74	ppb
Phosphorus	31-2	161.50	112.80	159.93	144.74	19.12	ppb
Potassium	39-2	33252.29	33645.49	32801.77	33233.18	1.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	487.10	515.48	508.34	503.64	2.93	ppb
Selenium	77-2	539.25	520.31	568.73	542.76	4.50	ppb
Selenium	78-2	523.18	503.64	495.29	507.37	2.82	ppb
Silicon	28-1	2469.26	2512.96	2575.08	2519.10	2.11	ppb
Silver	109-1	79.09	81.23	81.44	80.59	1.61	ppb
Silver	107-1	79.10	83.15	81.85	81.37	2.54	ppb
Sodium	23-2	155457.51	154826.68	155278.04	155187.41	0.21	ppb
Strontium	86-1	608.68	650.29	649.68	636.22	3.75	ppb
Strontium	88-1	617.93	654.00	647.99	639.97	3.02	ppb
Sulfur	34-1	7017.54	7354.95	7072.21	7148.23	2.53	ppb
Terbium	159-1				90		%
Terbium	159-2				94		%
Thallium	203-1	499.07	506.93	509.69	505.23	1.09	ppb
Thallium	205-1	507.05	511.37	520.67	513.03	1.36	ppb
Tin	118-1	526.14	540.59	538.47	535.07	1.46	ppb
Titanium	47-1	2540.99	2615.78	2629.85	2595.54	1.84	ppb
Uranium	238-1	499.31	514.26	530.07	514.54	2.99	ppb
Vanadium	51-2	502.92	506.83	508.92	506.22	0.60	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MS	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:38:43	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	1061.57	1075.56	1072.72	1069.95	0.69	ppb
Zirconium	90-1	488.76	515.47	513.02	505.75	2.92	ppb
Zirconium	91-1	489.63	513.22	508.98	503.94	2.50	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02MSD Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:41:33 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10775.22	10537.95	10532.53	10615.24	1.31	ppb
Antimony	121-1	495.06	495.09	504.77	498.31	1.12	ppb
Arsenic	75-2	572.29	567.54	568.05	569.29	0.46	ppb
Barium	135-1	2789.63	2754.27	2845.26	2796.39	1.64	ppb
Barium	137-1	2840.56	2795.34	2846.50	2827.47	0.99	ppb
Beryllium	9-1	491.77	494.13	490.32	492.07	0.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	532.44	593.78	626.55	584.25	8.18	ppb
Boron	11-1	538.07	594.79	622.60	585.16	7.36	ppb
Bromine	81-1						cps
Cadmium	111-1	484.48	478.63	491.69	484.93	1.35	ppb
Cadmium	106-1	476.72	480.43	485.22	480.79	0.89	ppb
Cadmium	108-1	479.11	491.79	503.51	491.47	2.48	ppb
Calcium	43-1	61520.56	62528.57	61952.24	62000.46	0.82	ppb
Calcium	44-1	60949.75	62375.73	62233.91	61853.13	1.27	ppb
Chromium	52-2	512.68	506.71	501.60	507.00	1.09	ppb
Cobalt	59-2	509.44	499.28	501.02	503.25	1.08	ppb
Copper	63-2	1182.82	1155.27	1164.75	1167.61	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				93		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	54-2	28420.83	27689.11	27681.97	27930.64	1.52	ppb
Iron	56-2	28190.81	27268.94	27307.87	27589.21	1.89	ppb
Iron	57-2	28455.96	27655.81	27838.46	27983.41	1.50	ppb
Krypton	83-1						cps
Lead	206-1	457.40	468.27	466.30	463.99	1.25	ppb
Lead	207-1	454.28	465.81	465.23	461.77	1.41	ppb
Lead	208-1	458.90	465.82	466.69	463.80	0.92	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MSD	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:41:33	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	63670.49	61588.66	60004.78	61754.64	2.98	ppb
Manganese	55-2	2325.84	2265.94	2269.40	2287.06	1.47	ppb
Molybdenum	94-1	2529.43	2688.82	2672.52	2630.25	3.33	ppb
Molybdenum	95-1	2665.16	2739.40	2667.40	2690.65	1.57	ppb
Molybdenum	96-1	2624.38	2708.76	2671.88	2668.34	1.59	ppb
Molybdenum	97-1	2635.58	2751.09	2710.32	2699.00	2.17	ppb
Molybdenum	98-1	2609.58	2722.26	2706.13	2679.32	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.05	538.08	540.70	542.28	0.95	ppb
Phosphorus	31-2	128.49	130.03	147.97	135.49	7.99	ppb
Potassium	39-2	33631.86	32170.53	32509.81	32770.73	2.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	491.71	504.05	502.75	499.51	1.36	ppb
Selenium	77-2	475.62	449.00	522.12	482.25	7.67	ppb
Selenium	78-2	496.57	513.40	488.89	499.62	2.51	ppb
Silicon	28-1	2393.74	2479.53	2388.42	2420.56	2.11	ppb
Silver	109-1	73.20	73.85	75.73	74.26	1.77	ppb
Silver	107-1	76.44	75.79	76.70	76.31	0.61	ppb
Sodium	23-2	158320.00	151484.25	150833.26	153545.84	2.70	ppb
Strontium	86-1	613.06	641.35	633.65	629.35	2.32	ppb
Strontium	88-1	617.71	637.58	634.21	629.83	1.69	ppb
Sulfur	34-1	6107.54	5937.67	4968.38	5671.19	10.84	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	487.48	495.47	500.37	494.44	1.32	ppb
Thallium	205-1	499.99	502.86	505.57	502.81	0.55	ppb
Tin	118-1	521.76	522.51	528.79	524.35	0.74	ppb
Titanium	47-1	2558.68	2620.18	2524.19	2567.68	1.89	ppb
Uranium	238-1	489.51	499.03	497.56	495.37	1.03	ppb
Vanadium	51-2	509.93	498.24	499.38	502.52	1.28	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MSD	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:41:33	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	1085.15	1065.39	1060.67	1070.41	1.21	ppb
Zirconium	90-1	488.08	508.33	503.55	499.99	2.12	ppb
Zirconium	91-1	482.70	499.46	501.47	494.54	2.08	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02A Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:44:21 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10683.22	10633.14	10570.20	10628.85	0.53	ppb
Antimony	121-1	514.29	509.38	507.44	510.37	0.69	ppb
Arsenic	75-2	565.53	571.09	571.10	569.24	0.56	ppb
Barium	135-1	2887.76	2847.85	2836.31	2857.30	0.94	ppb
Barium	137-1	2907.84	2810.95	2892.68	2870.49	1.82	ppb
Beryllium	9-1	495.65	506.21	487.50	496.45	1.89	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	568.06	625.45	626.62	606.71	5.52	ppb
Boron	11-1	568.02	626.58	628.59	607.73	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	497.83	484.33	495.86	492.67	1.48	ppb
Cadmium	106-1	508.63	489.94	497.04	498.54	1.89	ppb
Cadmium	108-1	515.22	499.87	486.18	500.42	2.90	ppb
Calcium	43-1	63873.94	64541.33	65118.97	64511.41	0.97	ppb
Calcium	44-1	62999.41	64046.79	64944.47	63996.89	1.52	ppb
Chromium	52-2	515.27	506.56	504.66	508.83	1.11	ppb
Cobalt	59-2	510.25	504.19	503.56	506.00	0.73	ppb
Copper	63-2	1178.99	1176.72	1165.56	1173.76	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	28239.23	27836.10	27835.50	27970.28	0.83	ppb
Iron	56-2	27895.75	27920.55	27322.34	27712.88	1.22	ppb
Iron	57-2	28052.73	28053.77	27890.04	27998.84	0.34	ppb
Krypton	83-1						cps
Lead	206-1	482.61	470.57	481.87	478.35	1.41	ppb
Lead	207-1	487.03	466.15	483.32	478.83	2.33	ppb
Lead	208-1	481.22	471.24	483.46	478.64	1.36	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:44:21	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	61775.85	61020.97	62368.05	61721.62	1.09	ppb
Manganese	55-2	2292.41	2293.56	2275.44	2287.13	0.44	ppb
Molybdenum	94-1	2655.65	2600.22	2743.62	2666.49	2.71	ppb
Molybdenum	95-1	2694.16	2665.67	2770.09	2709.97	1.99	ppb
Molybdenum	96-1	2693.86	2669.81	2722.32	2695.33	0.98	ppb
Molybdenum	97-1	2687.68	2693.58	2763.10	2714.78	1.55	ppb
Molybdenum	98-1	2647.04	2650.17	2704.42	2667.21	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.53	538.52	541.48	540.51	0.32	ppb
Phosphorus	31-2	102.44	81.62	175.08	119.71	40.99	ppb
Potassium	39-2	32653.71	32864.41	32149.74	32555.95	1.13	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	492.57	498.55	505.31	498.81	1.28	ppb
Selenium	77-2	520.54	515.58	470.99	502.37	5.43	ppb
Selenium	78-2	516.87	493.50	518.07	509.48	2.72	ppb
Silicon	28-1	2507.08	2506.42	2512.61	2508.71	0.14	ppb
Silver	109-1	389.27	346.51	362.39	366.06	5.91	ppb
Silver	107-1	340.56	336.76	340.71	339.34	0.66	ppb
Sodium	23-2	152875.05	153049.38	152393.14	152772.52	0.22	ppb
Strontium	86-1	627.05	627.10	639.90	631.35	1.17	ppb
Strontium	88-1	634.42	645.70	640.00	640.04	0.88	ppb
Sulfur	34-1	7377.69	7296.95	7178.62	7284.42	1.37	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	511.68	502.46	518.91	511.02	1.61	ppb
Thallium	205-1	522.96	499.13	522.82	514.97	2.66	ppb
Tin	118-1	544.39	533.90	529.40	535.90	1.44	ppb
Titanium	47-1	2591.71	2603.67	2633.16	2609.51	0.82	ppb
Uranium	238-1	520.24	500.19	511.12	510.52	1.97	ppb
Vanadium	51-2	505.55	502.64	500.05	502.74	0.55	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:44:21	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	1085.41	1084.25	1065.71	1078.46	1.03	ppb
Zirconium	90-1	509.54	504.07	514.23	509.28	1.00	ppb
Zirconium	91-1	499.82	494.26	500.64	498.24	0.70	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5020-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:47:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.38	21.49	27.53	24.13	12.80	ppb
Antimony	121-1	0.15	0.12	0.12	0.13	10.98	ppb
Arsenic	75-2	111.48	111.52	111.87	111.62	0.19	ppb
Barium	135-1	31.28	30.69	31.61	31.20	1.49	ppb
Barium	137-1	31.47	31.43	30.90	31.26	1.02	ppb
Beryllium	9-1	0.50	0.48	0.49	0.49	1.70	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	199.05	204.74	206.08	203.29	1.84	ppb
Boron	11-1	194.91	203.23	205.08	201.07	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.09	0.07	0.08	16.83	ppb
Cadmium	106-1	1.58	2.64	-2.17	0.68	369.41	ppb
Cadmium	108-1	-0.35	0.03	-0.16	-0.16		ppb
Calcium	43-1	282860.58	281795.65	280419.16	281691.80	0.43	ppb
Calcium	44-1	281068.94	285520.00	284282.31	283623.75	0.81	ppb
Chromium	52-2	33.62	33.57	34.21	33.80	1.05	ppb
Cobalt	59-2	0.44	0.48	0.49	0.47	6.14	ppb
Copper	63-2	1.19	1.09	1.09	1.12	5.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	54-2	6846.35	6938.00	6836.70	6873.68	0.81	ppb
Iron	56-2	6883.66	6899.01	6997.36	6926.68	0.89	ppb
Iron	57-2	7110.17	6973.05	6989.12	7024.11	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.50	0.42	0.47	8.31	ppb
Lead	207-1	0.38	0.41	0.39	0.39	3.44	ppb
Lead	208-1	0.44	0.42	0.41	0.42	3.22	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5020-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:47:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	79678.50	80074.08	79280.79	79677.79	0.50	ppb
Manganese	55-2	849.66	853.22	861.95	854.94	0.74	ppb
Molybdenum	94-1	0.63	0.48	0.49	0.53	15.55	ppb
Molybdenum	95-1	0.49	0.48	0.45	0.47	4.62	ppb
Molybdenum	96-1	0.55	0.44	0.44	0.48	13.13	ppb
Molybdenum	97-1	0.72	0.50	0.26	0.49	47.02	ppb
Molybdenum	98-1	0.57	0.47	0.37	0.47	21.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.50	28.78	28.43	28.57	0.64	ppb
Phosphorus	31-2	173.96	205.59	151.31	176.95	15.41	ppb
Potassium	39-2	14414.59	14258.06	14378.45	14350.37	0.57	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	1.29	4.25	2.88	2.81	52.78	ppb
Selenium	77-2	-1.19	-1.18	-3.45	-1.94		ppb
Selenium	78-2	3.24	-1.17	2.64	1.57	152.35	ppb
Silicon	28-1	5104.04	5045.16	5186.54	5111.91	1.39	ppb
Silver	109-1	0.09	0.11	0.11	0.10	13.92	ppb
Silver	107-1	0.09	0.11	0.25	0.15	58.99	ppb
Sodium	23-2	145134.30	144529.58	145326.53	144996.81	0.29	ppb
Strontium	86-1	1642.35	1614.45	1618.78	1625.20	0.92	ppb
Strontium	88-1	1639.56	1630.14	1627.46	1632.39	0.39	ppb
Sulfur	34-1	2649.46	2286.85	2830.97	2589.09	10.70	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.56	0.59	0.48	0.55	10.32	ppb
Thallium	205-1	0.54	0.51	0.59	0.55	7.46	ppb
Tin	118-1	0.04	0.01	0.00	0.02	110.94	ppb
Titanium	47-1	1.88	1.64	2.13	1.88	12.97	ppb
Uranium	238-1	0.11	0.10	0.11	0.11	1.38	ppb
Vanadium	51-2	0.29	0.40	0.28	0.32	20.66	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5020-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:47:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	0.74	0.66	0.93	0.78	17.63	ppb
Zirconium	90-1	0.13	0.12	0.13	0.13	4.86	ppb
Zirconium	91-1	0.14	0.14	0.15	0.14	6.21	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-6027-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:49:59 DataFile Name : 075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	4.01	4.28	3.94	9.89	ppb
Antimony	121-1	0.61	0.69	0.75	0.69	9.97	ppb
Arsenic	75-2	4.63	5.02	4.41	4.68	6.60	ppb
Barium	135-1	24.74	25.48	26.07	25.43	2.61	ppb
Barium	137-1	24.53	25.02	24.83	24.80	1.00	ppb
Beryllium	9-1	0.36	0.35	0.29	0.33	11.69	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	81.33	83.44	81.86	82.21	1.33	ppb
Boron	11-1	84.56	82.82	83.72	83.70	1.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	0.02	0.02	77.42	ppb
Cadmium	106-1	1.31	-3.62	1.93	-0.13		ppb
Cadmium	108-1	0.21	0.02	0.12	0.12	79.81	ppb
Calcium	43-1	12357.62	12466.50	12299.02	12374.38	0.69	ppb
Calcium	44-1	12372.30	12682.79	12763.43	12606.17	1.64	ppb
Chromium	52-2	0.34	0.34	0.25	0.31	16.12	ppb
Cobalt	59-2	0.07	0.11	0.11	0.10	20.11	ppb
Copper	63-2	0.69	0.62	0.65	0.65	5.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	6104.08	6114.15	6120.84	6113.02	0.14	ppb
Iron	56-2	6171.10	6169.75	6250.10	6196.98	0.74	ppb
Iron	57-2	6247.32	6294.89	6195.53	6245.91	0.80	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.33	0.28	0.30	8.67	ppb
Lead	207-1	0.25	0.30	0.40	0.31	24.04	ppb
Lead	208-1	0.29	0.31	0.32	0.31	5.12	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6027-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:49:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	6788.37	6684.89	6637.77	6703.68	1.15	ppb
Manganese	55-2	165.62	166.57	163.25	165.15	1.04	ppb
Molybdenum	94-1	0.68	0.48	0.85	0.67	27.52	ppb
Molybdenum	95-1	0.92	0.85	0.88	0.88	4.40	ppb
Molybdenum	96-1	0.81	0.89	0.82	0.84	5.56	ppb
Molybdenum	97-1	0.80	1.00	0.59	0.80	25.59	ppb
Molybdenum	98-1	0.76	0.86	0.74	0.79	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.26	0.10	0.15	69.66	ppb
Phosphorus	31-2	74.98	60.91	92.20	76.03	20.61	ppb
Potassium	39-2	8812.80	8771.53	8831.30	8805.21	0.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	2.69	2.57	-2.96	0.77	420.97	ppb
Selenium	77-2	-3.45	-1.19	-1.24	-1.96		ppb
Selenium	78-2	0.00	0.84	3.23	1.36	123.72	ppb
Silicon	28-1	2350.36	2389.48	2413.42	2384.42	1.34	ppb
Silver	109-1	0.09	0.06	0.03	0.06	54.69	ppb
Silver	107-1	0.04	0.06	0.03	0.04	33.79	ppb
Sodium	23-2	93821.80	92269.65	92235.14	92775.53	0.98	ppb
Strontium	86-1	103.95	105.16	106.12	105.08	1.03	ppb
Strontium	88-1	103.18	105.73	106.02	104.98	1.49	ppb
Sulfur	34-1	7480.05	7383.56	7785.12	7549.58	2.78	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.20	0.19	0.12	0.17	25.52	ppb
Thallium	205-1	0.21	0.15	0.18	0.18	16.10	ppb
Tin	118-1	-0.06	-0.04	-0.06	-0.05		ppb
Titanium	47-1	0.34	0.35	0.43	0.37	13.25	ppb
Uranium	238-1	0.61	0.60	0.61	0.60	0.29	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	64.25	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6027-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:49:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	4.11	4.26	3.90	4.09	4.45	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	33.64	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	6.32	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48722.36	47647.88	47592.02	47987.42	1.33	ppb
Antimony	121-1	504.50	480.18	497.36	494.01	2.53	ppb
Arsenic	75-2	492.32	492.44	484.68	489.81	0.91	ppb
Barium	135-1	2545.47	2455.36	2522.40	2507.74	1.87	ppb
Barium	137-1	2603.20	2500.61	2546.73	2550.18	2.01	ppb
Beryllium	9-1	485.20	495.12	484.24	488.19	1.23	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	457.70	500.31	527.34	495.12	7.09	ppb
Boron	11-1	456.68	505.90	525.21	495.93	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	486.93	464.53	478.04	476.50	2.37	ppb
Cadmium	106-1	501.27	473.87	476.62	483.92	3.12	ppb
Cadmium	108-1	496.14	475.52	474.15	481.94	2.56	ppb
Calcium	43-1	254447.53	255626.16	258175.39	256083.03	0.74	ppb
Calcium	44-1	253798.70	254629.19	253365.47	253931.12	0.25	ppb
Chromium	52-2	502.74	501.68	498.26	500.89	0.47	ppb
Cobalt	59-2	499.62	492.23	489.91	493.92	1.03	ppb
Copper	63-2	5037.20	5000.85	4965.21	5001.08	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	54-2	126180.96	127342.22	125095.70	126206.29	0.89	ppb
Iron	56-2	124193.16	123333.49	124049.63	123858.76	0.37	ppb
Iron	57-2	128328.63	127979.59	127188.70	127832.31	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2614.19	2463.31	2479.96	2519.15	3.28	ppb
Lead	207-1	2604.13	2462.46	2513.83	2526.81	2.84	ppb
Lead	208-1	2594.05	2469.93	2504.39	2522.79	2.54	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	254860.19	244838.87	245298.82	248332.63	2.28	ppb
Manganese	55-2	5200.59	5035.89	5142.96	5126.48	1.63	ppb
Molybdenum	94-1	2508.72	2526.77	2563.39	2532.96	1.10	ppb
Molybdenum	95-1	2527.00	2493.10	2525.04	2515.05	0.76	ppb
Molybdenum	96-1	2510.03	2519.13	2521.72	2516.96	0.24	ppb
Molybdenum	97-1	2477.41	2522.48	2547.81	2515.90	1.42	ppb
Molybdenum	98-1	2494.28	2447.06	2548.73	2496.69	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.16	494.32	492.25	494.91	0.61	ppb
Phosphorus	31-2	10416.45	10064.99	10377.97	10286.47	1.87	ppb
Potassium	39-2	124922.40	125563.97	124081.92	124856.10	0.60	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	486.80	482.79	507.37	492.32	2.68	ppb
Selenium	77-2	505.80	487.45	490.35	494.53	2.00	ppb
Selenium	78-2	500.62	498.33	485.13	494.70	1.69	ppb
Silicon	28-1	454.84	507.75	556.16	506.25	10.01	ppb
Silver	109-1	488.35	470.35	481.55	480.08	1.89	ppb
Silver	107-1	495.63	477.97	481.59	485.06	1.92	ppb
Sodium	23-2	252684.28	247652.02	248411.23	249582.51	1.09	ppb
Strontium	86-1	497.47	499.58	500.72	499.26	0.33	ppb
Strontium	88-1	504.12	508.81	504.10	505.68	0.54	ppb
Sulfur	34-1	9118.79	7922.22	7598.74	8213.25	9.75	ppb
Terbium	159-1				88		%
Terbium	159-2				92		%
Thallium	203-1	503.82	479.35	481.98	488.38	2.75	ppb
Thallium	205-1	526.77	490.15	497.35	504.76	3.84	ppb
Tin	118-1	506.11	486.32	498.45	496.96	2.01	ppb
Titanium	47-1	2491.51	2459.70	2424.95	2458.72	1.35	ppb
Uranium	238-1	523.62	498.08	522.53	514.74	2.81	ppb
Vanadium	51-2	499.66	493.92	496.11	496.56	0.58	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	4961.13	4897.35	4853.94	4904.14	1.10	ppb
Zirconium	90-1	516.34	498.40	502.16	505.63	1.87	ppb
Zirconium	91-1	499.96	492.22	505.09	499.09	1.30	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.36	1.41	0.90	1.89	68.75	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	16.72	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	247.42	ppb
Barium	135-1	0.00	0.06	-0.04	0.01	642.60	ppb
Barium	137-1	0.01	0.07	0.07	0.05	72.21	ppb
Beryllium	9-1	0.27	0.24	0.28	0.26	8.15	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	26.75	26.94	27.02	26.91	0.52	ppb
Boron	11-1	26.57	27.03	26.19	26.59	1.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.01	0.01	0.01	248.35	ppb
Cadmium	106-1	-0.52	-0.59	-0.49	-0.53		ppb
Cadmium	108-1	-0.35	0.16	-0.25	-0.15		ppb
Calcium	43-1	-14.39	-4.22	-2.75	-7.12		ppb
Calcium	44-1	7.85	14.48	13.91	12.08	30.40	ppb
Chromium	52-2	0.23	0.26	0.26	0.25	7.63	ppb
Cobalt	59-2	0.05	0.05	0.04	0.04	8.30	ppb
Copper	63-2	0.57	0.54	0.50	0.54	5.94	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				88		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	54-2	7.39	5.64	5.89	6.31	14.96	ppb
Iron	56-2	2.88	3.44	2.89	3.07	10.35	ppb
Iron	57-2	-0.56	-2.04	5.02	0.81	461.76	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.30	0.41	0.34	18.64	ppb
Lead	207-1	0.31	0.42	0.32	0.35	16.94	ppb
Lead	208-1	0.32	0.33	0.32	0.33	1.34	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	2.39	5.22	6.64	4.75	45.47	ppb
Manganese	55-2	0.29	0.28	0.52	0.37	36.79	ppb
Molybdenum	94-1	0.03	0.01	0.05	0.03	70.83	ppb
Molybdenum	95-1	0.04	0.05	0.03	0.04	27.79	ppb
Molybdenum	96-1	0.03	0.00	0.06	0.03	85.92	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	54.96	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	73.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.05	-0.06	-0.07		ppb
Phosphorus	31-2	-13.37	16.06	-53.46	-16.92		ppb
Potassium	39-2	100.54	73.15	75.56	83.08	18.25	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	-0.65	0.57	2.21	0.71	202.19	ppb
Selenium	77-2	-3.45	-3.45	1.33	-1.85		ppb
Selenium	78-2	3.66	1.40	0.86	1.97	75.48	ppb
Silicon	28-1	62.43	87.88	72.14	74.15	17.32	ppb
Silver	109-1	0.05	0.10	0.10	0.08	34.11	ppb
Silver	107-1	0.08	0.08	0.07	0.08	5.32	ppb
Sodium	23-2	150.17	147.42	165.47	154.35	6.30	ppb
Strontium	86-1	0.76	0.32	0.21	0.43	67.82	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	31.29	ppb
Sulfur	34-1	216.89	1936.22	1168.62	1107.25	77.79	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.01	0.08	0.03	112.90	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	19.30	ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.05		ppb
Titanium	47-1	0.19	0.13	0.16	0.16	20.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	68.85	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				86		%
Zinc	66-2	-0.55	-0.57	-0.50	-0.54		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	70.65	ppb
Zirconium	91-1	-0.01	-0.01	0.04	0.01	292.15	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-05 Instrumnet Name : P8
 Client Sample ID : TU032-32-6064-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:04:12 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.25	12.42	9.65	10.10	20.99	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	15.08	ppb
Arsenic	75-2	92.99	92.54	90.78	92.11	1.27	ppb
Barium	135-1	126.28	124.86	123.51	124.88	1.11	ppb
Barium	137-1	126.70	127.50	124.53	126.24	1.22	ppb
Beryllium	9-1	0.26	0.27	0.22	0.25	10.25	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	87.53	94.89	108.37	96.93	10.90	ppb
Boron	11-1	88.91	96.12	106.95	97.33	9.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.04	0.01	0.02	86.22	ppb
Cadmium	106-1	0.08	0.00	0.75	0.28	147.92	ppb
Cadmium	108-1	-0.35	-0.16	-0.07	-0.19		ppb
Calcium	43-1	178220.77	178389.40	180198.71	178936.29	0.61	ppb
Calcium	44-1	180558.36	176639.55	181654.25	179617.39	1.47	ppb
Chromium	52-2	0.34	0.38	0.40	0.38	8.94	ppb
Cobalt	59-2	0.07	0.07	0.05	0.06	20.83	ppb
Copper	63-2	0.37	0.50	0.55	0.47	19.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	3338.09	3263.06	3276.45	3292.53	1.22	ppb
Iron	56-2	3356.33	3304.63	3299.72	3320.23	0.94	ppb
Iron	57-2	3333.24	3305.38	3201.24	3279.95	2.12	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.52	0.45	0.48	7.39	ppb
Lead	207-1	0.45	0.50	0.41	0.45	10.01	ppb
Lead	208-1	0.44	0.44	0.40	0.43	6.21	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6064-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:04:12	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	64397.14	64311.43	63788.43	64165.67	0.51	ppb
Manganese	55-2	416.85	414.80	414.66	415.44	0.30	ppb
Molybdenum	94-1	0.22	0.32	0.29	0.28	19.12	ppb
Molybdenum	95-1	0.37	0.25	0.36	0.33	20.88	ppb
Molybdenum	96-1	0.34	0.31	0.29	0.31	7.16	ppb
Molybdenum	97-1	0.42	0.32	0.18	0.31	39.13	ppb
Molybdenum	98-1	0.24	0.27	0.35	0.29	19.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.10	0.11	0.14	38.36	ppb
Phosphorus	31-2	111.84	104.57	146.73	121.05	18.62	ppb
Potassium	39-2	12972.98	12926.37	12781.55	12893.64	0.77	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.76	0.75	1.10	0.36	270.46	ppb
Selenium	77-2	1.05	3.35	-1.22	1.06	214.69	ppb
Selenium	78-2	1.80	3.09	4.54	3.14	43.68	ppb
Silicon	28-1	4276.00	4190.30	4355.33	4273.88	1.93	ppb
Silver	109-1	0.05	0.02	0.03	0.03	38.47	ppb
Silver	107-1	0.03	0.00	0.00	0.01	168.85	ppb
Sodium	23-2	82045.34	80212.18	79931.82	80729.78	1.42	ppb
Strontium	86-1	1029.52	1018.69	1043.64	1030.62	1.21	ppb
Strontium	88-1	1034.32	1030.88	1054.39	1039.87	1.22	ppb
Sulfur	34-1	22605.72	20931.02	22739.22	22091.99	4.56	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.03	-0.01	0.00	0.01	269.86	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	59.86	ppb
Tin	118-1	-0.08	-0.06	-0.04	-0.06		ppb
Titanium	47-1	0.73	1.07	1.15	0.98	22.84	ppb
Uranium	238-1	0.40	0.38	0.36	0.38	6.39	ppb
Vanadium	51-2	0.02	0.00	0.04	0.02	96.05	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6064-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:04:12	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	0.33	0.56	0.08	0.32	74.09	ppb
Zirconium	90-1	0.08	0.10	0.11	0.10	17.66	ppb
Zirconium	91-1	0.20	0.07	0.15	0.14	44.55	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-571-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:07:02	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.24	61.35	59.76	59.79	2.60	ppb
Antimony	121-1	0.09	0.08	0.05	0.07	26.84	ppb
Arsenic	75-2	43.42	43.37	41.99	42.93	1.89	ppb
Barium	135-1	10.51	10.88	10.16	10.51	3.40	ppb
Barium	137-1	10.59	9.89	9.51	10.00	5.47	ppb
Beryllium	9-1	0.24	0.21	0.16	0.20	20.99	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	76.40	79.52	79.99	78.64	2.48	ppb
Boron	11-1	76.42	80.26	84.97	80.55	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.04	0.02	0.05	50.33	ppb
Cadmium	106-1	3.28	1.36	-1.33	1.10	209.91	ppb
Cadmium	108-1	0.04	0.13	-0.16	0.00	15879.31	ppb
Calcium	43-1	29218.01	28773.63	28953.64	28981.76	0.77	ppb
Calcium	44-1	29467.55	29301.58	28743.04	29170.73	1.30	ppb
Chromium	52-2	10.27	10.09	9.99	10.11	1.39	ppb
Cobalt	59-2	0.46	0.54	0.55	0.52	8.99	ppb
Copper	63-2	1.27	1.24	1.34	1.28	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	294.06	280.85	276.51	283.81	3.22	ppb
Iron	56-2	269.06	268.67	265.98	267.90	0.63	ppb
Iron	57-2	290.80	270.02	282.61	281.15	3.72	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.44	0.36	0.41	11.48	ppb
Lead	207-1	0.38	0.39	0.40	0.39	2.97	ppb
Lead	208-1	0.43	0.42	0.38	0.41	6.81	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-571-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:07:02 DataFile Name : 079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	8854.96	8814.91	8711.16	8793.68	0.84	ppb
Manganese	55-2	42.94	43.12	42.66	42.90	0.54	ppb
Molybdenum	94-1	1.33	1.55	1.57	1.48	8.84	ppb
Molybdenum	95-1	1.95	1.91	1.81	1.89	3.99	ppb
Molybdenum	96-1	2.05	2.01	1.88	1.98	4.59	ppb
Molybdenum	97-1	1.89	2.16	2.07	2.04	6.69	ppb
Molybdenum	98-1	1.96	1.77	1.76	1.83	6.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.18	15.38	13.98	14.85	5.11	ppb
Phosphorus	31-2	53.43	-40.67	-16.99	-1.41		ppb
Potassium	39-2	6060.79	5894.06	5866.74	5940.53	1.77	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	4.50	5.57	2.79	4.29	32.72	ppb
Selenium	77-2	-1.21	-3.45	-3.45	-2.70		ppb
Selenium	78-2	1.36	1.94	1.75	1.68	17.59	ppb
Silicon	28-1	2798.54	2770.28	2747.08	2771.97	0.93	ppb
Silver	109-1	0.04	0.01	0.01	0.02	77.28	ppb
Silver	107-1	0.03	0.00	0.01	0.01	99.96	ppb
Sodium	23-2	94048.72	92938.05	90742.78	92576.52	1.82	ppb
Strontium	86-1	198.66	192.22	187.14	192.67	2.99	ppb
Strontium	88-1	196.77	193.67	192.04	194.16	1.24	ppb
Sulfur	34-1	20068.62	19220.45	18380.00	19223.02	4.39	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	538.18	ppb
Tin	118-1	-0.06	-0.08	-0.05	-0.06		ppb
Titanium	47-1	3.50	3.46	3.51	3.49	0.82	ppb
Uranium	238-1	1.20	1.16	1.23	1.20	2.93	ppb
Vanadium	51-2	0.26	0.20	0.22	0.23	15.88	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-571-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:07:02	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.74	0.16	0.36	0.42	70.11	ppb
Zirconium	90-1	0.08	0.07	0.11	0.09	25.06	ppb
Zirconium	91-1	0.15	0.11	0.06	0.11	44.56	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-6135-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:09:50 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.10	74.24	77.97	73.77	6.04	ppb
Antimony	121-1	0.67	0.64	0.69	0.67	3.99	ppb
Arsenic	75-2	27.74	27.87	27.77	27.80	0.25	ppb
Barium	135-1	17.77	17.87	19.25	18.30	4.51	ppb
Barium	137-1	18.46	18.83	19.69	19.00	3.32	ppb
Beryllium	9-1	0.21	0.18	0.22	0.20	10.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	81.99	95.85	97.02	91.62	9.12	ppb
Boron	11-1	89.94	95.84	100.88	95.56	5.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	0.02	0.02	82.42	ppb
Cadmium	106-1	2.40	0.49	0.62	1.17	91.35	ppb
Cadmium	108-1	-0.16	0.12	-0.25	-0.10		ppb
Calcium	43-1	3892.37	4032.93	4092.77	4006.02	2.57	ppb
Calcium	44-1	4045.28	4097.39	4147.65	4096.77	1.25	ppb
Chromium	52-2	15.33	15.66	16.39	15.79	3.46	ppb
Cobalt	59-2	0.23	0.25	0.41	0.30	33.35	ppb
Copper	63-2	6.21	6.54	7.31	6.69	8.51	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				95		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	272.77	292.10	317.09	293.99	7.56	ppb
Iron	56-2	263.76	264.11	290.38	272.75	5.60	ppb
Iron	57-2	251.26	265.76	325.74	280.92	14.05	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.48	0.64	0.57	14.61	ppb
Lead	207-1	0.47	0.54	0.55	0.52	7.69	ppb
Lead	208-1	0.55	0.56	0.57	0.56	1.85	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-6135-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:09:50 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	2675.06	2720.14	2761.68	2718.96	1.59	ppb
Manganese	55-2	5.48	5.64	7.95	6.36	21.75	ppb
Molybdenum	94-1	3.19	3.16	3.41	3.25	4.21	ppb
Molybdenum	95-1	4.48	4.54	4.56	4.53	0.92	ppb
Molybdenum	96-1	3.81	4.19	4.25	4.08	5.86	ppb
Molybdenum	97-1	4.15	4.49	4.60	4.41	5.32	ppb
Molybdenum	98-1	4.24	4.33	4.33	4.30	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.05	14.97	15.43	15.15	1.63	ppb
Phosphorus	31-2	58.84	11.20	71.81	47.28	67.49	ppb
Potassium	39-2	15687.75	15646.43	16036.42	15790.20	1.36	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	1.79	-1.67	-1.14	-0.34		ppb
Selenium	77-2	1.07	-3.45	-3.45	-1.94		ppb
Selenium	78-2	3.24	3.27	3.28	3.26	0.55	ppb
Silicon	28-1	2040.52	2109.53	2147.50	2099.18	2.58	ppb
Silver	109-1	0.17	0.11	0.15	0.14	20.51	ppb
Silver	107-1	0.11	0.11	0.09	0.11	9.55	ppb
Sodium	23-2	180259.17	185230.16	187809.59	184432.97	2.08	ppb
Strontium	86-1	90.37	92.52	96.10	93.00	3.11	ppb
Strontium	88-1	93.50	96.26	97.08	95.61	1.96	ppb
Sulfur	34-1	21243.89	22688.74	22360.21	22097.61	3.43	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	0.01	-0.02	-0.01		ppb
Tin	118-1	0.02	-0.03	-0.06	-0.02		ppb
Titanium	47-1	1.58	0.94	0.93	1.15	32.15	ppb
Uranium	238-1	2.55	2.69	2.69	2.64	3.11	ppb
Vanadium	51-2	1.74	1.76	2.00	1.83	8.05	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6135-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:09:50	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	7.15	6.13	7.56	6.95	10.61	ppb
Zirconium	90-1	0.06	0.05	0.09	0.07	31.83	ppb
Zirconium	91-1	0.06	0.05	0.09	0.07	35.40	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.48	98.33	105.66	102.16	3.60	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	10.85	ppb
Arsenic	75-2	30.21	29.96	30.00	30.06	0.44	ppb
Barium	135-1	45.32	44.63	46.20	45.38	1.73	ppb
Barium	137-1	44.97	46.22	45.33	45.51	1.41	ppb
Beryllium	9-1	0.18	0.19	0.22	0.20	8.27	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	71.04	75.83	81.36	76.08	6.79	ppb
Boron	11-1	70.17	76.78	81.51	76.16	7.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.12	0.15	0.13	14.08	ppb
Cadmium	106-1	4.16	-3.37	-3.07	-0.76		ppb
Cadmium	108-1	0.04	0.03	-0.16	-0.03		ppb
Calcium	43-1	85908.64	90761.40	88940.16	88536.74	2.77	ppb
Calcium	44-1	86922.60	90692.59	91114.81	89576.67	2.58	ppb
Chromium	52-2	0.51	0.48	0.49	0.49	3.03	ppb
Cobalt	59-2	0.54	0.47	0.45	0.49	10.57	ppb
Copper	63-2	7.52	7.37	7.47	7.45	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	279.84	264.69	281.13	275.22	3.32	ppb
Iron	56-2	270.75	271.79	266.86	269.80	0.96	ppb
Iron	57-2	268.46	262.12	267.39	265.99	1.28	ppb
Krypton	83-1						cps
Lead	206-1	2.34	2.14	2.10	2.19	5.88	ppb
Lead	207-1	2.28	1.95	2.08	2.10	7.93	ppb
Lead	208-1	2.28	2.12	2.11	2.17	4.48	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	26785.55	27270.23	26783.74	26946.51	1.04	ppb
Manganese	55-2	265.79	265.24	260.58	263.87	1.08	ppb
Molybdenum	94-1	0.38	0.36	0.41	0.38	7.08	ppb
Molybdenum	95-1	0.20	0.23	0.16	0.20	18.96	ppb
Molybdenum	96-1	0.23	0.24	0.18	0.22	16.19	ppb
Molybdenum	97-1	0.18	0.23	0.27	0.23	19.45	ppb
Molybdenum	98-1	0.17	0.21	0.19	0.19	9.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.80	0.86	0.82	3.50	ppb
Phosphorus	31-2	12.30	33.05	-0.36	15.00	112.48	ppb
Potassium	39-2	6528.43	6605.20	6588.47	6574.03	0.61	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	3.44	-1.05	2.46	1.62	146.31	ppb
Selenium	77-2	-1.19	-1.19	-1.19	-1.19		ppb
Selenium	78-2	2.24	-0.18	3.67	1.91	102.03	ppb
Silicon	28-1	4477.25	4730.30	4624.74	4610.76	2.76	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.12	ppb
Silver	107-1	0.04	0.01	0.02	0.02	52.98	ppb
Sodium	23-2	59525.49	60714.30	59169.27	59803.02	1.35	ppb
Strontium	86-1	451.77	466.68	462.94	460.46	1.68	ppb
Strontium	88-1	458.72	472.48	471.30	467.50	1.63	ppb
Sulfur	34-1	1487.45	2709.83	2080.02	2092.43	29.21	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.01	0.02	0.00		ppb
Thallium	205-1	0.00	0.02	-0.02	0.00		ppb
Tin	118-1	-0.02	-0.06	-0.07	-0.05		ppb
Titanium	47-1	2.59	3.28	3.04	2.97	11.78	ppb
Uranium	238-1	1.74	1.73	1.59	1.69	5.06	ppb
Vanadium	51-2	0.38	0.40	0.32	0.37	10.66	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	4.34	4.41	5.07	4.61	8.70	ppb
Zirconium	90-1	0.16	0.16	0.18	0.16	6.50	ppb
Zirconium	91-1	0.17	0.15	0.16	0.16	4.52	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.51	69.31	70.48	72.76	6.89	ppb
Antimony	121-1	0.25	0.27	0.20	0.24	16.70	ppb
Arsenic	75-2	51.69	51.07	51.60	51.45	0.65	ppb
Barium	135-1	40.19	40.22	42.07	40.83	2.63	ppb
Barium	137-1	41.08	40.94	40.49	40.84	0.75	ppb
Beryllium	9-1	0.18	0.24	0.20	0.21	14.13	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	69.16	74.64	83.07	75.63	9.27	ppb
Boron	11-1	70.59	77.70	83.82	77.37	8.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.04	0.03	0.04	28.23	ppb
Cadmium	106-1	2.52	0.88	-0.62	0.93	169.47	ppb
Cadmium	108-1	0.13	-0.06	-0.16	-0.03		ppb
Calcium	43-1	93528.59	94015.98	93637.49	93727.35	0.27	ppb
Calcium	44-1	94464.06	94696.56	94021.63	94394.08	0.36	ppb
Chromium	52-2	1.38	1.71	1.60	1.56	10.84	ppb
Cobalt	59-2	0.11	0.08	0.12	0.10	17.50	ppb
Copper	63-2	0.69	0.66	0.69	0.68	2.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	3084.78	3112.81	3111.33	3102.97	0.51	ppb
Iron	56-2	3156.17	3210.56	3068.05	3144.93	2.29	ppb
Iron	57-2	3113.64	3243.50	3139.57	3165.57	2.17	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.65	0.75	0.67	10.66	ppb
Lead	207-1	0.64	0.53	0.59	0.59	9.11	ppb
Lead	208-1	0.59	0.60	0.65	0.61	4.71	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	29889.06	30375.34	29396.34	29886.91	1.64	ppb
Manganese	55-2	395.55	404.23	392.75	397.51	1.51	ppb
Molybdenum	94-1	0.19	0.13	0.16	0.16	19.62	ppb
Molybdenum	95-1	0.07	0.15	0.13	0.12	37.63	ppb
Molybdenum	96-1	0.16	0.06	0.11	0.11	49.15	ppb
Molybdenum	97-1	0.11	0.05	0.15	0.10	47.22	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.11	1.21	1.15	4.62	ppb
Phosphorus	31-2	81.98	92.72	47.58	74.09	31.83	ppb
Potassium	39-2	6910.54	6990.69	6741.60	6880.94	1.85	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	2.10	2.07	-0.69	1.16	138.21	ppb
Selenium	77-2	-3.45	-3.45	1.06	-1.95		ppb
Selenium	78-2	2.52	1.78	1.60	1.97	24.79	ppb
Silicon	28-1	5018.65	5071.79	5053.40	5047.95	0.53	ppb
Silver	109-1	0.01	0.01	0.05	0.02	72.10	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.18	ppb
Sodium	23-2	56443.14	56943.04	54830.78	56072.32	1.97	ppb
Strontium	86-1	507.05	509.47	507.80	508.10	0.24	ppb
Strontium	88-1	514.33	509.29	508.31	510.64	0.63	ppb
Sulfur	34-1	2061.87	2115.38	1491.29	1889.52	18.31	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.02	0.00	-0.02		ppb
Titanium	47-1	2.90	3.36	3.21	3.15	7.45	ppb
Uranium	238-1	0.09	0.09	0.10	0.09	8.86	ppb
Vanadium	51-2	0.22	0.19	0.18	0.19	9.89	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	8.31	8.58	7.42	8.10	7.53	ppb
Zirconium	90-1	0.08	0.09	0.07	0.08	14.56	ppb
Zirconium	91-1	0.07	0.13	0.10	0.10	28.93	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-10 Instrumnet Name : P8
 Client Sample ID : TU032-32-6127-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:18:21 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104.93	103.82	106.64	105.13	1.35	ppb
Antimony	121-1	1.46	1.49	1.47	1.47	1.22	ppb
Arsenic	75-2	2.56	2.55	2.55	2.55	0.37	ppb
Barium	135-1	174.51	179.28	180.81	178.20	1.84	ppb
Barium	137-1	176.71	180.97	184.19	180.62	2.08	ppb
Beryllium	9-1	0.16	0.19	0.19	0.18	8.80	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	44.19	45.38	50.14	46.57	6.75	ppb
Boron	11-1	45.27	47.38	52.05	48.23	7.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.00	0.02	0.03	104.76	ppb
Cadmium	106-1	0.32	0.27	0.27	0.29	10.21	ppb
Cadmium	108-1	-0.07	0.12	0.04	0.03	295.32	ppb
Calcium	43-1	21751.07	21816.40	22555.71	22041.06	2.03	ppb
Calcium	44-1	21943.74	21733.74	23193.13	22290.20	3.54	ppb
Chromium	52-2	6.39	5.98	6.95	6.44	7.52	ppb
Cobalt	59-2	1.53	1.42	1.44	1.47	4.05	ppb
Copper	63-2	1.52	1.57	1.41	1.50	5.35	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				92		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	54-2	774.73	762.48	749.11	762.11	1.68	ppb
Iron	56-2	762.20	757.37	767.47	762.35	0.66	ppb
Iron	57-2	784.72	807.59	781.37	791.22	1.80	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.67	0.79	0.70	11.56	ppb
Lead	207-1	0.59	0.59	0.76	0.65	15.53	ppb
Lead	208-1	0.61	0.65	0.70	0.66	7.00	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-10 Instrumnet Name : P8
 Client Sample ID : TU032-32-6127-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:18:21 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	2886.74	2899.76	2909.62	2898.71	0.40	ppb
Manganese	55-2	137.41	133.78	134.00	135.06	1.51	ppb
Molybdenum	94-1	3.39	3.37	4.05	3.60	10.60	ppb
Molybdenum	95-1	4.33	4.62	5.08	4.68	8.18	ppb
Molybdenum	96-1	4.63	4.44	4.98	4.69	5.87	ppb
Molybdenum	97-1	4.93	4.99	5.18	5.03	2.59	ppb
Molybdenum	98-1	4.78	4.71	4.94	4.81	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.62	7.34	6.95	7.30	4.62	ppb
Phosphorus	31-2	216.91	276.18	265.44	252.84	12.49	ppb
Potassium	39-2	5900.19	5806.11	5861.06	5855.79	0.81	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	3.26	-1.18	-1.86	0.07	3833.76	ppb
Selenium	77-2	-1.20	-3.45	3.40	-0.41		ppb
Selenium	78-2	0.99	0.44	0.71	0.71	38.43	ppb
Silicon	28-1	2867.20	2987.68	3075.22	2976.70	3.51	ppb
Silver	109-1	0.03	0.04	0.05	0.04	25.65	ppb
Silver	107-1	0.03	0.04	0.03	0.03	18.24	ppb
Sodium	23-2	112224.13	109544.54	110975.83	110914.83	1.21	ppb
Strontium	86-1	1945.06	1995.30	2073.81	2004.72	3.24	ppb
Strontium	88-1	1982.09	2015.34	2109.20	2035.54	3.24	ppb
Sulfur	34-1	25568.53	25137.31	28026.47	26244.10	5.94	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.06	-0.01	-0.02	-0.03		ppb
Titanium	47-1	2.51	2.45	2.84	2.60	8.21	ppb
Uranium	238-1	0.18	0.20	0.21	0.20	8.56	ppb
Vanadium	51-2	0.24	0.19	0.20	0.21	13.34	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6127-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:18:21	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	7.06	6.14	6.24	6.48	7.76	ppb
Zirconium	90-1	0.05	0.06	0.17	0.09	73.65	ppb
Zirconium	91-1	0.01	0.06	0.16	0.07	102.73	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PB133660BL Instrumnet Name : P8
 Client Sample ID : PB133660BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:25:56 DataFile Name : 084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.99	2.11	1.17	2.42	59.32	ppb
Antimony	121-1	0.11	0.02	0.00	0.04	134.62	ppb
Arsenic	75-2	0.04	0.02	-0.03	0.01	246.20	ppb
Barium	135-1	0.91	0.01	0.03	0.32	161.84	ppb
Barium	137-1	0.78	0.04	0.01	0.28	159.03	ppb
Beryllium	9-1	0.20	0.16	0.15	0.17	16.35	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	12.55	11.09	10.57	11.40	9.01	ppb
Boron	11-1	12.08	11.86	11.41	11.79	2.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.00	0.01	0.06	162.12	ppb
Cadmium	106-1	1.53	-0.15	-1.31	0.02	5911.71	ppb
Cadmium	108-1	-0.25	-0.15	-0.15	-0.18		ppb
Calcium	43-1	-2.76	-9.30	-6.87	-6.31		ppb
Calcium	44-1	31.75	10.50	11.93	18.06	65.77	ppb
Chromium	52-2	0.21	0.22	0.20	0.21	5.39	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	55.93	ppb
Copper	63-2	0.43	0.42	0.34	0.40	13.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	54-2	4.51	3.25	3.12	3.63	21.07	ppb
Iron	56-2	1.89	2.05	1.90	1.95	4.67	ppb
Iron	57-2	1.63	-1.29	1.76	0.70	245.47	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.18	0.18	0.28	59.64	ppb
Lead	207-1	0.75	0.20	0.19	0.38	84.55	ppb
Lead	208-1	0.56	0.21	0.23	0.34	58.64	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BL	Instrumnet Name :	P8
Client Sample ID :	PB133660BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:25:56	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	4.27	8.68	4.64	5.86	41.73	ppb
Manganese	55-2	0.24	0.12	0.21	0.19	33.89	ppb
Molybdenum	94-1	0.11	-0.02	0.04	0.05	141.23	ppb
Molybdenum	95-1	0.04	0.00	0.01	0.02	110.45	ppb
Molybdenum	96-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	97-1	0.04	0.01	0.00	0.02	138.81	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	142.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.10	-0.02	0.00		ppb
Phosphorus	31-2	-44.95	-39.62	-74.62	-53.06		ppb
Potassium	39-2	71.59	92.34	61.48	75.14	20.94	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	82-1	1.28	0.43	-3.12	-0.47		ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	5.52	4.63	3.34	4.50	24.45	ppb
Silicon	28-1	77.28	78.72	77.75	77.91	0.94	ppb
Silver	109-1	0.07	0.03	0.06	0.05	38.30	ppb
Silver	107-1	0.04	0.07	0.06	0.06	24.52	ppb
Sodium	23-2	159.43	155.19	144.53	153.05	5.02	ppb
Strontium	86-1	0.54	0.32	0.56	0.47	28.21	ppb
Strontium	88-1	0.04	0.03	0.01	0.03	72.53	ppb
Sulfur	34-1	1691.10	1434.52	2124.82	1750.15	19.94	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.01	-0.03	0.04	225.30	ppb
Thallium	205-1	0.11	-0.01	0.00	0.03	189.31	ppb
Tin	118-1	0.07	-0.07	-0.02	-0.01		ppb
Titanium	47-1	0.34	0.39	0.25	0.33	21.49	ppb
Uranium	238-1	0.11	0.00	0.00	0.04	173.16	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	61.59	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BL	Instrumnet Name :	P8
Client Sample ID :	PB133660BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:25:56	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	-0.54	-0.88	-0.65	-0.69		ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	125.02	ppb
Zirconium	91-1	0.03	-0.02	0.00	0.00	484.48	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10680.93	10314.21	10348.92	10448.02	1.94	ppb
Antimony	121-1	477.58	497.77	492.85	489.40	2.15	ppb
Arsenic	75-2	526.05	507.73	495.85	509.88	2.98	ppb
Barium	135-1	2396.33	2501.86	2510.83	2469.67	2.58	ppb
Barium	137-1	2436.44	2563.81	2485.02	2495.09	2.58	ppb
Beryllium	9-1	484.60	484.92	485.96	485.16	0.15	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	366.14	426.48	464.37	419.00	11.82	ppb
Boron	11-1	378.63	424.41	456.09	419.71	9.28	ppb
Bromine	81-1						cps
Cadmium	111-1	472.01	479.73	485.81	479.18	1.44	ppb
Cadmium	106-1	475.88	484.73	492.66	484.42	1.73	ppb
Cadmium	108-1	462.87	491.19	476.50	476.85	2.97	ppb
Calcium	43-1	49797.33	50913.79	50015.37	50242.16	1.18	ppb
Calcium	44-1	50127.75	50893.97	50820.54	50614.09	0.84	ppb
Chromium	52-2	531.52	510.91	509.33	517.25	2.39	ppb
Cobalt	59-2	535.43	518.53	516.34	523.44	2.00	ppb
Copper	63-2	5426.11	5261.20	5274.36	5320.56	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	54-2	27894.34	26936.67	26867.06	27232.69	2.11	ppb
Iron	56-2	27673.37	27103.22	26944.30	27240.30	1.41	ppb
Iron	57-2	27908.47	27156.91	26728.75	27264.71	2.19	ppb
Krypton	83-1						cps
Lead	206-1	2439.33	2519.56	2516.39	2491.76	1.82	ppb
Lead	207-1	2425.25	2560.03	2499.47	2494.92	2.71	ppb
Lead	208-1	2426.02	2531.41	2485.67	2481.03	2.13	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	55079.88	53397.14	53580.18	54019.07	1.71	ppb
Manganese	55-2	5426.11	5254.42	5210.72	5297.08	2.15	ppb
Molybdenum	94-1	2416.21	2539.95	2540.20	2498.79	2.86	ppb
Molybdenum	95-1	2478.48	2550.90	2535.26	2521.55	1.51	ppb
Molybdenum	96-1	2440.88	2553.34	2494.09	2496.10	2.25	ppb
Molybdenum	97-1	2427.32	2565.81	2517.92	2503.68	2.81	ppb
Molybdenum	98-1	2444.31	2547.80	2490.85	2494.32	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.30	515.97	516.20	519.49	1.14	ppb
Phosphorus	31-2	11050.27	10327.27	10343.33	10573.62	3.90	ppb
Potassium	39-2	27450.28	26908.57	26478.13	26945.66	1.81	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	82-1	488.44	509.56	496.43	498.14	2.14	ppb
Selenium	77-2	522.70	484.06	487.38	498.05	4.30	ppb
Selenium	78-2	533.44	521.76	487.16	514.12	4.68	ppb
Silicon	28-1	360.08	397.47	381.19	379.58	4.94	ppb
Silver	109-1	473.72	488.07	488.95	483.58	1.77	ppb
Silver	107-1	483.43	491.95	491.01	488.80	0.96	ppb
Sodium	23-2	54832.96	53302.44	54176.30	54103.90	1.42	ppb
Strontium	86-1	485.10	502.33	491.78	493.07	1.76	ppb
Strontium	88-1	495.77	506.39	501.66	501.28	1.06	ppb
Sulfur	34-1	9712.04	9796.07	8623.01	9377.04	6.98	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	484.13	486.59	491.64	487.45	0.79	ppb
Thallium	205-1	487.55	502.12	510.87	500.18	2.36	ppb
Tin	118-1	483.97	494.89	499.93	492.93	1.65	ppb
Titanium	47-1	2417.19	2457.61	2424.81	2433.20	0.88	ppb
Uranium	238-1	496.41	504.42	492.38	497.74	1.23	ppb
Vanadium	51-2	519.32	510.23	506.37	511.97	1.30	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				87		%
Zinc	66-2	5309.01	5185.78	5162.28	5219.02	1.51	ppb
Zirconium	90-1	489.27	508.52	502.47	500.09	1.97	ppb
Zirconium	91-1	482.55	499.90	497.38	493.28	1.90	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.94	65.14	65.47	65.18	0.42	ppb
Antimony	121-1	0.33	0.25	0.23	0.27	19.25	ppb
Arsenic	75-2	9.21	8.83	8.41	8.82	4.54	ppb
Barium	135-1	205.33	209.18	210.29	208.27	1.25	ppb
Barium	137-1	205.82	211.17	218.71	211.90	3.06	ppb
Beryllium	9-1	0.29	0.27	0.28	0.28	3.42	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	80.84	78.63	75.20	78.23	3.63	ppb
Boron	11-1	80.52	78.66	73.27	77.48	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.04	0.09	0.06	40.24	ppb
Cadmium	106-1	1.64	1.55	0.93	1.37	28.22	ppb
Cadmium	108-1	-0.07	0.12	0.13	0.06	179.58	ppb
Calcium	43-1	373868.68	389618.72	383773.12	382420.17	2.08	ppb
Calcium	44-1	374561.31	382345.22	370908.38	375938.30	1.55	ppb
Chromium	52-2	0.66	0.71	0.61	0.66	7.69	ppb
Cobalt	59-2	0.10	0.07	0.07	0.08	19.77	ppb
Copper	63-2	3.02	2.99	2.73	2.91	5.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	54-2	2702.64	2673.82	2655.03	2677.16	0.90	ppb
Iron	56-2	2681.10	2686.87	2646.47	2671.48	0.82	ppb
Iron	57-2	2695.80	2663.85	2700.33	2686.66	0.74	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.52	0.50	0.52	5.04	ppb
Lead	207-1	0.44	0.54	0.50	0.50	10.43	ppb
Lead	208-1	0.53	0.53	0.49	0.52	4.08	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	117517.56	117147.19	116902.72	117189.16	0.26	ppb
Manganese	55-2	1939.60	1952.41	1918.49	1936.83	0.88	ppb
Molybdenum	94-1	0.45	0.52	0.33	0.43	22.14	ppb
Molybdenum	95-1	0.43	0.52	0.32	0.42	23.29	ppb
Molybdenum	96-1	0.42	0.47	0.37	0.42	11.76	ppb
Molybdenum	97-1	0.61	0.36	0.41	0.46	28.37	ppb
Molybdenum	98-1	0.44	0.31	0.28	0.35	24.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.43	0.73	0.57	26.45	ppb
Phosphorus	31-2	-15.67	-21.06	-34.61	-23.78		ppb
Potassium	39-2	8976.49	8905.69	8969.09	8950.42	0.43	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	4.23	5.74	-0.07	3.30	91.24	ppb
Selenium	77-2	-3.45	-3.45	1.05	-1.95		ppb
Selenium	78-2	0.83	2.73	1.60	1.72	55.63	ppb
Silicon	28-1	3339.61	3427.79	3337.68	3368.36	1.53	ppb
Silver	109-1	0.07	0.05	0.08	0.07	20.15	ppb
Silver	107-1	0.05	0.06	0.08	0.06	16.51	ppb
Sodium	23-2	400107.94	396266.87	394471.92	396948.91	0.73	ppb
Strontium	86-1	2116.88	2080.55	2135.94	2111.12	1.33	ppb
Strontium	88-1	2088.26	2107.91	2100.67	2098.94	0.47	ppb
Sulfur	34-1	21810.64	22423.20	21105.46	21779.77	3.03	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.29	0.40	0.31	0.33	17.00	ppb
Thallium	205-1	0.29	0.38	0.34	0.34	13.02	ppb
Tin	118-1	0.00	0.01	0.06	0.02	120.71	ppb
Titanium	47-1	2.87	2.99	2.71	2.86	4.94	ppb
Uranium	238-1	2.02	2.07	2.09	2.06	1.56	ppb
Vanadium	51-2	0.24	0.20	0.13	0.19	27.75	ppb
Yttrium	89-1				91		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	12.82	13.24	13.20	13.09	1.76	ppb
Zirconium	90-1	0.08	0.11	0.30	0.17	69.89	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	11.07	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-01DUP Instrumnet Name : P8
 Client Sample ID : 49-5970(D)-121320DUP Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:34:25 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.06	68.04	59.64	65.91	8.38	ppb
Antimony	121-1	0.12	0.21	0.21	0.18	28.28	ppb
Arsenic	75-2	8.39	8.84	8.31	8.52	3.38	ppb
Barium	135-1	205.73	200.36	197.36	201.15	2.11	ppb
Barium	137-1	209.11	206.15	202.23	205.83	1.68	ppb
Beryllium	9-1	0.17	0.22	0.22	0.21	14.08	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	39.43	42.09	42.01	41.18	3.68	ppb
Boron	11-1	39.91	41.68	40.32	40.64	2.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.06	0.05	0.04	45.18	ppb
Cadmium	106-1	0.05	-3.08	-2.18	-1.74		ppb
Cadmium	108-1	0.03	0.38	0.28	0.23	79.33	ppb
Calcium	43-1	365226.94	376128.98	370860.87	370738.93	1.47	ppb
Calcium	44-1	362967.17	375664.85	365529.63	368053.88	1.82	ppb
Chromium	52-2	0.58	0.59	0.66	0.61	7.26	ppb
Cobalt	59-2	0.07	0.09	0.09	0.09	14.16	ppb
Copper	63-2	2.54	2.55	2.48	2.52	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	2684.01	2707.64	2671.68	2687.78	0.68	ppb
Iron	56-2	2800.34	2757.81	2705.86	2754.67	1.72	ppb
Iron	57-2	2741.64	2733.44	2719.14	2731.41	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.34	0.31	0.33	5.16	ppb
Lead	207-1	0.38	0.35	0.25	0.33	21.02	ppb
Lead	208-1	0.33	0.36	0.28	0.32	11.72	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-01DUP Instrumnet Name : P8
 Client Sample ID : 49-5970(D)-121320DUP Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:34:25 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	120193.27	119130.52	116728.68	118684.16	1.50	ppb
Manganese	55-2	1956.01	1975.60	1928.40	1953.34	1.21	ppb
Molybdenum	94-1	0.22	0.29	0.24	0.25	13.69	ppb
Molybdenum	95-1	0.17	0.23	0.23	0.21	18.32	ppb
Molybdenum	96-1	0.21	0.29	0.22	0.24	18.83	ppb
Molybdenum	97-1	0.17	0.18	0.19	0.18	4.64	ppb
Molybdenum	98-1	0.16	0.15	0.20	0.17	16.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.51	0.46	0.54	17.29	ppb
Phosphorus	31-2	34.61	-2.24	-47.68	-5.10		ppb
Potassium	39-2	9000.84	9131.29	8925.87	9019.33	1.15	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	5.05	2.76	-2.73	1.69	235.91	ppb
Selenium	77-2	7.72	1.03	-3.45	1.77	318.29	ppb
Selenium	78-2	1.13	0.94	2.03	1.37	42.66	ppb
Silicon	28-1	3208.15	3351.21	3281.53	3280.29	2.18	ppb
Silver	109-1	0.07	0.11	0.12	0.10	23.20	ppb
Silver	107-1	0.06	0.05	0.11	0.07	41.87	ppb
Sodium	23-2	404008.30	401558.55	392489.69	399352.18	1.52	ppb
Strontium	86-1	2041.69	2086.71	2019.95	2049.45	1.66	ppb
Strontium	88-1	2046.64	2108.92	2023.44	2059.67	2.15	ppb
Sulfur	34-1	20157.14	21827.21	20809.66	20931.33	4.02	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.06	0.06	0.05	32.55	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	13.31	ppb
Tin	118-1	-0.06	-0.03	-0.01	-0.03		ppb
Titanium	47-1	2.84	2.75	2.59	2.73	4.61	ppb
Uranium	238-1	2.07	1.99	1.91	1.99	4.21	ppb
Vanadium	51-2	0.18	0.18	0.19	0.18	4.58	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01DUP	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:34:25	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	3.49	3.62	3.03	3.38	9.08	ppb
Zirconium	90-1	0.09	0.11	0.09	0.10	9.27	ppb
Zirconium	91-1	0.03	0.08	0.06	0.05	38.97	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48284.10	48413.44	48248.97	48315.50	0.18	ppb
Antimony	121-1	489.86	492.40	477.43	486.56	1.65	ppb
Arsenic	75-2	479.78	493.10	490.35	487.74	1.44	ppb
Barium	135-1	2523.19	2539.27	2441.31	2501.26	2.10	ppb
Barium	137-1	2538.49	2497.54	2470.63	2502.22	1.37	ppb
Beryllium	9-1	487.00	488.04	475.59	483.54	1.43	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	432.62	470.67	504.33	469.21	7.65	ppb
Boron	11-1	435.22	474.32	498.09	469.21	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	481.50	482.16	470.33	477.99	1.39	ppb
Cadmium	106-1	485.06	478.47	468.01	477.18	1.80	ppb
Cadmium	108-1	476.21	487.16	466.50	476.62	2.17	ppb
Calcium	43-1	262660.43	259136.37	257760.47	259852.42	0.97	ppb
Calcium	44-1	258833.66	258586.95	257069.01	258163.21	0.37	ppb
Chromium	52-2	496.74	493.13	497.42	495.76	0.47	ppb
Cobalt	59-2	496.35	493.34	495.73	495.14	0.32	ppb
Copper	63-2	4983.08	4988.81	4979.72	4983.87	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	54-2	123603.71	125229.20	125534.66	124789.19	0.83	ppb
Iron	56-2	122636.55	123733.91	122411.39	122927.28	0.58	ppb
Iron	57-2	125686.14	127620.73	127511.93	126939.60	0.86	ppb
Krypton	83-1						cps
Lead	206-1	2581.86	2549.64	2549.14	2560.22	0.73	ppb
Lead	207-1	2596.69	2549.68	2478.37	2541.58	2.34	ppb
Lead	208-1	2590.95	2539.31	2500.40	2543.55	1.79	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	251337.52	250051.90	251285.01	250891.48	0.29	ppb
Manganese	55-2	5091.14	5101.53	5119.35	5104.01	0.28	ppb
Molybdenum	94-1	2628.88	2562.56	2478.82	2556.76	2.94	ppb
Molybdenum	95-1	2570.95	2586.68	2522.24	2559.95	1.31	ppb
Molybdenum	96-1	2568.01	2579.23	2491.44	2546.23	1.88	ppb
Molybdenum	97-1	2596.42	2593.92	2494.79	2561.71	2.26	ppb
Molybdenum	98-1	2551.50	2582.78	2488.51	2540.93	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.62	493.14	491.20	491.32	0.36	ppb
Phosphorus	31-2	9652.55	9863.41	9858.58	9791.51	1.23	ppb
Potassium	39-2	123506.87	124983.28	124223.12	124237.76	0.59	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	503.94	498.60	475.29	492.61	3.09	ppb
Selenium	77-2	470.07	431.59	497.27	466.31	7.08	ppb
Selenium	78-2	471.80	488.79	496.72	485.77	2.62	ppb
Silicon	28-1	443.30	467.85	514.35	475.17	7.59	ppb
Silver	109-1	478.68	486.29	461.54	475.51	2.67	ppb
Silver	107-1	484.21	482.16	468.83	478.40	1.75	ppb
Sodium	23-2	251883.36	251430.68	251570.72	251628.25	0.09	ppb
Strontium	86-1	506.79	506.55	488.83	500.73	2.06	ppb
Strontium	88-1	515.74	511.85	490.09	505.89	2.73	ppb
Sulfur	34-1	9955.05	8537.67	8253.40	8915.37	10.22	ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	511.99	499.34	480.83	497.38	3.15	ppb
Thallium	205-1	519.44	512.14	502.12	511.23	1.70	ppb
Tin	118-1	499.59	496.87	484.93	493.80	1.58	ppb
Titanium	47-1	2483.90	2431.20	2448.89	2454.66	1.09	ppb
Uranium	238-1	525.79	517.61	507.74	517.04	1.75	ppb
Vanadium	51-2	495.30	494.49	498.45	496.08	0.42	ppb
Yttrium	89-1				88		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	4864.44	4876.51	4844.05	4861.67	0.34	ppb
Zirconium	90-1	507.00	511.26	498.30	505.52	1.31	ppb
Zirconium	91-1	508.73	501.83	492.90	501.15	1.58	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:43:40 DataFile Name : 089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	3.50	1.65	3.11	42.25	ppb
Antimony	121-1	0.10	0.07	0.05	0.07	28.91	ppb
Arsenic	75-2	0.03	-0.02	-0.01	0.00	742.15	ppb
Barium	135-1	0.07	0.01	-0.01	0.03	155.98	ppb
Barium	137-1	0.10	0.05	0.06	0.07	33.51	ppb
Beryllium	9-1	0.22	0.29	0.27	0.26	13.92	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	22.83	24.12	19.77	22.24	10.04	ppb
Boron	11-1	21.85	21.57	20.35	21.26	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	0.00	0.01	209.90	ppb
Cadmium	106-1	0.63	-2.26	0.00	-0.54		ppb
Cadmium	108-1	0.04	-0.05	-0.25	-0.09		ppb
Calcium	43-1	-7.94	-4.19	-6.42	-6.18		ppb
Calcium	44-1	12.25	16.77	12.66	13.89	17.97	ppb
Chromium	52-2	0.25	0.29	0.19	0.24	21.71	ppb
Cobalt	59-2	0.05	0.03	0.03	0.04	29.65	ppb
Copper	63-2	0.87	0.77	0.72	0.79	9.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	54-2	8.42	9.43	8.79	8.88	5.74	ppb
Iron	56-2	4.20	4.17	3.93	4.10	3.67	ppb
Iron	57-2	4.81	4.62	-0.56	2.95	103.10	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.28	0.25	0.28	12.10	ppb
Lead	207-1	0.27	0.24	0.30	0.27	12.01	ppb
Lead	208-1	0.30	0.29	0.28	0.29	4.60	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:43:40	DataFile Name :	089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	8.75	10.17	7.44	8.79	15.54	ppb
Manganese	55-2	0.40	0.35	0.43	0.39	10.00	ppb
Molybdenum	94-1	0.09	0.06	0.05	0.07	31.91	ppb
Molybdenum	95-1	0.08	0.08	0.02	0.06	55.49	ppb
Molybdenum	96-1	0.04	0.02	0.06	0.04	44.14	ppb
Molybdenum	97-1	0.08	0.04	0.00	0.04	99.61	ppb
Molybdenum	98-1	0.03	0.05	0.04	0.04	23.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.09	0.01	-0.03		ppb
Phosphorus	31-2	23.94	-12.58	-33.73	-7.46		ppb
Potassium	39-2	101.08	95.07	65.20	87.12	22.05	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	82-1	2.00	-1.15	4.52	1.79	158.44	ppb
Selenium	77-2	-3.45	-1.06	-3.45	-2.65		ppb
Selenium	78-2	1.85	-0.22	4.04	1.89	112.59	ppb
Silicon	28-1	66.68	82.64	76.64	75.32	10.71	ppb
Silver	109-1	0.08	0.09	0.08	0.08	7.47	ppb
Silver	107-1	0.03	0.07	0.10	0.07	46.82	ppb
Sodium	23-2	230.05	223.76	219.04	224.29	2.46	ppb
Strontium	86-1	0.59	0.17	0.29	0.35	61.99	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	22.12	ppb
Sulfur	34-1	373.88	2373.03	1341.48	1362.79	73.36	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.05	0.05	0.04	64.40	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	17.77	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.06	0.19	0.04	0.10	81.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.89	ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	125.96	ppb
Yttrium	89-1				87		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:43:40	DataFile Name :	089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				87		%
Zinc	66-2	-0.64	-0.19	-0.40	-0.41		ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	46.12	ppb
Zirconium	91-1	0.03	0.07	0.03	0.04	54.83	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.19	16.04	15.45	15.89	2.43	ppb
Antimony	121-1	0.07	0.03	0.06	0.06	37.37	ppb
Arsenic	75-2	1.61	1.76	2.00	1.79	11.12	ppb
Barium	135-1	41.61	39.95	41.10	40.89	2.08	ppb
Barium	137-1	41.29	41.81	42.27	41.79	1.17	ppb
Beryllium	9-1	0.20	0.21	0.25	0.22	12.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	18.17	19.11	18.34	18.54	2.71	ppb
Boron	11-1	19.22	19.48	18.48	19.06	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.01	0.01	12.05	ppb
Cadmium	106-1	-2.10	-0.33	0.74	-0.56		ppb
Cadmium	108-1	-0.25	0.13	-0.06	-0.06		ppb
Calcium	43-1	71077.42	73910.06	73109.49	72698.99	2.01	ppb
Calcium	44-1	72416.67	74453.19	73224.42	73364.76	1.40	ppb
Chromium	52-2	0.28	0.31	0.46	0.35	27.85	ppb
Cobalt	59-2	0.03	0.04	0.02	0.03	22.84	ppb
Copper	63-2	0.98	1.02	0.88	0.96	7.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	54-2	544.81	544.87	541.82	543.83	0.32	ppb
Iron	56-2	539.47	538.58	529.24	535.77	1.06	ppb
Iron	57-2	515.32	549.75	530.43	531.83	3.24	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.37	0.33	0.33	14.17	ppb
Lead	207-1	0.29	0.33	0.28	0.30	8.91	ppb
Lead	208-1	0.29	0.31	0.29	0.30	4.65	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	23965.69	24458.61	23692.69	24038.99	1.61	ppb
Manganese	55-2	389.68	389.95	383.66	387.76	0.92	ppb
Molybdenum	94-1	0.04	0.10	0.13	0.09	50.03	ppb
Molybdenum	95-1	0.09	0.07	0.02	0.06	59.73	ppb
Molybdenum	96-1	0.05	0.04	0.06	0.05	18.31	ppb
Molybdenum	97-1	0.03	0.14	0.07	0.08	67.52	ppb
Molybdenum	98-1	0.07	0.07	0.09	0.08	17.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.16	0.10	0.12	29.09	ppb
Phosphorus	31-2	-5.62	-37.61	-26.89	-23.37		ppb
Potassium	39-2	1812.37	1849.67	1825.40	1829.15	1.03	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	-1.44	1.57	1.77	0.63	284.70	ppb
Selenium	77-2	1.17	-1.17	-1.18	-0.39		ppb
Selenium	78-2	0.80	2.95	-0.15	1.20	132.84	ppb
Silicon	28-1	687.04	707.11	696.97	697.04	1.44	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.23	ppb
Silver	107-1	0.02	0.00	0.01	0.01	69.48	ppb
Sodium	23-2	79296.41	80741.19	78504.38	79513.99	1.43	ppb
Strontium	86-1	409.19	414.67	414.80	412.89	0.78	ppb
Strontium	88-1	416.29	420.67	416.81	417.92	0.57	ppb
Sulfur	34-1	3623.51	4409.81	3668.89	3900.74	11.32	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.01	0.05	0.01	420.35	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	79.24	ppb
Tin	118-1	-0.04	-0.02	-0.04	-0.03		ppb
Titanium	47-1	0.90	0.90	0.70	0.83	14.04	ppb
Uranium	238-1	0.39	0.39	0.37	0.38	2.23	ppb
Vanadium	51-2	0.04	0.02	0.05	0.03	53.60	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	0.08	0.25	0.56	0.29	82.50	ppb
Zirconium	90-1	0.02	0.04	0.02	0.02	38.89	ppb
Zirconium	91-1	-0.02	0.04	0.06	0.03	146.66	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10318.41	10267.31	10109.35	10231.69	1.07	ppb
Antimony	121-1	432.36	441.14	432.67	435.39	1.14	ppb
Arsenic	75-2	495.36	498.44	497.11	496.97	0.31	ppb
Barium	135-1	2615.56	2767.46	2692.62	2691.88	2.82	ppb
Barium	137-1	2652.95	2779.86	2729.95	2720.92	2.35	ppb
Beryllium	9-1	459.88	455.44	461.84	459.05	0.71	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	448.28	503.62	536.54	496.15	8.99	ppb
Boron	11-1	457.64	506.12	533.10	498.95	7.66	ppb
Bromine	81-1						cps
Cadmium	111-1	443.26	451.44	447.96	447.55	0.92	ppb
Cadmium	106-1	449.34	462.28	451.31	454.31	1.53	ppb
Cadmium	108-1	440.32	466.44	456.14	454.30	2.90	ppb
Calcium	43-1	397340.67	409944.39	408763.68	405349.58	1.72	ppb
Calcium	44-1	398476.67	408374.17	408883.24	405244.70	1.45	ppb
Chromium	52-2	474.41	479.09	463.53	472.34	1.69	ppb
Cobalt	59-2	472.22	470.80	463.53	468.85	0.99	ppb
Copper	63-2	971.65	981.92	951.56	968.38	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	28717.82	28771.91	28183.92	28557.89	1.14	ppb
Iron	56-2	28739.97	28613.64	28029.34	28460.98	1.33	ppb
Iron	57-2	28315.30	28715.27	27928.45	28319.67	1.39	ppb
Krypton	83-1						cps
Lead	206-1	431.92	454.90	453.57	446.80	2.89	ppb
Lead	207-1	428.92	443.54	458.31	443.59	3.31	ppb
Lead	208-1	430.78	450.28	453.03	444.70	2.73	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	162445.40	164214.45	162650.98	163103.61	0.59	ppb
Manganese	55-2	2865.86	2891.23	2839.28	2865.46	0.91	ppb
Molybdenum	94-1	2429.49	2568.55	2499.36	2499.13	2.78	ppb
Molybdenum	95-1	2538.48	2636.65	2566.26	2580.46	1.96	ppb
Molybdenum	96-1	2502.25	2617.22	2586.54	2568.67	2.32	ppb
Molybdenum	97-1	2525.96	2629.17	2577.76	2577.63	2.00	ppb
Molybdenum	98-1	2451.32	2637.96	2560.05	2549.78	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.13	501.40	488.60	494.71	1.30	ppb
Phosphorus	31-2	-28.15	-14.67	-86.28	-43.03		ppb
Potassium	39-2	34228.14	34967.37	34671.57	34622.36	1.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	458.33	472.54	471.11	467.32	1.67	ppb
Selenium	77-2	457.58	453.94	479.36	463.63	2.97	ppb
Selenium	78-2	476.33	454.83	447.26	459.47	3.28	ppb
Silicon	28-1	3388.79	3455.23	3450.00	3431.34	1.08	ppb
Silver	109-1	382.75	405.25	389.39	392.46	2.95	ppb
Silver	107-1	376.52	423.85	401.76	400.71	5.91	ppb
Sodium	23-2	433432.02	428631.14	425655.86	429239.68	0.91	ppb
Strontium	86-1	2378.53	2519.94	2470.43	2456.30	2.92	ppb
Strontium	88-1	2422.25	2533.25	2476.57	2477.36	2.24	ppb
Sulfur	34-1	19604.81	20472.53	19933.94	20003.76	2.19	ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	463.76	483.53	485.01	477.43	2.48	ppb
Thallium	205-1	473.06	502.26	499.59	491.64	3.28	ppb
Tin	118-1	498.61	502.76	500.82	500.73	0.41	ppb
Titanium	47-1	2353.99	2434.19	2404.44	2397.54	1.69	ppb
Uranium	238-1	479.29	507.05	507.12	497.82	3.22	ppb
Vanadium	51-2	476.76	481.17	469.23	475.72	1.27	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	957.83	969.54	940.98	956.12	1.50	ppb
Zirconium	90-1	466.12	488.97	480.97	478.68	2.42	ppb
Zirconium	91-1	457.18	481.38	476.59	471.72	2.72	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-01MSD Instrumnet Name : P8
 Client Sample ID : 49-5970(D)-121320MSD Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:52:10 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11189.23	11298.09	11154.43	11213.92	0.67	ppb
Antimony	121-1	419.08	432.70	417.06	422.94	2.01	ppb
Arsenic	75-2	492.81	494.08	487.01	491.30	0.77	ppb
Barium	135-1	2813.44	2968.79	2901.96	2894.73	2.69	ppb
Barium	137-1	2872.50	3044.30	2964.48	2960.43	2.90	ppb
Beryllium	9-1	442.28	458.64	460.10	453.67	2.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	525.27	578.18	612.83	572.09	7.71	ppb
Boron	11-1	534.89	581.22	617.70	577.94	7.18	ppb
Bromine	81-1						cps
Cadmium	111-1	435.53	455.77	452.44	447.91	2.42	ppb
Cadmium	106-1	439.39	460.43	435.66	445.16	3.00	ppb
Cadmium	108-1	441.42	467.05	445.99	451.49	3.03	ppb
Calcium	43-1	390735.56	400441.53	413302.95	401493.35	2.82	ppb
Calcium	44-1	394273.71	407058.88	410551.63	403961.40	2.12	ppb
Chromium	52-2	475.53	476.40	471.01	474.31	0.61	ppb
Cobalt	59-2	473.18	473.93	474.45	473.85	0.13	ppb
Copper	63-2	1076.48	1064.48	1069.36	1070.11	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	30981.63	30907.69	30800.90	30896.74	0.29	ppb
Iron	56-2	30812.37	31050.01	30670.16	30844.18	0.62	ppb
Iron	57-2	30948.90	31192.92	31010.80	31050.87	0.41	ppb
Krypton	83-1						cps
Lead	206-1	440.74	445.35	439.88	441.99	0.67	ppb
Lead	207-1	430.76	449.05	436.54	438.78	2.13	ppb
Lead	208-1	435.09	450.24	440.19	441.84	1.75	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MSD	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:52:10	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	164288.20	164580.92	165013.54	164627.55	0.22	ppb
Manganese	55-2	2979.96	3000.69	2949.32	2976.66	0.87	ppb
Molybdenum	94-1	2637.91	2685.27	2679.45	2667.54	0.97	ppb
Molybdenum	95-1	2720.03	2850.11	2819.41	2796.52	2.43	ppb
Molybdenum	96-1	2731.44	2791.40	2748.89	2757.24	1.12	ppb
Molybdenum	97-1	2790.19	2823.54	2804.26	2806.00	0.60	ppb
Molybdenum	98-1	2723.42	2794.91	2816.15	2778.16	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.16	495.65	491.31	493.04	0.47	ppb
Phosphorus	31-2	-21.69	3.54	-78.78	-32.31		ppb
Potassium	39-2	37614.01	37089.08	37151.65	37284.91	0.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	460.08	465.45	471.62	465.72	1.24	ppb
Selenium	77-2	478.24	492.05	484.40	484.90	1.43	ppb
Selenium	78-2	463.28	474.68	474.92	470.96	1.41	ppb
Silicon	28-1	3269.89	3469.71	3475.56	3405.05	3.44	ppb
Silver	109-1	403.48	416.22	391.96	403.88	3.00	ppb
Silver	107-1	434.57	402.36	434.25	423.72	4.37	ppb
Sodium	23-2	432081.90	438628.72	431313.15	434007.93	0.93	ppb
Strontium	86-1	2433.10	2465.90	2502.72	2467.24	1.41	ppb
Strontium	88-1	2443.36	2502.04	2507.26	2484.22	1.43	ppb
Sulfur	34-1	18708.53	19052.85	19960.18	19240.52	3.36	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	465.37	479.38	471.90	472.22	1.48	ppb
Thallium	205-1	482.09	483.84	480.94	482.29	0.30	ppb
Tin	118-1	525.33	558.93	537.11	540.46	3.15	ppb
Titanium	47-1	2519.72	2630.61	2671.71	2607.35	3.02	ppb
Uranium	238-1	482.89	485.55	489.48	485.97	0.68	ppb
Vanadium	51-2	479.79	483.53	481.17	481.50	0.39	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MSD	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:52:10	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	1063.92	1055.98	1044.07	1054.66	0.95	ppb
Zirconium	90-1	473.05	479.20	486.93	479.73	1.45	ppb
Zirconium	91-1	463.98	479.81	475.61	473.13	1.73	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10382.15	10293.96	10274.72	10316.94	0.56	ppb
Antimony	121-1	421.87	511.87	443.24	458.99	10.24	ppb
Arsenic	75-2	498.96	495.52	490.40	494.96	0.87	ppb
Barium	135-1	2660.82	3345.51	2849.04	2951.79	11.98	ppb
Barium	137-1	2671.96	3362.52	2819.33	2951.27	12.32	ppb
Beryllium	9-1	443.21	535.97	483.57	487.58	9.54	ppb
Bismuth	209-1				83		%
Bismuth	209-2				91		%
Boron	10-1	513.35	665.55	622.82	600.57	13.07	ppb
Boron	11-1	506.88	649.05	613.30	589.74	12.54	ppb
Bromine	81-1						cps
Cadmium	111-1	441.46	555.41	476.71	491.19	11.88	ppb
Cadmium	106-1	443.13	553.24	462.02	486.13	12.11	ppb
Cadmium	108-1	458.81	564.50	495.18	506.17	10.61	ppb
Calcium	43-1	400465.17	487049.75	441006.46	442840.46	9.78	ppb
Calcium	44-1	393744.86	493587.37	439746.42	442359.55	11.30	ppb
Chromium	52-2	476.42	474.68	473.48	474.86	0.31	ppb
Cobalt	59-2	475.45	474.22	472.77	474.15	0.28	ppb
Copper	63-2	977.89	975.22	977.24	976.78	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				93		%
Iron	54-2	28866.73	28508.76	28619.60	28665.03	0.64	ppb
Iron	56-2	28634.28	28414.85	28411.45	28486.86	0.45	ppb
Iron	57-2	28975.94	28393.85	28521.96	28630.58	1.07	ppb
Krypton	83-1						cps
Lead	206-1	433.35	552.63	486.86	490.95	12.17	ppb
Lead	207-1	434.20	541.54	483.60	486.45	11.04	ppb
Lead	208-1	436.25	544.49	483.49	488.08	11.12	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	166039.24	162632.11	163642.98	164104.78	1.07	ppb
Manganese	55-2	2893.27	2869.22	2867.31	2876.60	0.50	ppb
Molybdenum	94-1	2528.14	3047.89	2677.00	2751.01	9.73	ppb
Molybdenum	95-1	2556.86	3116.18	2761.50	2811.51	10.07	ppb
Molybdenum	96-1	2477.70	3129.12	2790.66	2799.16	11.64	ppb
Molybdenum	97-1	2562.81	3142.08	2772.41	2825.76	10.38	ppb
Molybdenum	98-1	2454.31	3137.55	2718.38	2770.08	12.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.61	488.27	495.81	492.23	0.77	ppb
Phosphorus	31-2	3.37	21.78	-47.70	-7.52		ppb
Potassium	39-2	35779.36	35001.28	34310.76	35030.46	2.10	ppb
Rhodium	103-1				82		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				91		%
Selenium	82-1	455.66	578.10	508.07	513.94	11.95	ppb
Selenium	77-2	545.69	453.07	428.73	475.83	12.97	ppb
Selenium	78-2	459.45	482.16	471.30	470.97	2.41	ppb
Silicon	28-1	3344.60	4217.61	3714.17	3758.79	11.66	ppb
Silver	109-1	388.31	468.99	415.47	424.26	9.68	ppb
Silver	107-1	375.05	484.32	450.30	436.55	12.81	ppb
Sodium	23-2	434073.05	431390.89	429350.16	431604.70	0.55	ppb
Strontium	86-1	2464.45	3073.32	2670.83	2736.20	11.32	ppb
Strontium	88-1	2459.84	3059.72	2662.82	2727.46	11.19	ppb
Sulfur	34-1	18700.73	29992.03	23756.61	24149.79	23.42	ppb
Terbium	159-1				87		%
Terbium	159-2				95		%
Thallium	203-1	466.63	591.25	516.46	524.78	11.95	ppb
Thallium	205-1	469.10	606.43	516.54	530.69	13.14	ppb
Tin	118-1	489.10	607.65	526.86	541.20	11.19	ppb
Titanium	47-1	2350.70	2929.37	2659.21	2646.42	10.94	ppb
Uranium	238-1	483.86	605.98	534.38	541.41	11.33	ppb
Vanadium	51-2	483.04	481.25	477.91	480.73	0.54	ppb
Yttrium	89-1				85		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	973.54	967.47	966.83	969.28	0.38	ppb
Zirconium	90-1	479.98	599.19	533.37	537.52	11.11	ppb
Zirconium	91-1	475.59	584.51	515.18	525.10	10.50	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-03 Instrumnet Name : P8
 Client Sample ID : 49-MW016(SOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:57:48 DataFile Name : 094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.31	60.64	65.92	63.63	4.25	ppb
Antimony	121-1	0.59	0.50	0.59	0.56	9.21	ppb
Arsenic	75-2	0.41	0.39	0.37	0.39	5.43	ppb
Barium	135-1	138.63	137.56	136.69	137.63	0.71	ppb
Barium	137-1	135.87	140.53	140.39	138.93	1.91	ppb
Beryllium	9-1	0.70	0.62	0.61	0.65	7.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	107.30	105.93	100.50	104.58	3.44	ppb
Boron	11-1	105.55	105.39	103.98	104.97	0.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.46	0.30	0.32	0.36	24.16	ppb
Cadmium	106-1	2.11	1.22	2.69	2.00	36.99	ppb
Cadmium	108-1	0.12	0.39	0.21	0.24	59.00	ppb
Calcium	43-1	210830.19	207964.09	213100.22	210631.50	1.22	ppb
Calcium	44-1	207916.13	205683.54	209427.84	207675.84	0.91	ppb
Chromium	52-2	0.99	0.79	0.77	0.85	14.29	ppb
Cobalt	59-2	0.59	0.53	0.53	0.55	6.71	ppb
Copper	63-2	1.82	1.94	1.71	1.82	6.22	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				95		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	54-2	228.31	214.16	208.29	216.92	4.74	ppb
Iron	56-2	214.45	215.15	214.62	214.74	0.17	ppb
Iron	57-2	227.45	223.88	223.40	224.91	0.98	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.37	0.34	0.40	19.05	ppb
Lead	207-1	0.47	0.37	0.35	0.40	16.64	ppb
Lead	208-1	0.46	0.38	0.34	0.39	15.25	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-03	Instrumnet Name :	P8
Client Sample ID :	49-MW016(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:57:48	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	42736.65	41378.51	41093.69	41736.29	2.10	ppb
Manganese	55-2	420.10	419.66	420.10	419.95	0.06	ppb
Molybdenum	94-1	1.31	0.85	0.79	0.98	28.83	ppb
Molybdenum	95-1	1.20	0.93	0.72	0.95	25.26	ppb
Molybdenum	96-1	1.02	0.90	0.74	0.89	15.53	ppb
Molybdenum	97-1	0.98	0.94	0.70	0.87	17.25	ppb
Molybdenum	98-1	1.21	0.93	0.77	0.97	22.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.84	7.25	7.13	7.40	5.13	ppb
Phosphorus	31-2	-78.62	-23.25	-11.82	-37.90		ppb
Potassium	39-2	9296.32	9282.06	9166.18	9248.19	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	-3.56	-1.77	2.52	-0.94		ppb
Selenium	77-2	3.09	3.07	-1.30	1.62	156.14	ppb
Selenium	78-2	2.10	3.24	5.43	3.59	47.09	ppb
Silicon	28-1	2820.64	2841.78	2874.43	2845.62	0.95	ppb
Silver	109-1	0.47	0.43	0.44	0.45	5.38	ppb
Silver	107-1	0.43	0.47	0.46	0.46	4.27	ppb
Sodium	23-2	340557.11	337562.75	336479.90	338199.92	0.62	ppb
Strontium	86-1	1154.45	1160.18	1167.90	1160.84	0.58	ppb
Strontium	88-1	1158.30	1173.10	1184.22	1171.87	1.11	ppb
Sulfur	34-1	14764.31	14032.77	14519.75	14438.94	2.58	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.29	0.21	0.13	0.21	38.62	ppb
Thallium	205-1	0.31	0.19	0.18	0.23	32.24	ppb
Tin	118-1	0.15	0.12	0.08	0.12	31.10	ppb
Titanium	47-1	3.73	3.16	2.91	3.27	12.80	ppb
Uranium	238-1	3.75	3.78	3.77	3.77	0.30	ppb
Vanadium	51-2	0.30	0.27	0.22	0.26	14.70	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-03	Instrumnet Name :	P8
Client Sample ID :	49-MW016(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:57:48	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	8.59	8.33	7.70	8.21	5.61	ppb
Zirconium	90-1	0.22	0.16	0.16	0.18	18.27	ppb
Zirconium	91-1	0.20	0.23	0.19	0.20	12.33	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-04	Instrumnet Name :	P8
Client Sample ID :	49-MW-3(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:00:38	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.30	36.21	31.78	34.10	6.51	ppb
Antimony	121-1	0.38	0.38	0.40	0.39	2.32	ppb
Arsenic	75-2	7.69	7.63	7.98	7.76	2.43	ppb
Barium	135-1	111.16	111.49	118.90	113.85	3.85	ppb
Barium	137-1	114.71	113.48	119.72	115.97	2.85	ppb
Beryllium	9-1	0.34	0.33	0.33	0.34	1.17	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	53.65	51.99	51.07	52.24	2.50	ppb
Boron	11-1	52.39	53.10	51.28	52.26	1.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.10	0.07	0.09	26.20	ppb
Cadmium	106-1	2.49	-0.85	0.98	0.87	191.20	ppb
Cadmium	108-1	0.11	0.11	-0.25	-0.01		ppb
Calcium	43-1	70597.02	69768.06	71842.36	70735.81	1.48	ppb
Calcium	44-1	70291.81	69682.49	73451.21	71141.84	2.84	ppb
Chromium	52-2	0.69	0.62	0.61	0.64	6.74	ppb
Cobalt	59-2	7.01	7.11	6.87	7.00	1.72	ppb
Copper	63-2	0.89	0.93	1.01	0.94	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	6790.71	6953.53	6831.28	6858.51	1.24	ppb
Iron	56-2	7019.84	7026.31	6927.83	6991.33	0.79	ppb
Iron	57-2	6923.15	6898.41	6843.79	6888.45	0.59	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.24	0.24	5.64	ppb
Lead	207-1	0.20	0.23	0.16	0.20	17.71	ppb
Lead	208-1	0.23	0.23	0.21	0.22	4.00	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-04	Instrumnet Name :	P8
Client Sample ID :	49-MW-3(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:00:38	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	10595.12	10476.97	10320.45	10464.18	1.32	ppb
Manganese	55-2	1011.41	1009.57	1010.41	1010.47	0.09	ppb
Molybdenum	94-1	0.34	0.41	0.34	0.37	11.23	ppb
Molybdenum	95-1	0.46	0.42	0.45	0.44	5.01	ppb
Molybdenum	96-1	0.37	0.34	0.42	0.38	10.66	ppb
Molybdenum	97-1	0.33	0.52	0.52	0.46	24.14	ppb
Molybdenum	98-1	0.39	0.43	0.42	0.41	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.85	2.76	2.69	7.21	ppb
Phosphorus	31-2	-21.65	-28.27	-60.05	-36.66		ppb
Potassium	39-2	4396.66	4298.30	4349.39	4348.12	1.13	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	-2.10	1.82	0.88	0.20	1008.52	ppb
Selenium	77-2	-3.45	3.26	-1.23	-0.47		ppb
Selenium	78-2	3.77	1.14	3.46	2.79	51.41	ppb
Silicon	28-1	2540.18	2526.74	2578.79	2548.57	1.06	ppb
Silver	109-1	0.20	0.19	0.25	0.21	15.39	ppb
Silver	107-1	0.24	0.20	0.25	0.23	12.64	ppb
Sodium	23-2	478129.55	473132.97	468949.28	473403.93	0.97	ppb
Strontium	86-1	400.91	396.54	403.52	400.33	0.88	ppb
Strontium	88-1	404.48	403.36	413.92	407.25	1.42	ppb
Sulfur	34-1	10413.30	9714.98	10802.37	10310.22	5.34	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.02	0.02	0.03	34.65	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	30.42	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	1.02	0.95	0.98	0.98	3.31	ppb
Uranium	238-1	0.34	0.36	0.37	0.35	4.33	ppb
Vanadium	51-2	0.18	0.19	0.19	0.19	2.32	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-04	Instrumnet Name :	P8
Client Sample ID :	49-MW-3(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:00:38	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	7.23	6.69	7.05	6.99	3.91	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	3.64	ppb
Zirconium	91-1	0.02	0.05	-0.01	0.02	139.07	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.05	44.98	48.14	47.06	3.82	ppb
Antimony	121-1	0.25	0.30	0.33	0.29	15.18	ppb
Arsenic	75-2	2.35	2.12	2.44	2.30	6.98	ppb
Barium	135-1	92.68	91.09	99.19	94.32	4.55	ppb
Barium	137-1	91.99	91.27	100.44	94.57	5.39	ppb
Beryllium	9-1	0.29	0.25	0.27	0.27	7.09	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	56.09	60.49	64.20	60.26	6.74	ppb
Boron	11-1	55.38	60.59	66.22	60.73	8.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.65	0.73	0.74	0.71	6.48	ppb
Cadmium	106-1	-0.66	0.99	2.12	0.81	171.88	ppb
Cadmium	108-1	0.50	0.30	0.85	0.55	50.51	ppb
Calcium	43-1	227389.53	238313.98	257435.76	241046.42	6.31	ppb
Calcium	44-1	222051.45	234631.47	256948.16	237877.02	7.43	ppb
Chromium	52-2	1.16	0.95	0.99	1.03	10.79	ppb
Cobalt	59-2	2.18	2.04	2.08	2.10	3.35	ppb
Copper	63-2	2.83	2.60	2.72	2.72	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	54-2	8096.04	8004.17	8099.74	8066.65	0.67	ppb
Iron	56-2	8293.30	8194.06	8314.51	8267.29	0.78	ppb
Iron	57-2	8204.28	8236.97	8169.04	8203.43	0.41	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.33	0.32	0.31	6.63	ppb
Lead	207-1	0.32	0.30	0.37	0.33	11.35	ppb
Lead	208-1	0.28	0.27	0.29	0.28	4.65	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	44492.55	44876.53	44939.36	44769.48	0.54	ppb
Manganese	55-2	2039.28	1990.70	2007.82	2012.60	1.22	ppb
Molybdenum	94-1	0.19	0.20	0.30	0.23	25.82	ppb
Molybdenum	95-1	0.23	0.22	0.20	0.21	7.33	ppb
Molybdenum	96-1	0.17	0.27	0.27	0.24	23.30	ppb
Molybdenum	97-1	0.11	0.12	0.23	0.15	42.44	ppb
Molybdenum	98-1	0.16	0.16	0.20	0.17	13.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.39	10.48	10.71	10.53	1.55	ppb
Phosphorus	31-2	-3.26	8.45	-21.71	-5.51		ppb
Potassium	39-2	10926.62	10854.44	11034.77	10938.61	0.83	ppb
Rhodium	103-1				86		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-3.78	-0.93	0.07	-1.55		ppb
Selenium	77-2	0.95	-3.45	-1.23	-1.24		ppb
Selenium	78-2	1.00	2.22	0.67	1.30	63.00	ppb
Silicon	28-1	4519.28	4695.72	5112.68	4775.89	6.38	ppb
Silver	109-1	0.19	0.20	0.20	0.20	1.69	ppb
Silver	107-1	0.16	0.20	0.14	0.17	17.12	ppb
Sodium	23-2	397236.72	395488.17	404697.62	399140.84	1.23	ppb
Strontium	86-1	1232.40	1287.06	1404.49	1307.98	6.72	ppb
Strontium	88-1	1238.56	1297.20	1405.17	1313.64	6.43	ppb
Sulfur	34-1	11772.72	12743.35	16336.19	13617.42	17.65	ppb
Terbium	159-1				91		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.02	0.01	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	124.16	ppb
Tin	118-1	-0.05	-0.03	-0.06	-0.05		ppb
Titanium	47-1	1.38	1.42	1.53	1.45	5.32	ppb
Uranium	238-1	4.00	4.04	4.46	4.17	6.16	ppb
Vanadium	51-2	0.52	0.55	0.66	0.58	12.60	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	69.70	72.75	71.93	71.46	2.21	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	18.40	ppb
Zirconium	91-1	0.05	0.08	0.07	0.06	21.81	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-06 Instrumnet Name : P8
 Client Sample ID : 49-MW012(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:06:17 DataFile Name : 097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13798.13	13800.97	13674.26	13757.79	0.53	ppb
Antimony	121-1	0.41	0.47	0.51	0.47	10.59	ppb
Arsenic	75-2	19.40	19.72	19.71	19.61	0.91	ppb
Barium	135-1	460.08	464.54	475.52	466.71	1.70	ppb
Barium	137-1	461.71	473.20	480.01	471.64	1.96	ppb
Beryllium	9-1	0.55	0.55	0.50	0.53	5.08	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	52.09	53.67	54.82	53.53	2.56	ppb
Boron	11-1	50.45	54.05	55.02	53.17	4.52	ppb
Bromine	81-1						cps
Cadmium	111-1	3.96	4.16	3.86	3.99	3.81	ppb
Cadmium	106-1	4.99	3.86	1.58	3.48	50.09	ppb
Cadmium	108-1	4.23	3.84	4.00	4.02	4.89	ppb
Calcium	43-1	384201.26	395668.08	396927.37	392265.57	1.79	ppb
Calcium	44-1	384697.31	385262.16	388597.66	386185.71	0.55	ppb
Chromium	52-2	56.86	57.55	57.16	57.19	0.61	ppb
Cobalt	59-2	8.60	8.40	8.36	8.46	1.52	ppb
Copper	63-2	16.36	16.40	16.24	16.33	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	54-2	27646.03	27673.54	27511.19	27610.25	0.31	ppb
Iron	56-2	28087.43	27873.24	27865.13	27941.93	0.45	ppb
Iron	57-2	27786.91	28080.71	27653.20	27840.27	0.79	ppb
Krypton	83-1						cps
Lead	206-1	4.61	4.62	4.71	4.64	1.23	ppb
Lead	207-1	4.26	4.15	4.20	4.20	1.29	ppb
Lead	208-1	4.45	4.43	4.44	4.44	0.21	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-06 Instrumnet Name : P8
 Client Sample ID : 49-MW012(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:06:17 DataFile Name : 097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	88550.28	88647.22	89769.51	88989.00	0.76	ppb
Manganese	55-2	3021.36	3063.80	3028.26	3037.81	0.75	ppb
Molybdenum	94-1	4.33	5.34	4.40	4.69	12.02	ppb
Molybdenum	95-1	0.94	0.92	0.98	0.95	2.91	ppb
Molybdenum	96-1	1.42	1.37	1.42	1.41	2.10	ppb
Molybdenum	97-1	1.02	0.94	0.91	0.96	5.81	ppb
Molybdenum	98-1	0.87	0.91	1.02	0.93	7.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.99	51.80	50.95	50.91	1.78	ppb
Phosphorus	31-2	303.54	436.38	292.75	344.22	23.24	ppb
Potassium	39-2	18351.33	18603.05	18358.60	18437.66	0.78	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-1.98	2.59	2.23	0.95	269.05	ppb
Selenium	77-2	7.47	7.59	0.97	5.34	70.88	ppb
Selenium	78-2	1.33	4.20	1.23	2.25	74.76	ppb
Silicon	28-1	13644.42	13920.41	14064.62	13876.48	1.54	ppb
Silver	109-1	0.23	0.17	0.23	0.21	16.67	ppb
Silver	107-1	0.18	0.16	0.24	0.19	21.02	ppb
Sodium	23-2	604321.80	599352.07	601961.85	601878.57	0.41	ppb
Strontium	86-1	4136.32	4201.27	4209.43	4182.34	0.96	ppb
Strontium	88-1	4246.41	4211.71	4275.75	4244.62	0.76	ppb
Sulfur	34-1	8235.45	7466.03	8332.52	8011.33	5.93	ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	0.16	0.18	0.14	0.16	13.53	ppb
Thallium	205-1	0.15	0.15	0.18	0.16	10.61	ppb
Tin	118-1	0.52	0.53	0.49	0.51	3.38	ppb
Titanium	47-1	616.19	607.29	627.42	616.97	1.64	ppb
Uranium	238-1	1.79	1.79	1.77	1.78	0.66	ppb
Vanadium	51-2	28.38	29.99	28.06	28.81	3.58	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-06	Instrumnet Name :	P8
Client Sample ID :	49-MW012(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:06:17	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	118.82	115.72	116.02	116.86	1.46	ppb
Zirconium	90-1	2.52	2.63	2.66	2.61	2.87	ppb
Zirconium	91-1	2.41	2.58	2.49	2.49	3.44	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-07 Instrumnet Name : P8
 Client Sample ID : 49-MW006(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:09:05 DataFile Name : 098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1534.35	1507.34	1514.70	1518.79	0.92	ppb
Antimony	121-1	0.36	0.39	0.34	0.36	6.82	ppb
Arsenic	75-2	3.57	4.11	3.81	3.83	6.97	ppb
Barium	135-1	6.73	8.56	6.37	7.22	16.24	ppb
Barium	137-1	6.65	6.23	6.50	6.46	3.34	ppb
Beryllium	9-1	0.28	0.23	0.27	0.26	9.96	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	54.69	61.01	63.64	59.78	7.70	ppb
Boron	11-1	57.57	60.39	63.81	60.59	5.16	ppb
Bromine	81-1						cps
Cadmium	111-1	4.12	4.05	3.91	4.03	2.56	ppb
Cadmium	106-1	6.97	2.92	4.71	4.87	41.70	ppb
Cadmium	108-1	3.55	4.13	3.06	3.58	14.93	ppb
Calcium	43-1	2536.45	2524.99	2557.91	2539.79	0.66	ppb
Calcium	44-1	2577.73	2588.91	2615.44	2594.03	0.75	ppb
Chromium	52-2	5.85	5.56	5.53	5.65	3.09	ppb
Cobalt	59-2	1.04	0.92	0.98	0.98	6.03	ppb
Copper	63-2	11.76	11.32	11.79	11.62	2.28	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				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	3009.91	2884.76	2937.23	2943.97	2.13	ppb
Iron	56-2	3059.44	2977.98	3050.08	3029.16	1.47	ppb
Iron	57-2	3003.95	2935.44	3013.14	2984.17	1.42	ppb
Krypton	83-1						cps
Lead	206-1	3.79	3.74	3.82	3.78	1.13	ppb
Lead	207-1	3.39	3.24	3.51	3.38	4.00	ppb
Lead	208-1	3.60	3.55	3.51	3.55	1.24	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-07 Instrumnet Name : P8
 Client Sample ID : 49-MW006(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:09:05 DataFile Name : 098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1490.94	1474.11	1451.10	1472.05	1.36	ppb
Manganese	55-2	33.79	31.97	32.66	32.80	2.80	ppb
Molybdenum	94-1	1.85	1.72	2.40	1.99	17.97	ppb
Molybdenum	95-1	1.27	1.33	1.39	1.33	4.55	ppb
Molybdenum	96-1	1.29	1.40	1.57	1.42	9.63	ppb
Molybdenum	97-1	1.42	1.20	1.34	1.32	8.42	ppb
Molybdenum	98-1	1.46	1.21	1.42	1.37	9.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.00	4.02	4.19	4.07	2.50	ppb
Phosphorus	31-2	198.25	236.30	186.60	207.05	12.55	ppb
Potassium	39-2	3332.97	3272.52	3277.11	3294.20	1.02	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	2.40	1.78	0.83	1.67	47.36	ppb
Selenium	77-2	-1.28	-1.26	-3.45	-2.00		ppb
Selenium	78-2	3.22	5.28	2.55	3.68	38.59	ppb
Silicon	28-1	3495.59	3493.30	3582.78	3523.89	1.45	ppb
Silver	109-1	0.83	0.84	0.85	0.84	1.34	ppb
Silver	107-1	0.88	0.77	0.72	0.79	10.61	ppb
Sodium	23-2	355043.25	351328.41	352196.20	352855.95	0.55	ppb
Strontium	86-1	22.37	20.76	22.05	21.73	3.91	ppb
Strontium	88-1	22.30	21.85	21.77	21.97	1.29	ppb
Sulfur	34-1	2386.65	2071.43	2643.41	2367.17	12.10	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Tin	118-1	0.25	0.26	0.14	0.22	30.26	ppb
Titanium	47-1	64.59	63.44	66.40	64.81	2.30	ppb
Uranium	238-1	0.56	0.58	0.58	0.57	2.16	ppb
Vanadium	51-2	5.04	4.80	5.13	4.99	3.45	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-07	Instrumnet Name :	P8
Client Sample ID :	49-MW006(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:09:05	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	157.82	153.30	152.67	154.60	1.82	ppb
Zirconium	90-1	0.67	0.62	0.56	0.62	8.69	ppb
Zirconium	91-1	0.60	0.55	0.65	0.60	8.65	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-08 Instrumnet Name : P8
 Client Sample ID : 49-MW006(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:11:57 DataFile Name : 099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	451.69	455.83	451.21	452.91	0.56	ppb
Antimony	121-1	0.92	1.00	1.25	1.05	16.56	ppb
Arsenic	75-2	22.50	22.99	23.10	22.86	1.41	ppb
Barium	135-1	62.27	63.36	61.86	62.50	1.24	ppb
Barium	137-1	64.11	63.16	62.18	63.15	1.53	ppb
Beryllium	9-1	0.22	0.23	0.27	0.24	11.51	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	56.77	52.90	54.23	54.63	3.59	ppb
Boron	11-1	55.81	54.98	56.14	55.64	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	4.96	5.37	4.70	5.01	6.68	ppb
Cadmium	106-1	4.90	4.67	7.98	5.85	31.57	ppb
Cadmium	108-1	4.98	4.42	4.28	4.56	8.16	ppb
Calcium	43-1	178464.63	173341.78	179042.04	176949.48	1.77	ppb
Calcium	44-1	178104.08	174235.71	177111.14	176483.64	1.14	ppb
Chromium	52-2	2.38	2.46	2.31	2.38	3.31	ppb
Cobalt	59-2	0.73	0.80	0.73	0.75	5.17	ppb
Copper	63-2	5.35	5.83	6.00	5.73	5.95	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				93		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				97		%
Iron	54-2	8538.71	8588.58	8598.10	8575.13	0.37	ppb
Iron	56-2	8621.58	8684.75	8657.20	8654.51	0.37	ppb
Iron	57-2	8653.96	8665.66	8705.06	8674.89	0.31	ppb
Krypton	83-1						cps
Lead	206-1	2.58	2.55	2.30	2.48	6.34	ppb
Lead	207-1	2.35	2.41	2.17	2.31	5.40	ppb
Lead	208-1	2.45	2.38	2.27	2.37	3.75	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-08 Instrumnet Name : P8
 Client Sample ID : 49-MW006(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:11:57 DataFile Name : 099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	41821.94	42825.94	43316.25	42654.71	1.79	ppb
Manganese	55-2	1917.59	1931.02	1933.04	1927.22	0.44	ppb
Molybdenum	94-1	0.55	0.44	0.50	0.49	11.58	ppb
Molybdenum	95-1	0.35	0.50	0.30	0.38	27.37	ppb
Molybdenum	96-1	0.26	0.39	0.37	0.34	19.70	ppb
Molybdenum	97-1	0.30	0.38	0.30	0.33	13.71	ppb
Molybdenum	98-1	0.25	0.28	0.33	0.28	13.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.50	3.44	3.37	3.44	1.97	ppb
Phosphorus	31-2	42.15	58.68	88.41	63.08	37.16	ppb
Potassium	39-2	9002.45	9176.56	9192.87	9123.96	1.16	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-1.37	2.07	-2.32	-0.54		ppb
Selenium	77-2	0.99	-1.21	1.09	0.29	444.44	ppb
Selenium	78-2	1.66	2.98	2.49	2.38	27.89	ppb
Silicon	28-1	2783.53	2642.73	2734.87	2720.38	2.63	ppb
Silver	109-1	0.49	0.46	0.59	0.52	13.52	ppb
Silver	107-1	0.50	0.51	0.60	0.54	10.48	ppb
Sodium	23-2	2540152.35	2522857.25	2521293.15	2528100.92	0.41	ppb
Strontium	86-1	1138.77	1179.26	1160.21	1159.42	1.75	ppb
Strontium	88-1	1135.85	1147.92	1154.62	1146.13	0.83	ppb
Sulfur	34-1	16767.43	14586.76	16200.32	15851.50	7.14	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.04	0.04	0.03	66.93	ppb
Thallium	205-1	0.06	0.07	0.05	0.06	20.20	ppb
Tin	118-1	0.39	0.28	0.36	0.34	15.58	ppb
Titanium	47-1	24.89	24.61	25.04	24.85	0.88	ppb
Uranium	238-1	0.53	0.50	0.50	0.51	2.81	ppb
Vanadium	51-2	1.80	1.92	2.09	1.94	7.56	ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-08	Instrumnet Name :	P8
Client Sample ID :	49-MW006(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:11:57	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	245.00	251.61	253.32	249.98	1.76	ppb
Zirconium	90-1	0.17	0.19	0.22	0.19	11.35	ppb
Zirconium	91-1	0.18	0.17	0.33	0.23	37.98	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:14:45	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48510.68	48094.21	48660.47	48421.78	0.61	ppb
Antimony	121-1	443.20	461.30	465.79	456.76	2.62	ppb
Arsenic	75-2	480.46	488.13	480.97	483.19	0.89	ppb
Barium	135-1	2443.16	2515.81	2460.53	2473.16	1.53	ppb
Barium	137-1	2491.55	2586.19	2489.07	2522.27	2.20	ppb
Beryllium	9-1	440.33	443.32	460.41	448.02	2.42	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	396.64	438.67	480.47	438.60	9.56	ppb
Boron	11-1	395.03	431.39	474.62	433.68	9.19	ppb
Bromine	81-1						cps
Cadmium	111-1	456.73	480.30	469.05	468.70	2.52	ppb
Cadmium	106-1	456.08	465.53	472.71	464.77	1.80	ppb
Cadmium	108-1	477.22	454.24	478.44	469.97	2.90	ppb
Calcium	43-1	250278.57	250606.38	251806.52	250897.16	0.32	ppb
Calcium	44-1	251388.29	247962.73	249955.70	249768.91	0.69	ppb
Chromium	52-2	496.18	495.06	499.50	496.91	0.47	ppb
Cobalt	59-2	492.07	489.01	493.80	491.63	0.49	ppb
Copper	63-2	4964.89	4875.95	4959.39	4933.41	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	125299.19	122879.13	124952.61	124376.98	1.05	ppb
Iron	56-2	123137.74	121109.11	124691.27	122979.38	1.46	ppb
Iron	57-2	127732.15	127383.82	127326.30	127480.75	0.17	ppb
Krypton	83-1						cps
Lead	206-1	2478.35	2586.06	2513.22	2525.88	2.18	ppb
Lead	207-1	2451.77	2576.36	2490.56	2506.23	2.54	ppb
Lead	208-1	2464.76	2575.82	2514.56	2518.38	2.21	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:14:45	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	252254.25	249491.02	251157.82	250967.70	0.55	ppb
Manganese	55-2	5157.19	5010.99	5072.27	5080.15	1.45	ppb
Molybdenum	94-1	2506.46	2540.62	2503.00	2516.69	0.83	ppb
Molybdenum	95-1	2502.80	2560.27	2552.68	2538.58	1.23	ppb
Molybdenum	96-1	2512.56	2565.04	2548.64	2542.08	1.06	ppb
Molybdenum	97-1	2552.02	2527.25	2588.86	2556.04	1.21	ppb
Molybdenum	98-1	2491.99	2522.14	2525.71	2513.28	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.07	484.54	493.64	489.42	0.94	ppb
Phosphorus	31-2	10239.07	9653.74	10743.21	10212.01	5.34	ppb
Potassium	39-2	125710.66	126052.10	126766.54	126176.43	0.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	487.25	497.20	494.99	493.15	1.06	ppb
Selenium	77-2	467.38	488.91	454.09	470.13	3.74	ppb
Selenium	78-2	511.32	492.10	480.78	494.74	3.12	ppb
Silicon	28-1	405.36	458.19	518.89	460.81	12.33	ppb
Silver	109-1	461.48	477.29	472.00	470.26	1.71	ppb
Silver	107-1	465.15	480.95	473.68	473.26	1.67	ppb
Sodium	23-2	253564.97	251112.77	251317.11	251998.28	0.54	ppb
Strontium	86-1	492.69	508.53	501.72	500.98	1.59	ppb
Strontium	88-1	502.68	515.57	505.13	507.79	1.35	ppb
Sulfur	34-1	6949.71	6037.65	6844.91	6610.76	7.55	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	482.65	505.85	489.56	492.69	2.42	ppb
Thallium	205-1	491.48	513.83	509.79	505.03	2.36	ppb
Tin	118-1	478.27	495.38	493.16	488.94	1.90	ppb
Titanium	47-1	2407.81	2448.45	2456.09	2437.45	1.06	ppb
Uranium	238-1	515.76	532.46	526.23	524.82	1.61	ppb
Vanadium	51-2	498.65	490.72	500.63	496.67	1.06	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:14:45	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	4849.89	4816.00	4883.58	4849.82	0.70	ppb
Zirconium	90-1	497.58	500.30	507.73	501.87	1.05	ppb
Zirconium	91-1	496.81	505.49	501.35	501.22	0.87	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:27:45 DataFile Name : 101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	2.66	0.29	1.66	73.89	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	9.22	ppb
Arsenic	75-2	-0.05	0.01	0.09	0.02	366.66	ppb
Barium	135-1	0.01	0.01	-0.05	-0.01		ppb
Barium	137-1	0.02	0.09	0.01	0.04	106.12	ppb
Beryllium	9-1	0.22	0.18	0.23	0.21	14.48	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	13.08	12.13	12.85	12.69	3.90	ppb
Boron	11-1	12.33	12.36	11.74	12.14	2.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.00	0.01	86.45	ppb
Cadmium	106-1	0.13	0.70	0.71	0.51	64.26	ppb
Cadmium	108-1	-0.25	-0.16	-0.35	-0.25		ppb
Calcium	43-1	-8.77	-12.31	-11.97	-11.02		ppb
Calcium	44-1	5.90	3.35	8.17	5.81	41.59	ppb
Chromium	52-2	0.29	0.09	0.17	0.18	54.00	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	25.60	ppb
Copper	63-2	0.35	0.33	0.42	0.37	12.31	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				93		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	54-2	3.59	5.22	4.79	4.54	18.61	ppb
Iron	56-2	2.90	2.37	1.99	2.42	18.86	ppb
Iron	57-2	1.56	0.35	-1.65	0.09	1838.89	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.19	0.24	0.24	20.54	ppb
Lead	207-1	0.31	0.25	0.22	0.26	18.43	ppb
Lead	208-1	0.29	0.24	0.23	0.25	12.38	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:27:45	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	9.12	7.95	5.56	7.54	24.02	ppb
Manganese	55-2	0.36	0.38	0.11	0.28	53.63	ppb
Molybdenum	94-1	0.05	0.10	0.01	0.05	91.10	ppb
Molybdenum	95-1	0.04	0.01	0.03	0.03	49.56	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	15.28	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	38.86	ppb
Molybdenum	98-1	0.04	0.04	0.01	0.03	49.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.08	-0.04	-0.08		ppb
Phosphorus	31-2	-49.52	-50.17	-44.45	-48.05		ppb
Potassium	39-2	89.72	89.79	16.42	65.31	64.83	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	2.49	2.26	0.44	1.73	64.96	ppb
Selenium	77-2	-3.45	1.11	-3.45	-1.93		ppb
Selenium	78-2	0.75	1.50	-1.32	0.31	471.05	ppb
Silicon	28-1	55.52	42.63	61.96	53.37	18.44	ppb
Silver	109-1	0.08	0.09	0.08	0.09	7.47	ppb
Silver	107-1	0.07	0.07	0.09	0.08	10.04	ppb
Sodium	23-2	391.83	403.56	350.61	382.00	7.28	ppb
Strontium	86-1	0.37	0.15	0.26	0.26	41.49	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	33.04	ppb
Sulfur	34-1	-92.49	-611.38	155.67	-182.73		ppb
Terbium	159-1				90		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.02	-0.03	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	4754.59	ppb
Tin	118-1	-0.08	-0.08	-0.03	-0.07		ppb
Titanium	47-1	0.02	0.25	0.04	0.10	126.30	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	136.55	ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:27:45	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	-0.37	-0.15	-0.36	-0.30		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	40.30	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	3514.56	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-09 Instrumnet Name : P8
 Client Sample ID : 49-MW008(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:30:36 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.29	82.42	84.57	83.09	1.54	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	14.42	ppb
Arsenic	75-2	10.89	11.84	12.04	11.59	5.32	ppb
Barium	135-1	23.88	23.91	23.72	23.84	0.42	ppb
Barium	137-1	24.71	24.13	24.36	24.40	1.18	ppb
Beryllium	9-1	0.18	0.17	0.19	0.18	5.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	13.70	13.43	14.35	13.83	3.41	ppb
Boron	11-1	13.62	13.68	13.97	13.76	1.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.12	0.22	0.15	38.54	ppb
Cadmium	106-1	-2.32	-0.22	3.20	0.22	1272.78	ppb
Cadmium	108-1	0.02	-0.17	0.02	-0.05		ppb
Calcium	43-1	24523.45	25058.67	24729.21	24770.44	1.09	ppb
Calcium	44-1	25074.80	25387.73	24904.75	25122.43	0.98	ppb
Chromium	52-2	0.77	0.69	0.62	0.69	10.74	ppb
Cobalt	59-2	0.12	0.07	0.10	0.10	27.94	ppb
Copper	63-2	0.92	0.88	0.94	0.91	3.58	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				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	615.85	605.28	610.20	610.44	0.87	ppb
Iron	56-2	608.32	602.36	602.27	604.31	0.57	ppb
Iron	57-2	608.98	638.29	615.70	620.99	2.47	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.45	0.47	0.43	12.88	ppb
Lead	207-1	0.41	0.44	0.42	0.42	2.94	ppb
Lead	208-1	0.38	0.43	0.43	0.41	7.83	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-09 Instrumnet Name : P8
 Client Sample ID : 49-MW008(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:30:36 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	10042.15	9942.40	9987.37	9990.64	0.50	ppb
Manganese	55-2	142.80	144.93	145.47	144.40	0.98	ppb
Molybdenum	94-1	1.21	0.86	1.08	1.05	16.66	ppb
Molybdenum	95-1	1.58	1.52	1.62	1.58	3.28	ppb
Molybdenum	96-1	1.24	1.36	1.39	1.33	5.93	ppb
Molybdenum	97-1	1.52	1.39	1.55	1.49	5.79	ppb
Molybdenum	98-1	1.38	1.44	1.37	1.40	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.37	0.28	0.33	14.53	ppb
Phosphorus	31-2	99.86	69.37	-54.91	38.11	215.14	ppb
Potassium	39-2	4155.52	4152.77	4107.32	4138.54	0.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.26	1.59	-2.99	-0.38		ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	-0.01	3.15	0.68	1.27	130.77	ppb
Silicon	28-1	3401.76	3535.93	3503.00	3480.23	2.01	ppb
Silver	109-1	0.06	0.05	0.05	0.06	10.48	ppb
Silver	107-1	0.02	0.02	0.04	0.03	43.08	ppb
Sodium	23-2	8338.16	8243.24	8345.78	8309.06	0.69	ppb
Strontium	86-1	200.15	203.25	203.55	202.32	0.93	ppb
Strontium	88-1	204.54	205.22	212.04	207.27	2.00	ppb
Sulfur	34-1	4402.08	5176.88	4339.24	4639.40	10.06	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	0.00	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.02	-0.02	-0.01		ppb
Tin	118-1	-0.02	-0.08	-0.03	-0.04		ppb
Titanium	47-1	2.47	2.77	3.52	2.92	18.55	ppb
Uranium	238-1	0.21	0.18	0.18	0.19	8.79	ppb
Vanadium	51-2	0.19	0.13	0.14	0.15	23.38	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-09	Instrumnet Name :	P8
Client Sample ID :	49-MW008(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:30:36	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	9.86	10.93	10.72	10.50	5.39	ppb
Zirconium	90-1	0.06	0.03	0.02	0.04	46.71	ppb
Zirconium	91-1	0.04	0.05	0.03	0.04	20.85	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-10 Instrumnet Name : P8
 Client Sample ID : 49-MW008(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:33:26 DataFile Name : 103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.64	69.21	70.62	68.82	2.93	ppb
Antimony	121-1	0.16	0.12	0.11	0.13	22.59	ppb
Arsenic	75-2	2.41	2.35	2.25	2.34	3.43	ppb
Barium	135-1	80.46	81.95	83.79	82.07	2.03	ppb
Barium	137-1	79.76	83.18	83.88	82.27	2.68	ppb
Beryllium	9-1	0.17	0.18	0.15	0.17	9.15	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	14.43	15.15	15.14	14.91	2.78	ppb
Boron	11-1	14.01	14.44	14.53	14.33	1.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.15	0.07	0.09	63.43	ppb
Cadmium	106-1	-0.64	2.16	-1.76	-0.08		ppb
Cadmium	108-1	0.10	-0.07	0.21	0.08	176.60	ppb
Calcium	43-1	291731.80	299790.13	298123.32	296548.42	1.43	ppb
Calcium	44-1	288448.63	302044.86	294308.34	294933.94	2.31	ppb
Chromium	52-2	0.94	0.81	0.93	0.89	8.20	ppb
Cobalt	59-2	0.12	0.12	0.15	0.13	15.51	ppb
Copper	63-2	0.76	0.70	0.67	0.71	6.36	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				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	143.29	134.26	145.53	141.03	4.23	ppb
Iron	56-2	140.04	144.75	138.41	141.07	2.34	ppb
Iron	57-2	151.97	146.89	154.45	151.10	2.55	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.37	0.29	0.32	13.55	ppb
Lead	207-1	0.41	0.43	0.34	0.39	12.14	ppb
Lead	208-1	0.33	0.35	0.34	0.34	2.41	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-10 Instrumnet Name : P8
 Client Sample ID : 49-MW008(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:33:26 DataFile Name : 103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	69632.55	70176.45	69782.86	69863.95	0.40	ppb
Manganese	55-2	70.03	71.06	69.20	70.10	1.32	ppb
Molybdenum	94-1	0.46	0.65	0.49	0.53	19.13	ppb
Molybdenum	95-1	0.58	0.60	0.56	0.58	2.88	ppb
Molybdenum	96-1	0.49	0.68	0.70	0.62	18.87	ppb
Molybdenum	97-1	0.67	0.57	0.70	0.65	10.00	ppb
Molybdenum	98-1	0.70	0.68	0.50	0.63	17.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	1.67	1.90	1.87	10.33	ppb
Phosphorus	31-2	-55.81	-30.16	24.73	-20.41		ppb
Potassium	39-2	7858.07	8243.34	7936.67	8012.69	2.54	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	2.52	5.60	-1.37	2.25	155.46	ppb
Selenium	77-2	-3.45	-1.27	-1.29	-2.00		ppb
Selenium	78-2	0.70	2.70	3.00	2.13	58.73	ppb
Silicon	28-1	2305.27	2361.50	2295.07	2320.61	1.54	ppb
Silver	109-1	0.08	0.04	0.07	0.06	30.58	ppb
Silver	107-1	0.07	0.02	0.04	0.04	59.66	ppb
Sodium	23-2	150390.04	152123.03	153241.42	151918.16	0.95	ppb
Strontium	86-1	1713.51	1768.72	1760.05	1747.43	1.70	ppb
Strontium	88-1	1736.92	1778.69	1760.62	1758.74	1.19	ppb
Sulfur	34-1	12146.90	12396.11	11645.64	12062.88	3.17	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.03	0.00	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	286.16	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	3.51	3.53	3.02	3.35	8.61	ppb
Uranium	238-1	2.55	2.57	2.55	2.56	0.44	ppb
Vanadium	51-2	0.45	0.43	0.43	0.43	2.77	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-10	Instrumnet Name :	P8
Client Sample ID :	49-MW008(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:33:26	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	10.07	9.57	9.24	9.63	4.32	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	36.92	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	132.44	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	672.24	691.93	683.65	682.60	1.45	ppb
Antimony	121-1	0.44	0.56	0.61	0.54	15.86	ppb
Arsenic	75-2	3.01	3.23	2.90	3.05	5.61	ppb
Barium	135-1	76.83	78.24	78.92	78.00	1.37	ppb
Barium	137-1	79.12	78.83	80.16	79.37	0.88	ppb
Beryllium	9-1	0.22	0.20	0.22	0.21	5.21	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	10-1	33.37	34.82	38.72	35.64	7.76	ppb
Boron	11-1	33.01	33.81	36.60	34.47	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	1.90	1.98	1.90	1.93	2.60	ppb
Cadmium	106-1	1.30	1.53	0.14	0.99	75.63	ppb
Cadmium	108-1	1.67	1.46	2.05	1.73	17.41	ppb
Calcium	43-1	184690.13	193916.77	197376.09	191994.33	3.42	ppb
Calcium	44-1	185925.63	192709.10	199155.74	192596.82	3.44	ppb
Chromium	52-2	8.92	8.95	9.28	9.05	2.22	ppb
Cobalt	59-2	0.89	0.90	0.98	0.92	5.38	ppb
Copper	63-2	7.03	7.36	7.29	7.23	2.39	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				94		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	54-2	2444.84	2445.29	2418.82	2436.32	0.62	ppb
Iron	56-2	2462.26	2454.68	2448.62	2455.19	0.28	ppb
Iron	57-2	2406.42	2461.28	2407.95	2425.22	1.29	ppb
Krypton	83-1						cps
Lead	206-1	3.27	3.09	3.48	3.28	5.98	ppb
Lead	207-1	2.79	2.86	2.90	2.85	1.89	ppb
Lead	208-1	3.08	3.06	3.22	3.12	2.79	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	45093.39	45103.57	44332.82	44843.26	0.99	ppb
Manganese	55-2	795.86	803.98	794.67	798.17	0.63	ppb
Molybdenum	94-1	1.05	0.88	0.84	0.92	11.77	ppb
Molybdenum	95-1	0.42	0.45	0.39	0.42	7.24	ppb
Molybdenum	96-1	0.43	0.40	0.42	0.42	3.85	ppb
Molybdenum	97-1	0.51	0.32	0.34	0.39	26.55	ppb
Molybdenum	98-1	0.45	0.35	0.35	0.38	14.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.80	4.34	4.11	4.08	6.59	ppb
Phosphorus	31-2	53.17	6.57	44.19	34.64	71.37	ppb
Potassium	39-2	6021.07	6088.57	6140.52	6083.38	0.98	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	2.81	0.62	2.39	1.94	59.98	ppb
Selenium	77-2	-3.45	-3.45	-1.17	-2.69		ppb
Selenium	78-2	3.12	2.74	3.97	3.28	19.31	ppb
Silicon	28-1	4611.75	4931.83	5009.26	4850.95	4.34	ppb
Silver	109-1	0.40	0.34	0.37	0.37	8.43	ppb
Silver	107-1	0.34	0.33	0.42	0.36	13.61	ppb
Sodium	23-2	1257640.80	1268589.36	1278308.14	1268179.43	0.82	ppb
Strontium	86-1	1200.50	1254.68	1266.80	1240.66	2.85	ppb
Strontium	88-1	1223.92	1256.21	1285.03	1255.06	2.44	ppb
Sulfur	34-1	19256.10	20652.04	20942.38	20283.51	4.44	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.06	0.00	0.04	98.22	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	13.85	ppb
Tin	118-1	0.37	0.54	0.51	0.47	19.38	ppb
Titanium	47-1	34.22	37.61	37.31	36.38	5.17	ppb
Uranium	238-1	0.89	0.81	0.93	0.88	6.96	ppb
Vanadium	51-2	2.55	2.52	2.66	2.58	2.71	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	91.03	92.40	91.64	91.69	0.75	ppb
Zirconium	90-1	0.50	0.49	0.52	0.50	2.66	ppb
Zirconium	91-1	0.56	0.48	0.58	0.54	9.29	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	256.17	260.81	258.89	258.63	0.90	ppb
Antimony	121-1	0.21	0.14	0.22	0.19	21.92	ppb
Arsenic	75-2	8.44	8.20	8.53	8.39	2.05	ppb
Barium	135-1	28.66	25.82	27.28	27.25	5.21	ppb
Barium	137-1	26.90	25.96	26.53	26.46	1.79	ppb
Beryllium	9-1	0.15	0.18	0.20	0.18	13.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	39.49	42.09	42.33	41.30	3.81	ppb
Boron	11-1	39.37	42.07	44.05	41.83	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.14	0.15	0.14	5.78	ppb
Cadmium	106-1	-2.16	-0.32	2.65	0.06	4246.72	ppb
Cadmium	108-1	0.03	0.19	0.11	0.11	73.51	ppb
Calcium	43-1	116387.72	115320.94	117103.92	116270.86	0.77	ppb
Calcium	44-1	119282.63	116134.46	116995.35	117470.81	1.39	ppb
Chromium	52-2	3.35	3.17	3.17	3.23	3.23	ppb
Cobalt	59-2	0.27	0.22	0.24	0.24	10.69	ppb
Copper	63-2	3.62	3.61	3.64	3.62	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	1633.35	1706.80	1638.25	1659.47	2.47	ppb
Iron	56-2	1616.04	1637.53	1636.64	1630.07	0.75	ppb
Iron	57-2	1630.15	1716.32	1683.37	1676.61	2.59	ppb
Krypton	83-1						cps
Lead	206-1	1.18	1.03	1.15	1.12	7.15	ppb
Lead	207-1	1.10	0.99	1.09	1.06	5.59	ppb
Lead	208-1	1.08	1.04	1.07	1.06	2.10	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	45175.79	46556.02	45186.18	45639.33	1.74	ppb
Manganese	55-2	617.95	633.63	616.05	622.54	1.55	ppb
Molybdenum	94-1	0.67	0.57	0.63	0.62	7.75	ppb
Molybdenum	95-1	0.49	0.57	0.49	0.52	8.57	ppb
Molybdenum	96-1	0.47	0.51	0.48	0.49	4.86	ppb
Molybdenum	97-1	0.48	0.39	0.46	0.44	10.01	ppb
Molybdenum	98-1	0.50	0.47	0.46	0.48	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.87	0.91	0.92	5.94	ppb
Phosphorus	31-2	110.60	117.84	43.50	90.65	45.22	ppb
Potassium	39-2	8099.15	8177.68	8142.31	8139.72	0.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	4.08	2.20	1.67	2.65	47.79	ppb
Selenium	77-2	-3.45	0.79	2.95	0.10	3340.59	ppb
Selenium	78-2	3.05	1.84	1.51	2.13	38.06	ppb
Silicon	28-1	3209.14	3141.59	3181.60	3177.44	1.07	ppb
Silver	109-1	0.25	0.28	0.30	0.28	9.24	ppb
Silver	107-1	0.33	0.24	0.34	0.30	17.86	ppb
Sodium	23-2	292005.42	299260.64	294990.23	295418.76	1.23	ppb
Strontium	86-1	755.00	749.48	741.17	748.55	0.93	ppb
Strontium	88-1	756.89	748.12	755.64	753.55	0.63	ppb
Sulfur	34-1	8434.33	7092.09	7894.63	7807.02	8.65	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.17	0.40	0.11	0.23	66.33	ppb
Titanium	47-1	13.31	13.35	13.24	13.30	0.41	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	4.72	ppb
Vanadium	51-2	1.07	1.21	1.10	1.13	6.35	ppb
Yttrium	89-1				94		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	25.71	24.80	27.74	26.09	5.76	ppb
Zirconium	90-1	0.14	0.20	0.17	0.17	15.05	ppb
Zirconium	91-1	0.15	0.24	0.15	0.18	26.73	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	883.77	862.68	842.35	862.93	2.40	ppb
Antimony	121-1	0.15	0.19	0.19	0.18	14.56	ppb
Arsenic	75-2	41.98	41.03	41.09	41.37	1.30	ppb
Barium	135-1	161.09	165.30	172.09	166.16	3.34	ppb
Barium	137-1	162.32	169.09	170.15	167.18	2.54	ppb
Beryllium	9-1	0.18	0.17	0.21	0.19	10.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	71.91	78.89	82.58	77.79	6.97	ppb
Boron	11-1	72.81	78.74	84.60	78.72	7.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.79	0.92	0.79	0.84	8.73	ppb
Cadmium	106-1	2.35	0.45	2.93	1.91	67.79	ppb
Cadmium	108-1	1.30	0.56	0.69	0.85	46.55	ppb
Calcium	43-1	257700.71	262972.86	267430.51	262701.36	1.85	ppb
Calcium	44-1	255526.14	265469.78	263719.29	261571.73	2.03	ppb
Chromium	52-2	2.86	3.06	3.08	3.00	4.13	ppb
Cobalt	59-2	0.76	0.82	0.75	0.78	5.07	ppb
Copper	63-2	5.06	4.90	4.74	4.90	3.28	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				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	9547.05	9390.89	9262.09	9400.01	1.52	ppb
Iron	56-2	9702.25	9740.54	9354.62	9599.14	2.21	ppb
Iron	57-2	9532.94	9736.31	9353.35	9540.87	2.01	ppb
Krypton	83-1						cps
Lead	206-1	1.34	1.34	1.33	1.34	0.43	ppb
Lead	207-1	1.11	1.19	1.27	1.19	6.93	ppb
Lead	208-1	1.21	1.17	1.25	1.21	3.40	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	76497.35	74964.43	74693.72	75385.17	1.29	ppb
Manganese	55-2	2866.09	2845.84	2801.33	2837.75	1.17	ppb
Molybdenum	94-1	0.90	0.92	0.88	0.90	1.95	ppb
Molybdenum	95-1	0.40	0.46	0.43	0.43	6.24	ppb
Molybdenum	96-1	0.38	0.50	0.52	0.47	16.20	ppb
Molybdenum	97-1	0.21	0.41	0.45	0.36	37.06	ppb
Molybdenum	98-1	0.35	0.34	0.34	0.34	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.71	3.92	3.59	3.74	4.50	ppb
Phosphorus	31-2	-8.24	56.94	-14.95	11.25	353.01	ppb
Potassium	39-2	13104.26	13013.68	12730.19	12949.38	1.51	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	4.17	2.63	-3.41	1.13	354.46	ppb
Selenium	77-2	-1.26	-3.45	-1.33	-2.01		ppb
Selenium	78-2	2.54	3.30	0.91	2.25	54.33	ppb
Silicon	28-1	5490.15	5534.92	5584.59	5536.55	0.85	ppb
Silver	109-1	0.24	0.21	0.26	0.24	9.56	ppb
Silver	107-1	0.21	0.26	0.27	0.25	12.27	ppb
Sodium	23-2	767288.32	749429.10	736825.00	751180.81	2.04	ppb
Strontium	86-1	1832.17	1860.96	1889.58	1860.90	1.54	ppb
Strontium	88-1	1808.20	1875.87	1868.52	1850.86	2.01	ppb
Sulfur	34-1	16755.24	16924.96	17435.44	17038.55	2.08	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.02	0.01	0.00	0.01	115.68	ppb
Tin	118-1	0.34	0.28	0.29	0.30	10.63	ppb
Titanium	47-1	39.64	44.52	41.61	41.92	5.86	ppb
Uranium	238-1	8.23	8.19	8.21	8.21	0.27	ppb
Vanadium	51-2	1.95	1.83	1.92	1.90	3.45	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	71.10	68.02	67.82	68.98	2.66	ppb
Zirconium	90-1	0.39	0.41	0.50	0.43	14.15	ppb
Zirconium	91-1	0.37	0.40	0.42	0.40	6.97	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-14	Instrumnet Name :	P8
Client Sample ID :	49-MW002(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:44:44	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	342.46	340.09	351.53	344.69	1.75	ppb
Antimony	121-1	0.46	0.52	0.48	0.49	6.25	ppb
Arsenic	75-2	1.34	1.34	1.13	1.27	9.70	ppb
Barium	135-1	5.44	5.50	5.57	5.51	1.16	ppb
Barium	137-1	5.86	6.16	5.45	5.82	6.10	ppb
Beryllium	9-1	0.15	0.17	0.16	0.16	3.18	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	20.80	19.67	18.90	19.79	4.82	ppb
Boron	11-1	19.74	20.47	19.83	20.01	1.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.46	0.57	0.57	17.24	ppb
Cadmium	106-1	2.04	-0.49	0.62	0.72	175.99	ppb
Cadmium	108-1	0.72	0.36	0.01	0.36	98.94	ppb
Calcium	43-1	5272.51	5375.38	5491.22	5379.70	2.03	ppb
Calcium	44-1	5395.58	5439.28	5519.22	5451.36	1.15	ppb
Chromium	52-2	2.85	3.19	3.10	3.05	5.78	ppb
Cobalt	59-2	0.44	0.38	0.43	0.42	8.57	ppb
Copper	63-2	6.57	6.74	6.67	6.66	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	1200.30	1215.38	1220.66	1212.11	0.87	ppb
Iron	56-2	1207.08	1213.17	1204.02	1208.09	0.39	ppb
Iron	57-2	1240.14	1224.06	1216.58	1226.93	0.98	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.83	1.52	1.74	10.81	ppb
Lead	207-1	1.74	1.61	1.64	1.66	4.24	ppb
Lead	208-1	1.69	1.70	1.60	1.66	3.17	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-14	Instrumnet Name :	P8
Client Sample ID :	49-MW002(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:44:44	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1469.27	1470.30	1493.18	1477.58	0.91	ppb
Manganese	55-2	56.50	56.30	55.89	56.23	0.55	ppb
Molybdenum	94-1	0.72	0.56	0.41	0.57	27.10	ppb
Molybdenum	95-1	0.53	0.57	0.55	0.55	4.36	ppb
Molybdenum	96-1	0.62	0.55	0.52	0.56	8.85	ppb
Molybdenum	97-1	0.55	0.42	0.40	0.46	17.25	ppb
Molybdenum	98-1	0.49	0.53	0.54	0.52	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.56	2.11	2.25	11.87	ppb
Phosphorus	31-2	20.40	22.62	44.87	29.30	46.18	ppb
Potassium	39-2	1905.70	1891.88	1923.93	1907.17	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-2.44	2.49	-1.22	-0.39		ppb
Selenium	77-2	-1.39	-3.45	-3.45	-2.76		ppb
Selenium	78-2	0.10	2.26	3.43	1.93	87.33	ppb
Silicon	28-1	621.26	639.04	659.92	640.07	3.02	ppb
Silver	109-1	0.27	0.29	0.32	0.29	9.13	ppb
Silver	107-1	0.25	0.24	0.30	0.26	11.84	ppb
Sodium	23-2	318442.30	317971.27	314010.77	316808.11	0.77	ppb
Strontium	86-1	52.86	51.72	52.93	52.51	1.30	ppb
Strontium	88-1	52.71	52.91	53.99	53.20	1.29	ppb
Sulfur	34-1	931.71	519.11	1410.35	953.72	46.77	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	0.00	-0.02		ppb
Thallium	205-1	-0.02	0.01	0.00	0.00		ppb
Tin	118-1	0.31	0.22	0.28	0.27	17.39	ppb
Titanium	47-1	15.80	14.57	14.40	14.92	5.13	ppb
Uranium	238-1	0.12	0.14	0.12	0.12	8.85	ppb
Vanadium	51-2	1.92	1.94	2.07	1.98	4.30	ppb
Yttrium	89-1				97		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-14	Instrumnet Name :	P8
Client Sample ID :	49-MW002(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:44:44	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	34.99	34.37	37.20	35.52	4.20	ppb
Zirconium	90-1	0.38	0.14	0.19	0.23	53.90	ppb
Zirconium	91-1	0.16	0.23	0.25	0.21	23.09	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-15 Instrumnet Name : P8
 Client Sample ID : 49-PZ005(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:47:34 DataFile Name : 108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1325.88	1340.10	1301.60	1322.53	1.47	ppb
Antimony	121-1	0.61	0.67	0.77	0.68	11.87	ppb
Arsenic	75-2	4.00	3.86	3.73	3.86	3.60	ppb
Barium	135-1	24.58	26.32	25.64	25.51	3.44	ppb
Barium	137-1	25.12	25.89	25.56	25.52	1.51	ppb
Beryllium	9-1	0.22	0.22	0.23	0.22	2.31	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	23.03	22.13	21.50	22.22	3.47	ppb
Boron	11-1	21.66	22.52	22.70	22.29	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.30	1.20	1.22	6.28	ppb
Cadmium	106-1	3.85	0.58	-2.14	0.76	392.62	ppb
Cadmium	108-1	1.83	1.45	1.39	1.56	15.54	ppb
Calcium	43-1	102215.06	101631.05	103409.50	102418.54	0.89	ppb
Calcium	44-1	102945.25	104303.33	103434.09	103560.89	0.66	ppb
Chromium	52-2	13.46	14.02	13.67	13.72	2.08	ppb
Cobalt	59-2	1.27	1.44	1.26	1.32	7.64	ppb
Copper	63-2	7.46	7.18	7.44	7.36	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	7888.94	7855.76	7804.55	7849.75	0.54	ppb
Iron	56-2	8008.05	7926.93	7878.58	7937.85	0.82	ppb
Iron	57-2	7828.59	7994.46	7917.11	7913.39	1.05	ppb
Krypton	83-1						cps
Lead	206-1	3.64	3.62	3.73	3.66	1.48	ppb
Lead	207-1	3.21	3.44	3.55	3.40	5.09	ppb
Lead	208-1	3.43	3.49	3.58	3.50	2.20	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-15 Instrumnet Name : P8
 Client Sample ID : 49-PZ005(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:47:34 DataFile Name : 108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	7106.20	7186.35	7163.96	7152.17	0.58	ppb
Manganese	55-2	201.98	205.43	204.77	204.06	0.90	ppb
Molybdenum	94-1	1.87	1.90	1.77	1.85	3.65	ppb
Molybdenum	95-1	1.70	1.58	1.73	1.67	4.86	ppb
Molybdenum	96-1	1.44	1.79	1.64	1.62	10.75	ppb
Molybdenum	97-1	1.58	1.69	1.74	1.67	4.91	ppb
Molybdenum	98-1	1.78	1.52	1.60	1.63	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.70	6.95	6.43	6.69	3.90	ppb
Phosphorus	31-2	136.10	94.82	150.75	127.23	22.80	ppb
Potassium	39-2	9123.98	9281.15	9302.94	9236.02	1.06	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	2.13	-1.39	1.52	0.75	250.89	ppb
Selenium	77-2	5.11	-1.33	0.84	1.54	212.68	ppb
Selenium	78-2	0.78	2.60	4.05	2.48	66.17	ppb
Silicon	28-1	2665.80	2680.99	2689.39	2678.73	0.45	ppb
Silver	109-1	0.31	0.33	0.40	0.34	13.15	ppb
Silver	107-1	0.24	0.29	0.37	0.30	21.60	ppb
Sodium	23-2	1520168.16	1541970.53	1534682.45	1532273.72	0.72	ppb
Strontium	86-1	462.60	459.85	467.48	463.31	0.83	ppb
Strontium	88-1	459.71	470.71	468.94	466.45	1.27	ppb
Sulfur	34-1	8756.27	8121.24	8575.53	8484.35	3.86	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.02	-0.01	-0.02	0.00		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	0.42	0.48	0.40	0.44	9.81	ppb
Titanium	47-1	63.19	62.81	67.53	64.51	4.06	ppb
Uranium	238-1	1.83	1.77	1.82	1.81	1.74	ppb
Vanadium	51-2	6.13	6.71	6.89	6.58	5.97	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-15	Instrumnet Name :	P8
Client Sample ID :	49-PZ005(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:47:34	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	99.28	100.17	97.74	99.07	1.24	ppb
Zirconium	90-1	0.50	0.43	0.48	0.47	7.31	ppb
Zirconium	91-1	0.45	0.45	0.51	0.47	7.63	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.34	52.11	58.17	54.87	5.59	ppb
Antimony	121-1	0.16	0.17	0.18	0.17	5.92	ppb
Arsenic	75-2	32.74	32.22	30.81	31.92	3.13	ppb
Barium	135-1	54.85	54.90	52.12	53.95	2.95	ppb
Barium	137-1	55.25	55.56	53.95	54.92	1.56	ppb
Beryllium	9-1	0.15	0.11	0.14	0.13	17.99	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	43.68	51.72	51.79	49.06	9.50	ppb
Boron	11-1	45.57	49.72	53.61	49.63	8.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.14	0.14	0.13	13.78	ppb
Cadmium	106-1	-1.87	-0.48	2.16	-0.06		ppb
Cadmium	108-1	0.02	-0.17	-0.08	-0.07		ppb
Calcium	43-1	132209.64	131624.90	134889.94	132908.16	1.31	ppb
Calcium	44-1	133304.18	136274.65	139160.08	136246.30	2.15	ppb
Chromium	52-2	0.65	0.59	0.51	0.58	11.82	ppb
Cobalt	59-2	0.23	0.23	0.19	0.22	9.70	ppb
Copper	63-2	0.99	1.08	1.04	1.04	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	1307.46	1293.32	1284.72	1295.17	0.89	ppb
Iron	56-2	1300.76	1307.41	1265.31	1291.16	1.75	ppb
Iron	57-2	1366.88	1325.37	1276.06	1322.77	3.44	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.16	0.17	3.99	ppb
Lead	207-1	0.19	0.28	0.19	0.22	22.80	ppb
Lead	208-1	0.21	0.22	0.21	0.21	3.94	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	69883.68	69072.97	69422.94	69459.86	0.59	ppb
Manganese	55-2	274.59	274.11	267.89	272.19	1.37	ppb
Molybdenum	94-1	1.24	1.23	1.24	1.24	0.44	ppb
Molybdenum	95-1	1.46	1.44	1.33	1.41	5.16	ppb
Molybdenum	96-1	1.21	1.41	1.35	1.32	7.81	ppb
Molybdenum	97-1	1.20	1.41	1.40	1.34	8.96	ppb
Molybdenum	98-1	1.35	1.29	1.33	1.32	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.85	0.59	0.70	18.88	ppb
Phosphorus	31-2	19.25	-23.00	-67.65	-23.80		ppb
Potassium	39-2	14669.71	14751.20	14424.72	14615.21	1.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.91	-1.29	3.75	0.52	544.82	ppb
Selenium	77-2	-1.36	-3.45	-1.41	-2.07		ppb
Selenium	78-2	1.72	1.19	-0.31	0.86	122.11	ppb
Silicon	28-1	4236.39	4233.51	4305.60	4258.50	0.96	ppb
Silver	109-1	0.19	0.19	0.23	0.20	11.53	ppb
Silver	107-1	0.20	0.21	0.20	0.20	3.32	ppb
Sodium	23-2	489370.62	481286.26	481101.97	483919.62	0.98	ppb
Strontium	86-1	1128.49	1156.59	1127.56	1137.55	1.45	ppb
Strontium	88-1	1121.03	1173.22	1133.45	1142.57	2.39	ppb
Sulfur	34-1	377.18	22.22	553.43	317.61	85.19	ppb
Terbium	159-1				95		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	-0.04	-0.08	-0.06	-0.06		ppb
Titanium	47-1	2.79	3.10	2.88	2.92	5.49	ppb
Uranium	238-1	0.57	0.53	0.49	0.53	7.75	ppb
Vanadium	51-2	0.25	0.25	0.31	0.27	13.28	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	5.26	5.44	5.08	5.26	3.39	ppb
Zirconium	90-1	0.12	0.14	0.13	0.13	8.85	ppb
Zirconium	91-1	0.14	0.14	0.14	0.14	0.85	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.50	55.25	53.34	54.36	1.78	ppb
Antimony	121-1	0.12	0.11	0.12	0.12	3.30	ppb
Arsenic	75-2	141.62	141.43	139.60	140.88	0.79	ppb
Barium	135-1	546.63	550.16	552.68	549.82	0.55	ppb
Barium	137-1	559.18	558.09	552.88	556.72	0.61	ppb
Beryllium	9-1	0.14	0.15	0.12	0.14	8.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	22.57	23.79	25.63	23.99	6.42	ppb
Boron	11-1	24.41	24.80	25.76	24.99	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.11	0.11	0.11	6.22	ppb
Cadmium	106-1	3.18	2.29	0.67	2.05	62.20	ppb
Cadmium	108-1	0.28	0.28	0.19	0.25	20.31	ppb
Calcium	43-1	79788.68	80827.58	79602.84	80073.03	0.82	ppb
Calcium	44-1	79017.89	81460.82	80198.40	80225.71	1.52	ppb
Chromium	52-2	0.65	0.67	0.57	0.63	8.58	ppb
Cobalt	59-2	11.41	11.76	11.73	11.63	1.67	ppb
Copper	63-2	0.94	1.16	1.24	1.11	13.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	46602.91	46054.92	46328.82	46328.88	0.59	ppb
Iron	56-2	45861.02	45803.57	45433.45	45699.34	0.51	ppb
Iron	57-2	45863.87	45505.30	45974.05	45781.07	0.54	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.23	0.19	0.21	11.81	ppb
Lead	207-1	0.16	0.31	0.19	0.22	37.24	ppb
Lead	208-1	0.23	0.24	0.19	0.22	10.26	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	16156.31	15974.27	15987.13	16039.23	0.63	ppb
Manganese	55-2	11729.86	11903.92	11910.40	11848.06	0.86	ppb
Molybdenum	94-1	2.93	3.21	3.30	3.15	6.19	ppb
Molybdenum	95-1	4.40	4.58	4.39	4.46	2.35	ppb
Molybdenum	96-1	4.18	4.45	4.34	4.32	3.05	ppb
Molybdenum	97-1	4.28	4.53	4.55	4.46	3.40	ppb
Molybdenum	98-1	4.26	4.79	4.55	4.53	5.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.76	0.63	0.73	11.53	ppb
Phosphorus	31-2	24.37	-65.00	-51.80	-30.81		ppb
Potassium	39-2	5918.11	6022.54	6066.28	6002.31	1.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	3.68	0.47	-1.69	0.82	328.67	ppb
Selenium	77-2	-1.37	-3.45	0.74	-1.36		ppb
Selenium	78-2	0.38	4.40	1.73	2.17	94.07	ppb
Silicon	28-1	2831.50	2845.27	2814.80	2830.52	0.54	ppb
Silver	109-1	0.17	0.19	0.19	0.18	6.51	ppb
Silver	107-1	0.14	0.18	0.17	0.16	11.30	ppb
Sodium	23-2	660059.58	652692.23	650924.10	654558.64	0.74	ppb
Strontium	86-1	549.65	560.74	562.60	557.66	1.26	ppb
Strontium	88-1	553.47	574.55	559.73	562.59	1.92	ppb
Sulfur	34-1	-1467.99	-1443.05	-1787.63	-1566.22		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.03		ppb
Titanium	47-1	2.69	2.37	2.20	2.42	10.24	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	19.29	ppb
Vanadium	51-2	0.99	1.13	1.13	1.09	7.31	ppb
Yttrium	89-1				98		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	5.07	5.74	6.30	5.70	10.73	ppb
Zirconium	90-1	0.12	0.13	0.15	0.13	10.82	ppb
Zirconium	91-1	0.19	0.18	0.12	0.16	20.60	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-18 Instrumnet Name : P8
 Client Sample ID : 49-MW026(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:56:03 DataFile Name : 111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.94	71.19	64.85	67.99	4.67	ppb
Antimony	121-1	0.18	0.14	0.16	0.16	13.06	ppb
Arsenic	75-2	27.65	28.92	27.68	28.08	2.59	ppb
Barium	135-1	142.34	136.89	142.57	140.60	2.29	ppb
Barium	137-1	136.51	137.30	141.46	138.42	1.92	ppb
Beryllium	9-1	0.14	0.13	0.17	0.15	15.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	42.18	43.75	49.34	45.09	8.35	ppb
Boron	11-1	42.70	45.73	49.44	45.95	7.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.12	0.09	0.11	15.76	ppb
Cadmium	106-1	3.22	3.25	1.14	2.54	47.76	ppb
Cadmium	108-1	-0.07	0.27	0.39	0.20	122.47	ppb
Calcium	43-1	152367.93	149828.75	157886.85	153361.18	2.69	ppb
Calcium	44-1	152922.07	148403.14	157411.26	152912.16	2.95	ppb
Chromium	52-2	0.42	0.49	0.39	0.43	12.06	ppb
Cobalt	59-2	0.22	0.21	0.20	0.21	4.63	ppb
Copper	63-2	1.07	1.10	0.97	1.04	6.45	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				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	3964.58	4041.47	3851.95	3952.66	2.41	ppb
Iron	56-2	4034.15	4196.44	3933.30	4054.63	3.27	ppb
Iron	57-2	4061.55	4132.28	3877.58	4023.80	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.33	0.28	0.31	8.75	ppb
Lead	207-1	0.38	0.32	0.27	0.32	16.46	ppb
Lead	208-1	0.34	0.28	0.32	0.31	8.74	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-18 Instrumnet Name : P8
 Client Sample ID : 49-MW026(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:56:03 DataFile Name : 111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	36586.11	38344.85	36241.51	37057.49	3.04	ppb
Manganese	55-2	418.71	435.11	403.69	419.17	3.75	ppb
Molybdenum	94-1	4.12	3.93	4.21	4.09	3.58	ppb
Molybdenum	95-1	6.06	5.92	5.83	5.94	2.02	ppb
Molybdenum	96-1	5.85	5.48	5.92	5.75	4.16	ppb
Molybdenum	97-1	6.09	5.28	5.80	5.72	7.13	ppb
Molybdenum	98-1	5.80	5.70	5.82	5.77	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.67	10.71	9.92	10.43	4.26	ppb
Phosphorus	31-2	-15.25	46.16	6.38	12.43	250.56	ppb
Potassium	39-2	12266.59	12677.32	11984.98	12309.63	2.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.99	0.34	-2.63	-0.43		ppb
Selenium	77-2	-3.45	3.08	-1.36	-0.58		ppb
Selenium	78-2	1.26	2.47	1.33	1.69	40.27	ppb
Silicon	28-1	3546.25	3444.03	3613.73	3534.67	2.42	ppb
Silver	109-1	0.14	0.18	0.13	0.15	16.07	ppb
Silver	107-1	0.18	0.11	0.16	0.15	24.22	ppb
Sodium	23-2	456508.13	481427.33	451318.94	463084.80	3.48	ppb
Strontium	86-1	832.51	792.10	829.47	818.03	2.75	ppb
Strontium	88-1	827.35	797.19	822.82	815.79	1.99	ppb
Sulfur	34-1	1127.66	-390.58	1409.39	715.49	135.32	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	-0.05	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.03		ppb
Tin	118-1	-0.04	-0.01	-0.05	-0.03		ppb
Titanium	47-1	2.83	2.45	3.16	2.81	12.55	ppb
Uranium	238-1	1.84	2.00	2.12	1.99	6.94	ppb
Vanadium	51-2	0.28	0.30	0.26	0.28	6.31	ppb
Yttrium	89-1				96		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-18	Instrumnet Name :	P8
Client Sample ID :	49-MW026(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:56:03	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	27.67	29.67	27.51	28.28	4.25	ppb
Zirconium	90-1	0.07	0.08	0.04	0.06	28.39	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	72.48	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47972.79	48291.15	49069.89	48444.61	1.17	ppb
Antimony	121-1	485.21	492.20	492.32	489.91	0.83	ppb
Arsenic	75-2	490.69	491.03	487.32	489.68	0.42	ppb
Barium	135-1	2498.37	2510.05	2517.95	2508.79	0.39	ppb
Barium	137-1	2539.79	2551.93	2572.43	2554.72	0.65	ppb
Beryllium	9-1	455.62	457.80	475.94	463.12	2.41	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	424.70	459.43	507.70	463.94	8.98	ppb
Boron	11-1	417.25	458.04	493.17	456.15	8.33	ppb
Bromine	81-1						cps
Cadmium	111-1	473.00	476.36	482.21	477.19	0.98	ppb
Cadmium	106-1	461.49	487.29	486.21	478.33	3.05	ppb
Cadmium	108-1	481.73	488.88	482.62	484.41	0.80	ppb
Calcium	43-1	248075.27	246194.99	250510.89	248260.39	0.87	ppb
Calcium	44-1	246751.50	245054.54	251949.45	247918.49	1.45	ppb
Chromium	52-2	490.24	503.02	508.03	500.43	1.83	ppb
Cobalt	59-2	489.87	496.01	499.34	495.07	0.97	ppb
Copper	63-2	4909.91	4981.40	4990.80	4960.71	0.89	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				94		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	124634.44	123475.21	127132.22	125080.62	1.49	ppb
Iron	56-2	122631.31	121819.59	124493.70	122981.53	1.11	ppb
Iron	57-2	127556.68	125235.31	130079.87	127623.95	1.90	ppb
Krypton	83-1						cps
Lead	206-1	2517.99	2519.49	2554.53	2530.67	0.82	ppb
Lead	207-1	2499.75	2474.62	2550.24	2508.20	1.54	ppb
Lead	208-1	2497.98	2495.70	2518.17	2503.95	0.49	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	245318.01	249660.26	252814.79	249264.35	1.51	ppb
Manganese	55-2	5038.37	5045.26	5217.51	5100.38	1.99	ppb
Molybdenum	94-1	2475.17	2458.31	2538.02	2490.50	1.69	ppb
Molybdenum	95-1	2450.56	2486.34	2556.92	2497.94	2.17	ppb
Molybdenum	96-1	2490.91	2488.78	2572.68	2517.46	1.90	ppb
Molybdenum	97-1	2463.13	2531.81	2543.62	2512.85	1.73	ppb
Molybdenum	98-1	2445.12	2504.98	2510.31	2486.80	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.59	494.81	494.97	491.46	1.21	ppb
Phosphorus	31-2	10101.72	9417.91	10658.75	10059.46	6.18	ppb
Potassium	39-2	124702.82	126203.00	128351.92	126419.24	1.45	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	478.53	478.65	490.47	482.55	1.42	ppb
Selenium	77-2	539.45	514.79	557.76	537.33	4.01	ppb
Selenium	78-2	504.34	489.91	493.43	495.89	1.52	ppb
Silicon	28-1	401.61	441.87	494.79	446.09	10.48	ppb
Silver	109-1	475.24	480.36	486.40	480.67	1.16	ppb
Silver	107-1	480.60	482.72	486.35	483.22	0.60	ppb
Sodium	23-2	247780.71	251873.32	253560.13	251071.38	1.18	ppb
Strontium	86-1	487.30	495.33	501.61	494.75	1.45	ppb
Strontium	88-1	496.78	494.41	511.02	500.74	1.79	ppb
Sulfur	34-1	7587.24	6452.80	6824.56	6954.87	8.32	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	481.94	482.58	494.88	486.47	1.50	ppb
Thallium	205-1	502.75	506.22	506.27	505.08	0.40	ppb
Tin	118-1	497.21	494.11	493.04	494.78	0.44	ppb
Titanium	47-1	2447.04	2458.11	2483.51	2462.88	0.76	ppb
Uranium	238-1	512.42	497.25	518.71	509.46	2.17	ppb
Vanadium	51-2	488.33	496.05	502.09	495.49	1.39	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	4779.91	4869.62	4934.21	4861.25	1.59	ppb
Zirconium	90-1	494.47	498.95	511.57	501.66	1.77	ppb
Zirconium	91-1	493.02	493.44	503.31	496.59	1.17	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:11:07 DataFile Name : 114CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	2.05	0.95	1.10	80.03	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	24.20	ppb
Arsenic	75-2	0.03	-0.01	-0.02	0.00	14174.57	ppb
Barium	135-1	0.04	-0.05	0.01	0.00		ppb
Barium	137-1	-0.01	-0.02	0.04	0.00	1052.29	ppb
Beryllium	9-1	0.14	0.18	0.17	0.16	12.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	10.27	9.68	9.53	9.82	3.99	ppb
Boron	11-1	9.69	9.28	9.49	9.49	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.00	0.00	324.66	ppb
Cadmium	106-1	-2.62	1.53	1.17	0.02	9283.52	ppb
Cadmium	108-1	-0.25	-0.16	-0.25	-0.22		ppb
Calcium	43-1	-9.30	-11.98	-11.91	-11.06		ppb
Calcium	44-1	4.17	4.09	1.45	3.23	47.89	ppb
Chromium	52-2	0.25	0.14	0.18	0.19	30.11	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	25.14	ppb
Copper	63-2	0.42	0.42	0.51	0.45	11.22	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				92		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	54-2	6.48	6.11	4.50	5.70	18.50	ppb
Iron	56-2	2.41	2.53	2.51	2.48	2.61	ppb
Iron	57-2	0.09	-0.10	0.47	0.15	189.25	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.15	0.19	17.54	ppb
Lead	207-1	0.16	0.17	0.15	0.16	7.87	ppb
Lead	208-1	0.20	0.20	0.16	0.19	10.62	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:11:07	DataFile Name :	114CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	7.24	4.54	4.08	5.29	32.29	ppb
Manganese	55-2	0.26	0.28	0.23	0.26	10.16	ppb
Molybdenum	94-1	0.05	0.00	0.03	0.03	77.85	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	352.01	ppb
Molybdenum	96-1	0.01	0.01	-0.03	-0.01		ppb
Molybdenum	97-1	0.04	0.03	0.00	0.02	98.09	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	200.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.03	-0.11	-0.07		ppb
Phosphorus	31-2	-46.65	-18.50	-27.50	-30.88		ppb
Potassium	39-2	59.70	80.82	76.26	72.26	15.38	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.27	-1.66	-0.29	-0.56		ppb
Selenium	77-2	-1.18	-1.18	3.29	0.31	837.01	ppb
Selenium	78-2	-1.18	1.47	2.98	1.09	192.66	ppb
Silicon	28-1	65.18	55.91	47.03	56.04	16.19	ppb
Silver	109-1	0.08	0.06	0.05	0.06	20.51	ppb
Silver	107-1	0.04	0.03	0.04	0.03	19.50	ppb
Sodium	23-2	439.74	456.33	441.48	445.85	2.04	ppb
Strontium	86-1	0.54	0.66	0.27	0.49	40.70	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	34.36	ppb
Sulfur	34-1	226.00	-2.01	-59.92	54.69	276.37	ppb
Terbium	159-1				90		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.02	-0.02	0.00		ppb
Thallium	205-1	-0.02	0.00	0.00	-0.01		ppb
Tin	118-1	-0.07	-0.08	-0.04	-0.06		ppb
Titanium	47-1	0.05	0.08	0.13	0.09	50.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				90		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:11:07	DataFile Name :	114CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	-0.02	-0.19	-0.40	-0.20		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	48.90	ppb
Zirconium	91-1	0.03	-0.03	0.01	0.01	535.08	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-19 Instrumnet Name : P8
 Client Sample ID : 49-MW029(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:13:58 DataFile Name : 115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.28	6.01	9.75	7.35	28.44	ppb
Antimony	121-1	0.47	0.56	0.57	0.53	9.60	ppb
Arsenic	75-2	10.71	10.82	10.17	10.57	3.31	ppb
Barium	135-1	177.77	177.79	182.36	179.31	1.47	ppb
Barium	137-1	185.79	182.59	184.43	184.27	0.87	ppb
Beryllium	9-1	0.14	0.16	0.11	0.13	16.05	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	39.85	43.57	47.83	43.75	9.12	ppb
Boron	11-1	38.69	43.66	45.65	42.67	8.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.05	0.09	0.08	30.68	ppb
Cadmium	106-1	-2.93	-2.81	2.94	-0.93		ppb
Cadmium	108-1	-0.08	0.28	0.21	0.14	137.02	ppb
Calcium	43-1	164280.83	164595.55	165110.85	164662.41	0.25	ppb
Calcium	44-1	163800.36	165869.35	168220.44	165963.38	1.33	ppb
Chromium	52-2	0.32	0.35	0.39	0.35	10.16	ppb
Cobalt	59-2	1.30	1.34	1.21	1.28	4.95	ppb
Copper	63-2	2.75	2.60	2.72	2.69	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	747.21	777.52	740.30	755.01	2.62	ppb
Iron	56-2	747.94	749.90	737.85	745.23	0.87	ppb
Iron	57-2	766.97	776.36	774.17	772.50	0.64	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.21	0.24	9.89	ppb
Lead	207-1	0.18	0.18	0.16	0.17	7.41	ppb
Lead	208-1	0.22	0.22	0.19	0.21	9.11	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-19 Instrumnet Name : P8
 Client Sample ID : 49-MW029(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:13:58 DataFile Name : 115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	34727.34	35262.39	34372.58	34787.44	1.29	ppb
Manganese	55-2	2277.01	2321.22	2244.93	2281.05	1.68	ppb
Molybdenum	94-1	2.86	3.24	2.96	3.02	6.43	ppb
Molybdenum	95-1	3.74	4.08	4.32	4.05	7.24	ppb
Molybdenum	96-1	3.93	3.87	3.92	3.91	0.76	ppb
Molybdenum	97-1	4.29	3.95	4.22	4.15	4.25	ppb
Molybdenum	98-1	3.95	4.01	4.16	4.04	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.62	2.46	2.43	8.59	ppb
Phosphorus	31-2	-15.64	-26.46	-57.61	-33.23		ppb
Potassium	39-2	9605.90	9689.81	9565.88	9620.53	0.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.64	3.25	2.15	2.02	64.94	ppb
Selenium	77-2	-1.31	-3.45	-1.28	-2.01		ppb
Selenium	78-2	2.90	1.78	3.02	2.57	26.59	ppb
Silicon	28-1	2189.20	2209.48	2227.54	2208.74	0.87	ppb
Silver	109-1	0.07	0.02	0.06	0.05	59.82	ppb
Silver	107-1	0.03	0.01	0.04	0.03	51.85	ppb
Sodium	23-2	515741.34	517485.45	511620.88	514949.22	0.58	ppb
Strontium	86-1	970.58	977.12	987.18	978.29	0.86	ppb
Strontium	88-1	987.34	990.59	985.92	987.95	0.24	ppb
Sulfur	34-1	2054.76	1691.23	2814.57	2186.85	26.21	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.02	0.01	117.19	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.09	-0.04	-0.06		ppb
Titanium	47-1	0.55	0.33	0.25	0.38	41.61	ppb
Uranium	238-1	19.28	19.07	19.68	19.35	1.61	ppb
Vanadium	51-2	1.30	1.33	1.19	1.27	5.99	ppb
Yttrium	89-1				95		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-19	Instrumnet Name :	P8
Client Sample ID :	49-MW029(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:13:58	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	4.84	4.79	4.92	4.85	1.36	ppb
Zirconium	90-1	0.11	0.10	0.15	0.12	24.85	ppb
Zirconium	91-1	0.14	0.09	0.15	0.12	26.59	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-20 Instrumnet Name : P8
 Client Sample ID : 49-MW003(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:16:49 DataFile Name : 116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.84	37.72	43.21	40.26	6.88	ppb
Antimony	121-1	0.05	0.07	0.08	0.07	25.39	ppb
Arsenic	75-2	16.51	16.66	17.08	16.75	1.79	ppb
Barium	135-1	134.87	134.85	137.25	135.66	1.02	ppb
Barium	137-1	137.94	137.43	139.60	138.32	0.82	ppb
Beryllium	9-1	0.18	0.16	0.15	0.16	7.27	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	23.85	24.11	24.48	24.15	1.30	ppb
Boron	11-1	24.06	25.43	24.25	24.58	3.02	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.04	0.02	0.03	33.79	ppb
Cadmium	106-1	0.41	-1.19	2.12	0.45	368.96	ppb
Cadmium	108-1	-0.16	-0.17	-0.08	-0.14		ppb
Calcium	43-1	88051.53	86832.67	86131.56	87005.25	1.12	ppb
Calcium	44-1	88054.48	88065.53	87280.52	87800.18	0.51	ppb
Chromium	52-2	0.34	0.38	0.45	0.39	13.68	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	15.36	ppb
Copper	63-2	0.99	0.87	0.92	0.93	6.36	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				98		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	1629.45	1603.15	1648.01	1626.87	1.39	ppb
Iron	56-2	1631.20	1572.42	1654.03	1619.22	2.60	ppb
Iron	57-2	1635.97	1604.32	1690.39	1643.56	2.65	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.24	0.24	3.16	ppb
Lead	207-1	0.26	0.19	0.15	0.20	28.40	ppb
Lead	208-1	0.25	0.24	0.20	0.23	11.73	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-20 Instrumnet Name : P8
 Client Sample ID : 49-MW003(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:16:49 DataFile Name : 116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	32651.97	31286.02	32930.27	32289.42	2.73	ppb
Manganese	55-2	499.01	485.78	510.02	498.27	2.44	ppb
Molybdenum	94-1	1.05	0.96	0.73	0.91	18.08	ppb
Molybdenum	95-1	1.25	1.62	1.38	1.42	13.11	ppb
Molybdenum	96-1	1.38	1.21	1.20	1.26	8.19	ppb
Molybdenum	97-1	1.14	1.10	1.45	1.23	15.53	ppb
Molybdenum	98-1	1.32	1.18	1.32	1.27	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.20	0.10	0.22	58.83	ppb
Phosphorus	31-2	-76.45	-13.61	-26.09	-38.72		ppb
Potassium	39-2	8773.80	8468.10	8919.26	8720.39	2.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.65	-1.15	-0.45	-0.32		ppb
Selenium	77-2	-3.45	-3.45	-3.45	-3.45		ppb
Selenium	78-2	0.40	1.13	1.11	0.88	46.91	ppb
Silicon	28-1	4327.81	4199.77	4179.76	4235.78	1.90	ppb
Silver	109-1	0.05	0.05	0.06	0.05	8.77	ppb
Silver	107-1	0.07	0.04	0.08	0.06	28.23	ppb
Sodium	23-2	117881.02	113657.38	120556.67	117365.03	2.96	ppb
Strontium	86-1	579.25	576.87	584.08	580.07	0.63	ppb
Strontium	88-1	593.88	584.05	575.20	584.38	1.60	ppb
Sulfur	34-1	5061.66	3974.06	3569.25	4201.65	18.37	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.03	-0.07	-0.06	-0.05		ppb
Titanium	47-1	1.84	1.58	1.60	1.67	8.42	ppb
Uranium	238-1	0.30	0.24	0.28	0.27	11.01	ppb
Vanadium	51-2	0.12	0.13	0.15	0.14	9.69	ppb
Yttrium	89-1				96		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-20	Instrumnet Name :	P8
Client Sample ID :	49-MW003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:16:49	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	14.95	15.12	15.07	15.05	0.57	ppb
Zirconium	90-1	0.05	0.03	0.05	0.04	30.66	ppb
Zirconium	91-1	-0.01	0.00	0.09	0.03	195.26	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-21 Instrumnet Name : P8
 Client Sample ID : 49-PZ003(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:19:37 DataFile Name : 117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.04	53.73	56.67	55.48	2.80	ppb
Antimony	121-1	0.08	0.12	0.08	0.09	27.81	ppb
Arsenic	75-2	1.56	1.98	1.88	1.81	12.08	ppb
Barium	135-1	113.14	103.97	103.12	106.74	5.21	ppb
Barium	137-1	113.24	106.47	105.43	108.38	3.92	ppb
Beryllium	9-1	0.12	0.14	0.16	0.14	13.25	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	41.46	40.91	43.73	42.03	3.56	ppb
Boron	11-1	40.86	42.63	44.27	42.59	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	2.15	1.76	1.83	1.92	10.89	ppb
Cadmium	106-1	-1.34	0.87	2.61	0.71	277.58	ppb
Cadmium	108-1	2.11	1.10	1.27	1.49	36.13	ppb
Calcium	43-1	72776.62	68700.69	70302.52	70593.28	2.91	ppb
Calcium	44-1	73448.97	70065.22	70975.89	71496.69	2.45	ppb
Chromium	52-2	0.27	0.37	0.32	0.32	14.81	ppb
Cobalt	59-2	0.20	0.24	0.21	0.22	8.43	ppb
Copper	63-2	1.12	1.18	1.30	1.20	7.85	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				97		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	54-2	102.96	110.60	111.58	108.38	4.36	ppb
Iron	56-2	111.06	112.00	111.33	111.47	0.44	ppb
Iron	57-2	114.03	113.21	107.32	111.52	3.28	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.19	0.17	0.20	18.36	ppb
Lead	207-1	0.15	0.15	0.14	0.15	5.95	ppb
Lead	208-1	0.21	0.16	0.16	0.18	15.33	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-21	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:19:37	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	15578.78	15486.43	15421.50	15495.57	0.51	ppb
Manganese	55-2	92.28	90.25	90.97	91.17	1.13	ppb
Molybdenum	94-1	0.43	0.44	0.40	0.42	4.46	ppb
Molybdenum	95-1	0.49	0.47	0.48	0.48	2.33	ppb
Molybdenum	96-1	0.45	0.41	0.38	0.42	8.58	ppb
Molybdenum	97-1	0.52	0.42	0.37	0.44	17.87	ppb
Molybdenum	98-1	0.56	0.49	0.56	0.54	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.97	4.78	4.88	4.88	1.90	ppb
Phosphorus	31-2	-68.85	-20.42	12.52	-25.58		ppb
Potassium	39-2	10741.29	10774.00	10824.67	10779.99	0.39	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.60	-1.34	2.91	0.72	294.88	ppb
Selenium	77-2	-3.45	5.13	-3.45	-0.59		ppb
Selenium	78-2	2.37	1.18	0.73	1.43	59.43	ppb
Silicon	28-1	2248.72	2103.71	2163.55	2171.99	3.36	ppb
Silver	109-1	0.06	0.08	0.10	0.08	23.04	ppb
Silver	107-1	0.07	0.09	0.11	0.09	24.22	ppb
Sodium	23-2	958154.04	949758.74	971326.31	959746.36	1.13	ppb
Strontium	86-1	524.28	484.40	478.81	495.83	5.00	ppb
Strontium	88-1	524.82	493.25	482.59	500.22	4.39	ppb
Sulfur	34-1	7103.14	4500.64	5150.92	5584.90	24.25	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.01	0.00	0.01	136.19	ppb
Thallium	205-1	0.00	0.00	0.02	0.01	96.44	ppb
Tin	118-1	-0.05	-0.06	-0.03	-0.05		ppb
Titanium	47-1	1.88	1.83	2.53	2.08	18.85	ppb
Uranium	238-1	0.48	0.46	0.43	0.46	5.14	ppb
Vanadium	51-2	0.16	0.18	0.17	0.17	5.55	ppb
Yttrium	89-1				93		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-21	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:19:37	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	470.45	467.86	481.05	473.12	1.48	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	15.65	ppb
Zirconium	91-1	0.02	0.05	-0.01	0.02	156.96	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-22 Instrumnet Name : P8
 Client Sample ID : 49-MW007(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:22:29 DataFile Name : 118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.00	27.04	23.98	26.67	9.50	ppb
Antimony	121-1	0.12	0.16	0.16	0.15	14.46	ppb
Arsenic	75-2	83.97	81.35	78.26	81.19	3.52	ppb
Barium	135-1	147.09	151.52	155.28	151.29	2.71	ppb
Barium	137-1	147.09	156.04	150.78	151.30	2.97	ppb
Beryllium	9-1	0.18	0.13	0.13	0.15	16.92	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	63.40	66.32	65.15	64.96	2.26	ppb
Boron	11-1	62.77	66.88	67.15	65.60	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.14	0.11	0.14	18.34	ppb
Cadmium	106-1	4.72	-0.54	3.64	2.61	106.46	ppb
Cadmium	108-1	-0.17	0.65	0.10	0.19	218.03	ppb
Calcium	43-1	165888.49	169515.49	167654.07	167686.02	1.08	ppb
Calcium	44-1	165178.15	167749.80	164378.20	165768.72	1.06	ppb
Chromium	52-2	0.63	0.49	0.33	0.48	31.70	ppb
Cobalt	59-2	0.42	0.39	0.43	0.41	5.63	ppb
Copper	63-2	0.69	0.93	0.80	0.81	14.78	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				100		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	25498.22	25154.35	22998.30	24550.29	5.52	ppb
Iron	56-2	26258.68	25766.59	23236.17	25087.15	6.46	ppb
Iron	57-2	25968.19	25741.53	23227.67	24979.13	6.09	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.08	0.15	0.12	29.06	ppb
Lead	207-1	0.13	0.12	0.15	0.13	11.77	ppb
Lead	208-1	0.12	0.10	0.13	0.11	12.98	ppb

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-22 Instrumnet Name : P8
 Client Sample ID : 49-MW007(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:22:29 DataFile Name : 118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	8780.55	8607.46	7772.94	8386.98	6.42	ppb
Manganese	55-2	5099.80	5039.92	4550.43	4896.72	6.15	ppb
Molybdenum	94-1	3.46	3.23	3.18	3.29	4.61	ppb
Molybdenum	95-1	3.61	3.97	3.88	3.82	4.99	ppb
Molybdenum	96-1	3.70	3.94	3.66	3.77	3.96	ppb
Molybdenum	97-1	3.71	3.80	3.83	3.78	1.69	ppb
Molybdenum	98-1	3.94	3.74	3.97	3.88	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.08	2.12	2.04	5.02	ppb
Phosphorus	31-2	81.80	48.58	-26.29	34.70	159.58	ppb
Potassium	39-2	18522.75	18345.09	16564.72	17810.85	6.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-0.35	-2.55	1.96	-0.31		ppb
Selenium	77-2	-3.45	3.06	-1.39	-0.59		ppb
Selenium	78-2	4.03	2.05	3.43	3.17	32.03	ppb
Silicon	28-1	2154.31	2254.61	2166.90	2191.94	2.49	ppb
Silver	109-1	0.16	0.14	0.16	0.15	8.01	ppb
Silver	107-1	0.14	0.18	0.14	0.15	14.89	ppb
Sodium	23-2	1335256.05	1324965.61	1197141.39	1285787.68	5.98	ppb
Strontium	86-1	1363.32	1396.82	1386.31	1382.15	1.24	ppb
Strontium	88-1	1376.59	1411.88	1414.94	1401.14	1.52	ppb
Sulfur	34-1	1894.15	2214.45	1516.78	1875.13	18.62	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.01	0.02	0.05	0.02	80.31	ppb
Titanium	47-1	1.37	1.61	1.34	1.44	10.28	ppb
Uranium	238-1	0.23	0.25	0.25	0.24	4.81	ppb
Vanadium	51-2	0.74	0.68	0.74	0.72	5.05	ppb
Yttrium	89-1				97		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-22	Instrumnet Name :	P8
Client Sample ID :	49-MW007(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:22:29	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	3.60	3.03	2.85	3.16	12.53	ppb
Zirconium	90-1	0.51	0.49	0.51	0.51	2.43	ppb
Zirconium	91-1	0.44	0.47	0.44	0.45	4.10	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49531.06	48349.06	48660.13	48846.75	1.25	ppb
Antimony	121-1	460.51	483.51	490.22	478.08	3.26	ppb
Arsenic	75-2	490.09	488.95	486.87	488.64	0.33	ppb
Barium	135-1	2406.63	2511.15	2556.06	2491.28	3.08	ppb
Barium	137-1	2451.13	2538.84	2564.27	2518.08	2.36	ppb
Beryllium	9-1	453.71	465.61	466.35	461.89	1.54	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	426.96	474.45	504.05	468.49	8.30	ppb
Boron	11-1	416.86	469.52	499.89	462.09	9.09	ppb
Bromine	81-1						cps
Cadmium	111-1	455.62	470.95	485.59	470.72	3.18	ppb
Cadmium	106-1	462.42	465.90	483.87	470.73	2.45	ppb
Cadmium	108-1	459.74	504.55	480.33	481.54	4.66	ppb
Calcium	43-1	238888.23	244150.33	245202.43	242747.00	1.39	ppb
Calcium	44-1	239676.57	243661.09	243437.11	242258.26	0.92	ppb
Chromium	52-2	504.77	495.87	496.81	499.15	0.98	ppb
Cobalt	59-2	499.38	489.00	495.28	494.56	1.06	ppb
Copper	63-2	4963.42	4887.17	4890.26	4913.62	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	126915.51	125317.77	124332.48	125521.92	1.04	ppb
Iron	56-2	126500.31	123491.64	123243.57	124411.84	1.46	ppb
Iron	57-2	128678.15	126517.84	126335.71	127177.23	1.02	ppb
Krypton	83-1						cps
Lead	206-1	2451.89	2535.33	2533.83	2507.02	1.90	ppb
Lead	207-1	2427.07	2576.23	2486.47	2496.59	3.01	ppb
Lead	208-1	2427.33	2528.41	2518.55	2491.43	2.24	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	254542.90	251709.07	251499.62	252583.86	0.67	ppb
Manganese	55-2	5205.21	5151.56	5074.42	5143.73	1.28	ppb
Molybdenum	94-1	2435.42	2519.36	2504.75	2486.51	1.80	ppb
Molybdenum	95-1	2451.89	2550.46	2500.72	2501.02	1.97	ppb
Molybdenum	96-1	2450.07	2550.07	2521.01	2507.05	2.05	ppb
Molybdenum	97-1	2454.75	2537.88	2531.90	2508.18	1.85	ppb
Molybdenum	98-1	2435.54	2491.50	2530.30	2485.78	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.83	482.43	486.37	489.21	1.75	ppb
Phosphorus	31-2	10445.66	10207.56	9997.09	10216.77	2.20	ppb
Potassium	39-2	129426.74	124890.44	126596.53	126971.24	1.80	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	477.98	481.30	486.48	481.92	0.89	ppb
Selenium	77-2	425.97	550.98	497.38	491.44	12.76	ppb
Selenium	78-2	473.07	486.68	486.13	481.96	1.60	ppb
Silicon	28-1	405.42	450.88	510.93	455.74	11.61	ppb
Silver	109-1	462.32	478.14	480.63	473.69	2.10	ppb
Silver	107-1	461.17	485.10	490.82	479.03	3.28	ppb
Sodium	23-2	256386.97	249482.33	252138.95	252669.42	1.38	ppb
Strontium	86-1	485.16	491.80	491.28	489.41	0.75	ppb
Strontium	88-1	490.94	499.99	502.84	497.92	1.25	ppb
Sulfur	34-1	6174.43	5982.85	6497.91	6218.40	4.19	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	472.57	501.60	492.26	488.81	3.03	ppb
Thallium	205-1	477.92	518.96	495.12	497.33	4.14	ppb
Tin	118-1	473.67	488.71	495.21	485.86	2.27	ppb
Titanium	47-1	2403.64	2432.80	2444.65	2427.03	0.87	ppb
Uranium	238-1	495.15	501.49	497.92	498.19	0.64	ppb
Vanadium	51-2	508.07	497.54	499.24	501.62	1.13	ppb
Yttrium	89-1				92		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	4893.49	4795.67	4852.70	4847.29	1.01	ppb
Zirconium	90-1	495.32	499.45	495.29	496.68	0.48	ppb
Zirconium	91-1	489.17	498.51	490.10	492.59	1.04	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.06	3.64	2.78	3.16	13.88	ppb
Antimony	121-1	0.16	0.23	0.19	0.19	17.33	ppb
Arsenic	75-2	-0.01	0.02	0.02	0.01	152.37	ppb
Barium	135-1	0.09	0.04	0.20	0.11	75.16	ppb
Barium	137-1	0.14	0.21	0.07	0.14	46.64	ppb
Beryllium	9-1	0.40	0.33	0.29	0.34	16.94	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	52.70	48.44	45.18	48.77	7.73	ppb
Boron	11-1	50.71	46.63	43.21	46.85	8.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.05	0.05	0.04	33.69	ppb
Cadmium	106-1	-2.22	3.01	0.92	0.57	461.30	ppb
Cadmium	108-1	-0.06	-0.35	-0.15	-0.19		ppb
Calcium	43-1	7.60	6.82	3.02	5.81	42.13	ppb
Calcium	44-1	21.74	21.16	17.35	20.08	11.87	ppb
Chromium	52-2	0.18	0.25	0.14	0.19	26.55	ppb
Cobalt	59-2	0.04	0.03	0.03	0.04	18.94	ppb
Copper	63-2	1.35	1.14	1.20	1.23	8.89	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				92		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	54-2	11.83	8.30	12.15	10.76	19.88	ppb
Iron	56-2	6.94	7.12	6.47	6.84	4.86	ppb
Iron	57-2	5.11	5.83	5.25	5.40	7.02	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.27	0.23	0.28	18.95	ppb
Lead	207-1	0.23	0.25	0.22	0.24	5.69	ppb
Lead	208-1	0.30	0.25	0.22	0.26	16.10	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	10.33	11.59	10.84	10.92	5.82	ppb
Manganese	55-2	0.70	0.62	0.63	0.65	6.80	ppb
Molybdenum	94-1	0.24	0.12	0.21	0.19	31.38	ppb
Molybdenum	95-1	0.31	0.26	0.20	0.26	22.84	ppb
Molybdenum	96-1	0.34	0.18	0.17	0.23	40.54	ppb
Molybdenum	97-1	0.28	0.23	0.19	0.24	18.85	ppb
Molybdenum	98-1	0.28	0.19	0.16	0.21	30.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.06	-0.08		ppb
Phosphorus	31-2	-48.77	-55.81	-63.61	-56.06		ppb
Potassium	39-2	141.93	136.58	144.79	141.10	2.95	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	-0.08	3.42	2.47	1.94	93.38	ppb
Selenium	77-2	-3.45	-3.45	1.17	-1.91		ppb
Selenium	78-2	4.46	2.67	3.07	3.40	27.61	ppb
Silicon	28-1	73.94	64.99	66.72	68.55	6.93	ppb
Silver	109-1	0.17	0.18	0.18	0.18	5.63	ppb
Silver	107-1	0.17	0.16	0.12	0.15	19.54	ppb
Sodium	23-2	816.50	803.38	758.81	792.90	3.81	ppb
Strontium	86-1	0.11	0.55	0.44	0.37	61.66	ppb
Strontium	88-1	0.07	0.05	0.03	0.05	45.07	ppb
Sulfur	34-1	-1153.50	-574.05	-302.92	-676.83		ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	0.08	0.06	0.02	0.06	51.29	ppb
Thallium	205-1	0.08	0.12	0.08	0.09	24.76	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	784.56	ppb
Titanium	47-1	0.23	0.50	0.23	0.32	48.21	ppb
Uranium	238-1	0.05	0.02	0.02	0.03	58.63	ppb
Vanadium	51-2	0.02	0.03	0.00	0.02	90.50	ppb
Yttrium	89-1				89		%

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	0.28	0.05	0.45	0.26	76.05	ppb
Zirconium	90-1	0.04	0.03	0.03	0.04	18.84	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	67.43	ppb

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:03:01	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439	411	411	420	3.78	cps
Antimony	121-1	17	8	17	14	34.67	cps
Arsenic	75-2	11	8	4	8	45.81	cps
Barium	135-1	67	33	50	50	33.34	cps
Barium	137-1	50	67	58	58	14.29	cps
Beryllium	9-1	26	30	24	27	11.44	cps
Bismuth	209-1	2069831	2013660	2034140	2039210	1.39	cps
Bismuth	209-2	1386878	1365416	1362877	1371724	0.96	cps
Boron	10-1	42	40	48	43	9.61	cps
Boron	11-1	144	154	112	137	16.05	cps
Bromine	81-1	2933	2523	2383	2613	10.95	cps
Cadmium	111-1	73	47	84	68	28.16	cps
Cadmium	106-1	1350	1017	1408	1258	16.79	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	304	312	319	312	2.42	cps
Calcium	44-1	17176	17102	17171	17149	0.24	cps
Chromium	52-2	783	730	663	726	8.29	cps
Cobalt	59-2	60	57	23	47	43.45	cps
Copper	63-2	505	405	456	455	10.97	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	17	50	0	22	114.56	cps
Gadolinium	160-2	17	7	20	14	48.02	cps
Holmium	165-1	3492716	3480587	3385379	3452894	1.70	cps
Holmium	165-2	1940723	1888449	1902858	1910677	1.41	cps
Indium	115-1	3525096	3397635	3473242	3465325	1.85	cps
Indium	115-2	624355	612187	619822	618788	0.99	cps
Iron	54-2	289	278	278	281	2.28	cps
Iron	56-2	2617	2606	2634	2619	0.53	cps
Iron	57-2	111	167	122	133	22.05	cps
Krypton	83-1	1950	1803	1937	1897	4.28	cps
Lead	206-1	144	211	128	161	27.37	cps
Lead	207-1	144	133	144	141	4.56	cps
Lead	208-1	622	689	578	630	8.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:03:01	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1782695	1770088	1775913	1776232	0.36	cps
Magnesium	24-2	575	783	592	650	17.81	cps
Manganese	55-2	93	60	107	87	27.74	cps
Molybdenum	94-1	83	125	50	86	43.64	cps
Molybdenum	95-1	33	33	17	28	34.63	cps
Molybdenum	96-1	50	75	92	72	29.04	cps
Molybdenum	97-1	17	17	0	11	86.60	cps
Molybdenum	98-1	17	25	42	28	45.82	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	107	150	130	16.81	cps
Phosphorus	31-2	92	283	217	197	49.34	cps
Potassium	39-2	27543	27377	27084	27335	0.85	cps
Rhodium	103-1	3422217	3388874	3348217	3386436	1.09	cps
Rhodium	103-2	1719594	1718435	1717470	1718500	0.06	cps
Scandium	45-1	2551400	2542611	2588997	2561003	0.96	cps
Scandium	45-2	102633	100908	102186	101909	0.88	cps
Selenium	82-1	-52	50	10	2	2065.03	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	40	41	37	39	5.29	cps
Silicon	28-1	1145054	1111816	1119034	1125301	1.55	cps
Silver	109-1	17	25	42	28	45.82	cps
Silver	107-1	83	92	50	75	29.40	cps
Sodium	23-2	32637	32036	33590	32754	2.39	cps
Strontium	86-1	3025	2992	2992	3003	0.64	cps
Strontium	88-1	108	200	133	147	32.19	cps
Sulfur	34-1	578873	584278	580503	581218	0.48	cps
Terbium	159-1	3819302	3720553	3753644	3764499	1.34	cps
Terbium	159-2	1930863	1920339	1931520	1927574	0.33	cps
Thallium	203-1	108	92	83	94	13.48	cps
Thallium	205-1	108	258	192	186	40.38	cps
Tin	118-1	317	250	350	306	16.66	cps
Titanium	47-1	267	283	367	306	17.53	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	13	23	17	18	28.64	cps
Yttrium	89-1	6475835	6447644	6563033	6495504	0.93	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:03:01	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	809045	791594	800026	800222	1.09	cps
Zinc	66-2	187	187	167	180	6.41	cps
Zirconium	90-1	167	158	217	181	17.47	cps
Zirconium	91-1	33	67	67	56	34.65	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	795	877	832	5.02	cps
Antimony	121-1	5510	5893	5918	5774	3.97	cps
Arsenic	75-2	138	139	131	136	3.21	cps
Barium	135-1	6143	5693	5643	5826	4.73	cps
Barium	137-1	9971	9887	10371	10076	2.57	cps
Beryllium	9-1	942	836	944	907	6.81	cps
Bismuth	209-1	2101913	1994744	1893587	1996748	5.22	cps
Bismuth	209-2	1372692	1343116	1346106	1353972	1.20	cps
Boron	10-1	1322	1570	1632	1508	10.88	cps
Boron	11-1	6622	7340	7955	7306	9.13	cps
Bromine	81-1	2683	2573	2963	2740	7.35	cps
Cadmium	111-1	843	781	765	796	5.12	cps
Cadmium	106-1	1667	1233	1275	1392	17.18	cps
Cadmium	108-1	58	71	54	61	14.19	cps
Calcium	43-1	4303	4409	4358	4356	1.22	cps
Calcium	44-1	85117	84645	84944	84902	0.28	cps
Chromium	52-2	2587	2720	2724	2677	2.91	cps
Cobalt	59-2	1690	1617	1697	1668	2.66	cps
Copper	63-2	2933	2509	2996	2813	9.43	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	75	0	28	148.00	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	50	33	31	68.64	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	3644584	3387541	3238917	3423681	5.99	cps
Holmium	165-2	1909729	1851344	1848813	1869962	1.84	cps
Indium	115-1	3603472	3485807	3244872	3444717	5.31	cps
Indium	115-2	614767	604407	604732	607969	0.97	cps
Iron	54-2	2261	2328	2378	2322	2.52	cps
Iron	56-2	37900	36770	38040	37570	1.85	cps
Iron	57-2	961	939	1039	980	5.36	cps
Krypton	83-1	2110	1957	1830	1966	7.13	cps
Lead	206-1	1606	1578	1628	1604	1.56	cps
Lead	207-1	1467	1395	1283	1382	6.69	cps
Lead	208-1	6328	6245	6312	6295	0.70	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1801231	1765397	1680508	1749045	3.54	cps
Magnesium	24-2	34324	32829	32921	33358	2.51	cps
Manganese	55-2	513	463	527	501	6.66	cps
Molybdenum	94-1	6018	6068	5601	5896	4.35	cps
Molybdenum	95-1	6777	6844	6844	6821	0.56	cps
Molybdenum	96-1	7744	7402	7252	7466	3.38	cps
Molybdenum	97-1	4276	3959	4192	4142	3.96	cps
Molybdenum	98-1	11305	11038	11205	11183	1.21	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	633	550	503	562	11.71	cps
Phosphorus	31-2	167	258	208	211	21.74	cps
Potassium	39-2	52178	53174	50982	52111	2.11	cps
Rhodium	103-1	3470222	3389671	3212382	3357425	3.93	cps
Rhodium	103-2	1722964	1678373	1685078	1695471	1.42	cps
Scandium	45-1	2686999	2580961	2424660	2564207	5.15	cps
Scandium	45-2	101095	100720	100552	100789	0.28	cps
Selenium	82-1	110	240	322	224	47.80	cps
Selenium	77-2	3	13	20	12	68.66	cps
Selenium	78-2	77	69	63	70	10.08	cps
Silicon	28-1	1140592	1111976	1124961	1125843	1.27	cps
Silver	109-1	3125	2792	3117	3012	6.31	cps
Silver	107-1	3551	3100	3501	3384	7.29	cps
Sodium	23-2	97919	98440	94916	97092	1.96	cps
Strontium	86-1	4242	3792	4151	4062	5.86	cps
Strontium	88-1	8169	8036	8411	8205	2.32	cps
Sulfur	34-1	578039	577834	576022	577299	0.19	cps
Terbium	159-1	3877297	3724619	3453476	3685131	5.82	cps
Terbium	159-2	1902827	1853729	1871803	1876120	1.32	cps
Thallium	203-1	1692	1667	1750	1703	2.51	cps
Thallium	205-1	4201	4384	4368	4317	2.35	cps
Tin	118-1	10721	10479	9795	10332	4.65	cps
Titanium	47-1	2425	2225	2550	2400	6.83	cps
Uranium	238-1	5118	4826	4851	4932	3.28	cps
Vanadium	51-2	3684	3634	3944	3754	4.43	cps
Yttrium	89-1	6741396	6496466	6060529	6432797	5.36	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:09:35	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	799213	785430	790769	791804	0.88	cps
Zinc	66-2	453	503	507	488	6.12	cps
Zirconium	90-1	4901	4568	4876	4782	3.88	cps
Zirconium	91-1	1067	1017	783	956	15.83	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:12:44 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22125	22295	22131	22184	0.44	cps
Antimony	121-1	145570	143489	141898	143652	1.28	cps
Arsenic	75-2	5922	5922	5933	5926	0.11	cps
Barium	135-1	144658	148828	144330	145938	1.72	cps
Barium	137-1	251052	253806	250547	251802	0.70	cps
Beryllium	9-1	45557	45011	43946	44838	1.83	cps
Bismuth	209-1	2012040	1985853	1975344	1991079	0.95	cps
Bismuth	209-2	1364281	1360029	1256808	1327039	4.59	cps
Boron	10-1	3088	3502	3584	3391	7.84	cps
Boron	11-1	15075	16764	17717	16519	8.10	cps
Bromine	81-1	2583	2883	2883	2783	6.23	cps
Cadmium	111-1	31890	31812	32035	31913	0.35	cps
Cadmium	106-1	5051	4668	4518	4745	5.80	cps
Cadmium	108-1	2229	2479	2329	2346	5.36	cps
Calcium	43-1	41843	41321	40593	41252	1.52	cps
Calcium	44-1	712090	709653	697424	706389	1.11	cps
Chromium	52-2	47395	46713	47254	47121	0.76	cps
Cobalt	59-2	81833	80962	81863	81553	0.63	cps
Copper	63-2	583482	581822	584929	583411	0.27	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	3457033	3471396	3286530	3404986	3.02	cps
Holmium	165-2	1887498	1868820	1772272	1842863	3.36	cps
Indium	115-1	3406117	3332520	3345229	3361289	1.17	cps
Indium	115-2	613996	605668	570958	596874	3.82	cps
Iron	54-2	98520	98386	99824	98910	0.80	cps
Iron	56-2	1783035	1762230	1769095	1771453	0.60	cps
Iron	57-2	44475	43985	43756	44072	0.83	cps
Krypton	83-1	2007	1903	2067	1992	4.15	cps
Lead	206-1	374893	371798	369598	372096	0.71	cps
Lead	207-1	330170	336950	329371	332163	1.25	cps
Lead	208-1	1506426	1502748	1490119	1499765	0.57	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:12:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1757606	1779283	1738643	1758511	1.16	cps
Magnesium	24-2	338166	336098	342774	339013	1.01	cps
Manganese	55-2	224255	221965	224459	223560	0.62	cps
Molybdenum	94-1	289200	278262	284578	284013	1.93	cps
Molybdenum	95-1	345417	341951	337569	341646	1.15	cps
Molybdenum	96-1	384077	374972	374448	377832	1.43	cps
Molybdenum	97-1	211315	210056	209548	210306	0.43	cps
Molybdenum	98-1	546966	541162	537530	541886	0.88	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	22468	21379	22545	22131	2.94	cps
Phosphorus	31-2	1617	1608	1575	1600	1.38	cps
Potassium	39-2	161926	159060	162439	161142	1.13	cps
Rhodium	103-1	3318148	3271603	3257434	3282395	0.97	cps
Rhodium	103-2	1696875	1697783	1567420	1654026	4.53	cps
Scandium	45-1	2516859	2528493	2478523	2507958	1.04	cps
Scandium	45-2	99887	102008	93157	98351	4.70	cps
Selenium	82-1	2347	2411	2261	2340	3.21	cps
Selenium	77-2	90	70	147	102	38.90	cps
Selenium	78-2	308	329	300	312	4.80	cps
Silicon	28-1	1241891	1245655	1207606	1231717	1.70	cps
Silver	109-1	157291	156052	152717	155353	1.52	cps
Silver	107-1	168386	167440	164043	166623	1.37	cps
Sodium	23-2	690769	681891	688727	687129	0.68	cps
Strontium	86-1	50701	50266	49313	50093	1.42	cps
Strontium	88-1	402872	400210	399872	400985	0.41	cps
Sulfur	34-1	590414	590025	591267	590568	0.11	cps
Terbium	159-1	3743017	3658437	3585533	3662329	2.15	cps
Terbium	159-2	1876993	1881221	1745392	1834535	4.21	cps
Thallium	203-1	89886	89685	85632	88401	2.72	cps
Thallium	205-1	210868	207406	206282	208185	1.15	cps
Tin	118-1	104632	101852	101425	102637	1.70	cps
Titanium	47-1	107890	109443	106494	107942	1.37	cps
Uranium	238-1	252531	251343	249160	251012	0.68	cps
Vanadium	51-2	38418	38846	38669	38644	0.56	cps
Yttrium	89-1	6390983	6422094	6324532	6379203	0.78	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:12:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	791399	788005	737467	772290	3.91	cps
Zinc	66-2	82481	80748	81814	81681	1.07	cps
Zirconium	90-1	240337	235083	240171	238531	1.25	cps
Zirconium	91-1	54457	53913	53587	53986	0.81	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:15:54	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53932	53356	52842	53377	1.02	cps
Antimony	121-1	355231	352000	353791	353674	0.46	cps
Arsenic	75-2	14354	14215	14027	14199	1.15	cps
Barium	135-1	358456	359086	355057	357533	0.61	cps
Barium	137-1	617165	611981	603977	611041	1.09	cps
Beryllium	9-1	108346	107035	107949	107777	0.62	cps
Bismuth	209-1	1919366	1948078	1929014	1932153	0.76	cps
Bismuth	209-2	1327023	1322740	1320948	1323570	0.24	cps
Boron	10-1	7899	8495	8913	8435	6.04	cps
Boron	11-1	37264	40363	42232	39953	6.28	cps
Bromine	81-1	2433	2643	2753	2610	6.24	cps
Cadmium	111-1	77176	77525	78693	77798	1.02	cps
Cadmium	106-1	9370	9762	9487	9540	2.11	cps
Cadmium	108-1	6014	5960	5543	5839	4.41	cps
Calcium	43-1	101011	100016	99977	100335	0.58	cps
Calcium	44-1	1690098	1695455	1672501	1686018	0.71	cps
Chromium	52-2	115071	114262	114641	114658	0.35	cps
Cobalt	59-2	199947	195676	199633	198418	1.20	cps
Copper	63-2	1424300	1407950	1409621	1413957	0.64	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	67	33	25	42	52.92	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	27	10	20	19	44.42	cps
Holmium	165-1	3304299	3330160	3342722	3325727	0.59	cps
Holmium	165-2	1840107	1823261	1823065	1828811	0.53	cps
Indium	115-1	3366079	3301577	3319635	3329097	1.00	cps
Indium	115-2	600354	594300	593337	595997	0.64	cps
Iron	54-2	241733	240983	237867	240194	0.85	cps
Iron	56-2	4346173	4331087	4240851	4306037	1.32	cps
Iron	57-2	108101	105885	106680	106888	1.05	cps
Krypton	83-1	1937	1890	1890	1906	1.41	cps
Lead	206-1	906061	902391	912760	907071	0.58	cps
Lead	207-1	814488	809986	813825	812766	0.30	cps
Lead	208-1	3680617	3663280	3728713	3690870	0.92	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:15:54	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1762474	1745852	1743127	1750484	0.60	cps
Magnesium	24-2	820567	824097	815856	820173	0.50	cps
Manganese	55-2	545894	543416	542814	544041	0.30	cps
Molybdenum	94-1	692141	680254	685081	685825	0.87	cps
Molybdenum	95-1	834657	829929	817208	827265	1.09	cps
Molybdenum	96-1	934401	917462	912369	921410	1.25	cps
Molybdenum	97-1	519080	504384	510285	511250	1.45	cps
Molybdenum	98-1	1332590	1317655	1312477	1320907	0.79	cps
Neodymium	150-1	33	20	33	29	26.64	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53560	54444	53397	53800	1.05	cps
Phosphorus	31-2	3609	3692	3426	3576	3.82	cps
Potassium	39-2	354089	350441	350709	351746	0.58	cps
Rhodium	103-1	3229928	3210974	3180193	3207031	0.78	cps
Rhodium	103-2	2094483	1644153	1691977	1810204	13.66	cps
Scandium	45-1	2475858	2468004	2464768	2469543	0.23	cps
Scandium	45-2	101440	99156	96702	99099	2.39	cps
Selenium	82-1	5801	5772	5785	5786	0.25	cps
Selenium	77-2	183	177	200	187	6.44	cps
Selenium	78-2	718	723	733	725	1.05	cps
Silicon	28-1	1430039	1415596	1431211	1425615	0.61	cps
Silver	109-1	378558	378894	379033	378828	0.06	cps
Silver	107-1	397138	399083	398850	398357	0.27	cps
Sodium	23-2	1654721	1604694	1630996	1630137	1.54	cps
Strontium	86-1	118115	117314	117189	117539	0.43	cps
Strontium	88-1	976301	974882	966748	972644	0.53	cps
Sulfur	34-1	611996	603465	605277	606913	0.74	cps
Terbium	159-1	3598418	3599286	3518646	3572117	1.30	cps
Terbium	159-2	1823874	1873053	1807283	1834737	1.86	cps
Thallium	203-1	214122	215824	214315	214754	0.43	cps
Thallium	205-1	506624	506911	509616	507717	0.33	cps
Tin	118-1	248628	247821	251443	249297	0.76	cps
Titanium	47-1	263745	261523	263330	262866	0.45	cps
Uranium	238-1	606358	606933	607992	607094	0.14	cps
Vanadium	51-2	94385	92902	92889	93392	0.92	cps
Yttrium	89-1	6153220	6225018	6181116	6186452	0.59	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:15:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770892	773418	774634	772981	0.25	cps
Zinc	66-2	196882	197094	195428	196468	0.46	cps
Zirconium	90-1	576510	578437	577125	577357	0.17	cps
Zirconium	91-1	128784	128800	129279	128954	0.22	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102802	103173	104476	103484	0.85	cps
Antimony	121-1	672912	686652	684015	681193	1.07	cps
Arsenic	75-2	27952	28139	28178	28090	0.43	cps
Barium	135-1	680145	688794	695436	688125	1.11	cps
Barium	137-1	1175491	1189757	1183427	1182892	0.60	cps
Beryllium	9-1	206200	206645	207732	206859	0.38	cps
Bismuth	209-1	1847251	1824029	1874809	1848696	1.38	cps
Bismuth	209-2	1292952	1314916	1280054	1295974	1.36	cps
Boron	10-1	14797	16724	17233	16251	7.91	cps
Boron	11-1	71271	78574	82873	77573	7.56	cps
Bromine	81-1	2463	2663	2503	2543	4.17	cps
Cadmium	111-1	149635	149006	146774	148472	1.01	cps
Cadmium	106-1	17219	17745	17570	17511	1.53	cps
Cadmium	108-1	11263	11309	11084	11219	1.06	cps
Calcium	43-1	192262	191982	193617	192620	0.45	cps
Calcium	44-1	3212089	3229730	3220727	3220849	0.27	cps
Chromium	52-2	223316	222805	224382	223501	0.36	cps
Cobalt	59-2	382655	387824	389327	386602	0.91	cps
Copper	63-2	2777860	2792112	2818609	2796194	0.74	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	3214011	3148917	3199684	3187537	1.07	cps
Holmium	165-2	1816998	1823742	1826161	1822300	0.26	cps
Indium	115-1	3189771	3210956	3159757	3186828	0.81	cps
Indium	115-2	580251	584302	568568	577707	1.41	cps
Iron	54-2	464931	471160	476589	470893	1.24	cps
Iron	56-2	8306671	8390334	8393936	8363647	0.59	cps
Iron	57-2	209324	206609	213892	209942	1.75	cps
Krypton	83-1	1800	2030	1597	1809	11.99	cps
Lead	206-1	1733200	1782002	1749476	1754893	1.42	cps
Lead	207-1	1550231	1543850	1572781	1555621	0.98	cps
Lead	208-1	7050021	7015962	7139126	7068370	0.90	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1687935	1654119	1641917	1661324	1.43	cps
Magnesium	24-2	1591847	1557585	1571982	1573805	1.09	cps
Manganese	55-2	1050085	1066907	1063787	1060260	0.84	cps
Molybdenum	94-1	1309528	1323199	1336723	1323150	1.03	cps
Molybdenum	95-1	1596663	1596716	1593420	1595600	0.12	cps
Molybdenum	96-1	1768483	1782258	1758979	1769907	0.66	cps
Molybdenum	97-1	986670	992065	984879	987871	0.38	cps
Molybdenum	98-1	2552052	2530100	2519958	2534037	0.65	cps
Neodymium	150-1	27	40	33	33	20.00	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	103255	102707	103678	103213	0.47	cps
Phosphorus	31-2	7352	7369	7144	7288	1.72	cps
Potassium	39-2	658024	664910	659112	660682	0.56	cps
Rhodium	103-1	3113692	3069404	3049788	3077628	1.06	cps
Rhodium	103-2	1603968	1623943	1563651	1597187	1.92	cps
Scandium	45-1	2311954	2406050	2399424	2372476	2.21	cps
Scandium	45-2	95927	96370	95016	95771	0.72	cps
Selenium	82-1	11129	10860	11385	11125	2.36	cps
Selenium	77-2	360	420	440	407	10.24	cps
Selenium	78-2	1285	1340	1338	1321	2.36	cps
Silicon	28-1	1703054	1741349	1791359	1745254	2.54	cps
Silver	109-1	725371	733664	724709	727915	0.69	cps
Silver	107-1	778119	773608	774091	775273	0.32	cps
Sodium	23-2	3091521	3084562	3125743	3100609	0.71	cps
Strontium	86-1	220665	221058	224415	222046	0.93	cps
Strontium	88-1	1858311	1816590	1879592	1851498	1.73	cps
Sulfur	34-1	633254	635500	636591	635115	0.27	cps
Terbium	159-1	3432729	3484308	3413391	3443476	1.06	cps
Terbium	159-2	1783762	1826314	1796066	1802047	1.22	cps
Thallium	203-1	414702	409095	408263	410687	0.85	cps
Thallium	205-1	966728	970438	969045	968737	0.19	cps
Tin	118-1	485017	476274	482352	481215	0.93	cps
Titanium	47-1	506171	500599	498504	501758	0.79	cps
Uranium	238-1	1178857	1179117	1184863	1180946	0.29	cps
Vanadium	51-2	183605	183879	184561	184015	0.27	cps
Yttrium	89-1	5958326	5958244	6039144	5985238	0.78	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:18:59	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	754643	756261	744095	751666	0.88	cps
Zinc	66-2	380812	379565	383686	381354	0.55	cps
Zirconium	90-1	1120013	1108849	1130122	1119661	0.95	cps
Zirconium	91-1	246842	250353	255803	250999	1.80	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:22:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196552	194681	194284	195173	0.62	cps
Antimony	121-1	1284929	1310030	1306756	1300572	1.05	cps
Arsenic	75-2	51754	52709	52326	52263	0.92	cps
Barium	135-1	1308332	1327811	1336164	1324102	1.08	cps
Barium	137-1	2225317	2213744	2220093	2219718	0.26	cps
Beryllium	9-1	392036	398881	396528	395815	0.88	cps
Bismuth	209-1	1832337	1792012	1634006	1752785	5.98	cps
Bismuth	209-2	1214711	1214807	1214014	1214511	0.04	cps
Boron	10-1	28955	31618	33495	31356	7.28	cps
Boron	11-1	138996	150969	160827	150264	7.28	cps
Bromine	81-1	2773	2713	2443	2643	6.66	cps
Cadmium	111-1	280673	281110	283627	281803	0.57	cps
Cadmium	106-1	31345	31261	32322	31643	1.86	cps
Cadmium	108-1	20883	21054	21968	21301	2.74	cps
Calcium	43-1	367411	372621	374352	371461	0.97	cps
Calcium	44-1	6031409	6158293	6099606	6096436	1.04	cps
Chromium	52-2	418424	416319	417136	417293	0.25	cps
Cobalt	59-2	716958	725168	724103	722076	0.62	cps
Copper	63-2	5109783	5049931	5125063	5094926	0.78	cps
Dysprosium	156-1	58	25	50	44	39.04	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	75	67	50	64	19.92	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	3125633	3101304	2870880	3032606	4.64	cps
Holmium	165-2	1726024	1741687	1698796	1722169	1.26	cps
Indium	115-1	3026835	2957829	2800298	2928320	3.97	cps
Indium	115-2	537634	542290	543718	541214	0.59	cps
Iron	54-2	886255	888181	881211	885215	0.41	cps
Iron	56-2	15731535	15596705	15736510	15688250	0.51	cps
Iron	57-2	391471	394417	393842	393243	0.40	cps
Krypton	83-1	1810	1723	1920	1818	5.42	cps
Lead	206-1	3386955	3402111	3340440	3376502	0.95	cps
Lead	207-1	2977180	3068304	3042497	3029327	1.55	cps
Lead	208-1	13492723	13650593	13644919	13596079	0.66	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:22:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1628582	1597429	1522256	1582756	3.45	cps
Magnesium	24-2	2929805	2920713	2919484	2923334	0.19	cps
Manganese	55-2	2028749	1990470	1991668	2003629	1.09	cps
Molybdenum	94-1	2488233	2531868	2567575	2529225	1.57	cps
Molybdenum	95-1	3030051	3056523	3061074	3049216	0.55	cps
Molybdenum	96-1	3375887	3345357	3388302	3369849	0.66	cps
Molybdenum	97-1	1876422	1913476	1925395	1905098	1.34	cps
Molybdenum	98-1	4742108	4896715	4927707	4855510	2.05	cps
Neodymium	150-1	80	33	40	51	49.39	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	194357	192413	193335	193368	0.50	cps
Phosphorus	31-2	13198	13315	13331	13281	0.55	cps
Potassium	39-2	1229433	1224927	1229356	1227905	0.21	cps
Rhodium	103-1	2973972	2935249	2766309	2891843	3.82	cps
Rhodium	103-2	1486521	1513576	1483607	1494568	1.11	cps
Scandium	45-1	2294140	2333006	2121823	2249656	5.00	cps
Scandium	45-2	89949	90543	91683	90725	0.97	cps
Selenium	82-1	21049	21052	21545	21215	1.35	cps
Selenium	77-2	707	683	723	704	2.85	cps
Selenium	78-2	2463	2411	2509	2461	1.99	cps
Silicon	28-1	2356049	2453901	2529861	2446604	3.56	cps
Silver	109-1	1368039	1399133	1399153	1388775	1.29	cps
Silver	107-1	1450527	1459487	1479664	1463226	1.02	cps
Sodium	23-2	5778344	5786846	5854389	5806526	0.72	cps
Strontium	86-1	420011	426238	423618	423289	0.74	cps
Strontium	88-1	3463493	3542305	3567915	3524571	1.54	cps
Sulfur	34-1	687586	684477	686101	686054	0.23	cps
Terbium	159-1	3302353	3359932	3111145	3257810	4.00	cps
Terbium	159-2	1700156	1711142	1714393	1708564	0.44	cps
Thallium	203-1	790965	785106	789657	788576	0.39	cps
Thallium	205-1	1867230	1868119	1823490	1852946	1.38	cps
Tin	118-1	911857	920667	915913	916146	0.48	cps
Titanium	47-1	953767	972833	981755	969452	1.47	cps
Uranium	238-1	2238145	2329866	2293851	2287287	2.02	cps
Vanadium	51-2	347166	346186	343832	345728	0.50	cps
Yttrium	89-1	5744179	5726172	5432486	5634279	3.11	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:22:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	706174	709160	716825	710719	0.77	cps
Zinc	66-2	700514	709538	708751	706267	0.71	cps
Zirconium	90-1	2080151	2131270	2133266	2114896	1.42	cps
Zirconium	91-1	471901	478499	488603	479668	1.75	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:24:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401408	402863	397766	400679	0.66	cps
Antimony	121-1	2531124	2562355	2574224	2555901	0.87	cps
Arsenic	75-2	106912	107358	106750	107007	0.29	cps
Barium	135-1	2553651	2614787	2595734	2588057	1.21	cps
Barium	137-1	4301428	4445498	4450564	4399164	1.92	cps
Beryllium	9-1	761031	793975	789972	781659	2.30	cps
Bismuth	209-1	1789185	1791338	1830334	1803619	1.28	cps
Bismuth	209-2	1241731	1236893	1239855	1239493	0.20	cps
Boron	10-1	57805	64590	67498	63298	7.86	cps
Boron	11-1	277570	312859	325891	305440	8.19	cps
Bromine	81-1	2643	2673	2933	2750	5.81	cps
Cadmium	111-1	553319	564287	567294	561634	1.31	cps
Cadmium	106-1	61194	61697	62609	61833	1.16	cps
Cadmium	108-1	41830	42294	42833	42319	1.19	cps
Calcium	43-1	726671	749854	756844	744457	2.12	cps
Calcium	44-1	12128619	12394928	12572833	12365460	1.81	cps
Chromium	52-2	854544	857424	846488	852819	0.66	cps
Cobalt	59-2	1460704	1468772	1455906	1461794	0.44	cps
Copper	63-2	10416192	10280726	10216107	10304342	0.99	cps
Dysprosium	156-1	58	100	67	75	29.40	cps
Dysprosium	156-2	33	37	47	39	17.85	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	67	100	33	67	50.00	cps
Gadolinium	160-2	30	30	43	34	22.34	cps
Holmium	165-1	3138627	3083066	3181302	3134332	1.57	cps
Holmium	165-2	1768009	1747278	1762851	1759380	0.61	cps
Indium	115-1	3058254	3037661	3085031	3060315	0.78	cps
Indium	115-2	550780	551715	548662	550386	0.28	cps
Iron	54-2	1835634	1841765	1797265	1824888	1.32	cps
Iron	56-2	31978519	31775450	32036244	31930071	0.43	cps
Iron	57-2	806440	806342	804423	805735	0.14	cps
Krypton	83-1	1723	1903	1793	1807	5.02	cps
Lead	206-1	6580272	6793407	6854644	6742774	2.14	cps
Lead	207-1	5962673	6165140	6185142	6104319	2.02	cps
Lead	208-1	26497637	27613880	27957039	27356185	2.79	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:24:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1632223	1648512	1678937	1653224	1.43	cps
Magnesium	24-2	5980227	6027519	5865566	5957771	1.40	cps
Manganese	55-2	4042858	4029652	3984990	4019167	0.75	cps
Molybdenum	94-1	4911723	5079973	5050125	5013940	1.79	cps
Molybdenum	95-1	5985544	6138665	6218305	6114171	1.93	cps
Molybdenum	96-1	6663446	6783886	6837309	6761547	1.32	cps
Molybdenum	97-1	3752451	3845004	3826024	3807827	1.28	cps
Molybdenum	98-1	9655591	9858996	9794596	9769728	1.06	cps
Neodymium	150-1	120	120	93	111	13.85	cps
Neodymium	150-2	20	7	13	13	49.99	cps
Nickel	60-2	392901	392233	391741	392292	0.15	cps
Phosphorus	31-2	27067	26800	26216	26694	1.63	cps
Potassium	39-2	2482375	2473788	2434912	2463692	1.03	cps
Rhodium	103-1	2996829	2961907	2970035	2976257	0.61	cps
Rhodium	103-2	1503631	1517127	1519679	1513479	0.57	cps
Scandium	45-1	2299776	2290945	2336507	2309076	1.05	cps
Scandium	45-2	94897	94079	92968	93981	1.03	cps
Selenium	82-1	41319	42072	42980	42124	1.97	cps
Selenium	77-2	1410	1543	1507	1487	4.63	cps
Selenium	78-2	4999	4946	4950	4965	0.59	cps
Silicon	28-1	3830905	4112028	4212068	4051667	4.88	cps
Silver	109-1	2767164	2725905	2768621	2753897	0.88	cps
Silver	107-1	2805999	2884753	2927875	2872876	2.15	cps
Sodium	23-2	12005784	11871032	11836465	11904427	0.75	cps
Strontium	86-1	826825	855255	852955	845011	1.87	cps
Strontium	88-1	6989303	7140658	7179965	7103308	1.42	cps
Sulfur	34-1	810582	822925	813250	815586	0.80	cps
Terbium	159-1	3334125	3401318	3348926	3361456	1.05	cps
Terbium	159-2	1778266	1775665	1703109	1752347	2.43	cps
Thallium	203-1	1562672	1607343	1599628	1589881	1.50	cps
Thallium	205-1	3602832	3760462	3751267	3704854	2.39	cps
Tin	118-1	1776539	1823751	1820610	1806966	1.46	cps
Titanium	47-1	1934106	1912906	1966658	1937890	1.40	cps
Uranium	238-1	4486604	4456796	4580873	4508091	1.44	cps
Vanadium	51-2	716134	711311	711559	713001	0.38	cps
Yttrium	89-1	5826718	5882084	5957063	5888622	1.11	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:24:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	733236	730966	731398	731867	0.16	cps
Zinc	66-2	1421202	1434392	1421672	1425755	0.52	cps
Zirconium	90-1	4170767	4252153	4339071	4253997	1.98	cps
Zirconium	91-1	942261	967911	977243	962472	1.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959312	1910386	1894454	1921384	1.76	cps
Antimony	121-1	2934	2850	2667	2817	4.84	cps
Arsenic	75-2	57	50	53	53	6.58	cps
Barium	135-1	5335	5543	5410	5429	1.94	cps
Barium	137-1	9937	9846	8845	9543	6.35	cps
Beryllium	9-1	724	642	468	611	21.38	cps
Bismuth	209-1	1726039	1711013	1714598	1717217	0.46	cps
Bismuth	209-2	1189352	1186547	1178202	1184700	0.49	cps
Boron	10-1	10522	9763	9193	9826	6.78	cps
Boron	11-1	50351	45162	42250	45921	8.94	cps
Bromine	81-1	2703	2803	2893	2800	3.40	cps
Cadmium	111-1	469	549	420	479	13.61	cps
Cadmium	106-1	1208	1183	1383	1258	8.66	cps
Cadmium	108-1	125	92	79	99	24.02	cps
Calcium	43-1	3650384	3724307	3666500	3680397	1.06	cps
Calcium	44-1	60208407	62098733	61552210	61286450	1.59	cps
Chromium	52-2	8516	8176	8206	8299	2.27	cps
Cobalt	59-2	2774	2864	2550	2729	5.91	cps
Copper	63-2	8294	8384	8011	8230	2.37	cps
Dysprosium	156-1	192	108	183	161	28.49	cps
Dysprosium	156-2	87	90	87	88	2.19	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	167	142	200	169	17.27	cps
Gadolinium	160-2	143	107	83	111	27.23	cps
Holmium	165-1	3167858	3121921	3190980	3160253	1.11	cps
Holmium	165-2	1763903	1759100	1753714	1758906	0.29	cps
Indium	115-1	3128262	2980816	3006103	3038394	2.60	cps
Indium	115-2	545905	545798	535656	542453	1.09	cps
Iron	54-2	8211125	8322948	8224222	8252765	0.74	cps
Iron	56-2	151269876	150810070	148842726	150307557	0.86	cps
Iron	57-2	3700001	3737700	3686501	3708067	0.72	cps
Krypton	83-1	1773	1950	1907	1877	4.91	cps
Lead	206-1	10794	9253	9309	9785	8.93	cps
Lead	207-1	9159	8742	8114	8672	6.07	cps
Lead	208-1	41131	38390	37144	38888	5.25	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1697151	1721033	1742783	1720322	1.33	cps
Magnesium	24-2	28639063	28908290	28179480	28575611	1.29	cps
Manganese	55-2	4554	4291	4377	4407	3.05	cps
Molybdenum	94-1	3834	3601	3059	3498	11.37	cps
Molybdenum	95-1	4734	4693	3984	4470	9.43	cps
Molybdenum	96-1	5918	5443	4751	5371	10.93	cps
Molybdenum	97-1	3226	2750	2392	2789	14.99	cps
Molybdenum	98-1	8203	7119	6485	7269	11.95	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	2767	2810	2650	2743	3.02	cps
Phosphorus	31-2	167	208	183	186	11.27	cps
Potassium	39-2	11446198	11360949	11230855	11346001	0.96	cps
Rhodium	103-1	2889671	2888840	2844008	2874173	0.91	cps
Rhodium	103-2	1478053	1479915	1455524	1471164	0.92	cps
Scandium	45-1	2337498	2340092	2267745	2315112	1.77	cps
Scandium	45-2	91328	90949	90697	90991	0.35	cps
Selenium	82-1	156	-112	8	18	764.68	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	47	59	39	48	20.84	cps
Silicon	28-1	1435192	1478029	1479684	1464302	1.72	cps
Silver	109-1	2225	1859	1800	1961	11.75	cps
Silver	107-1	2584	2175	1934	2231	14.73	cps
Sodium	23-2	55651068	56428722	55146680	55742157	1.16	cps
Strontium	86-1	8144	7344	7294	7594	6.29	cps
Strontium	88-1	41053	39749	39281	40027	2.29	cps
Sulfur	34-1	533730	530337	534668	532911	0.43	cps
Terbium	159-1	3362697	3330167	3281172	3324679	1.23	cps
Terbium	159-2	1757215	1719447	1725516	1734059	1.17	cps
Thallium	203-1	1450	1392	1317	1386	4.82	cps
Thallium	205-1	3801	3626	3075	3501	10.81	cps
Tin	118-1	1708	1458	1292	1486	14.11	cps
Titanium	47-1	1183	1150	783	1039	21.36	cps
Uranium	238-1	2184	1717	1417	1772	21.80	cps
Vanadium	51-2	180	230	250	220	16.39	cps
Yttrium	89-1	5825571	5810368	5802316	5812751	0.20	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:27:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	727890	714146	712812	718283	1.16	cps
Zinc	66-2	3127	3287	3374	3263	3.84	cps
Zirconium	90-1	2842	2509	2067	2473	15.73	cps
Zirconium	91-1	667	542	333	514	32.77	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 13:53:04 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10651	10758	10803	10737	0.72	cps
Antimony	121-1	554224	566125	560648	560332	1.06	cps
Arsenic	75-2	22726	22099	21971	22266	1.82	cps
Barium	135-1	58879	59297	60335	59503	1.26	cps
Barium	137-1	99640	101194	101388	100741	0.95	cps
Beryllium	9-1	85732	87300	86049	86361	0.96	cps
Bismuth	209-1	1975109	1982383	1996481	1984658	0.55	cps
Bismuth	209-2	1244638	1426604	1493153	1388132	9.27	cps
Boron	10-1	50319	52095	51070	51161	1.74	cps
Boron	11-1	240756	246914	251069	246246	2.11	cps
Bromine	81-1	2813	2713	2653	2726	2.97	cps
Cadmium	111-1	62142	63706	62890	62913	1.24	cps
Cadmium	106-1	11914	11121	11672	11569	3.51	cps
Cadmium	108-1	6377	6560	6385	6440	1.61	cps
Calcium	43-1	17296	17576	17174	17349	1.19	cps
Calcium	44-1	291957	294492	294225	293558	0.47	cps
Chromium	52-2	89987	89672	88193	89284	1.07	cps
Cobalt	59-2	159293	153262	153409	155322	2.22	cps
Copper	63-2	112081	108682	109551	110105	1.60	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	0	25	19	89.21	cps
Erbium	164-2	7	27	7	13	86.58	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	3416286	3367015	3329133	3370811	1.30	cps
Holmium	165-2	1751804	1977822	2038510	1922712	7.86	cps
Indium	115-1	3291158	3260016	3289181	3280118	0.53	cps
Indium	115-2	546162	619446	654595	606734	9.12	cps
Iron	54-2	76499	76565	75186	76083	1.02	cps
Iron	56-2	1331043	1325270	1290218	1315510	1.68	cps
Iron	57-2	33489	32699	32270	32819	1.88	cps
Krypton	83-1	1783	1937	1890	1870	4.20	cps
Lead	206-1	287263	290971	290563	289599	0.70	cps
Lead	207-1	236856	240749	240709	239438	0.93	cps
Lead	208-1	1112505	1137518	1136738	1128920	1.26	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:53:04	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1750064	1773177	1751396	1758213	0.74	cps
Magnesium	24-2	75060	74465	71768	73764	2.38	cps
Manganese	55-2	43576	43102	42179	42952	1.65	cps
Molybdenum	94-1	2681858	2675968	2666767	2674865	0.28	cps
Molybdenum	95-1	3232546	3223266	3242179	3232663	0.29	cps
Molybdenum	96-1	3539885	3571641	3614828	3575451	1.05	cps
Molybdenum	97-1	1965733	1986512	2002899	1985048	0.94	cps
Molybdenum	98-1	5006671	5024444	5097964	5043026	0.96	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	42945	42159	41367	42157	1.87	cps
Phosphorus	31-2	192	175	208	192	8.69	cps
Potassium	39-2	122383	122341	123407	122710	0.49	cps
Rhodium	103-1	3229283	3168603	3164530	3187472	1.14	cps
Rhodium	103-2	1549183	1750575	1817947	1705902	8.20	cps
Scandium	45-1	2516817	2436420	2464112	2472450	1.65	cps
Scandium	45-2	89528	103526	108130	100394	9.65	cps
Selenium	82-1	9426	9394	9565	9462	0.96	cps
Selenium	77-2	273	363	330	322	14.12	cps
Selenium	78-2	1089	1164	1078	1110	4.22	cps
Silicon	28-1	1900384	1896591	1934561	1910512	1.09	cps
Silver	109-1	146533	148108	151747	148796	1.80	cps
Silver	107-1	157476	157795	157282	157518	0.16	cps
Sodium	23-2	282559	277869	274488	278305	1.46	cps
Strontium	86-1	463372	469250	466277	466300	0.63	cps
Strontium	88-1	3805855	3939307	3853557	3866240	1.75	cps
Sulfur	34-1	541905	540773	540140	540939	0.17	cps
Terbium	159-1	3567767	3588930	3587828	3581508	0.33	cps
Terbium	159-2	1716265	1969929	2029242	1905145	8.73	cps
Thallium	203-1	350330	355418	351943	352564	0.74	cps
Thallium	205-1	827185	836127	831590	831634	0.54	cps
Tin	118-1	982986	978196	986303	982495	0.41	cps
Titanium	47-1	1023816	1038693	1041329	1034613	0.91	cps
Uranium	238-1	2493288	2593902	2581025	2556071	2.14	cps
Vanadium	51-2	72546	70948	70831	71442	1.34	cps
Yttrium	89-1	6105596	6199222	6098987	6134601	0.91	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 13:53:04	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	709496	806551	849643	788563	9.10	cps
Zinc	66-2	30593	30229	29661	30161	1.56	cps
Zirconium	90-1	2257711	2299826	2311093	2289543	1.23	cps
Zirconium	91-1	516871	530540	525948	524453	1.33	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:11:05 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	855	820	832	836	2.12	cps
Antimony	121-1	5251	5451	5276	5326	2.05	cps
Arsenic	75-2	100	107	107	105	3.86	cps
Barium	135-1	5301	5776	5193	5423	5.72	cps
Barium	137-1	9253	10012	9529	9598	4.00	cps
Beryllium	9-1	920	882	950	917	3.72	cps
Bismuth	209-1	2036657	2088953	2014272	2046628	1.87	cps
Bismuth	209-2	1362497	1323615	1329705	1338606	1.56	cps
Boron	10-1	1670	1912	1978	1853	8.75	cps
Boron	11-1	7492	8775	9363	8543	11.20	cps
Bromine	81-1	2393	2563	2232	2396	6.90	cps
Cadmium	111-1	818	839	770	809	4.33	cps
Cadmium	106-1	1400	1225	1375	1333	7.10	cps
Cadmium	108-1	50	71	54	58	18.89	cps
Calcium	43-1	4014	4178	4033	4075	2.20	cps
Calcium	44-1	80865	81611	81386	81287	0.47	cps
Chromium	52-2	2294	2424	2427	2381	3.19	cps
Cobalt	59-2	1517	1453	1593	1521	4.61	cps
Copper	63-2	2825	2670	2733	2743	2.84	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	3429117	3498663	3401166	3442982	1.46	cps
Holmium	165-2	1864463	1832343	1851555	1849453	0.87	cps
Indium	115-1	3403235	3418082	3424490	3415269	0.32	cps
Indium	115-2	589156	581352	578438	582982	0.95	cps
Iron	54-2	2111	2345	2272	2243	5.33	cps
Iron	56-2	35790	35233	35779	35600	0.89	cps
Iron	57-2	1028	1039	994	1020	2.27	cps
Krypton	83-1	1627	1957	1900	1828	9.65	cps
Lead	206-1	1761	1589	1706	1685	5.22	cps
Lead	207-1	1317	1506	1611	1478	10.10	cps
Lead	208-1	6595	6529	6795	6640	2.09	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:11:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1791640	1745196	1748827	1761888	1.47	cps
Magnesium	24-2	30549	31501	31084	31045	1.54	cps
Manganese	55-2	477	500	533	503	5.66	cps
Molybdenum	94-1	5243	5810	4968	5340	8.04	cps
Molybdenum	95-1	6969	6819	6268	6685	5.52	cps
Molybdenum	96-1	7044	6727	7210	6994	3.51	cps
Molybdenum	97-1	4301	3926	4084	4104	4.59	cps
Molybdenum	98-1	10663	9954	10387	10335	3.46	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	470	507	477	484	4.03	cps
Phosphorus	31-2	292	158	108	186	50.92	cps
Potassium	39-2	49419	50430	48933	49594	1.54	cps
Rhodium	103-1	3268413	3352221	3219526	3280053	2.05	cps
Rhodium	103-2	1679843	1669017	1624977	1657946	1.75	cps
Scandium	45-1	2467641	2544090	2501262	2504331	1.53	cps
Scandium	45-2	97428	94783	95424	95878	1.44	cps
Selenium	82-1	529	91	106	242	102.58	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	77	77	78	77	0.75	cps
Silicon	28-1	1124837	1144207	1129441	1132828	0.89	cps
Silver	109-1	2734	2867	2917	2839	3.34	cps
Silver	107-1	2975	3025	2959	2987	1.16	cps
Sodium	23-2	94807	93860	94204	94290	0.51	cps
Strontium	86-1	3817	3667	3742	3742	2.00	cps
Strontium	88-1	7436	7752	7202	7463	3.70	cps
Sulfur	34-1	548505	552195	557367	552689	0.81	cps
Terbium	159-1	3674106	3731939	3664582	3690209	0.99	cps
Terbium	159-2	1866024	1857802	1810422	1844749	1.63	cps
Thallium	203-1	1692	1733	1567	1664	5.21	cps
Thallium	205-1	3851	4518	3592	3987	11.98	cps
Tin	118-1	10112	10062	9353	9843	4.31	cps
Titanium	47-1	2242	2667	2342	2417	9.20	cps
Uranium	238-1	4409	4776	4576	4587	4.00	cps
Vanadium	51-2	3370	3507	3510	3463	2.31	cps
Yttrium	89-1	6304196	6363612	6119601	6262470	2.03	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:11:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	762079	756185	754671	757645	0.52	cps
Zinc	66-2	507	427	417	450	10.96	cps
Zirconium	90-1	4392	4151	4342	4295	2.97	cps
Zirconium	91-1	1075	1125	967	1056	7.67	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:13:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	434	407	420	3.16	cps
Antimony	121-1	25	50	25	33	43.30	cps
Arsenic	75-2	11	5	3	6	65.74	cps
Barium	135-1	42	50	0	31	87.67	cps
Barium	137-1	100	50	75	75	33.33	cps
Beryllium	9-1	94	94	68	85	17.59	cps
Bismuth	209-1	2060118	2021788	2010753	2030886	1.28	cps
Bismuth	209-2	1319682	1315446	1306052	1313727	0.53	cps
Boron	10-1	714	682	654	683	4.39	cps
Boron	11-1	3458	3078	3240	3258	5.85	cps
Bromine	81-1	2363	2753	2613	2576	7.68	cps
Cadmium	111-1	68	75	70	71	5.16	cps
Cadmium	106-1	1283	1258	1142	1228	6.16	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	245	287	264	265	8.03	cps
Calcium	44-1	16899	17203	16908	17003	1.02	cps
Chromium	52-2	743	710	767	740	3.85	cps
Cobalt	59-2	57	67	47	57	17.65	cps
Copper	63-2	438	425	492	452	7.88	cps
Dysprosium	156-1	8	8	33	17	86.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	0	3	20	8	137.80	cps
Gadolinium	160-1	25	42	8	25	66.68	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3483362	3431496	3455555	3456804	0.75	cps
Holmium	165-2	1798833	1796477	1806477	1800596	0.29	cps
Indium	115-1	3461142	3450042	3306064	3405749	2.54	cps
Indium	115-2	573907	576983	573485	574791	0.33	cps
Iron	54-2	306	311	272	296	7.10	cps
Iron	56-2	3234	2984	2973	3063	4.82	cps
Iron	57-2	128	117	67	104	31.39	cps
Krypton	83-1	1850	1723	1933	1836	5.76	cps
Lead	206-1	378	289	306	324	14.58	cps
Lead	207-1	222	261	261	248	9.05	cps
Lead	208-1	1244	1139	1194	1193	4.43	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:13:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1789924	1741400	1798048	1776457	1.72	cps
Magnesium	24-2	742	492	775	669	23.13	cps
Manganese	55-2	110	93	110	104	9.21	cps
Molybdenum	94-1	100	584	92	259	109.02	cps
Molybdenum	95-1	67	25	50	47	44.41	cps
Molybdenum	96-1	50	75	83	69	24.98	cps
Molybdenum	97-1	25	50	0	25	100.00	cps
Molybdenum	98-1	8	58	58	42	69.29	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	100	157	116	31.11	cps
Phosphorus	31-2	267	150	200	206	28.47	cps
Potassium	39-2	25916	25031	25765	25571	1.85	cps
Rhodium	103-1	3349031	3325224	3294969	3323075	0.82	cps
Rhodium	103-2	1610475	1635141	1616714	1620777	0.79	cps
Scandium	45-1	2535176	2533962	2513929	2527689	0.47	cps
Scandium	45-2	94330	94548	94730	94536	0.21	cps
Selenium	82-1	-94	94	-123	-41	-285.60	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	40	29	42	37	18.92	cps
Silicon	28-1	1120583	1091622	1117430	1109878	1.43	cps
Silver	109-1	50	33	8	31	68.64	cps
Silver	107-1	25	42	33	33	25.01	cps
Sodium	23-2	34834	34851	34725	34803	0.20	cps
Strontium	86-1	2992	2959	2767	2906	4.18	cps
Strontium	88-1	167	117	225	169	32.00	cps
Sulfur	34-1	553645	550174	557911	553910	0.70	cps
Terbium	159-1	3779433	3668974	3579243	3675883	2.73	cps
Terbium	159-2	1850311	1790395	1820122	1820276	1.65	cps
Thallium	203-1	58	8	25	31	83.33	cps
Thallium	205-1	92	158	75	108	40.71	cps
Tin	118-1	275	317	367	319	14.37	cps
Titanium	47-1	400	425	275	367	21.92	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	6403365	6445119	6231348	6359944	1.78	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:13:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740534	745575	738739	741616	0.48	cps
Zinc	66-2	213	170	127	170	25.49	cps
Zirconium	90-1	242	250	183	225	16.14	cps
Zirconium	91-1	42	33	75	50	44.10	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:16:50 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2005491	1956713	1963487	1975230	1.34	cps
Antimony	121-1	2809	3192	3117	3039	6.69	cps
Arsenic	75-2	37	35	41	38	8.11	cps
Barium	135-1	925	642	833	800	18.07	cps
Barium	137-1	1467	1342	1350	1386	5.04	cps
Beryllium	9-1	326	364	332	341	6.00	cps
Bismuth	209-1	1939358	1924356	1938440	1934051	0.43	cps
Bismuth	209-2	1290556	1295408	1308610	1298191	0.72	cps
Boron	10-1	658	636	582	625	6.25	cps
Boron	11-1	2840	2796	2928	2854	2.35	cps
Bromine	81-1	2933	2883	3023	2947	2.41	cps
Cadmium	111-1	498	550	502	517	5.63	cps
Cadmium	106-1	1133	1100	1558	1264	20.22	cps
Cadmium	108-1	463	421	379	421	9.90	cps
Calcium	43-1	758590	770037	775317	767982	1.11	cps
Calcium	44-1	12647963	12682738	12791347	12707349	0.59	cps
Chromium	52-2	18128	17644	18242	18005	1.76	cps
Cobalt	59-2	1810	1980	1723	1838	7.11	cps
Copper	63-2	9649	9760	10119	9842	2.49	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	42	0	17	19	107.85	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	3407996	3386406	3322015	3372139	1.33	cps
Holmium	165-2	1831028	1843812	1858380	1844406	0.74	cps
Indium	115-1	3286098	3299146	3313205	3299483	0.41	cps
Indium	115-2	573308	585406	586109	581608	1.24	cps
Iron	54-2	3558457	3596452	3606283	3587064	0.70	cps
Iron	56-2	64461246	64825199	64597465	64627970	0.28	cps
Iron	57-2	1628303	1649480	1623809	1633864	0.84	cps
Krypton	83-1	1910	1810	1823	1848	2.94	cps
Lead	206-1	6379	6991	7302	6891	6.81	cps
Lead	207-1	5079	5362	5901	5448	7.67	cps
Lead	208-1	24126	25616	26945	25562	5.52	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:16:50 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1775018	1747839	1745259	1756039	0.94	cps
Magnesium	24-2	5858581	5801796	5841099	5833825	0.50	cps
Manganese	55-2	3350	3120	3140	3204	3.98	cps
Molybdenum	94-1	1419833	1435449	1440228	1431837	0.74	cps
Molybdenum	95-1	2487589	2478422	2541289	2502433	1.36	cps
Molybdenum	96-1	2643612	2666118	2715053	2674928	1.37	cps
Molybdenum	97-1	1529538	1540004	1573484	1547675	1.48	cps
Molybdenum	98-1	3866151	3959517	4026006	3950558	2.03	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2330	2194	2407	2310	4.68	cps
Phosphorus	31-2	134561	133738	136716	135005	1.14	cps
Potassium	39-2	4702836	4766963	4817227	4762342	1.20	cps
Rhodium	103-1	3121243	3112963	3172336	3135514	1.03	cps
Rhodium	103-2	1580306	1634359	1625957	1613541	1.80	cps
Scandium	45-1	2466302	2440647	2431217	2446055	0.74	cps
Scandium	45-2	95897	95242	96655	95932	0.74	cps
Selenium	82-1	-84	21	3	-20	-277.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	32	53	39	32.14	cps
Silicon	28-1	1192131	1214012	1215303	1207149	1.08	cps
Silver	109-1	83	67	158	103	47.51	cps
Silver	107-1	117	83	100	100	16.66	cps
Sodium	23-2	12146534	12040529	12150464	12112509	0.51	cps
Strontium	86-1	32430	32204	32722	32452	0.80	cps
Strontium	88-1	251655	253521	259907	255028	1.70	cps
Sulfur	34-1	1528525	1532203	1551146	1537292	0.79	cps
Terbium	159-1	3583689	3551737	3636624	3590683	1.19	cps
Terbium	159-2	1830419	1846256	1872666	1849780	1.15	cps
Thallium	203-1	92	150	108	117	25.75	cps
Thallium	205-1	258	292	383	311	20.80	cps
Tin	118-1	658	800	742	733	9.71	cps
Titanium	47-1	800749	807873	815267	807963	0.90	cps
Uranium	238-1	92	100	83	92	9.09	cps
Vanadium	51-2	117	163	83	121	33.18	cps
Yttrium	89-1	6292929	6205617	6273545	6257364	0.73	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:16:50	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	748855	759558	762578	756997	0.95	cps
Zinc	66-2	1833	1810	1827	1823	0.66	cps
Zirconium	90-1	375	342	367	361	4.80	cps
Zirconium	91-1	83	58	158	100	52.04	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:19:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1961951	1865540	1896178	1907890	2.58	cps
Antimony	121-1	56802	56685	59664	57717	2.92	cps
Arsenic	75-2	2321	2231	2200	2251	2.79	cps
Barium	135-1	11297	11947	12248	11830	4.11	cps
Barium	137-1	21334	20825	21384	21181	1.46	cps
Beryllium	9-1	16812	17111	16974	16966	0.88	cps
Bismuth	209-1	1913218	1931816	1969397	1938144	1.48	cps
Bismuth	209-2	1282277	1283806	1263148	1276410	0.90	cps
Boron	10-1	5068	5214	5330	5204	2.52	cps
Boron	11-1	24620	25092	25908	25207	2.58	cps
Bromine	81-1	2883	3354	3013	3084	7.88	cps
Cadmium	111-1	12118	12144	12888	12384	3.53	cps
Cadmium	106-1	2717	2842	3142	2900	7.53	cps
Cadmium	108-1	1471	1433	1458	1454	1.31	cps
Calcium	43-1	759743	776565	775699	770669	1.23	cps
Calcium	44-1	12632816	12996489	12723657	12784321	1.48	cps
Chromium	52-2	35086	33947	33539	34191	2.35	cps
Cobalt	59-2	32450	31321	31672	31814	1.82	cps
Copper	63-2	32334	30646	31193	31391	2.74	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	50	8	42	33	66.15	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	13	3	23	13	75.02	cps
Holmium	165-1	3383378	3398048	3454419	3411949	1.10	cps
Holmium	165-2	1820757	1821107	1806003	1815956	0.47	cps
Indium	115-1	3314926	3347527	3345781	3336078	0.55	cps
Indium	115-2	581029	569904	573213	574715	0.99	cps
Iron	54-2	3616114	3497759	3485286	3533053	2.04	cps
Iron	56-2	64758445	63106144	63301882	63722157	1.42	cps
Iron	57-2	1610612	1619517	1613153	1614427	0.28	cps
Krypton	83-1	1857	1830	1867	1851	1.02	cps
Lead	206-1	33833	35332	36034	35066	3.20	cps
Lead	207-1	28593	28649	29695	28979	2.14	cps
Lead	208-1	133276	134136	137192	134868	1.53	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:19:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1798849	1808678	1863620	1823716	1.91	cps
Magnesium	24-2	5860876	5624669	5691412	5725652	2.13	cps
Manganese	55-2	11408	10801	10607	10939	3.82	cps
Molybdenum	94-1	1539206	1569940	1547961	1552369	1.02	cps
Molybdenum	95-1	2482314	2610861	2632508	2575228	3.15	cps
Molybdenum	96-1	2656786	2777403	2826112	2753434	3.17	cps
Molybdenum	97-1	1569873	1585359	1651592	1602275	2.71	cps
Molybdenum	98-1	4037736	4097453	4140208	4091799	1.26	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	10210	10124	10044	10126	0.82	cps
Phosphorus	31-2	133301	129635	130786	131240	1.43	cps
Potassium	39-2	4817722	4657792	4649417	4708310	2.01	cps
Rhodium	103-1	3197552	3160356	3184265	3180724	0.59	cps
Rhodium	103-2	1609155	1533315	1551745	1564738	2.53	cps
Scandium	45-1	2464698	2526847	2467307	2486284	1.41	cps
Scandium	45-2	95397	94313	93112	94274	1.21	cps
Selenium	82-1	834	850	670	785	12.66	cps
Selenium	77-2	37	23	40	33	26.47	cps
Selenium	78-2	149	163	147	153	5.70	cps
Silicon	28-1	1306095	1309783	1337665	1317848	1.31	cps
Silver	109-1	56525	55161	55856	55847	1.22	cps
Silver	107-1	59596	59746	60081	59808	0.42	cps
Sodium	23-2	12011935	11763686	11974067	11916563	1.12	cps
Strontium	86-1	79157	83190	82913	81754	2.76	cps
Strontium	88-1	674344	682191	685905	680813	0.87	cps
Sulfur	34-1	1514759	1521657	1503940	1513452	0.59	cps
Terbium	159-1	3641178	3622690	3740144	3668004	1.72	cps
Terbium	159-2	1847767	1807408	1821685	1825620	1.12	cps
Thallium	203-1	33878	33544	34722	34048	1.78	cps
Thallium	205-1	80115	81842	82236	81398	1.39	cps
Tin	118-1	103591	108185	104691	105489	2.27	cps
Titanium	47-1	828338	840183	840411	836311	0.83	cps
Uranium	238-1	264726	272938	271918	269861	1.66	cps
Vanadium	51-2	14117	14374	14230	14241	0.90	cps
Yttrium	89-1	6236006	6217474	6237400	6230294	0.18	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:19:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	758729	735929	743989	746215	1.55	cps
Zinc	66-2	4764	4748	4751	4754	0.19	cps
Zirconium	90-1	247819	252108	253066	250998	1.11	cps
Zirconium	91-1	55452	56841	56498	56264	1.29	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880488	876454	874932	877291	0.33	cps
Antimony	121-1	1208695	1231821	1238300	1226272	1.27	cps
Arsenic	75-2	49556	49291	49734	49527	0.45	cps
Barium	135-1	1266503	1290744	1272058	1276435	0.99	cps
Barium	137-1	2108660	2147963	2194049	2150224	1.99	cps
Beryllium	9-1	364576	376176	374799	371850	1.70	cps
Bismuth	209-1	1667475	1697167	1685374	1683339	0.89	cps
Bismuth	209-2	1158511	1162250	1168465	1163075	0.43	cps
Boron	10-1	25419	29367	31347	28711	10.51	cps
Boron	11-1	123549	139658	149762	137656	9.60	cps
Bromine	81-1	2973	2603	2733	2770	6.79	cps
Cadmium	111-1	257305	267301	264838	263148	1.98	cps
Cadmium	106-1	29465	29424	28822	29237	1.23	cps
Cadmium	108-1	20136	19547	20302	19995	1.98	cps
Calcium	43-1	1767108	1812816	1805993	1795306	1.37	cps
Calcium	44-1	29570305	30108966	30055887	29911720	0.99	cps
Chromium	52-2	403145	398903	398814	400287	0.62	cps
Cobalt	59-2	685279	683392	683615	684095	0.15	cps
Copper	63-2	4777778	4783522	4830940	4797413	0.61	cps
Dysprosium	156-1	67	117	67	83	34.64	cps
Dysprosium	156-2	67	57	27	50	41.63	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	175	100	67	114	48.72	cps
Gadolinium	160-2	43	50	60	51	16.42	cps
Holmium	165-1	3017756	3031092	3046915	3031921	0.48	cps
Holmium	165-2	1679047	1648448	1673447	1666981	0.98	cps
Indium	115-1	2864617	2933516	2931054	2909729	1.34	cps
Indium	115-2	516078	518486	516046	516870	0.27	cps
Iron	54-2	3919704	3885007	3884863	3896525	0.52	cps
Iron	56-2	71318329	69977671	70531768	70609256	0.95	cps
Iron	57-2	1824263	1785718	1779516	1796499	1.35	cps
Krypton	83-1	1753	1670	1840	1755	4.85	cps
Lead	206-1	3199415	3238608	3239990	3226005	0.71	cps
Lead	207-1	2885701	2951650	2940217	2925856	1.20	cps
Lead	208-1	12844354	13138413	13203968	13062245	1.47	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1654108	1682817	1685293	1674073	1.04	cps
Magnesium	24-2	13561984	13642433	13600659	13601692	0.30	cps
Manganese	55-2	1940671	1873010	1895123	1902935	1.81	cps
Molybdenum	94-1	2357441	2408733	2476453	2414209	2.47	cps
Molybdenum	95-1	2847595	2904029	2947950	2899858	1.73	cps
Molybdenum	96-1	3221786	3284992	3282813	3263197	1.10	cps
Molybdenum	97-1	1772883	1861440	1847179	1827167	2.60	cps
Molybdenum	98-1	4489178	4646976	4719638	4618597	2.55	cps
Neodymium	150-1	73	73	60	69	11.18	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	182319	180649	179974	180980	0.67	cps
Phosphorus	31-2	12981	12631	12889	12834	1.42	cps
Potassium	39-2	5417888	5417930	5331097	5388972	0.93	cps
Rhodium	103-1	2705068	2752937	2781529	2746512	1.41	cps
Rhodium	103-2	1415337	1438794	1433861	1429331	0.87	cps
Scandium	45-1	2214329	2215654	2185968	2205317	0.76	cps
Scandium	45-2	87158	87350	86673	87060	0.40	cps
Selenium	82-1	19644	19746	19947	19779	0.78	cps
Selenium	77-2	623	680	713	672	6.77	cps
Selenium	78-2	2353	2291	2299	2315	1.46	cps
Silicon	28-1	2263369	2469871	2609664	2447635	7.12	cps
Silver	109-1	1284760	1314633	1300540	1299978	1.15	cps
Silver	107-1	1347250	1396267	1373452	1372323	1.79	cps
Sodium	23-2	26689818	26557002	26748586	26665135	0.37	cps
Strontium	86-1	406099	411102	405355	407519	0.77	cps
Strontium	88-1	3383618	3425446	3392930	3400665	0.65	cps
Sulfur	34-1	627107	635170	633456	631911	0.67	cps
Terbium	159-1	3175303	3260208	3218225	3217912	1.32	cps
Terbium	159-2	1642049	1663043	1682402	1662498	1.21	cps
Thallium	203-1	748253	760525	765371	758049	1.16	cps
Thallium	205-1	1765743	1772358	1792841	1776980	0.80	cps
Tin	118-1	864599	879526	890240	878122	1.47	cps
Titanium	47-1	917482	926314	936986	926927	1.05	cps
Uranium	238-1	2189610	2204394	2286260	2226755	2.34	cps
Vanadium	51-2	333833	331027	331931	332264	0.43	cps
Yttrium	89-1	5537526	5455478	5549711	5514239	0.93	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:22:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	673465	684740	674685	677630	0.91	cps
Zinc	66-2	660260	653588	658932	657594	0.54	cps
Zirconium	90-1	2010092	2046464	2047998	2034852	1.05	cps
Zirconium	91-1	446719	460032	468475	458409	2.39	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:30:06 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399	442	390	410	6.85	cps
Antimony	121-1	75	67	50	64	19.92	cps
Arsenic	75-2	11	7	8	9	24.02	cps
Barium	135-1	42	50	25	39	32.73	cps
Barium	137-1	50	58	25	44	39.03	cps
Beryllium	9-1	168	118	114	133	22.57	cps
Bismuth	209-1	2018162	2076563	2026618	2040448	1.55	cps
Bismuth	209-2	1354275	1374106	1357002	1361794	0.79	cps
Boron	10-1	942	910	898	917	2.48	cps
Boron	11-1	4360	4174	4152	4228	2.70	cps
Bromine	81-1	2613	2473	2843	2643	7.08	cps
Cadmium	111-1	75	72	65	70	7.38	cps
Cadmium	106-1	1158	1242	1358	1253	8.02	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	267	285	259	270	4.94	cps
Calcium	44-1	18134	18013	17993	18047	0.42	cps
Chromium	52-2	797	723	653	724	9.89	cps
Cobalt	59-2	53	93	53	67	34.64	cps
Copper	63-2	762	750	655	722	8.11	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	3450311	3483470	3458763	3464181	0.50	cps
Holmium	165-2	1871264	1898995	1851260	1873840	1.28	cps
Indium	115-1	3294370	3519068	3450861	3421433	3.37	cps
Indium	115-2	595192	602711	594085	597329	0.79	cps
Iron	54-2	322	417	372	370	12.76	cps
Iron	56-2	4534	4562	4112	4403	5.73	cps
Iron	57-2	133	178	144	152	15.23	cps
Krypton	83-1	1933	1713	1667	1771	8.04	cps
Lead	206-1	344	411	422	393	10.71	cps
Lead	207-1	411	272	294	326	22.89	cps
Lead	208-1	1645	1367	1545	1519	9.27	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:30:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1865732	1899496	1855299	1873509	1.23	cps
Magnesium	24-2	842	1109	708	886	22.99	cps
Manganese	55-2	167	203	143	171	17.68	cps
Molybdenum	94-1	150	108	208	156	32.29	cps
Molybdenum	95-1	108	67	92	89	23.59	cps
Molybdenum	96-1	100	133	92	108	20.35	cps
Molybdenum	97-1	75	58	17	50	60.09	cps
Molybdenum	98-1	142	58	67	89	51.64	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	83	60	123	89	36.04	cps
Phosphorus	31-2	117	208	217	181	30.73	cps
Potassium	39-2	26867	26968	26775	26870	0.36	cps
Rhodium	103-1	3260794	3428038	3362029	3350287	2.51	cps
Rhodium	103-2	1711308	1726811	1685004	1707708	1.24	cps
Scandium	45-1	2518937	2503048	2509842	2510609	0.32	cps
Scandium	45-2	96917	98213	98666	97932	0.93	cps
Selenium	82-1	-217	39	80	-33	-490.36	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	59	42	42	48	20.60	cps
Silicon	28-1	1156749	1144338	1126556	1142548	1.33	cps
Silver	109-1	67	100	58	75	29.39	cps
Silver	107-1	67	75	83	75	11.11	cps
Sodium	23-2	41168	38744	38936	39616	3.40	cps
Strontium	86-1	2925	2809	2625	2786	5.43	cps
Strontium	88-1	167	117	150	144	17.62	cps
Sulfur	34-1	526989	531334	532428	530251	0.54	cps
Terbium	159-1	3685131	3767198	3699788	3717372	1.18	cps
Terbium	159-2	1891787	1882726	1835124	1869879	1.63	cps
Thallium	203-1	108	200	192	167	30.41	cps
Thallium	205-1	458	292	383	378	22.10	cps
Tin	118-1	475	417	475	456	7.39	cps
Titanium	47-1	342	392	333	356	8.87	cps
Uranium	238-1	50	17	17	28	69.27	cps
Vanadium	51-2	17	37	13	22	56.80	cps
Yttrium	89-1	6248519	6297948	6317234	6287900	0.56	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:30:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	776251	776992	769178	774140	0.56	cps
Zinc	66-2	203	170	203	192	10.01	cps
Zirconium	90-1	167	242	292	233	26.96	cps
Zirconium	91-1	50	67	33	50	33.34	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	901	837	757	832	8.66	cps
Antimony	121-1	5318	5226	5443	5329	2.04	cps
Arsenic	75-2	122	109	117	116	5.65	cps
Barium	135-1	5209	5635	5485	5443	3.96	cps
Barium	137-1	9445	9362	9695	9501	1.83	cps
Beryllium	9-1	956	968	956	960	0.72	cps
Bismuth	209-1	2028811	2013612	1947783	1996735	2.16	cps
Bismuth	209-2	1295974	1315694	1344773	1318814	1.86	cps
Boron	10-1	1678	2010	2092	1926	11.38	cps
Boron	11-1	7985	9013	9729	8909	9.84	cps
Bromine	81-1	2743	2323	2713	2593	9.05	cps
Cadmium	111-1	828	772	837	812	4.30	cps
Cadmium	106-1	1000	1142	1200	1114	9.23	cps
Cadmium	108-1	71	29	54	51	40.80	cps
Calcium	43-1	4020	4055	4046	4040	0.45	cps
Calcium	44-1	81116	83161	81858	82045	1.26	cps
Chromium	52-2	2350	2240	2330	2307	2.54	cps
Cobalt	59-2	1540	1490	1467	1499	2.50	cps
Copper	63-2	2884	2926	2783	2865	2.56	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	3315671	3333512	3374692	3341292	0.91	cps
Holmium	165-2	1766775	1846332	1845716	1819607	2.51	cps
Indium	115-1	3336753	3324268	3281742	3314254	0.87	cps
Indium	115-2	568332	572695	590105	577044	2.00	cps
Iron	54-2	2317	1989	2506	2271	11.52	cps
Iron	56-2	34876	35729	35043	35216	1.28	cps
Iron	57-2	844	983	1017	948	9.63	cps
Krypton	83-1	1657	1710	1813	1727	4.61	cps
Lead	206-1	1689	1878	1872	1813	5.93	cps
Lead	207-1	1489	1728	1456	1558	9.54	cps
Lead	208-1	6879	7679	7140	7232	5.64	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1848632	1869321	1834360	1850771	0.95	cps
Magnesium	24-2	29889	30265	30390	30182	0.86	cps
Manganese	55-2	430	553	517	500	12.67	cps
Molybdenum	94-1	5301	5426	5143	5290	2.69	cps
Molybdenum	95-1	6677	6685	6677	6680	0.07	cps
Molybdenum	96-1	7194	7069	7627	7297	4.02	cps
Molybdenum	97-1	4484	4026	3934	4148	7.11	cps
Molybdenum	98-1	10313	10646	9412	10123	6.31	cps
Neodymium	150-1	7	7	40	18	108.23	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	630	527	500	552	12.43	cps
Phosphorus	31-2	200	242	208	217	10.18	cps
Potassium	39-2	49577	49578	47997	49051	1.86	cps
Rhodium	103-1	3194989	3183111	3152228	3176776	0.69	cps
Rhodium	103-2	1633358	1633339	1676654	1647784	1.52	cps
Scandium	45-1	2464809	2424325	2404041	2431059	1.27	cps
Scandium	45-2	93864	93921	96910	94898	1.84	cps
Selenium	82-1	331	353	174	286	34.05	cps
Selenium	77-2	13	10	0	8	89.21	cps
Selenium	78-2	73	55	74	67	15.88	cps
Silicon	28-1	1181901	1142930	1188542	1171124	2.10	cps
Silver	109-1	2784	3175	3192	3050	7.58	cps
Silver	107-1	2434	2992	2800	2742	10.35	cps
Sodium	23-2	95806	97919	95419	96381	1.40	cps
Strontium	86-1	4167	3584	3559	3770	9.13	cps
Strontium	88-1	6927	8153	8119	7733	9.03	cps
Sulfur	34-1	530669	530869	531414	530984	0.07	cps
Terbium	159-1	3553996	3644323	3552405	3583575	1.47	cps
Terbium	159-2	1801467	1782025	1848774	1810755	1.90	cps
Thallium	203-1	1717	1759	1692	1722	1.96	cps
Thallium	205-1	5043	4251	4234	4509	10.25	cps
Tin	118-1	9537	9187	10121	9615	4.91	cps
Titanium	47-1	2159	2267	2392	2272	5.14	cps
Uranium	238-1	5001	4759	4776	4846	2.79	cps
Vanadium	51-2	3457	3497	3574	3509	1.69	cps
Yttrium	89-1	6156320	6010051	6222214	6129528	1.77	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:32:57	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	732905	735417	757319	741881	1.81	cps
Zinc	66-2	450	487	513	483	6.58	cps
Zirconium	90-1	4384	4618	4559	4520	2.69	cps
Zirconium	91-1	950	1075	858	961	11.32	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 14:57:40 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	539	499	529	5.09	cps
Antimony	121-1	667	558	625	617	8.86	cps
Arsenic	75-2	28	39	42	36	20.29	cps
Barium	135-1	650	750	742	714	7.77	cps
Barium	137-1	1192	1125	1150	1156	2.91	cps
Beryllium	9-1	260	216	252	243	9.66	cps
Bismuth	209-1	1749905	1740179	1731385	1740490	0.53	cps
Bismuth	209-2	1199363	1132169	1079810	1137114	5.27	cps
Boron	10-1	224	270	260	251	9.63	cps
Boron	11-1	1134	1168	1112	1138	2.48	cps
Bromine	81-1	2853	2553	2733	2713	5.57	cps
Cadmium	111-1	226	193	169	196	14.50	cps
Cadmium	106-1	933	1150	1117	1067	10.94	cps
Cadmium	108-1	21	29	38	29	28.58	cps
Calcium	43-1	377	415	377	390	5.55	cps
Calcium	44-1	19825	19612	19864	19767	0.69	cps
Chromium	52-2	997	993	1007	999	0.69	cps
Cobalt	59-2	387	397	397	393	1.47	cps
Copper	63-2	1098	1077	1167	1114	4.24	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	2970305	2971512	2931721	2957846	0.77	cps
Holmium	165-2	1692404	1586510	1496546	1591820	6.16	cps
Indium	115-1	2915884	2914360	2962812	2931019	0.94	cps
Indium	115-2	532215	505897	473113	503742	5.88	cps
Iron	54-2	683	744	917	782	15.48	cps
Iron	56-2	10888	10721	10726	10778	0.88	cps
Iron	57-2	267	339	306	304	11.90	cps
Krypton	83-1	1867	1833	1833	1845	1.04	cps
Lead	206-1	578	633	622	611	4.81	cps
Lead	207-1	394	383	528	435	18.47	cps
Lead	208-1	2167	2161	2156	2161	0.26	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:57:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1583803	1548114	1560264	1564060	1.16	cps
Magnesium	24-2	2184	2225	2267	2225	1.87	cps
Manganese	55-2	327	330	307	321	3.93	cps
Molybdenum	94-1	942	1275	1200	1139	15.35	cps
Molybdenum	95-1	1308	1358	1125	1264	9.72	cps
Molybdenum	96-1	1225	1617	1492	1445	13.85	cps
Molybdenum	97-1	708	975	783	822	16.73	cps
Molybdenum	98-1	1992	1708	1959	1886	8.21	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	263	220	240	9.11	cps
Phosphorus	31-2	200	92	258	183	46.13	cps
Potassium	39-2	25181	26358	25941	25826	2.31	cps
Rhodium	103-1	2847470	2866322	2877827	2863873	0.54	cps
Rhodium	103-2	1489325	1429064	1348240	1422210	4.98	cps
Scandium	45-1	2169590	2169032	2167999	2168874	0.04	cps
Scandium	45-2	86542	82249	77988	82259	5.20	cps
Selenium	82-1	52	7	68	42	73.97	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	56	42	51	50	14.29	cps
Silicon	28-1	1164625	1193666	1168876	1175722	1.33	cps
Silver	109-1	525	583	683	597	13.41	cps
Silver	107-1	667	642	583	631	6.78	cps
Sodium	23-2	37875	38451	36354	37560	2.88	cps
Strontium	86-1	2925	3092	3192	3070	4.39	cps
Strontium	88-1	2000	2150	2159	2103	4.24	cps
Sulfur	34-1	529707	531177	528711	529865	0.23	cps
Terbium	159-1	3186779	3198273	3239876	3208309	0.87	cps
Terbium	159-2	1672936	1601066	1491321	1588441	5.76	cps
Thallium	203-1	442	467	433	447	3.88	cps
Thallium	205-1	1083	1058	1142	1095	3.91	cps
Tin	118-1	650	633	492	592	14.70	cps
Titanium	47-1	533	642	683	619	12.50	cps
Uranium	238-1	942	958	950	950	0.88	cps
Vanadium	51-2	187	187	140	171	15.75	cps
Yttrium	89-1	5411297	5425926	5327954	5388392	0.98	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 14:57:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	683651	649323	611513	648162	5.57	cps
Zinc	66-2	217	200	193	203	5.91	cps
Zirconium	90-1	1200	1300	1200	1233	4.68	cps
Zirconium	91-1	200	275	242	239	15.73	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:00:34 DataFile Name : 025_SPK.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	550	461	512	8.94	cps
Antimony	121-1	667	692	642	667	3.75	cps
Arsenic	75-2	44	28	36	36	22.23	cps
Barium	135-1	617	675	708	667	6.96	cps
Barium	137-1	908	1083	1025	1006	8.86	cps
Beryllium	9-1	208	252	234	231	9.56	cps
Bismuth	209-1	1770294	1765455	1790395	1775381	0.74	cps
Bismuth	209-2	1198454	1220188	1178369	1199003	1.74	cps
Boron	10-1	196	236	264	232	14.73	cps
Boron	11-1	1028	1006	966	1000	3.14	cps
Bromine	81-1	2853	2673	2343	2623	9.87	cps
Cadmium	111-1	217	205	205	209	3.17	cps
Cadmium	106-1	1067	1050	1142	1086	4.50	cps
Cadmium	108-1	17	8	29	18	58.09	cps
Calcium	43-1	396	377	395	390	2.69	cps
Calcium	44-1	19815	20023	19833	19890	0.58	cps
Chromium	52-2	900	883	860	881	2.28	cps
Cobalt	59-2	407	393	403	401	1.73	cps
Copper	63-2	1200	1174	1187	1187	1.11	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	8	58	17	28	96.44	cps
Gadolinium	160-2	20	3	10	11	75.52	cps
Holmium	165-1	3022964	3014692	3021126	3019594	0.14	cps
Holmium	165-2	1659915	1640067	1681717	1660566	1.25	cps
Indium	115-1	3032961	2992085	2994972	3006672	0.76	cps
Indium	115-2	521930	526367	522751	523683	0.45	cps
Iron	54-2	1006	694	794	832	19.10	cps
Iron	56-2	11906	10599	10938	11147	6.08	cps
Iron	57-2	356	300	283	313	12.08	cps
Krypton	83-1	1827	1743	1970	1847	6.21	cps
Lead	206-1	478	644	639	587	16.13	cps
Lead	207-1	444	544	522	504	10.43	cps
Lead	208-1	2089	2261	2361	2237	6.16	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:00:34 DataFile Name : 025_SPK.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1645579	1586778	1602890	1611749	1.89	cps
Magnesium	24-2	2342	2167	1934	2147	9.54	cps
Manganese	55-2	330	343	293	322	8.04	cps
Molybdenum	94-1	1292	1083	1375	1250	12.02	cps
Molybdenum	95-1	1325	1383	1375	1361	2.32	cps
Molybdenum	96-1	1350	1275	1425	1350	5.56	cps
Molybdenum	97-1	767	992	733	831	16.92	cps
Molybdenum	98-1	2234	2050	1900	2061	8.10	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	227	190	207	8.98	cps
Phosphorus	31-2	233	208	200	214	8.11	cps
Potassium	39-2	26408	25573	25498	25827	1.96	cps
Rhodium	103-1	2891945	2897697	2892403	2894015	0.11	cps
Rhodium	103-2	1482975	1486533	1456980	1475496	1.09	cps
Scandium	45-1	2192217	2219700	2204703	2205540	0.62	cps
Scandium	45-2	85603	87169	84456	85743	1.59	cps
Selenium	82-1	140	216	-31	108	116.34	cps
Selenium	77-2	3	13	0	6	124.93	cps
Selenium	78-2	76	51	49	59	25.64	cps
Silicon	28-1	1129656	1138313	1172219	1146730	1.96	cps
Silver	109-1	692	667	700	686	2.53	cps
Silver	107-1	542	558	617	572	6.88	cps
Sodium	23-2	37090	38351	37098	37513	1.94	cps
Strontium	86-1	3067	3167	3084	3106	1.73	cps
Strontium	88-1	1942	1875	2050	1956	4.52	cps
Sulfur	34-1	532916	530122	532161	531733	0.27	cps
Terbium	159-1	3231526	3282834	3255744	3256701	0.79	cps
Terbium	159-2	1646817	1676218	1639104	1654046	1.18	cps
Thallium	203-1	508	500	342	450	20.87	cps
Thallium	205-1	1117	1108	1158	1128	2.38	cps
Tin	118-1	783	667	667	706	9.55	cps
Titanium	47-1	608	725	742	692	10.50	cps
Uranium	238-1	1058	1125	1167	1117	4.89	cps
Vanadium	51-2	203	207	160	190	13.70	cps
Yttrium	89-1	5673841	5561601	5643648	5626363	1.03	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:00:34	DataFile Name :	025_SPK.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	677581	675005	670712	674433	0.51	cps
Zinc	66-2	163	207	193	188	11.82	cps
Zirconium	90-1	1200	1175	1025	1133	8.35	cps
Zirconium	91-1	200	308	275	261	21.25	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:03:25 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	509	479	499	495	3.08	cps
Antimony	121-1	692	650	850	731	14.44	cps
Arsenic	75-2	34	28	28	30	11.55	cps
Barium	135-1	617	758	733	703	10.76	cps
Barium	137-1	1217	1200	1217	1211	0.79	cps
Beryllium	9-1	228	286	320	278	16.73	cps
Bismuth	209-1	1824649	1737714	1757489	1773284	2.57	cps
Bismuth	209-2	1194676	1168029	1196310	1186339	1.34	cps
Boron	10-1	196	202	252	217	14.19	cps
Boron	11-1	900	1000	942	947	5.30	cps
Bromine	81-1	2823	2683	2553	2686	5.03	cps
Cadmium	111-1	165	178	249	197	22.89	cps
Cadmium	106-1	1158	1083	1308	1183	9.68	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	421	485	512	473	9.90	cps
Calcium	44-1	19413	22628	24551	22198	11.69	cps
Chromium	52-2	963	957	900	940	3.70	cps
Cobalt	59-2	440	430	360	410	10.63	cps
Copper	63-2	1093	1103	1019	1071	4.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	33	25	83	47	66.82	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	3044428	2951580	3025343	3007117	1.63	cps
Holmium	165-2	1659204	1632323	1614713	1635413	1.37	cps
Indium	115-1	2984575	2956516	3003150	2981414	0.79	cps
Indium	115-2	520365	516228	523164	519919	0.67	cps
Iron	54-2	794	728	850	791	7.74	cps
Iron	56-2	10938	10882	10237	10686	3.64	cps
Iron	57-2	356	306	333	331	7.56	cps
Krypton	83-1	1787	1873	1750	1803	3.51	cps
Lead	206-1	561	1279	739	860	43.48	cps
Lead	207-1	561	772	633	656	16.37	cps
Lead	208-1	2422	3440	3050	2971	17.28	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:03:25 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1590418	1583834	1598459	1590904	0.46	cps
Magnesium	24-2	2100	2400	1942	2147	10.84	cps
Manganese	55-2	307	267	330	301	10.64	cps
Molybdenum	94-1	1192	1408	1292	1297	8.36	cps
Molybdenum	95-1	1167	1450	1700	1439	18.55	cps
Molybdenum	96-1	1208	1934	1675	1606	22.89	cps
Molybdenum	97-1	700	667	1192	853	34.47	cps
Molybdenum	98-1	2000	1892	2200	2031	7.70	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	263	197	240	233	14.50	cps
Phosphorus	31-2	167	258	167	197	26.83	cps
Potassium	39-2	25515	25607	26775	25966	2.71	cps
Rhodium	103-1	2960057	2859874	2906860	2908931	1.72	cps
Rhodium	103-2	1456394	1454040	1471462	1460632	0.65	cps
Scandium	45-1	2194533	2180904	2240472	2205303	1.42	cps
Scandium	45-2	84060	84302	86186	84850	1.37	cps
Selenium	82-1	226	-42	177	120	118.96	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	53	52	60	55	7.92	cps
Silicon	28-1	1149649	1162989	1164394	1159010	0.70	cps
Silver	109-1	650	583	658	631	6.52	cps
Silver	107-1	533	725	708	656	16.20	cps
Sodium	23-2	37499	37165	38176	37613	1.37	cps
Strontium	86-1	3084	2992	3284	3120	4.78	cps
Strontium	88-1	2059	2217	2142	2139	3.70	cps
Sulfur	34-1	533265	533727	532436	533142	0.12	cps
Terbium	159-1	3234382	3224858	3240201	3233147	0.24	cps
Terbium	159-2	1632986	1641737	1650797	1641840	0.54	cps
Thallium	203-1	600	533	450	528	14.24	cps
Thallium	205-1	1017	1033	1133	1061	5.95	cps
Tin	118-1	592	567	592	583	2.48	cps
Titanium	47-1	675	583	925	728	24.30	cps
Uranium	238-1	1017	1500	1208	1242	19.61	cps
Vanadium	51-2	197	143	223	188	21.69	cps
Yttrium	89-1	5570047	5442244	5535673	5515988	1.20	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:03:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	672838	664012	677292	671381	1.01	cps
Zinc	66-2	213	210	213	212	0.91	cps
Zirconium	90-1	1167	1392	1292	1283	8.78	cps
Zirconium	91-1	275	350	275	300	14.44	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:06:18 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	522	452	474	483	7.43	cps
Antimony	121-1	550	892	758	733	23.48	cps
Arsenic	75-2	42	32	23	32	29.40	cps
Barium	135-1	633	667	683	661	3.85	cps
Barium	137-1	1092	1258	933	1095	14.85	cps
Beryllium	9-1	268	288	288	281	4.11	cps
Bismuth	209-1	1703500	1692244	1849205	1748317	5.01	cps
Bismuth	209-2	1213747	1200804	1203644	1206065	0.56	cps
Boron	10-1	208	198	206	204	2.59	cps
Boron	11-1	852	912	924	896	4.31	cps
Bromine	81-1	2723	2613	2693	2676	2.13	cps
Cadmium	111-1	136	230	193	186	25.55	cps
Cadmium	106-1	1167	1192	1175	1178	1.08	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	402	427	407	412	3.21	cps
Calcium	44-1	19545	19954	19616	19705	1.11	cps
Chromium	52-2	1033	1000	1083	1039	4.04	cps
Cobalt	59-2	317	453	390	387	17.69	cps
Copper	63-2	1120	1012	1191	1108	8.12	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	42	50	0	31	87.67	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	2966160	2885387	3103178	2984908	3.69	cps
Holmium	165-2	1682150	1660144	1631395	1657896	1.54	cps
Indium	115-1	2915813	2834665	3056578	2935685	3.82	cps
Indium	115-2	533645	527356	524252	528418	0.91	cps
Iron	54-2	761	817	917	832	9.48	cps
Iron	56-2	10988	10621	9942	10517	5.04	cps
Iron	57-2	272	333	311	306	10.12	cps
Krypton	83-1	1810	1753	1823	1796	2.07	cps
Lead	206-1	561	572	567	567	0.98	cps
Lead	207-1	506	461	461	476	5.39	cps
Lead	208-1	2322	2289	2239	2283	1.84	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:06:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1557674	1533385	1674683	1588581	4.76	cps
Magnesium	24-2	2109	2100	1967	2059	3.86	cps
Manganese	55-2	307	300	277	294	5.35	cps
Molybdenum	94-1	1058	1200	1208	1156	7.30	cps
Molybdenum	95-1	1133	1208	1383	1242	10.33	cps
Molybdenum	96-1	1467	1475	1200	1381	11.33	cps
Molybdenum	97-1	717	717	850	761	10.11	cps
Molybdenum	98-1	1717	1884	2025	1875	8.23	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	243	183	190	206	16.00	cps
Phosphorus	31-2	158	175	208	181	14.10	cps
Potassium	39-2	26667	25457	26107	26077	2.32	cps
Rhodium	103-1	2877267	2772740	3056558	2902188	4.95	cps
Rhodium	103-2	1473305	1477868	1492138	1481104	0.66	cps
Scandium	45-1	2111165	2083181	2274469	2156272	4.79	cps
Scandium	45-2	86324	85663	85787	85925	0.41	cps
Selenium	82-1	74	149	151	125	35.22	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	56	43	59	53	16.16	cps
Silicon	28-1	1151609	1180748	1187487	1173282	1.63	cps
Silver	109-1	733	633	567	644	13.02	cps
Silver	107-1	608	600	817	675	18.19	cps
Sodium	23-2	37850	37917	36897	37555	1.52	cps
Strontium	86-1	3225	3150	3175	3184	1.20	cps
Strontium	88-1	1767	2200	2242	2070	12.71	cps
Sulfur	34-1	530852	526940	532590	530127	0.55	cps
Terbium	159-1	3141922	3067879	3399511	3203104	5.43	cps
Terbium	159-2	1646458	1644730	1651825	1647671	0.22	cps
Thallium	203-1	508	492	375	458	15.85	cps
Thallium	205-1	967	1050	1133	1050	7.94	cps
Tin	118-1	617	567	683	622	9.41	cps
Titanium	47-1	658	800	717	725	9.82	cps
Uranium	238-1	1042	1142	908	1031	11.36	cps
Vanadium	51-2	177	210	153	180	15.82	cps
Yttrium	89-1	5354358	5335515	5797888	5495920	4.76	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:06:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	682547	682462	683163	682724	0.06	cps
Zinc	66-2	203	163	207	191	12.62	cps
Zirconium	90-1	1125	1333	1258	1239	8.52	cps
Zirconium	91-1	317	242	250	269	15.26	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:09:10 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	464	527	549	513	8.62	cps
Antimony	121-1	575	667	683	642	9.09	cps
Arsenic	75-2	33	25	33	30	15.23	cps
Barium	135-1	675	608	625	636	5.46	cps
Barium	137-1	1108	1142	1233	1161	5.58	cps
Beryllium	9-1	274	244	270	263	6.20	cps
Bismuth	209-1	1697333	1771260	1736293	1734962	2.13	cps
Bismuth	209-2	1208053	1204564	1194802	1202473	0.57	cps
Boron	10-1	166	214	186	189	12.78	cps
Boron	11-1	824	860	810	831	3.10	cps
Bromine	81-1	3124	2623	2703	2817	9.55	cps
Cadmium	111-1	148	239	266	218	28.47	cps
Cadmium	106-1	1008	1033	1208	1083	10.06	cps
Cadmium	108-1	33	21	33	29	24.75	cps
Calcium	43-1	366	417	411	398	7.02	cps
Calcium	44-1	19430	19432	19641	19501	0.62	cps
Chromium	52-2	977	1017	1027	1007	2.63	cps
Cobalt	59-2	433	393	383	403	6.56	cps
Copper	63-2	1193	1031	1171	1132	7.77	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	25	67	17	36	74.18	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	2985227	2938659	2999536	2974474	1.07	cps
Holmium	165-2	1660105	1656805	1650431	1655780	0.30	cps
Indium	115-1	2910398	2956886	2931897	2933060	0.79	cps
Indium	115-2	527177	528524	524704	526802	0.37	cps
Iron	54-2	811	861	744	806	7.27	cps
Iron	56-2	11160	10960	10432	10851	3.47	cps
Iron	57-2	339	294	372	335	11.64	cps
Krypton	83-1	1653	1990	1713	1786	10.06	cps
Lead	206-1	550	583	656	596	9.05	cps
Lead	207-1	572	583	467	541	11.91	cps
Lead	208-1	2161	2417	2400	2326	6.15	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:09:10 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1559494	1598032	1617910	1591812	1.87	cps
Magnesium	24-2	2034	2200	1992	2075	5.31	cps
Manganese	55-2	280	290	313	294	5.81	cps
Molybdenum	94-1	1258	1100	1242	1200	7.25	cps
Molybdenum	95-1	1117	1183	1358	1220	10.24	cps
Molybdenum	96-1	1442	1483	1167	1364	12.62	cps
Molybdenum	97-1	658	733	783	725	8.68	cps
Molybdenum	98-1	1809	2017	2100	1975	7.61	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	207	177	203	196	8.41	cps
Phosphorus	31-2	167	167	158	164	2.93	cps
Potassium	39-2	25723	26525	25824	26024	1.68	cps
Rhodium	103-1	2825529	2801722	2885666	2837639	1.52	cps
Rhodium	103-2	1465329	1485404	1486160	1478965	0.80	cps
Scandium	45-1	2210995	2187181	2201020	2199732	0.54	cps
Scandium	45-2	84607	86773	84369	85250	1.55	cps
Selenium	82-1	176	-81	268	121	149.72	cps
Selenium	77-2	17	0	0	6	173.21	cps
Selenium	78-2	44	51	56	50	11.98	cps
Silicon	28-1	1181327	1158394	1192223	1177315	1.47	cps
Silver	109-1	775	608	650	678	12.80	cps
Silver	107-1	758	650	808	739	10.95	cps
Sodium	23-2	37373	38410	37006	37596	1.94	cps
Strontium	86-1	2934	2725	3275	2978	9.33	cps
Strontium	88-1	1825	2267	2209	2100	11.43	cps
Sulfur	34-1	534252	534608	537278	535379	0.31	cps
Terbium	159-1	3204309	3217592	3258021	3226641	0.87	cps
Terbium	159-2	1663998	1634988	1621371	1640119	1.33	cps
Thallium	203-1	525	325	450	433	23.32	cps
Thallium	205-1	1067	1258	975	1100	13.14	cps
Tin	118-1	642	733	592	656	10.96	cps
Titanium	47-1	567	692	767	675	14.97	cps
Uranium	238-1	1008	1042	1033	1028	1.69	cps
Vanadium	51-2	210	183	197	197	6.78	cps
Yttrium	89-1	5407017	5523636	5540527	5490393	1.32	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:09:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	679514	680583	671347	677148	0.75	cps
Zinc	66-2	217	237	173	209	15.50	cps
Zirconium	90-1	1275	1208	1250	1245	2.71	cps
Zirconium	91-1	242	217	217	225	6.41	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:12:04 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	490	581	536	8.51	cps
Antimony	121-1	658	492	575	575	14.49	cps
Arsenic	75-2	23	28	31	27	14.79	cps
Barium	135-1	583	533	508	542	7.05	cps
Barium	137-1	1167	975	1050	1064	9.08	cps
Beryllium	9-1	262	274	240	259	6.67	cps
Bismuth	209-1	1672261	1673888	1705497	1683882	1.11	cps
Bismuth	209-2	1183630	1191602	1236038	1203757	2.35	cps
Boron	10-1	202	194	170	189	8.83	cps
Boron	11-1	786	756	852	798	6.15	cps
Bromine	81-1	2553	2753	2643	2650	3.79	cps
Cadmium	111-1	174	184	173	177	3.41	cps
Cadmium	106-1	992	1075	1092	1053	5.09	cps
Cadmium	108-1	25	17	33	25	33.32	cps
Calcium	43-1	391	464	424	426	8.52	cps
Calcium	44-1	19561	19570	19700	19610	0.40	cps
Chromium	52-2	897	967	763	876	11.80	cps
Cobalt	59-2	397	383	410	397	3.36	cps
Copper	63-2	1034	1014	1067	1038	2.55	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	2829322	2939091	2925936	2898116	2.07	cps
Holmium	165-2	1650235	1641983	1696935	1663051	1.78	cps
Indium	115-1	2826971	2847359	2901899	2858743	1.36	cps
Indium	115-2	515241	524316	541420	526992	2.52	cps
Iron	54-2	861	867	806	844	4.00	cps
Iron	56-2	10760	10037	11021	10606	4.81	cps
Iron	57-2	283	228	283	265	12.11	cps
Krypton	83-1	1743	1960	1597	1767	10.35	cps
Lead	206-1	594	517	506	539	8.99	cps
Lead	207-1	539	461	539	513	8.75	cps
Lead	208-1	2289	2100	2256	2215	4.55	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L4214-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:12:04 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1514902	1569396	1577437	1553912	2.19	cps
Magnesium	24-2	1934	1875	1900	1903	1.54	cps
Manganese	55-2	323	260	260	281	13.01	cps
Molybdenum	94-1	1175	1367	1217	1253	8.05	cps
Molybdenum	95-1	1142	1308	1142	1197	8.04	cps
Molybdenum	96-1	1358	1250	1483	1364	8.56	cps
Molybdenum	97-1	808	733	825	789	6.19	cps
Molybdenum	98-1	1967	1767	1942	1892	5.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	193	177	173	12.61	cps
Phosphorus	31-2	142	242	217	200	26.02	cps
Potassium	39-2	25623	25774	25698	25698	0.29	cps
Rhodium	103-1	2815586	2813159	2841768	2823504	0.56	cps
Rhodium	103-2	1450842	1465996	1515359	1477399	2.28	cps
Scandium	45-1	2061543	2097243	2131561	2096782	1.67	cps
Scandium	45-2	83293	85797	88044	85711	2.77	cps
Selenium	82-1	139	-166	272	82	274.68	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	48	50	51	50	3.07	cps
Silicon	28-1	1185716	1174585	1174965	1178422	0.54	cps
Silver	109-1	633	583	633	617	4.68	cps
Silver	107-1	617	692	642	650	5.88	cps
Sodium	23-2	36655	37499	36413	36856	1.55	cps
Strontium	86-1	3009	3259	3400	3223	6.15	cps
Strontium	88-1	1775	2184	1950	1970	10.40	cps
Sulfur	34-1	535366	536445	536913	536241	0.15	cps
Terbium	159-1	3097337	3077331	3154248	3109639	1.28	cps
Terbium	159-2	1633452	1648551	1666785	1649596	1.01	cps
Thallium	203-1	508	467	350	442	18.58	cps
Thallium	205-1	1242	1117	1017	1125	10.02	cps
Tin	118-1	608	558	650	606	7.58	cps
Titanium	47-1	700	733	683	706	3.61	cps
Uranium	238-1	1033	1083	1058	1058	2.36	cps
Vanadium	51-2	137	190	163	163	16.33	cps
Yttrium	89-1	5201447	5391815	5445721	5346327	2.40	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:12:04	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	665705	674368	698651	679575	2.51	cps
Zinc	66-2	187	170	203	187	8.93	cps
Zirconium	90-1	1033	1058	1400	1164	17.60	cps
Zirconium	91-1	250	150	325	242	36.33	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:15:02 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	412	416	415	0.63	cps
Antimony	121-1	8	17	25	17	50.01	cps
Arsenic	75-2	8	8	8	8	0.00	cps
Barium	135-1	58	33	25	39	44.62	cps
Barium	137-1	33	67	42	47	36.74	cps
Beryllium	9-1	70	62	42	58	24.87	cps
Bismuth	209-1	1739907	1736913	1713252	1730024	0.84	cps
Bismuth	209-2	1197356	1184804	1182512	1188224	0.67	cps
Boron	10-1	166	162	156	161	3.12	cps
Boron	11-1	594	640	706	647	8.71	cps
Bromine	81-1	2563	2393	2683	2546	5.73	cps
Cadmium	111-1	60	50	55	55	9.10	cps
Cadmium	106-1	1075	958	1108	1047	7.52	cps
Cadmium	108-1	8	8	25	14	69.31	cps
Calcium	43-1	234	216	244	231	6.02	cps
Calcium	44-1	16523	16407	16234	16388	0.89	cps
Chromium	52-2	750	767	753	757	1.17	cps
Cobalt	59-2	67	53	47	56	18.33	cps
Copper	63-2	585	505	595	562	8.78	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	2975982	2965349	2983929	2975087	0.31	cps
Holmium	165-2	1677878	1637263	1607140	1640761	2.16	cps
Indium	115-1	2966734	2967609	2982474	2972272	0.30	cps
Indium	115-2	523420	521980	515103	520168	0.85	cps
Iron	54-2	328	367	344	346	5.63	cps
Iron	56-2	3084	3028	3117	3076	1.46	cps
Iron	57-2	111	106	133	117	12.60	cps
Krypton	83-1	1807	1750	1873	1810	3.41	cps
Lead	206-1	278	261	283	274	4.22	cps
Lead	207-1	206	261	172	213	21.09	cps
Lead	208-1	1094	1161	1050	1102	5.08	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:15:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1551349	1569032	1562562	1560981	0.57	cps
Magnesium	24-2	733	775	633	714	10.20	cps
Manganese	55-2	133	90	93	106	22.85	cps
Molybdenum	94-1	100	108	33	81	51.03	cps
Molybdenum	95-1	33	42	8	28	62.46	cps
Molybdenum	96-1	33	25	58	39	44.61	cps
Molybdenum	97-1	0	25	0	8	173.21	cps
Molybdenum	98-1	8	17	8	11	43.34	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	100	107	80	96	14.52	cps
Phosphorus	31-2	167	217	250	211	19.87	cps
Potassium	39-2	25248	26041	25924	25738	1.66	cps
Rhodium	103-1	2894864	2863047	2880508	2879473	0.55	cps
Rhodium	103-2	1490236	1497174	1452021	1479810	1.64	cps
Scandium	45-1	2205791	2149989	2119257	2158346	2.03	cps
Scandium	45-2	85838	84178	85583	85199	1.05	cps
Selenium	82-1	65	35	20	40	56.34	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	49	46	40	45	10.19	cps
Silicon	28-1	1152845	1161015	1167513	1160458	0.63	cps
Silver	109-1	33	17	25	25	33.32	cps
Silver	107-1	25	42	67	44	47.19	cps
Sodium	23-2	33890	33539	34107	33845	0.85	cps
Strontium	86-1	2925	3034	2650	2870	6.89	cps
Strontium	88-1	133	200	158	164	20.55	cps
Sulfur	34-1	538072	537477	536247	537265	0.17	cps
Terbium	159-1	3270184	3270672	3229791	3256882	0.72	cps
Terbium	159-2	1640824	1638874	1624841	1634846	0.53	cps
Thallium	203-1	75	100	42	72	40.52	cps
Thallium	205-1	117	150	100	122	20.83	cps
Tin	118-1	100	200	167	156	32.73	cps
Titanium	47-1	325	292	350	322	9.08	cps
Uranium	238-1	0	0	25	8	173.21	cps
Vanadium	51-2	10	27	13	17	52.93	cps
Yttrium	89-1	5496396	5503038	5419235	5472889	0.85	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:15:02	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675909	672736	666473	671706	0.71	cps
Zinc	66-2	57	70	63	63	10.52	cps
Zirconium	90-1	225	242	208	225	7.41	cps
Zirconium	91-1	33	33	50	39	24.75	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:17:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	392	361	360	9.40	cps
Antimony	121-1	17	50	8	25	88.19	cps
Arsenic	75-2	6	9	7	7	20.83	cps
Barium	135-1	33	0	33	22	86.60	cps
Barium	137-1	17	42	17	25	57.73	cps
Beryllium	9-1	64	46	60	57	16.68	cps
Bismuth	209-1	1763610	1768110	1734864	1755528	1.03	cps
Bismuth	209-2	1183505	1205886	1204346	1197913	1.04	cps
Boron	10-1	174	156	154	161	6.83	cps
Boron	11-1	626	708	688	674	6.34	cps
Bromine	81-1	2463	2693	2953	2703	9.08	cps
Cadmium	111-1	74	63	57	65	13.33	cps
Cadmium	106-1	1342	1183	1100	1208	10.16	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	224	231	222	226	2.10	cps
Calcium	44-1	16606	16566	16641	16605	0.23	cps
Chromium	52-2	810	820	750	793	4.77	cps
Cobalt	59-2	40	53	57	50	17.64	cps
Copper	63-2	582	438	522	514	14.04	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	67	25	47	44.41	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	50	8	8	22	108.27	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	2993372	2969169	3004041	2988861	0.60	cps
Holmium	165-2	1655983	1669584	1671967	1665845	0.52	cps
Indium	115-1	3001101	2974585	2907688	2961125	1.63	cps
Indium	115-2	519560	522296	528578	523478	0.88	cps
Iron	54-2	361	311	428	367	15.96	cps
Iron	56-2	3061	3000	2784	2949	4.95	cps
Iron	57-2	83	106	128	106	21.05	cps
Krypton	83-1	1917	1913	1717	1849	6.19	cps
Lead	206-1	283	233	256	257	9.73	cps
Lead	207-1	222	200	239	220	8.85	cps
Lead	208-1	1150	1033	1028	1070	6.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:17:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1624141	1584250	1592592	1600328	1.31	cps
Magnesium	24-2	592	692	700	661	9.12	cps
Manganese	55-2	130	93	117	113	16.38	cps
Molybdenum	94-1	58	158	92	103	49.54	cps
Molybdenum	95-1	42	25	17	28	45.82	cps
Molybdenum	96-1	58	58	42	53	18.23	cps
Molybdenum	97-1	0	0	0	0	0.00	cps
Molybdenum	98-1	8	17	33	19	65.47	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	133	80	100	29.06	cps
Phosphorus	31-2	200	200	183	194	4.95	cps
Potassium	39-2	24454	26191	24997	25214	3.52	cps
Rhodium	103-1	2950725	2861079	2894575	2902126	1.56	cps
Rhodium	103-2	1470421	1487601	1499839	1485954	0.99	cps
Scandium	45-1	2253028	2177653	2169367	2200016	2.10	cps
Scandium	45-2	84184	85455	85358	84999	0.83	cps
Selenium	82-1	-45	-102	222	25	697.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	38	34	40	18.04	cps
Silicon	28-1	1162269	1180362	1173202	1171944	0.78	cps
Silver	109-1	33	0	0	11	173.21	cps
Silver	107-1	25	67	67	53	45.58	cps
Sodium	23-2	34191	34124	34074	34129	0.17	cps
Strontium	86-1	2575	2734	2909	2739	6.09	cps
Strontium	88-1	167	150	183	167	10.00	cps
Sulfur	34-1	541364	543001	544328	542898	0.27	cps
Terbium	159-1	3330564	3226846	3141109	3232840	2.93	cps
Terbium	159-2	1674783	1665592	1689186	1676521	0.71	cps
Thallium	203-1	75	50	58	61	20.83	cps
Thallium	205-1	108	100	50	86	36.64	cps
Tin	118-1	217	167	167	183	15.75	cps
Titanium	47-1	192	242	358	264	32.41	cps
Uranium	238-1	0	0	8	3	173.21	cps
Vanadium	51-2	23	17	3	14	70.51	cps
Yttrium	89-1	5630021	5570473	5499790	5566761	1.17	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:17:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	663333	671692	681795	672273	1.38	cps
Zinc	66-2	53	27	30	37	39.62	cps
Zirconium	90-1	242	250	158	217	23.39	cps
Zirconium	91-1	25	33	100	53	77.89	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193282	192469	191123	192291	0.57	cps
Antimony	121-1	1265634	1333094	1323262	1307330	2.79	cps
Arsenic	75-2	52033	51618	51943	51865	0.42	cps
Barium	135-1	1313444	1347423	1365071	1341979	1.96	cps
Barium	137-1	2224858	2280054	2308120	2271011	1.87	cps
Beryllium	9-1	384308	400094	402425	395609	2.49	cps
Bismuth	209-1	1823957	1835234	1843321	1834171	0.53	cps
Bismuth	209-2	1243597	1253973	1244918	1247496	0.45	cps
Boron	10-1	22459	27212	29700	26457	13.91	cps
Boron	11-1	109256	128621	142845	126907	13.29	cps
Bromine	81-1	2963	2573	2743	2760	7.09	cps
Cadmium	111-1	276489	286800	284664	282651	1.93	cps
Cadmium	106-1	30635	31737	32514	31629	2.99	cps
Cadmium	108-1	20949	21688	21717	21452	2.03	cps
Calcium	43-1	358123	370246	376226	368198	2.51	cps
Calcium	44-1	6013979	6146217	6172439	6110878	1.39	cps
Chromium	52-2	413452	409637	411048	411379	0.47	cps
Cobalt	59-2	712570	716912	710599	713360	0.45	cps
Copper	63-2	5124479	5166082	5044003	5111521	1.21	cps
Dysprosium	156-1	58	25	42	42	40.00	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	25	58	67	50	44.10	cps
Gadolinium	160-2	23	23	23	23	0.00	cps
Holmium	165-1	3180581	3232970	3153206	3188919	1.27	cps
Holmium	165-2	1702321	1761174	1706912	1723469	1.90	cps
Indium	115-1	3105993	3075810	3116879	3099560	0.69	cps
Indium	115-2	542896	546464	543191	544183	0.36	cps
Iron	54-2	868849	861491	862942	864427	0.45	cps
Iron	56-2	15500524	15319906	15516627	15445686	0.71	cps
Iron	57-2	389110	391500	388802	389804	0.38	cps
Krypton	83-1	1883	1870	1823	1859	1.69	cps
Lead	206-1	3373811	3529538	3524170	3475840	2.54	cps
Lead	207-1	3104951	3176212	3186282	3155815	1.40	cps
Lead	208-1	13706239	14203967	14244665	14051624	2.13	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1702840	1609308	1676004	1662717	2.90	cps
Magnesium	24-2	2948578	2962787	2922606	2944657	0.69	cps
Manganese	55-2	1984696	1953020	1999847	1979188	1.21	cps
Molybdenum	94-1	2452956	2524242	2530117	2502439	1.72	cps
Molybdenum	95-1	2989169	3058147	3096681	3047999	1.79	cps
Molybdenum	96-1	3273853	3375693	3426162	3358569	2.31	cps
Molybdenum	97-1	1876092	1874683	1913200	1887992	1.16	cps
Molybdenum	98-1	4768743	4861461	4927675	4852626	1.65	cps
Neodymium	150-1	40	40	60	47	24.74	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	191465	191136	187941	190180	1.02	cps
Phosphorus	31-2	13165	13073	12948	13062	0.83	cps
Potassium	39-2	1201865	1189650	1203154	1198223	0.62	cps
Rhodium	103-1	2936895	2985867	2939746	2954169	0.93	cps
Rhodium	103-2	1544131	1520782	1495709	1520207	1.59	cps
Scandium	45-1	2285755	2322222	2280008	2295995	1.00	cps
Scandium	45-2	89567	89600	89724	89631	0.09	cps
Selenium	82-1	20297	20678	21364	20779	2.60	cps
Selenium	77-2	660	683	693	679	2.52	cps
Selenium	78-2	2526	2355	2389	2424	3.74	cps
Silicon	28-1	2189270	2356206	2456068	2333848	5.78	cps
Silver	109-1	1351205	1394143	1423189	1389512	2.61	cps
Silver	107-1	1428866	1477556	1477917	1461447	1.93	cps
Sodium	23-2	5709864	5829084	5685176	5741375	1.34	cps
Strontium	86-1	399898	429093	420581	416524	3.60	cps
Strontium	88-1	3357828	3557327	3505386	3473514	2.98	cps
Sulfur	34-1	668168	672159	674478	671602	0.48	cps
Terbium	159-1	3353462	3399638	3437753	3396951	1.24	cps
Terbium	159-2	1723042	1757756	1765894	1748898	1.30	cps
Thallium	203-1	776073	818385	813966	802808	2.90	cps
Thallium	205-1	1853542	1931823	1950943	1912102	2.70	cps
Tin	118-1	888200	935874	942434	922169	3.21	cps
Titanium	47-1	938578	966918	957914	954470	1.52	cps
Uranium	238-1	2315737	2330824	2347915	2331492	0.69	cps
Vanadium	51-2	343363	343216	337949	341509	0.90	cps
Yttrium	89-1	5718726	5742277	5690125	5717043	0.46	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:20:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	702505	709645	695458	702536	1.01	cps
Zinc	66-2	699348	694544	692935	695609	0.48	cps
Zirconium	90-1	2056343	2126729	2099087	2094053	1.69	cps
Zirconium	91-1	462841	477401	484305	474849	2.31	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	889335	894324	886935	890198	0.42	cps
Antimony	121-1	1195419	1261012	1267793	1241408	3.22	cps
Arsenic	75-2	49955	50011	50020	49995	0.07	cps
Barium	135-1	1244031	1297023	1311045	1284033	2.75	cps
Barium	137-1	2094085	2224235	2274813	2197711	4.24	cps
Beryllium	9-1	374066	390353	397449	387289	3.10	cps
Bismuth	209-1	1731398	1650840	1609284	1663840	3.73	cps
Bismuth	209-2	1182594	1169806	1168723	1173708	0.66	cps
Boron	10-1	29778	33115	35534	32809	8.81	cps
Boron	11-1	143193	159182	170764	157713	8.78	cps
Bromine	81-1	2603	2713	2873	2730	4.98	cps
Cadmium	111-1	258145	264530	273858	265511	2.98	cps
Cadmium	106-1	29916	30643	30977	30512	1.78	cps
Cadmium	108-1	19289	20816	20574	20226	4.06	cps
Calcium	43-1	1732181	1830187	1870818	1811062	3.94	cps
Calcium	44-1	28926162	29985224	30918558	29943315	3.33	cps
Chromium	52-2	401582	399375	397869	399608	0.47	cps
Cobalt	59-2	684109	687228	689655	686997	0.40	cps
Copper	63-2	4807758	4854425	4791899	4818027	0.67	cps
Dysprosium	156-1	125	25	125	92	62.98	cps
Dysprosium	156-2	50	57	50	52	7.37	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	150	92	167	136	28.93	cps
Gadolinium	160-2	53	67	50	57	15.57	cps
Holmium	165-1	3177157	2863923	2869294	2970125	6.04	cps
Holmium	165-2	1694994	1672896	1683848	1683913	0.66	cps
Indium	115-1	3038406	2742782	2725738	2835642	6.20	cps
Indium	115-2	519397	512457	517851	516568	0.71	cps
Iron	54-2	3875160	3894310	3971468	3913646	1.30	cps
Iron	56-2	71106815	70652222	70260528	70673189	0.60	cps
Iron	57-2	1779401	1808381	1789089	1792290	0.82	cps
Krypton	83-1	1857	2067	1760	1895	8.28	cps
Lead	206-1	3234464	3402131	3373831	3336809	2.69	cps
Lead	207-1	2858354	3001585	3028024	2962654	3.08	cps
Lead	208-1	12882251	13603779	13617870	13367966	3.15	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1653463	1555333	1527716	1578838	4.19	cps
Magnesium	24-2	13636074	13719985	13533390	13629816	0.69	cps
Manganese	55-2	1900361	1881291	1868652	1883435	0.85	cps
Molybdenum	94-1	2334327	2470452	2497021	2433933	3.59	cps
Molybdenum	95-1	2797515	2999044	2952678	2916412	3.62	cps
Molybdenum	96-1	3125031	3310388	3351137	3262185	3.69	cps
Molybdenum	97-1	1746953	1870371	1852707	1823344	3.66	cps
Molybdenum	98-1	4444042	4719378	4766896	4643439	3.75	cps
Neodymium	150-1	67	67	53	62	12.38	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	182319	182002	179309	181210	0.91	cps
Phosphorus	31-2	12823	13290	12981	13031	1.82	cps
Potassium	39-2	5414875	5376112	5391674	5394220	0.36	cps
Rhodium	103-1	2881424	2664700	2640948	2729024	4.86	cps
Rhodium	103-2	1439663	1424055	1431383	1431701	0.55	cps
Scandium	45-1	2255190	2098680	2054694	2136188	4.93	cps
Scandium	45-2	86330	85291	85683	85768	0.61	cps
Selenium	82-1	19385	19527	20293	19735	2.47	cps
Selenium	77-2	650	783	683	706	9.83	cps
Selenium	78-2	2272	2335	2300	2303	1.37	cps
Silicon	28-1	2281566	2515398	2650088	2482351	7.51	cps
Silver	109-1	1271315	1321948	1328611	1307291	2.40	cps
Silver	107-1	1332172	1385257	1413943	1377124	3.01	cps
Sodium	23-2	26947307	26556882	26801155	26768448	0.74	cps
Strontium	86-1	390887	404332	414504	403241	2.94	cps
Strontium	88-1	3299685	3411847	3455753	3389095	2.37	cps
Sulfur	34-1	655081	657465	660773	657773	0.43	cps
Terbium	159-1	3201363	3095150	2993257	3096590	3.36	cps
Terbium	159-2	1683271	1675275	1646722	1668423	1.15	cps
Thallium	203-1	739692	784560	784191	769481	3.35	cps
Thallium	205-1	1761712	1856075	1812531	1810106	2.61	cps
Tin	118-1	863699	889445	913285	888810	2.79	cps
Titanium	47-1	899438	926722	948838	924999	2.68	cps
Uranium	238-1	2168100	2293591	2334371	2265354	3.83	cps
Vanadium	51-2	334261	329883	331864	332003	0.66	cps
Yttrium	89-1	5709674	5336220	5153642	5399845	5.25	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:23:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678030	673688	677776	676498	0.36	cps
Zinc	66-2	659730	661204	656607	659180	0.36	cps
Zirconium	90-1	1966816	2092188	2116609	2058538	3.90	cps
Zirconium	91-1	446370	472011	469579	462653	3.06	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:31:35 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385	366	395	382	3.82	cps
Antimony	121-1	150	150	117	139	13.86	cps
Arsenic	75-2	12	6	4	7	56.77	cps
Barium	135-1	108	67	25	67	62.50	cps
Barium	137-1	83	42	83	69	34.64	cps
Beryllium	9-1	196	182	110	163	28.37	cps
Bismuth	209-1	2123046	2036621	2026801	2062156	2.57	cps
Bismuth	209-2	1366768	1337854	1328211	1344277	1.49	cps
Boron	10-1	1218	1186	1180	1194	1.71	cps
Boron	11-1	5784	5710	5172	5555	6.01	cps
Bromine	81-1	2633	2743	2463	2613	5.41	cps
Cadmium	111-1	66	67	65	66	1.59	cps
Cadmium	106-1	1117	1175	1183	1158	3.14	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	310	252	260	274	11.40	cps
Calcium	44-1	18219	17348	17038	17535	3.49	cps
Chromium	52-2	750	683	710	714	4.70	cps
Cobalt	59-2	83	40	60	61	35.49	cps
Copper	63-2	787	702	701	730	6.77	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	8	33	50	31	68.64	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	3598214	3482894	3478875	3519994	1.93	cps
Holmium	165-2	1872842	1854768	1822516	1850042	1.38	cps
Indium	115-1	3481503	3451007	3377851	3436787	1.55	cps
Indium	115-2	586951	579930	576472	581118	0.92	cps
Iron	54-2	367	300	328	331	10.10	cps
Iron	56-2	3523	3595	3739	3619	3.05	cps
Iron	57-2	117	72	106	98	23.57	cps
Krypton	83-1	1710	1723	1917	1783	6.49	cps
Lead	206-1	489	472	500	487	2.87	cps
Lead	207-1	506	428	428	454	9.90	cps
Lead	208-1	1983	1839	1850	1891	4.25	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:31:35	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1865597	1835484	1779772	1826951	2.38	cps
Magnesium	24-2	775	792	750	772	2.72	cps
Manganese	55-2	207	140	177	174	19.14	cps
Molybdenum	94-1	208	150	117	158	29.30	cps
Molybdenum	95-1	233	133	42	136	70.43	cps
Molybdenum	96-1	275	108	67	150	73.49	cps
Molybdenum	97-1	175	83	25	94	80.07	cps
Molybdenum	98-1	392	150	50	197	89.07	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	113	117	113	114	1.68	cps
Phosphorus	31-2	233	200	142	192	24.21	cps
Potassium	39-2	26216	26208	25632	26018	1.29	cps
Rhodium	103-1	3366849	3300229	3257994	3308357	1.66	cps
Rhodium	103-2	1674734	1654927	1598239	1642633	2.42	cps
Scandium	45-1	2654299	2532190	2503843	2563444	3.12	cps
Scandium	45-2	95417	94877	92871	94388	1.42	cps
Selenium	82-1	194	91	-77	69	197.31	cps
Selenium	77-2	13	3	13	10	57.75	cps
Selenium	78-2	47	44	39	43	9.33	cps
Silicon	28-1	1141635	1122629	1129300	1131188	0.85	cps
Silver	109-1	42	33	33	36	13.33	cps
Silver	107-1	58	92	67	72	24.02	cps
Sodium	23-2	36329	36404	36713	36482	0.56	cps
Strontium	86-1	2909	2842	2959	2903	2.02	cps
Strontium	88-1	442	142	150	244	69.89	cps
Sulfur	34-1	535677	540922	539306	538635	0.50	cps
Terbium	159-1	3839688	3689577	3586111	3705125	3.44	cps
Terbium	159-2	1860278	1850354	1854885	1855172	0.27	cps
Thallium	203-1	275	192	242	236	17.77	cps
Thallium	205-1	525	625	492	547	12.68	cps
Tin	118-1	492	417	467	458	8.33	cps
Titanium	47-1	383	392	325	367	9.91	cps
Uranium	238-1	100	42	8	50	92.80	cps
Vanadium	51-2	13	27	17	19	36.75	cps
Yttrium	89-1	6470292	6322810	6194499	6329200	2.18	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:31:35	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	759915	744251	738713	747627	1.47	cps
Zinc	66-2	193	140	163	166	16.15	cps
Zirconium	90-1	358	233	208	267	30.14	cps
Zirconium	91-1	83	33	42	53	50.76	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PBW01 Instrumnet Name : P8
 Client Sample ID : PBW01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:37:23 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366	414	394	391	6.10	cps
Antimony	121-1	42	58	58	53	18.23	cps
Arsenic	75-2	12	9	5	9	40.52	cps
Barium	135-1	33	50	42	42	20.00	cps
Barium	137-1	67	75	67	69	6.93	cps
Beryllium	9-1	114	112	114	113	1.02	cps
Bismuth	209-1	1718356	1737783	1710996	1722378	0.80	cps
Bismuth	209-2	1182910	1207104	1226857	1205624	1.83	cps
Boron	10-1	650	746	646	681	8.32	cps
Boron	11-1	3438	3230	3288	3318	3.23	cps
Bromine	81-1	2863	2763	2523	2716	6.44	cps
Cadmium	111-1	56	56	70	61	13.50	cps
Cadmium	106-1	967	1000	1200	1056	11.96	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	222	186	232	214	11.38	cps
Calcium	44-1	16372	16341	16407	16374	0.20	cps
Chromium	52-2	797	827	883	836	5.27	cps
Cobalt	59-2	67	70	77	71	7.16	cps
Copper	63-2	838	698	754	763	9.24	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	20	10	3	11	75.52	cps
Holmium	165-1	2985587	3018711	2975874	2993390	0.75	cps
Holmium	165-2	1649906	1639223	1704061	1664397	2.09	cps
Indium	115-1	2916853	2940178	2915614	2924215	0.47	cps
Indium	115-2	518440	525687	537875	527334	1.86	cps
Iron	54-2	306	344	389	346	12.04	cps
Iron	56-2	3345	3595	3350	3430	4.16	cps
Iron	57-2	167	172	72	137	41.01	cps
Krypton	83-1	1803	1903	1767	1825	3.88	cps
Lead	206-1	433	306	383	374	17.21	cps
Lead	207-1	367	311	294	324	11.67	cps
Lead	208-1	1561	1361	1350	1424	8.34	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:37:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1575284	1571352	1589909	1578848	0.62	cps
Magnesium	24-2	725	742	692	719	3.54	cps
Manganese	55-2	137	197	120	151	26.68	cps
Molybdenum	94-1	92	67	100	86	20.14	cps
Molybdenum	95-1	25	17	42	28	45.82	cps
Molybdenum	96-1	42	83	133	86	53.30	cps
Molybdenum	97-1	8	0	17	8	100.02	cps
Molybdenum	98-1	83	42	33	53	50.76	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	87	120	100	17.64	cps
Phosphorus	31-2	167	167	167	167	0.00	cps
Potassium	39-2	25331	25006	25990	25442	1.97	cps
Rhodium	103-1	2880864	2896238	2844042	2873715	0.93	cps
Rhodium	103-2	1469786	1464356	1495293	1476479	1.12	cps
Scandium	45-1	2162545	2177639	2203294	2181159	0.94	cps
Scandium	45-2	85321	85563	87082	85989	1.11	cps
Selenium	82-1	79	-29	47	32	172.46	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	44	33	42	40	14.77	cps
Silicon	28-1	1154478	1166019	1183962	1168153	1.27	cps
Silver	109-1	25	50	42	39	32.73	cps
Silver	107-1	25	75	100	67	57.28	cps
Sodium	23-2	36630	34617	35252	35499	2.90	cps
Strontium	86-1	2867	2975	3025	2956	2.74	cps
Strontium	88-1	208	67	200	158	50.21	cps
Sulfur	34-1	526913	524555	528066	526512	0.34	cps
Terbium	159-1	3211177	3279021	3194224	3228141	1.39	cps
Terbium	159-2	1672627	1654186	1699999	1675604	1.38	cps
Thallium	203-1	42	133	142	106	52.56	cps
Thallium	205-1	183	208	192	194	6.55	cps
Tin	118-1	100	142	142	128	18.83	cps
Titanium	47-1	333	342	375	350	6.30	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	13	27	10	17	52.93	cps
Yttrium	89-1	5423696	5553467	5425729	5467631	1.36	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:37:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	670914	679197	687295	679135	1.21	cps
Zinc	66-2	57	63	67	62	8.18	cps
Zirconium	90-1	200	233	192	208	10.58	cps
Zirconium	91-1	92	75	42	69	36.66	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P8
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:40:14 DataFile Name : 036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196518	197083	192145	195249	1.38	cps
Antimony	121-1	1299180	1325473	1315795	1313483	1.01	cps
Arsenic	75-2	52247	53062	51904	52404	1.14	cps
Barium	135-1	1320155	1362930	1349900	1344328	1.63	cps
Barium	137-1	2222857	2323600	2332461	2292973	2.66	cps
Beryllium	9-1	394360	400795	401657	398938	1.00	cps
Bismuth	209-1	1854886	1863104	1863112	1860368	0.26	cps
Bismuth	209-2	1254125	1001321	1199367	1151604	11.55	cps
Boron	10-1	23720	27594	30411	27242	12.33	cps
Boron	11-1	117433	132840	146972	132415	11.16	cps
Bromine	81-1	2793	2903	2613	2770	5.29	cps
Cadmium	111-1	280936	289462	289492	286630	1.72	cps
Cadmium	106-1	32005	33174	31737	32305	2.37	cps
Cadmium	108-1	21588	21350	21876	21605	1.22	cps
Calcium	43-1	368560	374502	377943	373668	1.27	cps
Calcium	44-1	6085276	6343229	6224968	6217825	2.08	cps
Chromium	52-2	417312	423397	410014	416907	1.61	cps
Cobalt	59-2	718766	733128	710257	720717	1.60	cps
Copper	63-2	5192967	5133212	5083694	5136625	1.07	cps
Dysprosium	156-1	75	50	50	58	24.74	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	3	33	16	101.28	cps
Gadolinium	160-1	0	42	108	50	109.29	cps
Gadolinium	160-2	20	37	10	22	60.63	cps
Holmium	165-1	3192547	3196602	3189285	3192812	0.11	cps
Holmium	165-2	1769701	1387553	1689591	1615615	12.47	cps
Indium	115-1	3141533	3166848	3104461	3137614	1.00	cps
Indium	115-2	553067	436022	529108	506066	12.22	cps
Iron	54-2	875086	884338	863801	874408	1.18	cps
Iron	56-2	15740014	15713575	15484907	15646165	0.90	cps
Iron	57-2	393311	396075	389066	392817	0.90	cps
Krypton	83-1	1903	1770	1863	1846	3.71	cps
Lead	206-1	3409926	3502935	3462164	3458342	1.35	cps
Lead	207-1	3096027	3159507	3119247	3124927	1.03	cps
Lead	208-1	13850871	14170335	13918681	13979962	1.20	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:40:14	DataFile Name :	036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1672592	1683795	1653838	1670075	0.91	cps
Magnesium	24-2	2980909	3032577	2910793	2974759	2.05	cps
Manganese	55-2	1986289	2027854	2001769	2005304	1.05	cps
Molybdenum	94-1	2468239	2559090	2516347	2514558	1.81	cps
Molybdenum	95-1	3007134	3145652	3039974	3064253	2.36	cps
Molybdenum	96-1	3409839	3469300	3373869	3417669	1.41	cps
Molybdenum	97-1	1911179	1934044	1910976	1918733	0.69	cps
Molybdenum	98-1	4863681	4908445	4892422	4888182	0.46	cps
Neodymium	150-1	73	40	60	58	29.04	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	193836	193810	191235	192960	0.77	cps
Phosphorus	31-2	13582	14057	13465	13701	2.29	cps
Potassium	39-2	1214203	1228885	1210652	1217913	0.79	cps
Rhodium	103-1	3020975	2999119	2987818	3002638	0.56	cps
Rhodium	103-2	1540081	1211523	1487570	1413058	12.49	cps
Scandium	45-1	2301994	2371579	2367477	2347016	1.66	cps
Scandium	45-2	90909	73096	87028	83678	11.19	cps
Selenium	82-1	20747	21702	21707	21385	2.59	cps
Selenium	77-2	727	727	640	698	7.17	cps
Selenium	78-2	2421	2419	2470	2437	1.19	cps
Silicon	28-1	2191990	2311172	2413970	2305710	4.82	cps
Silver	109-1	1369074	1402825	1419888	1397262	1.85	cps
Silver	107-1	1461727	1487671	1486515	1478638	0.99	cps
Sodium	23-2	5852382	5891485	5720788	5821552	1.54	cps
Strontium	86-1	419485	425329	429943	424919	1.23	cps
Strontium	88-1	3538115	3601135	3547574	3562275	0.95	cps
Sulfur	34-1	663381	662747	660920	662349	0.19	cps
Terbium	159-1	3409307	3444855	3468350	3440837	0.86	cps
Terbium	159-2	1812219	1403567	1679893	1631893	12.78	cps
Thallium	203-1	798295	813290	820914	810833	1.42	cps
Thallium	205-1	1883414	1944908	1928126	1918816	1.66	cps
Tin	118-1	927127	936674	929034	930945	0.54	cps
Titanium	47-1	955122	997111	991106	981113	2.31	cps
Uranium	238-1	2269113	2335159	2346854	2317042	1.81	cps
Vanadium	51-2	342944	349249	341882	344692	1.16	cps
Yttrium	89-1	5858386	5880050	5873474	5870637	0.19	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:40:14	DataFile Name :	036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	720246	570920	689012	660059	11.93	cps
Zinc	66-2	708702	716948	693718	706456	1.67	cps
Zirconium	90-1	2073378	2136802	2149763	2119981	1.93	cps
Zirconium	91-1	468258	485322	481428	478336	1.87	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : LCSW01 Instrumnet Name : P8
 Client Sample ID : LCSW01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:43:10 DataFile Name : 037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193131	191268	191892	192097	0.49	cps
Antimony	121-1	1259452	1282718	1299637	1280603	1.58	cps
Arsenic	75-2	51547	51923	52023	51831	0.48	cps
Barium	135-1	1292605	1320738	1318505	1310616	1.19	cps
Barium	137-1	2232625	2298945	2238347	2256639	1.63	cps
Beryllium	9-1	385811	394469	393260	391180	1.20	cps
Bismuth	209-1	1806832	1830301	1819972	1819035	0.65	cps
Bismuth	209-2	1235191	1229678	1236121	1233663	0.28	cps
Boron	10-1	27376	30465	33058	30300	9.39	cps
Boron	11-1	132210	146842	158924	145992	9.16	cps
Bromine	81-1	2833	2823	2763	2807	1.35	cps
Cadmium	111-1	275255	280201	281650	279035	1.20	cps
Cadmium	106-1	31545	31996	32146	31896	0.98	cps
Cadmium	108-1	21100	21233	20820	21051	1.00	cps
Calcium	43-1	359029	369005	370030	366021	1.66	cps
Calcium	44-1	6051318	5962098	6239496	6084304	2.33	cps
Chromium	52-2	411768	412614	409011	411131	0.46	cps
Cobalt	59-2	712386	718296	717044	715909	0.44	cps
Copper	63-2	5077908	5160545	4991901	5076785	1.66	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	13	7	33	18	78.05	cps
Holmium	165-1	3088148	3124209	3186925	3133094	1.60	cps
Holmium	165-2	1770874	1734299	1707958	1737711	1.82	cps
Indium	115-1	3074684	3052532	3065704	3064307	0.36	cps
Indium	115-2	543599	541811	541350	542253	0.22	cps
Iron	54-2	866796	869118	861721	865878	0.44	cps
Iron	56-2	15591310	15542825	15326221	15486785	0.91	cps
Iron	57-2	387146	389847	387693	388229	0.37	cps
Krypton	83-1	1750	1850	1973	1858	6.02	cps
Lead	206-1	3387053	3417879	3448073	3417668	0.89	cps
Lead	207-1	3094763	3109236	3035784	3079928	1.26	cps
Lead	208-1	13746897	13720762	13755573	13741078	0.13	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:43:10	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1623340	1631859	1668161	1641120	1.45	cps
Magnesium	24-2	2950259	2889900	2877923	2906027	1.33	cps
Manganese	55-2	1986672	1977751	1990721	1985048	0.33	cps
Molybdenum	94-1	2456809	2524386	2516522	2499239	1.48	cps
Molybdenum	95-1	2951022	3076546	3020788	3016118	2.09	cps
Molybdenum	96-1	3297795	3374773	3349426	3340665	1.17	cps
Molybdenum	97-1	1854544	1911951	1914020	1893505	1.78	cps
Molybdenum	98-1	4727382	4879704	4825446	4810844	1.60	cps
Neodymium	150-1	67	53	40	53	25.00	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	189524	190977	190057	190186	0.39	cps
Phosphorus	31-2	13073	12914	12806	12931	1.04	cps
Potassium	39-2	1205616	1197678	1208226	1203840	0.46	cps
Rhodium	103-1	2941307	2921131	2922047	2928162	0.39	cps
Rhodium	103-2	1521219	1532556	1512582	1522119	0.66	cps
Scandium	45-1	2256055	2262458	2289982	2269498	0.79	cps
Scandium	45-2	90207	89423	89154	89595	0.61	cps
Selenium	82-1	20800	21047	20751	20866	0.76	cps
Selenium	77-2	730	667	613	670	8.72	cps
Selenium	78-2	2382	2329	2458	2390	2.71	cps
Silicon	28-1	2194226	2360127	2475438	2343264	6.03	cps
Silver	109-1	1348583	1378400	1379499	1368827	1.28	cps
Silver	107-1	1437326	1464597	1469754	1457225	1.20	cps
Sodium	23-2	5775114	5707785	5739479	5740793	0.59	cps
Strontium	86-1	415248	424741	417279	419089	1.19	cps
Strontium	88-1	3511687	3523698	3482214	3505866	0.61	cps
Sulfur	34-1	654191	650358	651659	652069	0.30	cps
Terbium	159-1	3338046	3364830	3328414	3343763	0.56	cps
Terbium	159-2	1746501	1714277	1713506	1724761	1.09	cps
Thallium	203-1	768122	792012	802785	787639	2.25	cps
Thallium	205-1	1856728	1879725	1870767	1869073	0.62	cps
Tin	118-1	909924	922828	906658	913137	0.94	cps
Titanium	47-1	929377	956620	972028	952675	2.27	cps
Uranium	238-1	2250140	2285775	2320994	2285636	1.55	cps
Vanadium	51-2	341288	339696	342726	341237	0.44	cps
Yttrium	89-1	5857599	5771665	5817436	5815567	0.74	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:43:10	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	707781	707684	708786	708084	0.09	cps
Zinc	66-2	698034	705780	700896	701570	0.56	cps
Zirconium	90-1	2079764	2088055	2123194	2097004	1.10	cps
Zirconium	91-1	461922	475768	480891	472861	2.08	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : LCSS1 Instrumnet Name : P8
 Client Sample ID : LCSS1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:46:01 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195288	194096	191774	193719	0.92	cps
Antimony	121-1	1275196	1329955	1319615	1308255	2.22	cps
Arsenic	75-2	52649	52833	52106	52529	0.72	cps
Barium	135-1	1307443	1350682	1366170	1341432	2.27	cps
Barium	137-1	2276220	2281237	2350041	2302499	1.79	cps
Beryllium	9-1	383792	399478	399032	394100	2.27	cps
Bismuth	209-1	1833250	1838077	1861717	1844348	0.83	cps
Bismuth	209-2	1265462	1259773	1220097	1248444	1.98	cps
Boron	10-1	27853	31876	33603	31111	9.48	cps
Boron	11-1	136615	152311	163864	150930	9.06	cps
Bromine	81-1	2593	2653	2733	2660	2.64	cps
Cadmium	111-1	276064	285998	286626	282896	2.09	cps
Cadmium	106-1	30092	32489	32038	31539	4.04	cps
Cadmium	108-1	21959	22285	21008	21751	3.05	cps
Calcium	43-1	362741	371841	373587	369390	1.58	cps
Calcium	44-1	6020503	6238284	6207989	6155592	1.92	cps
Chromium	52-2	415439	418778	409908	414708	1.08	cps
Cobalt	59-2	723908	725156	714159	721074	0.84	cps
Copper	63-2	5104848	5098639	5042624	5082037	0.67	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	13	27	23	21	32.88	cps
Holmium	165-1	3125291	3218967	3133509	3159255	1.64	cps
Holmium	165-2	1821066	1757909	1729377	1769451	2.65	cps
Indium	115-1	3090099	3141903	3126013	3119339	0.85	cps
Indium	115-2	556066	549475	541567	549036	1.32	cps
Iron	54-2	879957	870702	862292	870984	1.01	cps
Iron	56-2	15877832	15802568	15330372	15670257	1.89	cps
Iron	57-2	401167	391653	388730	393850	1.65	cps
Krypton	83-1	1893	1823	1953	1890	3.44	cps
Lead	206-1	3411958	3437811	3523144	3457638	1.68	cps
Lead	207-1	3027096	3129100	3184406	3113534	2.56	cps
Lead	208-1	13664326	14037814	14180479	13960873	1.91	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS1	Instrumnet Name :	P8
Client Sample ID :	LCSS1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:46:01	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1627542	1624858	1613999	1622133	0.44	cps
Magnesium	24-2	2956304	2978614	2925039	2953319	0.91	cps
Manganese	55-2	1955044	2002447	1977763	1978418	1.20	cps
Molybdenum	94-1	2465341	2553263	2553486	2524030	2.01	cps
Molybdenum	95-1	3042853	3102326	3071351	3072176	0.97	cps
Molybdenum	96-1	3360324	3471286	3436317	3422642	1.66	cps
Molybdenum	97-1	1897928	1963842	1948073	1936614	1.78	cps
Molybdenum	98-1	4740958	4988429	4922977	4884121	2.63	cps
Neodymium	150-1	53	80	47	60	29.40	cps
Neodymium	150-2	20	0	10	10	100.00	cps
Nickel	60-2	193298	193400	189410	192036	1.18	cps
Phosphorus	31-2	13765	13190	13682	13546	2.30	cps
Potassium	39-2	1222499	1214934	1209196	1215543	0.55	cps
Rhodium	103-1	2950232	3034635	2991840	2992236	1.41	cps
Rhodium	103-2	1566193	1538218	1505789	1536733	1.97	cps
Scandium	45-1	2288810	2315414	2330439	2311554	0.91	cps
Scandium	45-2	90912	90006	89228	90049	0.94	cps
Selenium	82-1	20644	21070	21893	21202	2.99	cps
Selenium	77-2	810	770	700	760	7.33	cps
Selenium	78-2	2552	2396	2451	2467	3.21	cps
Silicon	28-1	2201605	2357586	2463349	2340847	5.62	cps
Silver	109-1	1381805	1411346	1417247	1403466	1.35	cps
Silver	107-1	1442746	1502641	1483164	1476183	2.07	cps
Sodium	23-2	5856146	5839225	5650847	5782073	1.97	cps
Strontium	86-1	414780	433519	426864	425054	2.23	cps
Strontium	88-1	3559307	3565935	3589352	3571532	0.44	cps
Sulfur	34-1	651737	651027	658961	653908	0.67	cps
Terbium	159-1	3319088	3413969	3406704	3379921	1.56	cps
Terbium	159-2	1781431	1753214	1733907	1756184	1.36	cps
Thallium	203-1	772846	819587	809393	800609	3.07	cps
Thallium	205-1	1811147	1927505	1921803	1886818	3.48	cps
Tin	118-1	911111	965274	939555	938646	2.89	cps
Titanium	47-1	943989	978695	977754	966812	2.05	cps
Uranium	238-1	2270528	2319601	2307539	2299223	1.11	cps
Vanadium	51-2	345753	345794	342296	344614	0.58	cps
Yttrium	89-1	5772304	5913752	5924871	5870309	1.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	LCSS1	Instrumnet Name :	P8
Client Sample ID :	LCSS1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:46:01	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	721541	713174	705057	713257	1.16	cps
Zinc	66-2	714961	707407	699964	707444	1.06	cps
Zirconium	90-1	2055164	2179074	2165371	2133203	3.18	cps
Zirconium	91-1	471467	487549	486779	481932	1.88	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCV03 Instrumnet Name : P8
 Client Sample ID : CCV03 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 15:51:40 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891953	885249	881075	886092	0.62	cps
Antimony	121-1	1246070	1254348	1254681	1251700	0.39	cps
Arsenic	75-2	50637	50496	50348	50494	0.29	cps
Barium	135-1	1292680	1290902	1287953	1290511	0.19	cps
Barium	137-1	2169499	2202421	2230238	2200719	1.38	cps
Beryllium	9-1	384193	390792	384646	386544	0.95	cps
Bismuth	209-1	1714305	1709767	1710500	1711524	0.14	cps
Bismuth	209-2	1192066	1190829	1178965	1187287	0.61	cps
Boron	10-1	32038	35179	36151	34456	6.24	cps
Boron	11-1	155277	168089	173604	165656	5.68	cps
Bromine	81-1	2863	2813	2553	2743	6.08	cps
Cadmium	111-1	267044	273366	264297	268236	1.73	cps
Cadmium	106-1	29833	30576	31069	30493	2.04	cps
Cadmium	108-1	20607	20511	20686	20602	0.43	cps
Calcium	43-1	1825346	1846903	1761106	1811118	2.46	cps
Calcium	44-1	30694028	30369653	30193705	30419129	0.83	cps
Chromium	52-2	404526	400767	403659	402984	0.49	cps
Cobalt	59-2	692499	681794	687333	687209	0.78	cps
Copper	63-2	4807108	4806705	4749260	4787691	0.70	cps
Dysprosium	156-1	133	92	108	111	18.88	cps
Dysprosium	156-2	40	57	30	42	31.91	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	142	92	117	117	21.43	cps
Gadolinium	160-2	53	53	70	59	16.34	cps
Holmium	165-1	3063963	3162884	3071676	3099508	1.78	cps
Holmium	165-2	1726920	1692214	1707295	1708810	1.02	cps
Indium	115-1	2912630	3029001	2946597	2962743	2.02	cps
Indium	115-2	532760	528479	521661	527633	1.06	cps
Iron	54-2	4012009	3939077	3951630	3967572	0.98	cps
Iron	56-2	71733871	70923936	71751100	71469636	0.66	cps
Iron	57-2	1828926	1798720	1821853	1816500	0.87	cps
Krypton	83-1	1933	1877	2107	1972	6.08	cps
Lead	206-1	3302825	3292859	3271289	3288991	0.49	cps
Lead	207-1	2890124	2971178	2916701	2926001	1.41	cps
Lead	208-1	13073801	13283010	13146971	13167927	0.81	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:51:40	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1603951	1638568	1639109	1627209	1.24	cps
Magnesium	24-2	14002293	13725227	13566674	13764731	1.60	cps
Manganese	55-2	1925848	1906447	1914849	1915715	0.51	cps
Molybdenum	94-1	2454230	2506333	2489571	2483378	1.07	cps
Molybdenum	95-1	2992306	3007294	3011942	3003847	0.34	cps
Molybdenum	96-1	3280004	3329374	3320317	3309898	0.79	cps
Molybdenum	97-1	1839639	1876691	1863623	1859984	1.01	cps
Molybdenum	98-1	4703858	4781315	4808662	4764612	1.14	cps
Neodymium	150-1	93	113	87	98	14.19	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	182993	184453	183646	183697	0.40	cps
Phosphorus	31-2	13140	12748	12456	12781	2.69	cps
Potassium	39-2	5478026	5429531	5519703	5475753	0.82	cps
Rhodium	103-1	2785415	2896611	2791134	2824387	2.22	cps
Rhodium	103-2	1462908	1461630	1460692	1461744	0.08	cps
Scandium	45-1	2271596	2267006	2192343	2243648	1.98	cps
Scandium	45-2	86840	86767	87430	87012	0.42	cps
Selenium	82-1	19810	20234	19779	19941	1.27	cps
Selenium	77-2	607	680	627	638	5.94	cps
Selenium	78-2	2297	2410	2337	2348	2.44	cps
Silicon	28-1	2303704	2508452	2612856	2475004	6.35	cps
Silver	109-1	1302130	1326305	1314729	1314388	0.92	cps
Silver	107-1	1384960	1399068	1373440	1385823	0.93	cps
Sodium	23-2	27199510	26595677	26712381	26835856	1.19	cps
Strontium	86-1	407607	411340	412453	410467	0.62	cps
Strontium	88-1	3404123	3489349	3404876	3432783	1.43	cps
Sulfur	34-1	648916	649156	649815	649295	0.07	cps
Terbium	159-1	3264129	3259141	3225201	3249491	0.65	cps
Terbium	159-2	1711122	1714398	1672279	1699266	1.38	cps
Thallium	203-1	775205	772832	774847	774294	0.17	cps
Thallium	205-1	1791965	1804943	1799124	1798677	0.36	cps
Tin	118-1	886331	887166	879226	884241	0.49	cps
Titanium	47-1	935058	944366	937214	938879	0.52	cps
Uranium	238-1	2264049	2327389	2267020	2286153	1.56	cps
Vanadium	51-2	334560	333819	330549	332976	0.64	cps
Yttrium	89-1	5510155	5677514	5576180	5587950	1.51	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 15:51:40	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	701330	695669	693475	696825	0.58	cps
Zinc	66-2	661349	660012	662066	661143	0.16	cps
Zirconium	90-1	2078939	2126368	2062047	2089118	1.60	cps
Zirconium	91-1	467484	467632	464118	466411	0.43	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:00:10 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361	415	415	397	7.82	cps
Antimony	121-1	175	108	192	158	27.85	cps
Arsenic	75-2	11	4	8	8	45.81	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	42	75	50	56	31.22	cps
Beryllium	9-1	248	220	264	244	9.13	cps
Bismuth	209-1	1826080	1814797	1834346	1825074	0.54	cps
Bismuth	209-2	1210807	1241090	1270459	1240785	2.40	cps
Boron	10-1	1996	1886	1838	1906	4.25	cps
Boron	11-1	9665	9265	9113	9348	3.05	cps
Bromine	81-1	2753	3044	2653	2817	7.20	cps
Cadmium	111-1	64	73	75	71	8.43	cps
Cadmium	106-1	1050	1250	1225	1175	9.27	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	209	242	211	221	8.51	cps
Calcium	44-1	16896	16862	16282	16680	2.07	cps
Chromium	52-2	773	853	737	788	7.57	cps
Cobalt	59-2	57	100	63	73	31.82	cps
Copper	63-2	1042	1167	1201	1137	7.40	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	3107575	3118623	3030641	3085613	1.55	cps
Holmium	165-2	1700152	1730314	1760734	1730400	1.75	cps
Indium	115-1	3050928	3056342	3010533	3039268	0.82	cps
Indium	115-2	528622	539419	556607	541549	2.61	cps
Iron	54-2	483	461	533	493	7.51	cps
Iron	56-2	4390	4273	4579	4414	3.49	cps
Iron	57-2	150	161	161	157	4.08	cps
Krypton	83-1	1803	1730	1920	1818	5.27	cps
Lead	206-1	689	622	633	648	5.51	cps
Lead	207-1	556	439	517	504	11.79	cps
Lead	208-1	2684	2645	2478	2602	4.20	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:00:10 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1664312	1655949	1639764	1653342	0.75	cps
Magnesium	24-2	767	867	800	811	6.28	cps
Manganese	55-2	213	217	203	211	3.29	cps
Molybdenum	94-1	142	92	75	103	33.76	cps
Molybdenum	95-1	58	75	133	89	44.31	cps
Molybdenum	96-1	133	75	117	108	27.74	cps
Molybdenum	97-1	67	33	33	44	43.31	cps
Molybdenum	98-1	133	75	67	92	39.63	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	187	100	147	29.81	cps
Phosphorus	31-2	83	233	133	150	50.92	cps
Potassium	39-2	27109	27017	26391	26839	1.46	cps
Rhodium	103-1	2969967	2962976	2930057	2954333	0.72	cps
Rhodium	103-2	1498414	1524925	1537145	1520162	1.30	cps
Scandium	45-1	2301645	2224359	2213143	2246382	2.15	cps
Scandium	45-2	85868	88396	89791	88018	2.26	cps
Selenium	82-1	24	61	-161	-25	-471.77	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	52	45	45	47	8.55	cps
Silicon	28-1	1130678	1141540	1139744	1137320	0.51	cps
Silver	109-1	58	67	75	67	12.49	cps
Silver	107-1	75	58	58	64	15.06	cps
Sodium	23-2	39688	40214	39020	39641	1.51	cps
Strontium	86-1	2975	2842	3009	2942	3.00	cps
Strontium	88-1	200	175	292	222	27.64	cps
Sulfur	34-1	531309	530484	523639	528478	0.80	cps
Terbium	159-1	3276780	3293082	3299678	3289847	0.36	cps
Terbium	159-2	1698938	1738448	1768834	1735407	2.02	cps
Thallium	203-1	308	317	292	306	4.17	cps
Thallium	205-1	833	525	617	658	24.05	cps
Tin	118-1	208	242	192	214	11.90	cps
Titanium	47-1	292	225	308	275	16.04	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	5806793	5570424	5604667	5660628	2.26	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:00:10	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	674567	693609	706012	691396	2.29	cps
Zinc	66-2	100	123	123	116	11.66	cps
Zirconium	90-1	200	258	225	228	12.85	cps
Zirconium	91-1	75	42	58	58	28.57	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BL	Instrumnet Name :	P8
Client Sample ID :	PB133613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:03:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405	389	394	396	2.10	cps
Antimony	121-1	33	100	100	78	49.49	cps
Arsenic	75-2	9	10	6	8	24.98	cps
Barium	135-1	42	50	25	39	32.73	cps
Barium	137-1	50	75	33	53	39.74	cps
Beryllium	9-1	210	220	192	207	6.84	cps
Bismuth	209-1	1686806	1720998	1789924	1732576	3.03	cps
Bismuth	209-2	1183493	1176497	1182419	1180803	0.32	cps
Boron	10-1	1484	1526	1522	1510	1.53	cps
Boron	11-1	7430	6970	7246	7216	3.21	cps
Bromine	81-1	2943	2773	2613	2776	5.95	cps
Cadmium	111-1	70	55	64	63	12.26	cps
Cadmium	106-1	1108	867	1042	1006	12.41	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	197	249	266	237	15.04	cps
Calcium	44-1	16434	16519	16701	16551	0.83	cps
Chromium	52-2	867	817	760	814	6.55	cps
Cobalt	59-2	97	103	90	97	6.89	cps
Copper	63-2	1074	1120	1031	1075	4.17	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	50	17	8	25	88.19	cps
Gadolinium	160-2	0	3	17	7	132.33	cps
Holmium	165-1	2947489	2958230	3029181	2978300	1.49	cps
Holmium	165-2	1647986	1638867	1612512	1633122	1.13	cps
Indium	115-1	2937488	2944496	2973508	2951831	0.65	cps
Indium	115-2	518267	518310	519542	518706	0.14	cps
Iron	54-2	467	417	467	450	6.41	cps
Iron	56-2	4090	3651	3751	3830	6.01	cps
Iron	57-2	150	94	144	130	23.60	cps
Krypton	83-1	1867	1994	1757	1872	6.33	cps
Lead	206-1	672	694	561	643	11.12	cps
Lead	207-1	556	517	528	533	3.76	cps
Lead	208-1	2678	2400	2395	2491	6.50	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BL	Instrumnet Name :	P8
Client Sample ID :	PB133613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:03:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1600758	1600664	1611097	1604173	0.37	cps
Magnesium	24-2	883	892	708	828	12.51	cps
Manganese	55-2	217	187	220	208	8.84	cps
Molybdenum	94-1	142	50	108	100	46.40	cps
Molybdenum	95-1	42	67	50	53	24.12	cps
Molybdenum	96-1	125	67	58	83	43.59	cps
Molybdenum	97-1	58	17	8	28	96.44	cps
Molybdenum	98-1	17	33	33	28	34.63	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	83	80	143	102	34.87	cps
Phosphorus	31-2	108	233	183	175	35.95	cps
Potassium	39-2	26133	27151	26842	26709	1.95	cps
Rhodium	103-1	2840275	2828618	2902211	2857035	1.38	cps
Rhodium	103-2	1463776	1469797	1458597	1464057	0.38	cps
Scandium	45-1	2166590	2192971	2214022	2191194	1.08	cps
Scandium	45-2	84557	84714	84181	84484	0.32	cps
Selenium	82-1	4	-174	127	-14	-1064.15	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	41	47	42	43	7.42	cps
Silicon	28-1	1164232	1175478	1166679	1168796	0.51	cps
Silver	109-1	42	50	50	47	10.18	cps
Silver	107-1	17	75	42	44	65.84	cps
Sodium	23-2	38735	38017	38769	38507	1.10	cps
Strontium	86-1	2950	2817	2809	2859	2.78	cps
Strontium	88-1	125	125	142	131	7.37	cps
Sulfur	34-1	515396	520636	528341	521458	1.25	cps
Terbium	159-1	3159670	3129489	3199411	3162857	1.11	cps
Terbium	159-2	1685353	1653319	1634596	1657756	1.55	cps
Thallium	203-1	117	183	217	172	29.56	cps
Thallium	205-1	492	408	450	450	9.26	cps
Tin	118-1	158	233	183	192	19.92	cps
Titanium	47-1	383	342	383	369	6.51	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	17	17	23	19	20.36	cps
Yttrium	89-1	5345289	5457987	5475847	5426374	1.30	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BL	Instrumnet Name :	P8
Client Sample ID :	PB133613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:03:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	663368	670888	668605	667620	0.58	cps
Zinc	66-2	97	70	60	76	25.09	cps
Zirconium	90-1	150	200	175	175	14.29	cps
Zirconium	91-1	33	50	75	53	39.74	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188950	189864	193021	190612	1.12	cps
Antimony	121-1	1245685	1263717	1289680	1266361	1.75	cps
Arsenic	75-2	51405	51194	51871	51490	0.67	cps
Barium	135-1	1278941	1286168	1306988	1290699	1.13	cps
Barium	137-1	2222823	2223931	2201689	2216148	0.57	cps
Beryllium	9-1	380282	389240	393033	387519	1.69	cps
Bismuth	209-1	1813437	1759442	1844676	1805852	2.39	cps
Bismuth	209-2	1227882	1247920	1240583	1238795	0.82	cps
Boron	10-1	23556	27741	29968	27088	12.02	cps
Boron	11-1	113383	131755	144030	129722	11.89	cps
Bromine	81-1	2833	3084	2973	2963	4.23	cps
Cadmium	111-1	270549	274933	279606	275030	1.65	cps
Cadmium	106-1	31904	30752	31912	31523	2.12	cps
Cadmium	108-1	20540	20432	21208	20727	2.03	cps
Calcium	43-1	355465	361926	366370	361253	1.52	cps
Calcium	44-1	5899396	5873230	6065691	5946105	1.76	cps
Chromium	52-2	403147	407359	412762	407756	1.18	cps
Cobalt	59-2	701264	705769	716698	707910	1.12	cps
Copper	63-2	5050384	5041628	5177300	5089771	1.49	cps
Dysprosium	156-1	58	67	42	56	22.91	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	27	27	17	23	24.74	cps
Holmium	165-1	3080507	3113234	3072577	3088773	0.70	cps
Holmium	165-2	1725243	1758945	1755978	1746722	1.07	cps
Indium	115-1	3018246	3025047	3030898	3024730	0.21	cps
Indium	115-2	539817	544628	545268	543238	0.55	cps
Iron	54-2	850162	856894	870706	859254	1.22	cps
Iron	56-2	15277541	15612792	15582605	15490979	1.20	cps
Iron	57-2	384336	386760	391370	387489	0.92	cps
Krypton	83-1	1777	1783	1850	1803	2.25	cps
Lead	206-1	3339236	3445586	3425990	3403604	1.66	cps
Lead	207-1	2961700	3073083	3096777	3043853	2.37	cps
Lead	208-1	13353442	13607468	13875592	13612167	1.92	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1622737	1624474	1628822	1625344	0.19	cps
Magnesium	24-2	2924086	2874688	2921064	2906613	0.95	cps
Manganese	55-2	1960667	1932718	2010033	1967806	1.99	cps
Molybdenum	94-1	2403973	2488615	2459865	2450818	1.76	cps
Molybdenum	95-1	2934296	2943463	3033187	2970315	1.84	cps
Molybdenum	96-1	3270769	3304834	3324515	3300039	0.82	cps
Molybdenum	97-1	1814661	1881540	1847749	1847983	1.81	cps
Molybdenum	98-1	4676154	4718665	4699775	4698198	0.45	cps
Neodymium	150-1	73	53	73	67	17.32	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	186083	188391	192170	188881	1.63	cps
Phosphorus	31-2	13290	12597	12956	12948	2.67	cps
Potassium	39-2	1183251	1202202	1205097	1196850	0.99	cps
Rhodium	103-1	2967880	2891860	2933858	2931199	1.30	cps
Rhodium	103-2	1510638	1522764	1524222	1519208	0.49	cps
Scandium	45-1	2251144	2245145	2277050	2257780	0.75	cps
Scandium	45-2	87323	89137	89604	88688	1.36	cps
Selenium	82-1	20273	20459	20805	20512	1.32	cps
Selenium	77-2	760	683	710	718	5.42	cps
Selenium	78-2	2457	2443	2375	2425	1.81	cps
Silicon	28-1	2094049	2244443	2324019	2220837	5.26	cps
Silver	109-1	1335770	1366431	1360595	1354265	1.20	cps
Silver	107-1	1410451	1447904	1439705	1432686	1.37	cps
Sodium	23-2	5672126	5712262	5770459	5718283	0.86	cps
Strontium	86-1	404433	415209	416289	411977	1.59	cps
Strontium	88-1	3409589	3499462	3489251	3466101	1.42	cps
Sulfur	34-1	651961	656459	656440	654953	0.40	cps
Terbium	159-1	3370270	3323010	3270907	3321395	1.50	cps
Terbium	159-2	1734949	1759436	1792930	1762438	1.65	cps
Thallium	203-1	781988	787419	783015	784141	0.37	cps
Thallium	205-1	1822879	1904267	1866456	1864534	2.18	cps
Tin	118-1	897108	912238	905222	904856	0.84	cps
Titanium	47-1	922150	928644	966648	939147	2.56	cps
Uranium	238-1	2253230	2238020	2306984	2266078	1.60	cps
Vanadium	51-2	338735	336645	342670	339350	0.90	cps
Yttrium	89-1	5741260	5660540	5666690	5689497	0.79	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133613BS	Instrumnet Name :	P8
Client Sample ID :	PB133613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:05:56	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	707409	704423	708529	706787	0.30	cps
Zinc	66-2	684799	694943	696750	692164	0.93	cps
Zirconium	90-1	2041728	2054363	2100423	2065505	1.50	cps
Zirconium	91-1	452195	461320	474225	462580	2.39	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340632	345754	349697	345361	1.32	cps
Antimony	121-1	2267	2350	2384	2334	2.58	cps
Arsenic	75-2	1345	1471	1444	1420	4.67	cps
Barium	135-1	633170	662040	657504	650904	2.39	cps
Barium	137-1	1084667	1132764	1131169	1116200	2.45	cps
Beryllium	9-1	1096	1078	1018	1064	3.84	cps
Bismuth	209-1	1817412	1844445	1860478	1840778	1.18	cps
Bismuth	209-2	1251974	1268334	1279551	1266620	1.09	cps
Boron	10-1	11244	11760	12533	11846	5.48	cps
Boron	11-1	54427	56840	57763	56343	3.06	cps
Bromine	81-1	23665	31970	36806	30813	21.57	cps
Cadmium	111-1	302	350	298	317	9.19	cps
Cadmium	106-1	1175	1400	1250	1275	8.99	cps
Cadmium	108-1	54	38	33	42	26.47	cps
Calcium	43-1	208184	213254	215738	212392	1.81	cps
Calcium	44-1	3537577	3514131	3658727	3570145	2.17	cps
Chromium	52-2	135403	138355	138610	137456	1.30	cps
Cobalt	59-2	21653	21823	21904	21793	0.59	cps
Copper	63-2	92728	93276	94660	93555	1.06	cps
Dysprosium	156-1	10655	10546	11138	10780	2.92	cps
Dysprosium	156-2	5578	5705	5505	5596	1.81	cps
Erbium	164-1	11605	12465	11539	11870	4.35	cps
Erbium	164-2	6145	6358	5955	6153	3.28	cps
Gadolinium	160-1	10221	10588	10671	10493	2.28	cps
Gadolinium	160-2	6405	6702	6652	6586	2.41	cps
Holmium	165-1	3223058	3251316	3219400	3231258	0.54	cps
Holmium	165-2	1775656	1773612	1818498	1789255	1.42	cps
Indium	115-1	3102751	3121604	3141309	3121888	0.62	cps
Indium	115-2	555084	555684	560462	557077	0.53	cps
Iron	54-2	1397369	1394218	1435758	1409115	1.64	cps
Iron	56-2	24727942	25418793	25682155	25276297	1.95	cps
Iron	57-2	622813	625619	644444	630959	1.86	cps
Krypton	83-1	1877	1787	1907	1857	3.36	cps
Lead	206-1	390967	401158	398693	396939	1.34	cps
Lead	207-1	326017	342954	339182	336051	2.65	cps
Lead	208-1	1526084	1575970	1577236	1559764	1.87	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1706793	1729604	1701738	1712712	0.87	cps
Magnesium	24-2	475786	487436	489453	484225	1.52	cps
Manganese	55-2	3245857	3279660	3357857	3294458	1.74	cps
Molybdenum	94-1	22093	22377	22318	22263	0.67	cps
Molybdenum	95-1	26509	27728	26994	27077	2.27	cps
Molybdenum	96-1	29708	29599	30793	30033	2.20	cps
Molybdenum	97-1	16452	17186	16477	16705	2.49	cps
Molybdenum	98-1	42708	42942	43092	42914	0.45	cps
Neodymium	150-1	14935	15483	15302	15240	1.83	cps
Neodymium	150-2	5911	6155	6295	6120	3.17	cps
Nickel	60-2	28465	28706	28388	28520	0.58	cps
Phosphorus	31-2	1300	1308	1450	1353	6.23	cps
Potassium	39-2	534477	537239	552648	541455	1.81	cps
Rhodium	103-1	2973429	3045037	2992366	3003610	1.24	cps
Rhodium	103-2	1545047	1546615	1553748	1548470	0.30	cps
Scandium	45-1	2434063	2428315	2440382	2434253	0.25	cps
Scandium	45-2	92984	93679	95092	93919	1.14	cps
Selenium	82-1	47	169	153	123	54.00	cps
Selenium	77-2	27	30	23	27	12.51	cps
Selenium	78-2	69	75	70	71	4.51	cps
Silicon	28-1	37474295	38013613	37979112	37822340	0.80	cps
Silver	109-1	992	908	933	945	4.53	cps
Silver	107-1	975	1058	933	989	6.44	cps
Sodium	23-2	14769769	15076620	15285945	15044111	1.73	cps
Strontium	86-1	235233	246337	242944	241505	2.36	cps
Strontium	88-1	2031074	2067874	2057721	2052223	0.93	cps
Sulfur	34-1	539171	533393	536434	536333	0.54	cps
Terbium	159-1	3406307	3533971	3514887	3485055	1.98	cps
Terbium	159-2	1778791	1773904	1781798	1778164	0.22	cps
Thallium	203-1	942	858	967	922	6.15	cps
Thallium	205-1	2309	2442	2375	2375	2.81	cps
Tin	118-1	19039	19831	18763	19211	2.89	cps
Titanium	47-1	315821	325145	326093	322353	1.76	cps
Uranium	238-1	13591	13357	13483	13477	0.87	cps
Vanadium	51-2	29971	30259	30756	30329	1.31	cps
Yttrium	89-1	6127620	6096920	5949798	6058113	1.57	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5039-01	Instrumnet Name :	P8
Client Sample ID :	JBD-WC-L-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:08:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	742706	746247	756934	748629	0.99	cps
Zinc	66-2	30907	32444	33012	32121	3.39	cps
Zirconium	90-1	18137	18179	18271	18196	0.38	cps
Zirconium	91-1	3842	4334	4009	4062	6.16	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:11:35 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14789	15007	14826	14874	0.78	cps
Antimony	121-1	1317	1275	1250	1281	2.63	cps
Arsenic	75-2	3205	3225	3256	3228	0.80	cps
Barium	135-1	14416	13933	14950	14433	3.53	cps
Barium	137-1	25066	24448	25884	25132	2.87	cps
Beryllium	9-1	254	216	210	227	10.53	cps
Bismuth	209-1	1779239	1766093	1772354	1772562	0.37	cps
Bismuth	209-2	1197323	1237402	1245875	1226866	2.11	cps
Boron	10-1	6404	6640	6508	6518	1.81	cps
Boron	11-1	30183	31758	32613	31518	3.91	cps
Bromine	81-1	30775	34618	36645	34013	8.77	cps
Cadmium	111-1	81	83	53	72	23.06	cps
Cadmium	106-1	1083	1083	908	1025	9.86	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	2062393	2068686	2073179	2068086	0.26	cps
Calcium	44-1	33483757	33676725	34293646	33818043	1.25	cps
Chromium	52-2	1153	1120	1113	1129	1.90	cps
Cobalt	59-2	30833	32206	31061	31367	2.35	cps
Copper	63-2	3034	3017	3137	3062	2.12	cps
Dysprosium	156-1	50	117	75	81	41.81	cps
Dysprosium	156-2	50	47	50	49	3.93	cps
Erbium	164-1	100	100	92	97	4.95	cps
Erbium	164-2	50	57	57	54	7.07	cps
Gadolinium	160-1	67	92	100	86	20.14	cps
Gadolinium	160-2	83	73	47	68	27.96	cps
Holmium	165-1	3109864	3054628	3038679	3067724	1.22	cps
Holmium	165-2	1714017	1800035	1743495	1752516	2.49	cps
Indium	115-1	2973935	3040524	2957114	2990524	1.47	cps
Indium	115-2	533570	548758	551604	544644	1.78	cps
Iron	54-2	587290	596353	600986	594876	1.17	cps
Iron	56-2	10752220	10980080	11027969	10920090	1.35	cps
Iron	57-2	267533	274378	273484	271798	1.37	cps
Krypton	83-1	1823	1980	1797	1867	5.31	cps
Lead	206-1	1056	1100	1078	1078	2.06	cps
Lead	207-1	1067	939	1095	1033	8.03	cps
Lead	208-1	4411	4223	4261	4299	2.32	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:11:35 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1660849	1653973	1676805	1663875	0.70	cps
Magnesium	24-2	1490853	1562432	1539000	1530762	2.38	cps
Manganese	55-2	2206275	2258454	2290035	2251588	1.88	cps
Molybdenum	94-1	3542	4167	3784	3831	8.23	cps
Molybdenum	95-1	6402	6969	6293	6554	5.53	cps
Molybdenum	96-1	7561	7144	7502	7402	3.05	cps
Molybdenum	97-1	3934	3792	4209	3978	5.33	cps
Molybdenum	98-1	9996	10229	10913	10379	4.59	cps
Neodymium	150-1	153	93	200	149	35.91	cps
Neodymium	150-2	43	40	33	39	13.09	cps
Nickel	60-2	10134	10784	10511	10476	3.12	cps
Phosphorus	31-2	23328	23662	23311	23433	0.84	cps
Potassium	39-2	1071445	1097612	1101989	1090349	1.51	cps
Rhodium	103-1	2853884	2858703	2826870	2846486	0.60	cps
Rhodium	103-2	1488365	1530201	1511326	1509964	1.39	cps
Scandium	45-1	2247922	2295395	2272963	2272093	1.05	cps
Scandium	45-2	86991	88490	88785	88089	1.09	cps
Selenium	82-1	12	-118	2	-35	-210.15	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	42	38	43	41	6.45	cps
Silicon	28-1	29064091	29839203	29998209	29633834	1.69	cps
Silver	109-1	42	75	108	75	44.44	cps
Silver	107-1	92	100	117	103	12.39	cps
Sodium	23-2	22295788	23346961	23033781	22892177	2.36	cps
Strontium	86-1	1428582	1471444	1453269	1451099	1.48	cps
Strontium	88-1	12095070	12100077	12351256	12182134	1.20	cps
Sulfur	34-1	538088	531662	530563	533438	0.76	cps
Terbium	159-1	3347408	3307576	3307323	3320769	0.69	cps
Terbium	159-2	1703849	1774422	1756495	1744922	2.10	cps
Thallium	203-1	300	375	258	311	19.00	cps
Thallium	205-1	692	733	733	719	3.34	cps
Tin	118-1	292	350	358	333	10.90	cps
Titanium	47-1	4142	3859	4051	4017	3.60	cps
Uranium	238-1	1700	2317	1975	1997	15.47	cps
Vanadium	51-2	1377	1543	1327	1416	8.01	cps
Yttrium	89-1	5660409	5603682	5657637	5640576	0.57	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:11:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	687680	702996	717283	702653	2.11	cps
Zinc	66-2	863	827	930	873	6.00	cps
Zirconium	90-1	242	150	233	208	24.33	cps
Zirconium	91-1	58	42	108	69	49.96	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:14:23 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14731	14528	14440	14566	1.02	cps
Antimony	121-1	1200	1325	1325	1283	5.62	cps
Arsenic	75-2	3225	3194	3114	3177	1.80	cps
Barium	135-1	14692	15150	14516	14786	2.21	cps
Barium	137-1	24639	24506	25541	24896	2.26	cps
Beryllium	9-1	198	214	226	213	6.61	cps
Bismuth	209-1	1833298	1767816	1761443	1787519	2.23	cps
Bismuth	209-2	1219826	1226041	1198806	1214891	1.17	cps
Boron	10-1	5658	6092	6120	5957	4.35	cps
Boron	11-1	27490	29245	30736	29157	5.57	cps
Bromine	81-1	28458	33153	34829	32147	10.27	cps
Cadmium	111-1	73	78	73	74	4.53	cps
Cadmium	106-1	1050	1033	1117	1067	4.13	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	2021455	2110210	2101308	2077658	2.35	cps
Calcium	44-1	33555055	34365408	34813553	34244672	1.86	cps
Chromium	52-2	960	1060	1147	1056	8.85	cps
Cobalt	59-2	31806	31572	30496	31291	2.23	cps
Copper	63-2	2796	2800	2878	2825	1.63	cps
Dysprosium	156-1	108	92	117	106	12.06	cps
Dysprosium	156-2	43	43	43	43	0.00	cps
Erbium	164-1	125	117	175	139	22.72	cps
Erbium	164-2	90	53	77	73	25.31	cps
Gadolinium	160-1	83	125	92	100	22.04	cps
Gadolinium	160-2	47	57	63	56	15.09	cps
Holmium	165-1	3172417	3076849	3184438	3144568	1.87	cps
Holmium	165-2	1762079	1718100	1704235	1728138	1.75	cps
Indium	115-1	3032690	3045706	3053398	3043931	0.34	cps
Indium	115-2	535592	536130	529609	533777	0.68	cps
Iron	54-2	594420	587538	573526	585162	1.82	cps
Iron	56-2	10858511	10729236	10540252	10709333	1.49	cps
Iron	57-2	267155	267227	263600	265994	0.78	cps
Krypton	83-1	1810	1803	1813	1809	0.28	cps
Lead	206-1	978	1083	1145	1069	7.89	cps
Lead	207-1	917	1006	894	939	6.26	cps
Lead	208-1	4056	4439	4306	4267	4.56	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:14:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1726328	1716571	1694415	1712438	0.95	cps
Magnesium	24-2	1502774	1499274	1481091	1494380	0.78	cps
Manganese	55-2	2235839	2193668	2148219	2192575	2.00	cps
Molybdenum	94-1	3726	3976	4059	3920	4.43	cps
Molybdenum	95-1	6785	6827	6377	6663	3.73	cps
Molybdenum	96-1	7060	7152	7060	7091	0.75	cps
Molybdenum	97-1	4109	4067	4076	4084	0.54	cps
Molybdenum	98-1	10429	11080	10362	10624	3.73	cps
Neodymium	150-1	120	120	173	138	22.35	cps
Neodymium	150-2	33	33	33	33	0.00	cps
Nickel	60-2	9830	10077	9930	9946	1.25	cps
Phosphorus	31-2	23453	23586	23269	23436	0.68	cps
Potassium	39-2	1070304	1067334	1052393	1063344	0.90	cps
Rhodium	103-1	2927002	2931346	2901889	2920079	0.54	cps
Rhodium	103-2	1485223	1472410	1465244	1474292	0.69	cps
Scandium	45-1	2286341	2314270	2273158	2291256	0.92	cps
Scandium	45-2	87675	87759	87548	87661	0.12	cps
Selenium	82-1	-31	60	-10	6	748.90	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	43	58	39	47	21.47	cps
Silicon	28-1	29859106	30481204	30154997	30165102	1.03	cps
Silver	109-1	58	33	33	42	34.64	cps
Silver	107-1	92	92	75	86	11.18	cps
Sodium	23-2	22916211	22397506	22144138	22485952	1.75	cps
Strontium	86-1	1423100	1446005	1438011	1435705	0.81	cps
Strontium	88-1	12014720	12410102	12214809	12213210	1.62	cps
Sulfur	34-1	532680	536356	536378	535138	0.40	cps
Terbium	159-1	3395373	3397216	3358938	3383842	0.64	cps
Terbium	159-2	1731061	1734198	1709769	1725009	0.77	cps
Thallium	203-1	250	167	192	203	21.09	cps
Thallium	205-1	533	592	592	572	5.89	cps
Tin	118-1	325	350	333	336	3.79	cps
Titanium	47-1	4201	4167	4334	4234	2.08	cps
Uranium	238-1	2525	2042	2059	2209	12.43	cps
Vanadium	51-2	1557	1467	1537	1520	3.11	cps
Yttrium	89-1	5729468	5688502	5544004	5653991	1.72	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:14:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	700024	698118	685571	694571	1.13	cps
Zinc	66-2	940	980	1070	997	6.68	cps
Zirconium	90-1	217	200	267	228	15.23	cps
Zirconium	91-1	83	58	83	75	19.25	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-16 16:17:13 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3274	3131	3301	3235	2.82	cps
Antimony	121-1	183	300	358	281	31.76	cps
Arsenic	75-2	627	621	653	634	2.68	cps
Barium	135-1	2809	2950	2775	2845	3.27	cps
Barium	137-1	4851	4943	4634	4809	3.29	cps
Beryllium	9-1	164	238	192	198	18.87	cps
Bismuth	209-1	1863309	1858782	1851524	1857872	0.32	cps
Bismuth	209-2	1251671	1278203	1277501	1269125	1.19	cps
Boron	10-1	2520	2614	2558	2564	1.84	cps
Boron	11-1	12755	12485	12483	12574	1.25	cps
Bromine	81-1	12068	11627	11847	11847	1.86	cps
Cadmium	111-1	68	73	68	70	3.46	cps
Cadmium	106-1	1067	1300	1200	1189	9.85	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Calcium	43-1	401204	407809	408514	405842	0.99	cps
Calcium	44-1	6620091	6746708	6690487	6685762	0.95	cps
Chromium	52-2	833	830	790	818	2.95	cps
Cobalt	59-2	6398	6488	6472	6453	0.74	cps
Copper	63-2	1509	1282	1466	1419	8.47	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	67	33	58	53	32.87	cps
Erbium	164-2	27	20	7	18	57.27	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	17	20	10	16	32.73	cps
Holmium	165-1	3204874	3292027	3278673	3258525	1.44	cps
Holmium	165-2	1765680	1787692	1771627	1775000	0.64	cps
Indium	115-1	3134373	3129673	3070687	3111578	1.14	cps
Indium	115-2	549300	559298	555270	554623	0.91	cps
Iron	54-2	118313	114555	117641	116836	1.72	cps
Iron	56-2	2171899	2184804	2166887	2174530	0.43	cps
Iron	57-2	54376	53472	53779	53876	0.85	cps
Krypton	83-1	1757	1763	1897	1806	4.37	cps
Lead	206-1	594	700	672	656	8.35	cps
Lead	207-1	617	589	533	580	7.32	cps
Lead	208-1	2506	2767	2711	2661	5.17	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-16 16:17:13 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1761132	1749711	1733692	1748178	0.79	cps
Magnesium	24-2	301317	300783	302370	301490	0.27	cps
Manganese	55-2	434574	432367	435019	433987	0.33	cps
Molybdenum	94-1	817	883	917	872	5.84	cps
Molybdenum	95-1	1275	1400	1275	1317	5.48	cps
Molybdenum	96-1	1342	1500	1600	1481	8.80	cps
Molybdenum	97-1	717	875	650	747	15.47	cps
Molybdenum	98-1	2092	2292	2325	2236	5.64	cps
Neodymium	150-1	27	47	7	27	74.99	cps
Neodymium	150-2	10	20	3	11	75.52	cps
Nickel	60-2	2277	2147	2257	2227	3.14	cps
Phosphorus	31-2	4651	4751	4951	4784	3.19	cps
Potassium	39-2	232965	233205	233703	233291	0.16	cps
Rhodium	103-1	3045749	2986851	3029680	3020760	1.01	cps
Rhodium	103-2	1515531	1575178	1559501	1550070	1.99	cps
Scandium	45-1	2313586	2413318	2357740	2361548	2.12	cps
Scandium	45-2	89299	89623	90254	89725	0.54	cps
Selenium	82-1	88	19	-105	1	16227.90	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	49	37	47	44	14.51	cps
Silicon	28-1	6698905	6935190	6793929	6809341	1.75	cps
Silver	109-1	42	58	67	56	22.91	cps
Silver	107-1	100	58	67	75	29.40	cps
Sodium	23-2	4454223	4573479	4551119	4526274	1.40	cps
Strontium	86-1	283450	288908	288717	287025	1.08	cps
Strontium	88-1	2414874	2438144	2457356	2436791	0.87	cps
Sulfur	34-1	526885	523703	516531	522373	1.02	cps
Terbium	159-1	3476229	3433199	3416265	3441898	0.90	cps
Terbium	159-2	1747497	1779477	1732664	1753213	1.36	cps
Thallium	203-1	83	125	125	111	21.65	cps
Thallium	205-1	233	425	250	303	35.07	cps
Tin	118-1	217	292	208	239	19.21	cps
Titanium	47-1	992	900	1167	1020	13.29	cps
Uranium	238-1	400	400	458	419	8.03	cps
Vanadium	51-2	360	333	317	337	6.49	cps
Yttrium	89-1	5950766	5927101	5776650	5884839	1.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 16:17:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	706763	718501	707857	711040	0.91	cps
Zinc	66-2	267	207	243	239	12.66	cps
Zirconium	90-1	208	283	217	236	17.41	cps
Zirconium	91-1	33	42	75	50	44.10	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:20:01 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206032	205144	205735	205637	0.22	cps
Antimony	121-1	1227174	1158184	1232346	1205901	3.43	cps
Arsenic	75-2	54732	55065	54597	54798	0.44	cps
Barium	135-1	1316416	1244975	1337874	1299755	3.74	cps
Barium	137-1	2244996	2108083	2310390	2221156	4.65	cps
Beryllium	9-1	380801	359986	388162	376316	3.88	cps
Bismuth	209-1	1712099	1610689	1796529	1706439	5.45	cps
Bismuth	209-2	1218424	1248005	1236840	1234423	1.21	cps
Boron	10-1	32888	34005	39042	35311	9.28	cps
Boron	11-1	158106	166390	187671	170722	8.93	cps
Bromine	81-1	22180	22391	27345	23972	12.19	cps
Cadmium	111-1	260193	251856	269178	260409	3.33	cps
Cadmium	106-1	25916	25441	27119	26159	3.31	cps
Cadmium	108-1	18342	18125	18742	18403	1.70	cps
Calcium	43-1	2426483	2314942	2536516	2425980	4.57	cps
Calcium	44-1	40368129	37873325	41283793	39841749	4.43	cps
Chromium	52-2	392532	389616	390116	390754	0.40	cps
Cobalt	59-2	714814	704477	702579	707290	0.93	cps
Copper	63-2	1009494	999402	1000206	1003034	0.56	cps
Dysprosium	156-1	58	108	100	89	30.14	cps
Dysprosium	156-2	53	93	70	72	27.82	cps
Erbium	164-1	108	100	50	86	36.64	cps
Erbium	164-2	33	63	57	51	30.82	cps
Gadolinium	160-1	158	108	150	139	19.29	cps
Gadolinium	160-2	77	63	37	59	34.58	cps
Holmium	165-1	2999860	2857634	3150485	3002660	4.88	cps
Holmium	165-2	1737272	1822866	1775403	1778514	2.41	cps
Indium	115-1	2928982	2828551	3144613	2967382	5.44	cps
Indium	115-2	537886	543396	542044	541109	0.53	cps
Iron	54-2	1497235	1503512	1483073	1494607	0.70	cps
Iron	56-2	26450677	26244038	26452470	26382395	0.45	cps
Iron	57-2	652625	659231	655789	655882	0.50	cps
Krypton	83-1	1747	1893	1900	1847	4.69	cps
Lead	206-1	595767	573084	606783	591878	2.90	cps
Lead	207-1	539258	510315	548454	532676	3.74	cps
Lead	208-1	2421566	2290504	2470626	2394232	3.89	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:20:01 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1657281	1559858	1687571	1634903	4.08	cps
Magnesium	24-2	4547498	4487754	4555098	4530117	0.81	cps
Manganese	55-2	2622678	2634561	2671989	2643076	0.97	cps
Molybdenum	94-1	1913079	1830703	1950812	1898198	3.24	cps
Molybdenum	95-1	3091261	2937046	3110222	3046176	3.12	cps
Molybdenum	96-1	3284347	3179955	3364069	3276124	2.82	cps
Molybdenum	97-1	1925297	1815865	1948093	1896418	3.73	cps
Molybdenum	98-1	4849618	4649163	4795556	4764779	2.18	cps
Neodymium	150-1	160	207	193	187	12.88	cps
Neodymium	150-2	43	43	43	43	0.00	cps
Nickel	60-2	199450	197964	199651	199022	0.46	cps
Phosphorus	31-2	23645	23645	23361	23550	0.70	cps
Potassium	39-2	2214193	2221323	2264132	2233216	1.21	cps
Rhodium	103-1	2773792	2662579	2924101	2786824	4.71	cps
Rhodium	103-2	1473024	1519182	1506586	1499597	1.59	cps
Scandium	45-1	2268513	2112281	2377675	2252823	5.92	cps
Scandium	45-2	87357	89346	87870	88191	1.17	cps
Selenium	82-1	20091	18901	20573	19855	4.34	cps
Selenium	77-2	717	673	707	699	3.25	cps
Selenium	78-2	2353	2357	2318	2343	0.92	cps
Silicon	28-1	31506297	30460562	31837854	31268238	2.30	cps
Silver	109-1	252710	83354	89491	141852	67.72	cps
Silver	107-1	90638	88478	97863	92326	5.32	cps
Sodium	23-2	28459771	28515617	28506557	28493982	0.11	cps
Strontium	86-1	1838281	1762622	1892593	1831166	3.56	cps
Strontium	88-1	15515426	14759273	15991665	15422121	4.03	cps
Sulfur	34-1	544145	534199	538041	538795	0.93	cps
Terbium	159-1	3278569	2989751	3435837	3234719	6.99	cps
Terbium	159-2	1768263	1762544	1756125	1762310	0.34	cps
Thallium	203-1	741489	698532	774514	738178	5.16	cps
Thallium	205-1	1757499	1670668	1809182	1745783	4.01	cps
Tin	118-1	712823	677149	734762	708245	4.11	cps
Titanium	47-1	930777	895001	955140	926972	3.26	cps
Uranium	238-1	2195059	2046235	2236892	2159395	4.64	cps
Vanadium	51-2	327251	327581	329998	328276	0.46	cps
Yttrium	89-1	5551646	5199463	5893367	5548158	6.25	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:20:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	704377	718190	703865	708811	1.15	cps
Zinc	66-2	136012	135937	135197	135715	0.33	cps
Zirconium	90-1	434243	433381	446307	437977	1.65	cps
Zirconium	91-1	96459	99481	101345	99095	2.49	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:22:52 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212251	214185	209877	212104	1.02	cps
Antimony	121-1	1251169	1262194	1281481	1264948	1.21	cps
Arsenic	75-2	56427	56534	55354	56105	1.16	cps
Barium	135-1	1373761	1391148	1390123	1385011	0.70	cps
Barium	137-1	2343105	2360650	2357327	2353694	0.40	cps
Beryllium	9-1	387273	394242	395173	392230	1.10	cps
Bismuth	209-1	1784658	1797772	1802244	1794891	0.51	cps
Bismuth	209-2	1266210	1283831	1232032	1260691	2.09	cps
Boron	10-1	37129	41219	42512	40287	6.98	cps
Boron	11-1	177544	193974	205351	192289	7.27	cps
Bromine	81-1	23443	26703	28237	26128	9.37	cps
Cadmium	111-1	265156	269496	271725	268792	1.24	cps
Cadmium	106-1	27470	27728	28338	27845	1.60	cps
Cadmium	108-1	19606	19109	20073	19596	2.46	cps
Calcium	43-1	2401228	2495048	2450594	2448956	1.92	cps
Calcium	44-1	39364456	40783076	40593785	40247105	1.91	cps
Chromium	52-2	405736	405818	403218	404924	0.37	cps
Cobalt	59-2	734874	731524	731445	732614	0.27	cps
Copper	63-2	1039315	1032346	1029779	1033813	0.48	cps
Dysprosium	156-1	100	108	92	100	8.33	cps
Dysprosium	156-2	70	37	60	56	30.79	cps
Erbium	164-1	125	117	167	136	19.68	cps
Erbium	164-2	47	47	43	46	4.23	cps
Gadolinium	160-1	142	167	108	139	21.07	cps
Gadolinium	160-2	63	50	63	59	13.07	cps
Holmium	165-1	3188042	3182329	3161658	3177343	0.44	cps
Holmium	165-2	1848047	1844097	1720134	1804093	4.03	cps
Indium	115-1	3054254	3056473	2975275	3028667	1.53	cps
Indium	115-2	551660	557940	537786	549129	1.88	cps
Iron	54-2	1516699	1550376	1518945	1528673	1.23	cps
Iron	56-2	26805325	27226031	26728703	26920020	0.99	cps
Iron	57-2	674170	676159	663493	671274	1.01	cps
Krypton	83-1	1887	1840	1833	1853	1.57	cps
Lead	206-1	610464	622459	630171	621032	1.60	cps
Lead	207-1	546814	558804	566831	557483	1.81	cps
Lead	208-1	2471426	2548200	2557057	2525561	1.86	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:22:52	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1677138	1686447	1662336	1675307	0.73	cps
Magnesium	24-2	4609939	4747914	4574348	4644067	1.97	cps
Manganese	55-2	2673501	2688945	2664724	2675723	0.46	cps
Molybdenum	94-1	2106109	2117555	2183811	2135825	1.96	cps
Molybdenum	95-1	3134780	3171834	3227431	3178015	1.47	cps
Molybdenum	96-1	3385865	3419865	3418396	3408042	0.56	cps
Molybdenum	97-1	1935067	1976118	2002853	1971346	1.73	cps
Molybdenum	98-1	4984395	5030455	5093946	5036265	1.09	cps
Neodymium	150-1	180	200	107	162	30.29	cps
Neodymium	150-2	50	17	53	40	50.68	cps
Nickel	60-2	205389	206707	206348	206148	0.33	cps
Phosphorus	31-2	23470	24129	23678	23759	1.42	cps
Potassium	39-2	2315329	2323959	2294887	2311392	0.65	cps
Rhodium	103-1	2894864	2834726	2871362	2866984	1.06	cps
Rhodium	103-2	1536375	1510788	1482971	1510045	1.77	cps
Scandium	45-1	2292047	2303919	2309248	2301738	0.38	cps
Scandium	45-2	89211	90650	89818	89893	0.80	cps
Selenium	82-1	20414	20423	20694	20510	0.78	cps
Selenium	77-2	637	730	697	688	6.88	cps
Selenium	78-2	2396	2409	2389	2398	0.42	cps
Silicon	28-1	30867047	30952789	31376168	31065335	0.88	cps
Silver	109-1	90035	94658	91681	92125	2.54	cps
Silver	107-1	99550	99207	100154	99637	0.48	cps
Sodium	23-2	28687003	29218200	28503458	28802887	1.29	cps
Strontium	86-1	1840314	1850792	1842493	1844533	0.30	cps
Strontium	88-1	15665947	15949101	15810101	15808383	0.90	cps
Sulfur	34-1	534153	534358	534617	534376	0.04	cps
Terbium	159-1	3409017	3377932	3336203	3374384	1.08	cps
Terbium	159-2	1781793	1853413	1736746	1790651	3.29	cps
Thallium	203-1	779950	778605	794581	784379	1.13	cps
Thallium	205-1	1843399	1893387	1848095	1861627	1.48	cps
Tin	118-1	901198	906049	906944	904730	0.34	cps
Titanium	47-1	964054	962196	980394	968881	1.03	cps
Uranium	238-1	2192758	2282142	2350289	2275063	3.47	cps
Vanadium	51-2	340069	342525	336935	339843	0.82	cps
Yttrium	89-1	5854451	5891038	5626265	5790585	2.48	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:22:52	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	722690	735372	705731	721264	2.06	cps
Zinc	66-2	142390	141273	140720	141461	0.60	cps
Zirconium	90-1	871122	882559	900466	884716	1.67	cps
Zirconium	91-1	192796	200605	196497	196633	1.99	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-01A Instrumnet Name : P8
 Client Sample ID : TU032-32-5229-121020A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:25:40 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206583	205687	204163	205477	0.60	cps
Antimony	121-1	1251710	1267789	1273642	1264380	0.90	cps
Arsenic	75-2	55212	55411	54687	55103	0.68	cps
Barium	135-1	1337105	1361900	1376851	1358619	1.48	cps
Barium	137-1	2344124	2314951	2351812	2336962	0.83	cps
Beryllium	9-1	386497	392265	390551	389771	0.76	cps
Bismuth	209-1	1730046	1783246	1836003	1783098	2.97	cps
Bismuth	209-2	1147648	1193155	1204673	1181825	2.55	cps
Boron	10-1	38462	41895	43281	41213	6.02	cps
Boron	11-1	182986	203112	207613	197903	6.63	cps
Bromine	81-1	25228	27415	29160	27268	7.22	cps
Cadmium	111-1	267073	269175	270085	268777	0.57	cps
Cadmium	106-1	27795	26676	27603	27358	2.19	cps
Cadmium	108-1	19197	19401	19439	19346	0.67	cps
Calcium	43-1	2417204	2469193	2503657	2463351	1.77	cps
Calcium	44-1	40243006	40901844	41297968	40814272	1.31	cps
Chromium	52-2	398729	391411	393435	394525	0.96	cps
Cobalt	59-2	717789	707845	714489	713374	0.71	cps
Copper	63-2	1015263	1014093	1010482	1013279	0.25	cps
Dysprosium	156-1	117	100	133	117	14.29	cps
Dysprosium	156-2	63	53	53	57	10.19	cps
Erbium	164-1	58	50	108	72	43.68	cps
Erbium	164-2	83	57	20	53	59.62	cps
Gadolinium	160-1	142	158	117	139	15.10	cps
Gadolinium	160-2	83	80	27	63	50.20	cps
Holmium	165-1	3063927	3182419	3142465	3129604	1.93	cps
Holmium	165-2	1653112	1703407	1731031	1695850	2.33	cps
Indium	115-1	2983209	3078422	3017980	3026537	1.59	cps
Indium	115-2	501059	528759	530100	519973	3.15	cps
Iron	54-2	1509118	1515099	1453590	1492602	2.27	cps
Iron	56-2	26513537	26355594	26031183	26300105	0.94	cps
Iron	57-2	660118	651979	655768	655955	0.62	cps
Krypton	83-1	1720	1870	1900	1830	5.27	cps
Lead	206-1	607246	621148	615549	614648	1.14	cps
Lead	207-1	554096	557196	559697	556996	0.50	cps
Lead	208-1	2479778	2528334	2512962	2507025	0.99	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:25:40	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1649635	1679832	1718578	1682682	2.05	cps
Magnesium	24-2	4448388	4480919	4533039	4487449	0.95	cps
Manganese	55-2	2702782	2588922	2628367	2640024	2.19	cps
Molybdenum	94-1	2032340	2039280	2041413	2037678	0.23	cps
Molybdenum	95-1	3117604	3203420	3160367	3160464	1.36	cps
Molybdenum	96-1	3431861	3405529	3377001	3404797	0.81	cps
Molybdenum	97-1	2013317	1973775	1940732	1975941	1.84	cps
Molybdenum	98-1	4954261	5031427	4919704	4968464	1.15	cps
Neodymium	150-1	180	127	213	173	25.22	cps
Neodymium	150-2	63	47	63	58	16.65	cps
Nickel	60-2	203126	201001	201332	201819	0.57	cps
Phosphorus	31-2	23703	23929	23086	23572	1.85	cps
Potassium	39-2	2261416	2219513	2211845	2230924	1.20	cps
Rhodium	103-1	2869936	2878285	2878081	2875434	0.17	cps
Rhodium	103-2	1392328	1442198	1506827	1447117	3.97	cps
Scandium	45-1	2249331	2267745	2308564	2275213	1.33	cps
Scandium	45-2	83160	84242	87926	85109	2.94	cps
Selenium	82-1	20259	20177	20672	20369	1.30	cps
Selenium	77-2	760	703	707	723	4.40	cps
Selenium	78-2	2398	2361	2429	2396	1.42	cps
Silicon	28-1	31165331	32097340	31087292	31449988	1.79	cps
Silver	109-1	817372	810089	773646	800369	2.93	cps
Silver	107-1	855521	900004	848957	868161	3.20	cps
Sodium	23-2	28297468	28386779	28040693	28241647	0.64	cps
Strontium	86-1	1828404	1883632	1848742	1853593	1.51	cps
Strontium	88-1	15536144	15837234	15850521	15741299	1.13	cps
Sulfur	34-1	531116	534325	532908	532783	0.30	cps
Terbium	159-1	3327944	3347552	3376053	3350516	0.72	cps
Terbium	159-2	1639261	1694945	1704684	1679630	2.10	cps
Thallium	203-1	762531	771734	766343	766869	0.60	cps
Thallium	205-1	1792748	1837243	1859966	1829985	1.87	cps
Tin	118-1	803325	807374	810012	806904	0.42	cps
Titanium	47-1	950922	961957	964160	959013	0.74	cps
Uranium	238-1	2263928	2246464	2296228	2268873	1.11	cps
Vanadium	51-2	333113	329976	329101	330730	0.64	cps
Yttrium	89-1	5648782	5704541	5759168	5704163	0.97	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-01A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5229-121020A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:25:40	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659241	695583	694345	683057	3.02	cps
Zinc	66-2	137957	136833	137273	137354	0.41	cps
Zirconium	90-1	630408	619821	626700	625643	0.86	cps
Zirconium	91-1	138055	138147	140491	138898	0.99	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5227-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:28:31	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2600	2717	2595	2637	2.63	cps
Antimony	121-1	1375	1258	1175	1270	7.91	cps
Arsenic	75-2	569	568	530	556	4.00	cps
Barium	135-1	21234	21893	22862	21996	3.72	cps
Barium	137-1	35789	37302	37035	36709	2.20	cps
Beryllium	9-1	602	568	520	563	7.31	cps
Bismuth	209-1	1928617	1895399	1930505	1918173	1.03	cps
Bismuth	209-2	1322025	1298977	1293259	1304754	1.17	cps
Boron	10-1	8397	8287	7785	8156	4.00	cps
Boron	11-1	40213	39116	38073	39134	2.73	cps
Bromine	81-1	21298	22501	24888	22896	7.98	cps
Cadmium	111-1	276	212	230	239	13.83	cps
Cadmium	106-1	1142	1308	1317	1256	7.86	cps
Cadmium	108-1	29	17	33	26	32.86	cps
Calcium	43-1	478345	481444	483254	481014	0.52	cps
Calcium	44-1	7901162	7989537	8062568	7984422	1.01	cps
Chromium	52-2	1390	1203	1230	1275	7.92	cps
Cobalt	59-2	2920	2867	3017	2935	2.59	cps
Copper	63-2	1790	1505	1537	1611	9.70	cps
Dysprosium	156-1	125	125	158	136	14.14	cps
Dysprosium	156-2	43	50	53	49	10.42	cps
Erbium	164-1	67	108	117	97	27.55	cps
Erbium	164-2	43	63	50	52	19.50	cps
Gadolinium	160-1	133	117	108	119	10.66	cps
Gadolinium	160-2	57	93	77	76	24.29	cps
Holmium	165-1	3374656	3290657	3356292	3340535	1.32	cps
Holmium	165-2	1832175	1820366	1819389	1823977	0.39	cps
Indium	115-1	3273928	3237668	3313736	3275110	1.16	cps
Indium	115-2	579840	576365	571057	575754	0.77	cps
Iron	54-2	102341	103169	99326	101612	1.99	cps
Iron	56-2	1880637	1868303	1837053	1861997	1.21	cps
Iron	57-2	46186	44999	45294	45493	1.36	cps
Krypton	83-1	1887	1760	1810	1819	3.51	cps
Lead	206-1	1289	1256	1211	1252	3.12	cps
Lead	207-1	1150	1139	1072	1120	3.76	cps
Lead	208-1	5117	5084	4428	4876	7.97	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-5227-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:28:31 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1801179	1780885	1787833	1789966	0.58	cps
Magnesium	24-2	473749	467564	457204	466173	1.79	cps
Manganese	55-2	1126010	1115135	1102474	1114540	1.06	cps
Molybdenum	94-1	4834	4167	4367	4456	7.68	cps
Molybdenum	95-1	7702	7286	6877	7288	5.66	cps
Molybdenum	96-1	8119	7602	7311	7677	5.33	cps
Molybdenum	97-1	4559	4401	4067	4342	5.78	cps
Molybdenum	98-1	12080	11814	10721	11538	6.24	cps
Neodymium	150-1	127	113	160	133	18.02	cps
Neodymium	150-2	53	27	70	50	43.71	cps
Nickel	60-2	2084	2050	2180	2105	3.21	cps
Phosphorus	31-2	183	217	192	197	8.80	cps
Potassium	39-2	328711	324157	326605	326491	0.70	cps
Rhodium	103-1	3130271	3091853	3191765	3137963	1.61	cps
Rhodium	103-2	1616826	1618949	1578813	1604863	1.41	cps
Scandium	45-1	2412746	2433519	2407403	2417889	0.57	cps
Scandium	45-2	93411	91925	92082	92473	0.88	cps
Selenium	82-1	-85	56	-24	-18	-401.53	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	38	45	46	43	10.14	cps
Silicon	28-1	10173130	10107022	10163780	10147977	0.35	cps
Silver	109-1	1167	1167	1300	1211	6.36	cps
Silver	107-1	1258	1317	1450	1342	7.32	cps
Sodium	23-2	3815062	3758361	3706113	3759845	1.45	cps
Strontium	86-1	263758	266627	271151	267179	1.39	cps
Strontium	88-1	2214278	2264353	2275007	2251213	1.44	cps
Sulfur	34-1	948819	829041	947530	908463	7.57	cps
Terbium	159-1	3603840	3489657	3529670	3541056	1.64	cps
Terbium	159-2	1851871	1844220	1809069	1835053	1.24	cps
Thallium	203-1	1233	1025	983	1081	12.40	cps
Thallium	205-1	2634	2109	1784	2175	19.72	cps
Tin	118-1	542	717	425	561	26.16	cps
Titanium	47-1	3017	2875	2692	2861	5.70	cps
Uranium	238-1	5368	5151	4826	5115	5.33	cps
Vanadium	51-2	453	453	413	440	5.25	cps
Yttrium	89-1	6036307	6081619	6032633	6050186	0.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5227-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:28:31	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745712	739891	735901	740502	0.67	cps
Zinc	66-2	577	587	627	597	4.43	cps
Zirconium	90-1	1158	1233	1058	1150	7.63	cps
Zirconium	91-1	200	233	192	208	10.58	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:33:23	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	921040	919800	913930	918256	0.41	cps
Antimony	121-1	1267615	1287078	1294190	1282961	1.07	cps
Arsenic	75-2	51834	51662	51693	51730	0.18	cps
Barium	135-1	1309420	1324375	1344145	1325980	1.31	cps
Barium	137-1	2246832	2258734	2242386	2249317	0.38	cps
Beryllium	9-1	388731	399274	400063	396023	1.60	cps
Bismuth	209-1	1733773	1779498	1793341	1768871	1.76	cps
Bismuth	209-2	1223304	1214635	1209701	1215880	0.57	cps
Boron	10-1	28418	31742	34139	31433	9.14	cps
Boron	11-1	137619	154231	162300	151383	8.31	cps
Bromine	81-1	5337	4646	5156	5046	7.10	cps
Cadmium	111-1	266274	275542	275456	272424	1.96	cps
Cadmium	106-1	30651	31679	30401	30910	2.19	cps
Cadmium	108-1	20820	20499	20858	20725	0.95	cps
Calcium	43-1	1872870	1906804	1889376	1889683	0.90	cps
Calcium	44-1	31320867	31577623	32110662	31669717	1.27	cps
Chromium	52-2	414925	409665	409198	411263	0.77	cps
Cobalt	59-2	701282	707786	705374	704814	0.47	cps
Copper	63-2	4951148	4886464	4993106	4943573	1.09	cps
Dysprosium	156-1	100	67	100	89	21.65	cps
Dysprosium	156-2	57	50	33	47	25.76	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	108	92	67	89	23.59	cps
Gadolinium	160-2	63	73	60	66	10.58	cps
Holmium	165-1	3080597	3145601	3212642	3146280	2.10	cps
Holmium	165-2	1797778	1771317	1726308	1765134	2.05	cps
Indium	115-1	2974542	3004153	3046036	3008244	1.19	cps
Indium	115-2	542368	539586	535947	539300	0.60	cps
Iron	54-2	4078648	4053126	4095395	4075723	0.52	cps
Iron	56-2	72978288	73558857	74089454	73542200	0.76	cps
Iron	57-2	1872071	1883549	1895553	1883724	0.62	cps
Krypton	83-1	1767	1707	1863	1779	4.44	cps
Lead	206-1	3356760	3434791	3434417	3408656	1.32	cps
Lead	207-1	2994832	3068225	3077269	3046775	1.48	cps
Lead	208-1	13506006	13829382	13776210	13703866	1.27	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCV04 Instrumnet Name : P8
 Client Sample ID : CCV04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:33:23 DataFile Name : 052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1651893	1694342	1689526	1678587	1.38	cps
Magnesium	24-2	14185928	14124653	14182216	14164266	0.24	cps
Manganese	55-2	1974916	1986184	1964195	1975098	0.56	cps
Molybdenum	94-1	2529209	2574531	2544874	2549538	0.90	cps
Molybdenum	95-1	2991308	3097967	3084731	3058002	1.90	cps
Molybdenum	96-1	3295922	3411228	3430408	3379186	2.15	cps
Molybdenum	97-1	1871405	1951394	1920547	1914449	2.11	cps
Molybdenum	98-1	4811335	4837014	4894674	4847674	0.88	cps
Neodymium	150-1	53	53	73	60	19.25	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	187745	187081	185567	186798	0.60	cps
Phosphorus	31-2	12706	13156	13382	13081	2.63	cps
Potassium	39-2	5762080	5586306	5646204	5664863	1.58	cps
Rhodium	103-1	2872176	2842498	2948688	2887788	1.90	cps
Rhodium	103-2	1493362	1457915	1476716	1475998	1.20	cps
Scandium	45-1	2301268	2313684	2333661	2316204	0.71	cps
Scandium	45-2	91076	90160	87420	89552	2.12	cps
Selenium	82-1	20514	20887	20834	20745	0.97	cps
Selenium	77-2	627	743	727	699	9.03	cps
Selenium	78-2	2404	2393	2467	2422	1.65	cps
Silicon	28-1	2345793	2566699	2655960	2522817	6.33	cps
Silver	109-1	1326114	1375031	1363154	1354766	1.88	cps
Silver	107-1	1396575	1422760	1429741	1416358	1.23	cps
Sodium	23-2	27571743	27554322	27474503	27533523	0.19	cps
Strontium	86-1	411223	426117	421224	419521	1.81	cps
Strontium	88-1	3520458	3533582	3610299	3554780	1.37	cps
Sulfur	34-1	651897	655939	658348	655394	0.50	cps
Terbium	159-1	3311769	3380625	3378167	3356854	1.16	cps
Terbium	159-2	1754479	1730960	1725662	1737034	0.88	cps
Thallium	203-1	767579	785907	788979	780822	1.48	cps
Thallium	205-1	1855525	1867873	1846964	1856787	0.57	cps
Tin	118-1	907399	916118	914024	912514	0.50	cps
Titanium	47-1	943548	957110	968953	956537	1.33	cps
Uranium	238-1	2294219	2325060	2361063	2326781	1.44	cps
Vanadium	51-2	341872	339012	343831	341572	0.71	cps
Yttrium	89-1	5663459	5720547	5786982	5723663	1.08	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:33:23	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	715134	708348	702915	708799	0.86	cps
Zinc	66-2	680840	679549	680663	680351	0.10	cps
Zirconium	90-1	2132449	2098160	2182500	2137703	1.98	cps
Zirconium	91-1	473208	474914	476212	474778	0.32	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:42:04 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382	435	414	410	6.43	cps
Antimony	121-1	125	225	275	208	36.66	cps
Arsenic	75-2	9	13	7	10	31.60	cps
Barium	135-1	33	67	75	58	37.80	cps
Barium	137-1	158	108	150	139	19.29	cps
Beryllium	9-1	256	282	280	273	5.31	cps
Bismuth	209-1	1771479	1848448	1791754	1803894	2.21	cps
Bismuth	209-2	1257408	1263573	1277009	1265997	0.79	cps
Boron	10-1	1518	1530	1418	1488	4.13	cps
Boron	11-1	7138	6938	6816	6964	2.33	cps
Bromine	81-1	3324	3094	3174	3197	3.66	cps
Cadmium	111-1	58	73	95	75	24.81	cps
Cadmium	106-1	1117	1150	1125	1131	1.53	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	226	269	321	272	17.49	cps
Calcium	44-1	17444	17477	18539	17820	3.49	cps
Chromium	52-2	800	833	813	816	2.06	cps
Cobalt	59-2	77	93	90	87	10.17	cps
Copper	63-2	901	844	817	854	5.01	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3102944	3141708	3053691	3099448	1.42	cps
Holmium	165-2	1762832	1782551	1769375	1771586	0.57	cps
Indium	115-1	3083989	3062766	2969413	3038723	2.01	cps
Indium	115-2	550494	551569	564590	555551	1.41	cps
Iron	54-2	494	472	333	433	20.15	cps
Iron	56-2	4512	4501	4395	4469	1.44	cps
Iron	57-2	94	94	100	96	3.33	cps
Krypton	83-1	1720	1763	1840	1775	3.42	cps
Lead	206-1	656	583	678	639	7.73	cps
Lead	207-1	544	589	700	611	13.11	cps
Lead	208-1	2583	2595	2995	2724	8.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:42:04	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1683795	1708832	1615393	1669340	2.90	cps
Magnesium	24-2	792	950	1025	922	12.92	cps
Manganese	55-2	217	207	273	232	15.48	cps
Molybdenum	94-1	158	617	592	456	56.57	cps
Molybdenum	95-1	75	92	175	114	47.04	cps
Molybdenum	96-1	150	192	317	219	39.53	cps
Molybdenum	97-1	67	42	158	89	69.10	cps
Molybdenum	98-1	133	117	233	161	39.16	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	117	103	107	8.27	cps
Phosphorus	31-2	225	150	175	183	20.83	cps
Potassium	39-2	26250	26141	27928	26773	3.74	cps
Rhodium	103-1	3005703	3025115	2941884	2990901	1.46	cps
Rhodium	103-2	1579451	1534813	1556442	1556902	1.43	cps
Scandium	45-1	2306165	2312847	2193278	2270763	2.96	cps
Scandium	45-2	87658	89724	89731	89038	1.34	cps
Selenium	82-1	178	86	-60	68	176.16	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	41	36	37	38	6.96	cps
Silicon	28-1	1173497	1179694	1162106	1171766	0.76	cps
Silver	109-1	525	967	1575	1022	51.58	cps
Silver	107-1	625	867	1417	970	41.85	cps
Sodium	23-2	43148	42930	42638	42905	0.60	cps
Strontium	86-1	2759	2909	3100	2923	5.86	cps
Strontium	88-1	233	258	508	333	45.62	cps
Sulfur	34-1	528514	522251	525592	525452	0.60	cps
Terbium	159-1	3340540	3370378	3308986	3339968	0.92	cps
Terbium	159-2	1736338	1750078	1742085	1742834	0.40	cps
Thallium	203-1	108	117	183	136	30.20	cps
Thallium	205-1	525	358	333	406	25.69	cps
Tin	118-1	267	608	383	419	41.41	cps
Titanium	47-1	308	283	367	319	13.39	cps
Uranium	238-1	33	17	92	47	83.40	cps
Vanadium	51-2	20	13	10	14	35.26	cps
Yttrium	89-1	5673939	5754543	5652865	5693783	0.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:42:04	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	706605	711328	722421	713452	1.14	cps
Zinc	66-2	93	127	90	103	19.62	cps
Zirconium	90-1	250	2342	1434	1342	78.18	cps
Zirconium	91-1	58	400	275	244	70.72	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5780-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:45:38	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1176	1195	1206	1192	1.27	cps
Antimony	121-1	142	150	300	197	45.18	cps
Arsenic	75-2	1655	1566	1515	1579	4.49	cps
Barium	135-1	14700	14783	15042	14842	1.20	cps
Barium	137-1	26050	24698	25408	25385	2.66	cps
Beryllium	9-1	234	196	212	214	8.92	cps
Bismuth	209-1	1911860	1874889	1907627	1898125	1.07	cps
Bismuth	209-2	1291272	1302400	1308793	1300822	0.68	cps
Boron	10-1	3174	3452	3722	3449	7.94	cps
Boron	11-1	15711	17505	18079	17099	7.22	cps
Bromine	81-1	9042	9693	10605	9780	8.03	cps
Cadmium	111-1	83	69	91	81	13.52	cps
Cadmium	106-1	1117	1167	1100	1128	3.08	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	450489	459595	457450	455845	1.04	cps
Calcium	44-1	7464839	7641490	7742053	7616127	1.84	cps
Chromium	52-2	1077	873	907	952	11.45	cps
Cobalt	59-2	370	417	377	388	6.51	cps
Copper	63-2	985	980	1025	997	2.46	cps
Dysprosium	156-1	50	108	75	78	37.63	cps
Dysprosium	156-2	47	53	40	47	14.28	cps
Erbium	164-1	92	92	75	86	11.18	cps
Erbium	164-2	60	50	50	53	10.83	cps
Gadolinium	160-1	58	92	150	100	46.40	cps
Gadolinium	160-2	30	50	60	47	32.73	cps
Holmium	165-1	3271374	3160181	3258849	3230134	1.89	cps
Holmium	165-2	1842268	1811908	1862648	1838942	1.39	cps
Indium	115-1	3243095	3131460	3251016	3208523	2.08	cps
Indium	115-2	567129	571653	576938	571907	0.86	cps
Iron	54-2	36246	36068	36987	36434	1.34	cps
Iron	56-2	654450	665289	665706	661815	0.96	cps
Iron	57-2	16215	16944	17211	16790	3.07	cps
Krypton	83-1	1857	1717	1647	1740	6.15	cps
Lead	206-1	706	789	706	733	6.56	cps
Lead	207-1	550	606	644	600	7.91	cps
Lead	208-1	2522	2878	2884	2761	7.49	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5780-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:45:38	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1730239	1740526	1729199	1733321	0.36	cps
Magnesium	24-2	1074651	1078006	1067313	1073323	0.51	cps
Manganese	55-2	509297	518527	511621	513148	0.94	cps
Molybdenum	94-1	1350	1250	1175	1258	6.98	cps
Molybdenum	95-1	1950	1633	1667	1750	9.94	cps
Molybdenum	96-1	1984	1850	2075	1970	5.75	cps
Molybdenum	97-1	967	1292	1258	1172	15.25	cps
Molybdenum	98-1	3034	3125	3092	3084	1.51	cps
Neodymium	150-1	100	107	47	84	38.94	cps
Neodymium	150-2	50	40	47	46	11.18	cps
Nickel	60-2	203	217	203	208	3.70	cps
Phosphorus	31-2	308	242	233	261	15.74	cps
Potassium	39-2	295182	304621	300073	299959	1.57	cps
Rhodium	103-1	3064313	3014357	3108788	3062486	1.54	cps
Rhodium	103-2	1601788	1602016	1609161	1604322	0.26	cps
Scandium	45-1	2346733	2345421	2342255	2344803	0.10	cps
Scandium	45-2	92009	92824	92871	92568	0.52	cps
Selenium	82-1	-21	69	274	107	141.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	41	56	48	15.74	cps
Silicon	28-1	13653248	13999868	13933316	13862144	1.33	cps
Silver	109-1	108	200	217	175	33.33	cps
Silver	107-1	158	133	192	161	18.16	cps
Sodium	23-2	8076192	8095310	7940347	8037283	1.05	cps
Strontium	86-1	298282	299339	300113	299244	0.31	cps
Strontium	88-1	2516644	2522388	2538933	2525989	0.46	cps
Sulfur	34-1	554858	555965	550739	553854	0.50	cps
Terbium	159-1	3436397	3411078	3495621	3447699	1.26	cps
Terbium	159-2	1864198	1822996	1863309	1850168	1.27	cps
Thallium	203-1	167	142	67	125	41.63	cps
Thallium	205-1	292	275	225	264	13.15	cps
Tin	118-1	892	992	1008	964	6.55	cps
Titanium	47-1	1083	1192	1217	1164	6.09	cps
Uranium	238-1	2992	2975	3050	3006	1.31	cps
Vanadium	51-2	353	423	400	392	9.09	cps
Yttrium	89-1	5972971	5782669	6070025	5941888	2.46	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5780-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:45:38	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734484	744068	747390	741980	0.90	cps
Zinc	66-2	437	457	520	471	9.23	cps
Zirconium	90-1	642	508	725	625	17.49	cps
Zirconium	91-1	167	217	158	181	17.48	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6777-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:48:29	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	1007	982	980	2.94	cps
Antimony	121-1	192	142	133	156	20.28	cps
Arsenic	75-2	3136	3287	3267	3230	2.54	cps
Barium	135-1	33366	34695	34185	34082	1.97	cps
Barium	137-1	59306	58193	58443	58647	1.00	cps
Beryllium	9-1	184	234	202	207	12.25	cps
Bismuth	209-1	1937996	1924149	1911711	1924619	0.68	cps
Bismuth	209-2	1255698	1278769	1257361	1263943	1.02	cps
Boron	10-1	4696	5312	5674	5227	9.46	cps
Boron	11-1	22703	25385	27230	25106	9.07	cps
Bromine	81-1	50935	65499	74069	63501	18.42	cps
Cadmium	111-1	78	64	59	67	14.44	cps
Cadmium	106-1	1167	1050	1142	1120	5.49	cps
Cadmium	108-1	8	4	33	15	103.25	cps
Calcium	43-1	958633	980125	977501	972087	1.21	cps
Calcium	44-1	16230122	16086992	16491598	16269571	1.26	cps
Chromium	52-2	970	983	963	972	1.05	cps
Cobalt	59-2	1113	1147	1173	1145	2.63	cps
Copper	63-2	871	767	889	842	7.85	cps
Dysprosium	156-1	75	75	58	69	13.85	cps
Dysprosium	156-2	27	27	53	36	43.29	cps
Erbium	164-1	125	108	125	119	8.05	cps
Erbium	164-2	40	60	30	43	35.25	cps
Gadolinium	160-1	67	92	125	94	30.98	cps
Gadolinium	160-2	63	50	50	54	14.14	cps
Holmium	165-1	3394660	3326700	3370349	3363903	1.02	cps
Holmium	165-2	1797199	1824436	1797981	1806539	0.86	cps
Indium	115-1	3232362	3304496	3182981	3239946	1.89	cps
Indium	115-2	559151	563176	556314	559547	0.62	cps
Iron	54-2	238527	239876	238362	238922	0.35	cps
Iron	56-2	4311706	4435456	4440108	4395757	1.66	cps
Iron	57-2	107922	107658	108543	108041	0.42	cps
Krypton	83-1	1717	1930	1773	1807	6.12	cps
Lead	206-1	489	572	706	589	18.56	cps
Lead	207-1	589	628	561	593	5.65	cps
Lead	208-1	2545	2595	2606	2582	1.26	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6777-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:48:29	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1768590	1755349	1724497	1749478	1.29	cps
Magnesium	24-2	2345803	2312557	2324283	2327547	0.72	cps
Manganese	55-2	447242	451737	449743	449574	0.50	cps
Molybdenum	94-1	575	467	467	503	12.44	cps
Molybdenum	95-1	417	342	517	425	20.66	cps
Molybdenum	96-1	517	500	658	558	15.58	cps
Molybdenum	97-1	308	208	217	244	22.70	cps
Molybdenum	98-1	542	708	508	586	18.28	cps
Neodymium	150-1	87	67	80	78	13.09	cps
Neodymium	150-2	53	43	27	41	32.76	cps
Nickel	60-2	270	190	187	216	21.89	cps
Phosphorus	31-2	442	267	383	364	24.49	cps
Potassium	39-2	382901	385657	384553	384370	0.36	cps
Rhodium	103-1	3086746	3187404	3058238	3110796	2.18	cps
Rhodium	103-2	1535386	1549051	1542054	1542164	0.44	cps
Scandium	45-1	2478035	2500286	2422679	2467000	1.62	cps
Scandium	45-2	90063	91630	91267	90987	0.90	cps
Selenium	82-1	129	-50	46	42	213.61	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	54	47	44	48	10.63	cps
Silicon	28-1	16292251	16689759	17054527	16678846	2.29	cps
Silver	109-1	133	117	167	139	18.33	cps
Silver	107-1	108	142	192	147	28.49	cps
Sodium	23-2	9882255	9930656	9928269	9913727	0.28	cps
Strontium	86-1	604591	615775	611997	610787	0.93	cps
Strontium	88-1	5109204	5163976	5132425	5135201	0.54	cps
Sulfur	34-1	599677	606043	609484	605068	0.82	cps
Terbium	159-1	3617774	3519947	3515646	3551122	1.63	cps
Terbium	159-2	1781729	1813477	1780324	1791844	1.05	cps
Thallium	203-1	125	108	75	103	24.77	cps
Thallium	205-1	192	192	225	203	9.49	cps
Tin	118-1	675	592	742	669	11.23	cps
Titanium	47-1	1050	950	1283	1095	15.63	cps
Uranium	238-1	4843	4818	4743	4801	1.08	cps
Vanadium	51-2	293	287	317	299	5.27	cps
Yttrium	89-1	6160075	6184839	5996472	6113795	1.67	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6777-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:48:29	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	723130	723732	723817	723560	0.05	cps
Zinc	66-2	4677	4681	4828	4729	1.81	cps
Zirconium	90-1	675	800	792	756	9.25	cps
Zirconium	91-1	217	275	183	225	20.62	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-6778-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:51:17 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1385	1337	1388	3.79	cps
Antimony	121-1	158	225	208	197	17.59	cps
Arsenic	75-2	1022	1051	1076	1050	2.57	cps
Barium	135-1	25908	26134	25441	25828	1.37	cps
Barium	137-1	44649	44800	43420	44290	1.71	cps
Beryllium	9-1	178	184	176	179	2.32	cps
Bismuth	209-1	1896713	1891057	1939536	1909102	1.39	cps
Bismuth	209-2	1285771	1282865	1268052	1278896	0.74	cps
Boron	10-1	5290	5692	5940	5641	5.82	cps
Boron	11-1	25138	27318	29099	27185	7.30	cps
Bromine	81-1	26793	24988	23524	25101	6.52	cps
Cadmium	111-1	75	85	68	76	11.02	cps
Cadmium	106-1	1233	1267	1267	1256	1.53	cps
Cadmium	108-1	17	17	38	24	50.93	cps
Calcium	43-1	703901	706024	703317	704414	0.20	cps
Calcium	44-1	11586055	11550039	11661607	11599234	0.49	cps
Chromium	52-2	1050	1060	1053	1054	0.48	cps
Cobalt	59-2	3307	2950	3107	3121	5.73	cps
Copper	63-2	978	852	967	932	7.46	cps
Dysprosium	156-1	67	50	83	67	25.00	cps
Dysprosium	156-2	27	40	30	32	21.53	cps
Erbium	164-1	75	58	100	78	26.97	cps
Erbium	164-2	27	33	57	39	40.51	cps
Gadolinium	160-1	125	58	75	86	40.29	cps
Gadolinium	160-2	53	37	63	51	26.35	cps
Holmium	165-1	3152611	3267427	3374836	3264958	3.40	cps
Holmium	165-2	1780275	1828156	1793213	1800548	1.38	cps
Indium	115-1	3164384	3165429	3241575	3190463	1.39	cps
Indium	115-2	567274	567664	560365	565101	0.73	cps
Iron	54-2	154874	153487	150938	153100	1.30	cps
Iron	56-2	2875913	2821872	2866029	2854605	1.01	cps
Iron	57-2	69267	70021	69541	69610	0.55	cps
Krypton	83-1	1950	1780	1923	1885	4.85	cps
Lead	206-1	761	933	883	859	10.31	cps
Lead	207-1	722	822	789	778	6.55	cps
Lead	208-1	3261	3661	3584	3502	6.06	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:51:17	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1725995	1748972	1778035	1751001	1.49	cps
Magnesium	24-2	2236973	2197093	2177003	2203690	1.39	cps
Manganese	55-2	516384	508859	508331	511191	0.88	cps
Molybdenum	94-1	975	1133	1017	1042	7.88	cps
Molybdenum	95-1	1392	1550	1517	1486	5.62	cps
Molybdenum	96-1	1483	1917	1642	1681	13.05	cps
Molybdenum	97-1	792	850	925	856	7.81	cps
Molybdenum	98-1	2334	2184	2300	2272	3.47	cps
Neodymium	150-1	60	100	73	78	26.18	cps
Neodymium	150-2	37	17	40	31	40.56	cps
Nickel	60-2	583	513	570	556	6.69	cps
Phosphorus	31-2	200	217	175	197	10.63	cps
Potassium	39-2	354768	352402	353409	353526	0.34	cps
Rhodium	103-1	2977111	3020500	3145712	3047774	2.87	cps
Rhodium	103-2	1582376	1593550	1541500	1572475	1.74	cps
Scandium	45-1	2346217	2378456	2391500	2372058	0.98	cps
Scandium	45-2	92512	92421	90626	91853	1.16	cps
Selenium	82-1	80	111	31	74	54.73	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	50	44	45	46	6.95	cps
Silicon	28-1	14951937	15139917	15110665	15067506	0.67	cps
Silver	109-1	100	183	250	178	42.28	cps
Silver	107-1	208	133	192	178	22.15	cps
Sodium	23-2	5739764	5675890	5652474	5689376	0.79	cps
Strontium	86-1	571477	584853	577243	577858	1.16	cps
Strontium	88-1	4867860	4847601	4871182	4862215	0.26	cps
Sulfur	34-1	539716	539656	534717	538030	0.53	cps
Terbium	159-1	3448163	3486730	3544616	3493170	1.39	cps
Terbium	159-2	1807835	1792988	1794413	1798412	0.46	cps
Thallium	203-1	83	92	58	78	22.30	cps
Thallium	205-1	142	200	233	192	24.21	cps
Tin	118-1	333	167	233	244	34.32	cps
Titanium	47-1	1317	1392	1392	1367	3.17	cps
Uranium	238-1	2467	2400	2442	2436	1.38	cps
Vanadium	51-2	93	110	113	106	10.16	cps
Yttrium	89-1	5891038	6029419	6052166	5990874	1.46	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:51:17	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	736091	730484	728940	731838	0.51	cps
Zinc	66-2	377	410	443	410	8.13	cps
Zirconium	90-1	750	617	742	703	10.63	cps
Zirconium	91-1	175	158	167	167	5.00	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-08 Instrumnet Name : P8
 Client Sample ID : TU032-32-5779-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 16:54:08 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720	759	694	724	4.52	cps
Antimony	121-1	183	183	208	192	7.53	cps
Arsenic	75-2	4924	4805	4805	4845	1.42	cps
Barium	135-1	6052	6568	6343	6321	4.10	cps
Barium	137-1	10696	10496	10830	10674	1.57	cps
Beryllium	9-1	188	172	144	168	13.26	cps
Bismuth	209-1	1864968	1871687	1940828	1892495	2.22	cps
Bismuth	209-2	1276418	1300771	1295448	1290879	0.99	cps
Boron	10-1	5680	6198	6682	6187	8.10	cps
Boron	11-1	26827	30654	31950	29810	8.94	cps
Bromine	81-1	13170	13110	13971	13417	3.59	cps
Cadmium	111-1	62	72	66	67	7.52	cps
Cadmium	106-1	1183	1183	1275	1214	4.36	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	382183	390063	392884	388377	1.43	cps
Calcium	44-1	6419698	6369620	6478074	6422464	0.85	cps
Chromium	52-2	830	937	923	897	6.48	cps
Cobalt	59-2	360	330	303	331	8.56	cps
Copper	63-2	842	813	757	804	5.37	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	20	27	7	18	57.27	cps
Gadolinium	160-1	8	67	58	44	70.99	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	3241476	3281989	3325835	3283100	1.29	cps
Holmium	165-2	1801286	1819657	1809089	1810010	0.51	cps
Indium	115-1	3135677	3132613	3254839	3174377	2.20	cps
Indium	115-2	562199	563573	570506	565426	0.79	cps
Iron	54-2	10254	9770	9954	9993	2.44	cps
Iron	56-2	175376	174576	176815	175589	0.65	cps
Iron	57-2	4440	4334	4440	4404	1.38	cps
Krypton	83-1	1797	1743	1837	1792	2.61	cps
Lead	206-1	667	717	739	707	5.23	cps
Lead	207-1	661	611	556	609	8.67	cps
Lead	208-1	2750	2761	2811	2774	1.17	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5779-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:54:08	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1721709	1751001	1733078	1735263	0.85	cps
Magnesium	24-2	906996	897500	893868	899455	0.75	cps
Manganese	55-2	181206	178266	178478	179316	0.91	cps
Molybdenum	94-1	2309	2342	2359	2336	1.09	cps
Molybdenum	95-1	3984	4084	3742	3937	4.46	cps
Molybdenum	96-1	3567	3967	3951	3828	5.91	cps
Molybdenum	97-1	2409	2384	2342	2378	1.42	cps
Molybdenum	98-1	6010	5951	5743	5901	2.38	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	167	153	207	176	15.81	cps
Phosphorus	31-2	233	250	225	236	5.39	cps
Potassium	39-2	229342	231502	228667	229837	0.64	cps
Rhodium	103-1	3031496	3128268	3100507	3086757	1.61	cps
Rhodium	103-2	1567026	1597145	1589246	1584472	0.99	cps
Scandium	45-1	2399731	2351462	2435332	2395508	1.76	cps
Scandium	45-2	90580	91418	92639	91546	1.13	cps
Selenium	82-1	180	115	52	116	55.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	49	53	48	11.61	cps
Silicon	28-1	10086982	10354874	10196312	10212723	1.32	cps
Silver	109-1	125	150	242	172	35.67	cps
Silver	107-1	133	242	283	219	35.28	cps
Sodium	23-2	4552770	4484942	4534792	4524168	0.78	cps
Strontium	86-1	227296	231314	226589	228399	1.12	cps
Strontium	88-1	1901704	1923013	1954217	1926311	1.37	cps
Sulfur	34-1	744991	757841	750873	751235	0.86	cps
Terbium	159-1	3501477	3515664	3488447	3501862	0.39	cps
Terbium	159-2	1799694	1823291	1777791	1800259	1.26	cps
Thallium	203-1	67	58	75	67	12.49	cps
Thallium	205-1	133	75	150	119	32.97	cps
Tin	118-1	350	300	342	331	8.10	cps
Titanium	47-1	633	550	600	594	7.06	cps
Uranium	238-1	4976	5593	5243	5271	5.87	cps
Vanadium	51-2	60	70	40	57	26.96	cps
Yttrium	89-1	5906848	5922886	6040964	5956899	1.23	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5779-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:54:08	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	723232	727624	730255	727037	0.49	cps
Zinc	66-2	417	350	333	367	12.03	cps
Zirconium	90-1	350	425	250	342	25.70	cps
Zirconium	91-1	75	92	142	103	33.76	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	570	642	643	11.46	cps
Antimony	121-1	192	125	108	142	31.13	cps
Arsenic	75-2	4673	4795	4694	4721	1.38	cps
Barium	135-1	6310	6343	6210	6288	1.10	cps
Barium	137-1	10346	11213	10855	10805	4.03	cps
Beryllium	9-1	150	162	160	157	4.09	cps
Bismuth	209-1	1775764	1968535	2007483	1917261	6.47	cps
Bismuth	209-2	1203929	1228560	1306100	1246196	4.28	cps
Boron	10-1	5988	6426	6720	6378	5.78	cps
Boron	11-1	27947	30527	32185	30220	7.07	cps
Bromine	81-1	10775	10375	11306	10819	4.32	cps
Cadmium	111-1	90	84	81	85	5.72	cps
Cadmium	106-1	1258	1283	1283	1275	1.13	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	384506	385368	387698	385857	0.43	cps
Calcium	44-1	6380132	6532153	6447723	6453336	1.18	cps
Chromium	52-2	987	1013	1083	1028	4.86	cps
Cobalt	59-2	423	317	350	363	15.02	cps
Copper	63-2	900	793	739	811	10.10	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	33	33	83	50	57.75	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	17	75	42	44	65.84	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	3091266	3416682	3415925	3307958	5.67	cps
Holmium	165-2	1709550	1732193	1831992	1757912	3.71	cps
Indium	115-1	3116713	3304095	3344760	3255189	3.74	cps
Indium	115-2	534827	540836	572840	549501	3.72	cps
Iron	54-2	9692	9854	8975	9507	4.92	cps
Iron	56-2	169786	170315	168505	169535	0.55	cps
Iron	57-2	4223	4467	4328	4340	2.83	cps
Krypton	83-1	1790	1780	1837	1802	1.68	cps
Lead	206-1	628	572	589	596	4.78	cps
Lead	207-1	539	483	439	487	10.29	cps
Lead	208-1	2511	2278	2106	2298	8.86	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1722021	1764679	1792441	1759714	2.02	cps
Magnesium	24-2	914408	921869	907918	914732	0.76	cps
Manganese	55-2	181499	182400	178762	180887	1.05	cps
Molybdenum	94-1	2134	2300	2125	2186	4.52	cps
Molybdenum	95-1	3776	3592	4126	3831	7.08	cps
Molybdenum	96-1	4209	3901	3992	4034	3.93	cps
Molybdenum	97-1	2334	2342	2142	2272	4.98	cps
Molybdenum	98-1	6527	5768	6277	6190	6.24	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	203	203	220	209	4.60	cps
Phosphorus	31-2	217	267	275	253	12.48	cps
Potassium	39-2	231426	234634	231486	232515	0.79	cps
Rhodium	103-1	2901227	3188439	3178343	3089336	5.28	cps
Rhodium	103-2	1507931	1488414	1627801	1541382	4.90	cps
Scandium	45-1	2276325	2477281	2477435	2410347	4.82	cps
Scandium	45-2	85964	87501	93035	88834	4.19	cps
Selenium	82-1	94	42	125	87	48.06	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	48	43	44	45	5.89	cps
Silicon	28-1	10070687	10132785	10134628	10112700	0.36	cps
Silver	109-1	133	150	275	186	41.60	cps
Silver	107-1	150	158	292	200	39.75	cps
Sodium	23-2	4644382	4552342	4564941	4587222	1.09	cps
Strontium	86-1	225888	226590	229849	227442	0.93	cps
Strontium	88-1	1879473	1916374	1921102	1905650	1.20	cps
Sulfur	34-1	741760	740761	742697	741739	0.13	cps
Terbium	159-1	3312528	3673510	3668630	3551556	5.83	cps
Terbium	159-2	1717122	1726950	1869132	1771068	4.80	cps
Thallium	203-1	150	58	117	108	42.82	cps
Thallium	205-1	308	267	300	292	7.56	cps
Tin	118-1	208	258	250	239	11.21	cps
Titanium	47-1	433	533	500	489	10.42	cps
Uranium	238-1	5001	5343	5310	5218	3.61	cps
Vanadium	51-2	53	27	43	41	32.76	cps
Yttrium	89-1	5645174	6101939	6354609	6033907	5.96	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-09	Instrumnet Name :	P8
Client Sample ID :	TU032-FD04-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:56:56	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	689366	701466	741897	710910	3.87	cps
Zinc	66-2	657	680	750	696	6.98	cps
Zirconium	90-1	217	317	350	294	23.57	cps
Zirconium	91-1	67	75	133	92	39.63	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1514	1507	1584	1535	2.76	cps
Antimony	121-1	7602	7677	7311	7530	2.57	cps
Arsenic	75-2	3182	3115	3259	3185	2.26	cps
Barium	135-1	17120	16702	17528	17117	2.41	cps
Barium	137-1	29391	30109	30226	29909	1.51	cps
Beryllium	9-1	192	158	174	175	9.74	cps
Bismuth	209-1	1876959	1988648	1898959	1921522	3.08	cps
Bismuth	209-2	1300001	1309680	1282889	1297523	1.05	cps
Boron	10-1	4762	5162	5182	5035	4.71	cps
Boron	11-1	22885	24481	25835	24401	6.05	cps
Bromine	81-1	11747	12538	13570	12619	7.25	cps
Cadmium	111-1	137	164	168	156	10.79	cps
Cadmium	106-1	992	1275	1300	1189	14.41	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	427871	432467	439183	433173	1.31	cps
Calcium	44-1	7087413	7152300	7302672	7180795	1.54	cps
Chromium	52-2	1143	1167	1070	1127	4.48	cps
Cobalt	59-2	410	350	387	382	7.91	cps
Copper	63-2	8126	8211	8113	8150	0.65	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	30	13	13	19	50.96	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	20	47	23	30	48.44	cps
Gadolinium	160-1	100	83	50	78	32.73	cps
Gadolinium	160-2	10	33	30	24	51.62	cps
Holmium	165-1	3213362	3422089	3318248	3317900	3.15	cps
Holmium	165-2	1804697	1867159	1822246	1831367	1.76	cps
Indium	115-1	3199775	3451312	3168038	3273042	4.74	cps
Indium	115-2	571215	578902	563465	571194	1.35	cps
Iron	54-2	11255	11321	11249	11275	0.36	cps
Iron	56-2	204478	202054	201621	202718	0.76	cps
Iron	57-2	5484	5246	5001	5244	4.61	cps
Krypton	83-1	1763	1823	1740	1776	2.42	cps
Lead	206-1	2561	2695	2706	2654	3.03	cps
Lead	207-1	2078	2106	2161	2115	2.01	cps
Lead	208-1	10035	10235	10530	10267	2.42	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1717164	1791245	1764575	1757661	2.13	cps
Magnesium	24-2	825076	823264	819781	822707	0.33	cps
Manganese	55-2	148665	147831	147116	147871	0.52	cps
Molybdenum	94-1	800	742	725	756	5.21	cps
Molybdenum	95-1	283	325	267	292	10.30	cps
Molybdenum	96-1	417	475	475	456	7.39	cps
Molybdenum	97-1	125	158	108	131	19.50	cps
Molybdenum	98-1	342	408	533	428	22.75	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	7	20	7	11	69.25	cps
Nickel	60-2	917	867	1067	950	10.96	cps
Phosphorus	31-2	7527	7786	7435	7583	2.40	cps
Potassium	39-2	882786	877063	890072	883307	0.74	cps
Rhodium	103-1	3038232	3279731	3144219	3154061	3.84	cps
Rhodium	103-2	1621633	1602377	1574350	1599453	1.49	cps
Scandium	45-1	2361716	2463219	2364589	2396508	2.41	cps
Scandium	45-2	92113	93693	91026	92277	1.45	cps
Selenium	82-1	33	-26	91	33	178.61	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	30	46	54	43	28.21	cps
Silicon	28-1	18755404	18608655	19020270	18794776	1.11	cps
Silver	109-1	92	108	167	122	32.22	cps
Silver	107-1	100	208	108	139	43.41	cps
Sodium	23-2	3188952	3097743	3123582	3136759	1.50	cps
Strontium	86-1	223944	227490	227632	226356	0.92	cps
Strontium	88-1	1897316	1899296	1928009	1908207	0.90	cps
Sulfur	34-1	758769	752148	752585	754501	0.49	cps
Terbium	159-1	3440283	3741915	3548285	3576828	4.27	cps
Terbium	159-2	1827532	1859067	1801211	1829270	1.58	cps
Thallium	203-1	100	67	42	69	42.14	cps
Thallium	205-1	225	158	217	200	18.16	cps
Tin	118-1	392	400	433	408	5.40	cps
Titanium	47-1	2784	2775	2459	2673	6.93	cps
Uranium	238-1	258	242	258	253	3.81	cps
Vanadium	51-2	697	720	640	686	6.00	cps
Yttrium	89-1	5976743	6305295	5934186	6072075	3.34	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5076-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 16:59:46	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	730667	742753	726631	733351	1.14	cps
Zinc	66-2	2874	2754	2897	2841	2.71	cps
Zirconium	90-1	1492	1809	1825	1708	11.00	cps
Zirconium	91-1	300	342	458	367	22.39	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37753	37847	37719	37773	0.18	cps
Antimony	121-1	175	242	283	233	23.42	cps
Arsenic	75-2	1291	1292	1312	1299	0.91	cps
Barium	135-1	23054	24807	24398	24086	3.81	cps
Barium	137-1	39835	42384	40687	40968	3.17	cps
Beryllium	9-1	214	248	200	221	11.19	cps
Bismuth	209-1	1848040	1852438	1921168	1873882	2.19	cps
Bismuth	209-2	1285714	1278432	1297135	1287094	0.73	cps
Boron	10-1	2544	2710	2762	2672	4.26	cps
Boron	11-1	13067	13480	13604	13383	2.10	cps
Bromine	81-1	14743	17800	20386	17643	16.01	cps
Cadmium	111-1	84	70	103	86	18.78	cps
Cadmium	106-1	1333	992	1383	1236	17.25	cps
Cadmium	108-1	17	21	21	19	12.35	cps
Calcium	43-1	630318	639354	643015	637562	1.03	cps
Calcium	44-1	10598374	10601699	10940517	10713530	1.83	cps
Chromium	52-2	4948	5061	5051	5020	1.25	cps
Cobalt	59-2	1783	1883	1923	1863	3.87	cps
Copper	63-2	3687	3714	3386	3595	5.07	cps
Dysprosium	156-1	933	983	792	903	11.01	cps
Dysprosium	156-2	457	397	363	406	11.66	cps
Erbium	164-1	500	683	625	603	15.54	cps
Erbium	164-2	317	327	333	326	2.58	cps
Gadolinium	160-1	783	892	783	819	7.63	cps
Gadolinium	160-2	493	453	487	478	4.49	cps
Holmium	165-1	3177301	3231204	3299380	3235961	1.89	cps
Holmium	165-2	1832445	1787986	1842243	1820891	1.59	cps
Indium	115-1	3205298	3142473	3132843	3160204	1.25	cps
Indium	115-2	563400	565305	573225	567310	0.92	cps
Iron	54-2	143293	142261	144191	143248	0.67	cps
Iron	56-2	2604396	2644725	2661733	2636951	1.12	cps
Iron	57-2	63686	65092	65718	64832	1.60	cps
Krypton	83-1	1920	1803	1790	1838	3.89	cps
Lead	206-1	2367	2417	2389	2391	1.05	cps
Lead	207-1	1984	1895	1867	1915	3.18	cps
Lead	208-1	8857	9051	9585	9164	4.11	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1687903	1716259	1704692	1702951	0.84	cps
Magnesium	24-2	1344118	1372774	1330246	1349046	1.61	cps
Manganese	55-2	212530	215123	213427	213693	0.62	cps
Molybdenum	94-1	2459	2725	2784	2656	6.53	cps
Molybdenum	95-1	358	325	367	350	6.30	cps
Molybdenum	96-1	750	800	775	775	3.23	cps
Molybdenum	97-1	175	283	317	258	28.67	cps
Molybdenum	98-1	475	508	408	464	10.98	cps
Neodymium	150-1	1487	1467	1313	1422	6.67	cps
Neodymium	150-2	590	587	580	586	0.87	cps
Nickel	60-2	2117	2407	2030	2185	9.03	cps
Phosphorus	31-2	233	317	200	250	24.04	cps
Potassium	39-2	314333	321765	316731	317610	1.19	cps
Rhodium	103-1	3042712	3062616	3080026	3061785	0.61	cps
Rhodium	103-2	1562653	1554583	1588999	1568745	1.15	cps
Scandium	45-1	2374508	2430463	2409942	2404971	1.18	cps
Scandium	45-2	91187	91338	90915	91146	0.23	cps
Selenium	82-1	-64	37	101	25	337.69	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	43	46	36	42	12.32	cps
Silicon	28-1	17838882	17831345	18138005	17936077	0.98	cps
Silver	109-1	117	167	133	139	18.33	cps
Silver	107-1	108	133	150	131	16.06	cps
Sodium	23-2	2707414	2718873	2686622	2704303	0.60	cps
Strontium	86-1	334207	342050	335306	337188	1.26	cps
Strontium	88-1	2883045	2854931	2859595	2865857	0.53	cps
Sulfur	34-1	834585	835826	842652	837687	0.52	cps
Terbium	159-1	3470193	3493597	3453331	3472374	0.58	cps
Terbium	159-2	1839581	1818706	1801691	1819993	1.04	cps
Thallium	203-1	92	75	67	78	16.37	cps
Thallium	205-1	175	142	283	200	37.04	cps
Tin	118-1	383	358	408	383	6.52	cps
Titanium	47-1	42121	45489	43199	43603	3.95	cps
Uranium	238-1	5460	5535	5410	5468	1.15	cps
Vanadium	51-2	2757	2900	2800	2819	2.61	cps
Yttrium	89-1	5937531	5848563	5980728	5922274	1.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-4254-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:02:35	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	720891	732713	734438	729347	1.01	cps
Zinc	66-2	1643	1680	1487	1603	6.41	cps
Zirconium	90-1	5760	5901	5801	5821	1.25	cps
Zirconium	91-1	1325	1500	1300	1375	7.94	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-12 Instrumnet Name : P8
 Client Sample ID : TU032-32-5778-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:05:25 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1639	1702	1684	1675	1.96	cps
Antimony	121-1	142	150	208	167	21.80	cps
Arsenic	75-2	2667	2693	2583	2647	2.17	cps
Barium	135-1	4426	4618	4484	4509	2.18	cps
Barium	137-1	7369	7619	7436	7474	1.73	cps
Beryllium	9-1	146	138	162	149	8.22	cps
Bismuth	209-1	1849955	1859691	1801757	1837134	1.69	cps
Bismuth	209-2	1282836	1272370	1237473	1264227	1.88	cps
Boron	10-1	4252	4614	4958	4608	7.66	cps
Boron	11-1	20979	23300	24299	22859	7.45	cps
Bromine	81-1	27284	31688	35461	31478	13.00	cps
Cadmium	111-1	83	60	58	67	20.79	cps
Cadmium	106-1	1283	1000	1117	1133	12.56	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	166864	168092	169881	168279	0.90	cps
Calcium	44-1	2846091	2826336	2877160	2849863	0.90	cps
Chromium	52-2	1013	1020	1083	1039	3.72	cps
Cobalt	59-2	197	237	213	216	9.32	cps
Copper	63-2	897	979	967	948	4.66	cps
Dysprosium	156-1	25	58	42	42	40.00	cps
Dysprosium	156-2	20	13	27	20	33.35	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	3	20	30	18	75.79	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	30	23	27	27	12.51	cps
Holmium	165-1	3262778	3252469	3183609	3232952	1.33	cps
Holmium	165-2	1832746	1786130	1763640	1794172	1.96	cps
Indium	115-1	3144765	3120608	3039960	3101777	1.77	cps
Indium	115-2	568262	561926	548748	559645	1.78	cps
Iron	54-2	5257	5184	5218	5220	0.69	cps
Iron	56-2	89703	91458	90513	90558	0.97	cps
Iron	57-2	2039	2367	2367	2258	8.38	cps
Krypton	83-1	1893	1740	1820	1818	4.22	cps
Lead	206-1	533	533	633	567	10.19	cps
Lead	207-1	467	439	489	465	5.39	cps
Lead	208-1	2189	2095	2261	2182	3.83	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:05:25	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1727066	1717309	1658498	1700958	2.18	cps
Magnesium	24-2	364270	365712	360586	363523	0.73	cps
Manganese	55-2	110487	111132	110168	110595	0.44	cps
Molybdenum	94-1	1783	1742	1942	1822	5.79	cps
Molybdenum	95-1	3025	3242	3134	3134	3.46	cps
Molybdenum	96-1	3551	3309	3492	3451	3.66	cps
Molybdenum	97-1	1683	1825	1717	1742	4.25	cps
Molybdenum	98-1	4634	4859	4876	4790	2.82	cps
Neodymium	150-1	87	27	33	49	67.27	cps
Neodymium	150-2	27	17	3	16	75.27	cps
Nickel	60-2	267	320	283	290	9.41	cps
Phosphorus	31-2	183	233	367	261	36.30	cps
Potassium	39-2	220754	220345	223122	221407	0.68	cps
Rhodium	103-1	3133359	2974362	2992230	3033317	2.87	cps
Rhodium	103-2	1562918	1605057	1506952	1558309	3.16	cps
Scandium	45-1	2347375	2398057	2291656	2345696	2.27	cps
Scandium	45-2	91627	89892	89138	90219	1.41	cps
Selenium	82-1	71	79	27	59	47.40	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	45	55	40	47	16.38	cps
Silicon	28-1	7164865	7066629	7045949	7092481	0.90	cps
Silver	109-1	125	117	117	119	4.03	cps
Silver	107-1	67	125	92	94	30.98	cps
Sodium	23-2	13284960	13169920	13276340	13243740	0.48	cps
Strontium	86-1	125190	126487	127211	126296	0.81	cps
Strontium	88-1	1039588	1051433	1067536	1052852	1.33	cps
Sulfur	34-1	674865	679565	682218	678883	0.55	cps
Terbium	159-1	3487109	3378420	3331721	3399083	2.35	cps
Terbium	159-2	1803752	1796692	1763190	1787878	1.21	cps
Thallium	203-1	42	33	33	36	13.33	cps
Thallium	205-1	175	183	83	147	37.69	cps
Tin	118-1	442	608	600	550	17.08	cps
Titanium	47-1	1725	1783	1792	1767	2.06	cps
Uranium	238-1	12957	13049	13391	13132	1.74	cps
Vanadium	51-2	213	160	137	170	23.12	cps
Yttrium	89-1	5901813	5727779	5698916	5776169	1.90	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5778-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:05:25	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	733628	726681	706638	722315	1.94	cps
Zinc	66-2	280	290	243	271	9.06	cps
Zirconium	90-1	425	325	408	386	13.88	cps
Zirconium	91-1	75	42	92	69	36.66	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5052-13 Instrumnet Name : P8
 Client Sample ID : TU032-32-6029-121020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:08:13 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510	475	426	470	8.94	cps
Antimony	121-1	67	58	67	64	7.54	cps
Arsenic	75-2	825	931	911	889	6.34	cps
Barium	135-1	14708	15676	16460	15615	5.62	cps
Barium	137-1	26978	26652	26936	26855	0.66	cps
Beryllium	9-1	132	130	126	129	2.36	cps
Bismuth	209-1	1959790	1806380	1867208	1877792	4.11	cps
Bismuth	209-2	1253975	1296816	1282260	1277684	1.70	cps
Boron	10-1	2838	3246	3228	3104	7.43	cps
Boron	11-1	14348	15059	15763	15057	4.70	cps
Bromine	81-1	22271	24557	25890	24239	7.55	cps
Cadmium	111-1	70	78	70	73	6.44	cps
Cadmium	106-1	1158	1033	1083	1092	5.76	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	489363	503270	499497	497377	1.45	cps
Calcium	44-1	8253394	8353239	8394890	8333841	0.87	cps
Chromium	52-2	1047	1023	1000	1023	2.28	cps
Cobalt	59-2	237	230	260	242	6.51	cps
Copper	63-2	5597	5540	5519	5552	0.72	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	25	0	50	25	100.00	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	13	27	17	19	36.75	cps
Holmium	165-1	3398931	3138555	3202892	3246792	4.18	cps
Holmium	165-2	1757116	1825518	1816973	1799869	2.07	cps
Indium	115-1	3401744	3007951	3185887	3198527	6.17	cps
Indium	115-2	556188	571025	567310	564841	1.37	cps
Iron	54-2	8453	8375	8703	8510	2.01	cps
Iron	56-2	151545	150794	151467	151269	0.27	cps
Iron	57-2	3878	3795	3784	3819	1.35	cps
Krypton	83-1	1807	1680	1890	1792	5.90	cps
Lead	206-1	1206	1361	1345	1304	6.55	cps
Lead	207-1	989	1050	1089	1043	4.83	cps
Lead	208-1	4639	5084	5189	4971	5.87	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6029-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:08:13	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1828868	1690691	1740422	1753327	3.99	cps
Magnesium	24-2	1028793	1014698	1033042	1025511	0.94	cps
Manganese	55-2	116386	114360	117657	116135	1.43	cps
Molybdenum	94-1	367	483	367	406	16.61	cps
Molybdenum	95-1	500	550	567	539	6.44	cps
Molybdenum	96-1	533	433	575	514	14.17	cps
Molybdenum	97-1	367	250	317	311	18.81	cps
Molybdenum	98-1	775	892	800	822	7.47	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	557	580	593	577	3.22	cps
Phosphorus	31-2	167	125	208	167	25.00	cps
Potassium	39-2	214121	215305	216464	215296	0.54	cps
Rhodium	103-1	3210363	2941578	3045783	3065908	4.42	cps
Rhodium	103-2	1565822	1606897	1602290	1591669	1.41	cps
Scandium	45-1	2562714	2286634	2379530	2409626	5.83	cps
Scandium	45-2	90871	90905	90845	90874	0.03	cps
Selenium	82-1	46	185	-11	74	137.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	40	50	37	42	16.09	cps
Silicon	28-1	11295169	11451357	11342558	11363028	0.70	cps
Silver	109-1	75	158	108	114	36.83	cps
Silver	107-1	92	92	133	106	22.79	cps
Sodium	23-2	3623846	3574258	3566587	3588230	0.87	cps
Strontium	86-1	295769	306159	296658	299529	1.92	cps
Strontium	88-1	2454296	2605045	2513781	2524374	3.01	cps
Sulfur	34-1	734898	743058	741960	739972	0.60	cps
Terbium	159-1	3640238	3362950	3544562	3515917	4.01	cps
Terbium	159-2	1783032	1779551	1771388	1777990	0.34	cps
Thallium	203-1	92	33	67	64	45.81	cps
Thallium	205-1	125	108	92	108	15.38	cps
Tin	118-1	158	200	167	175	12.60	cps
Titanium	47-1	458	542	583	528	12.06	cps
Uranium	238-1	2267	2492	2359	2373	4.77	cps
Vanadium	51-2	60	57	50	56	9.17	cps
Yttrium	89-1	6271642	5722088	5965345	5986359	4.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6029-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:08:13	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	719223	735998	731689	728970	1.20	cps
Zinc	66-2	213	257	230	233	9.37	cps
Zirconium	90-1	358	208	208	258	33.52	cps
Zirconium	91-1	83	25	67	58	51.51	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46671	46311	46542	46508	0.39	cps
Antimony	121-1	958	1083	958	1000	7.22	cps
Arsenic	75-2	2081	2053	2101	2079	1.16	cps
Barium	135-1	1558	1967	1892	1806	12.04	cps
Barium	137-1	3000	2859	2950	2937	2.45	cps
Beryllium	9-1	170	168	110	149	22.82	cps
Bismuth	209-1	1886085	1916596	1905626	1902769	0.81	cps
Bismuth	209-2	1288758	1272798	1315995	1292517	1.69	cps
Boron	10-1	3536	3854	4056	3815	6.87	cps
Boron	11-1	17183	18400	19777	18453	7.03	cps
Bromine	81-1	28528	33594	35150	32424	10.68	cps
Cadmium	111-1	78	90	86	85	7.58	cps
Cadmium	106-1	1167	1217	1108	1164	4.66	cps
Cadmium	108-1	50	42	13	35	56.71	cps
Calcium	43-1	144612	147042	147100	146251	0.97	cps
Calcium	44-1	2458225	2452814	2483616	2464885	0.67	cps
Chromium	52-2	883	967	913	921	4.58	cps
Cobalt	59-2	137	143	140	140	2.38	cps
Copper	63-2	829	799	759	796	4.42	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	17	42	36	48.03	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	3253280	3248901	3251352	3251178	0.07	cps
Holmium	165-2	1850232	1826589	1844136	1840319	0.67	cps
Indium	115-1	3125496	3199381	3208349	3177742	1.43	cps
Indium	115-2	568957	556709	580187	568618	2.07	cps
Iron	54-2	1267	1172	1195	1211	4.08	cps
Iron	56-2	19358	18824	18785	18989	1.69	cps
Iron	57-2	461	456	511	476	6.43	cps
Krypton	83-1	1670	1810	1790	1757	4.31	cps
Lead	206-1	561	600	533	565	5.93	cps
Lead	207-1	506	489	461	485	4.63	cps
Lead	208-1	2256	2278	2317	2283	1.35	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1704099	1768528	1761881	1744836	2.03	cps
Magnesium	24-2	4959	5259	5093	5104	2.95	cps
Manganese	55-2	813	837	853	834	2.41	cps
Molybdenum	94-1	37977	39298	39139	38805	1.86	cps
Molybdenum	95-1	66677	68243	69499	68140	2.07	cps
Molybdenum	96-1	70855	73168	71970	71998	1.61	cps
Molybdenum	97-1	41028	41780	40426	41078	1.65	cps
Molybdenum	98-1	107809	108699	106826	107778	0.87	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	13864	14044	13520	13809	1.93	cps
Phosphorus	31-2	200	125	142	156	25.32	cps
Potassium	39-2	258231	255938	253795	255988	0.87	cps
Rhodium	103-1	3066841	3075920	3046428	3063063	0.49	cps
Rhodium	103-2	1594089	1558090	1609945	1587375	1.67	cps
Scandium	45-1	2378107	2381707	2411602	2390472	0.77	cps
Scandium	45-2	92221	88319	94605	91715	3.46	cps
Selenium	82-1	149	49	15	71	97.86	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	48	47	40	45	9.69	cps
Silicon	28-1	10127692	10369032	10309682	10268802	1.22	cps
Silver	109-1	83	92	167	114	40.30	cps
Silver	107-1	67	142	83	97	40.50	cps
Sodium	23-2	8999452	9073086	8817438	8963326	1.47	cps
Strontium	86-1	281088	283049	279894	281344	0.57	cps
Strontium	88-1	2335175	2390687	2353196	2359686	1.20	cps
Sulfur	34-1	846349	844829	844781	845319	0.11	cps
Terbium	159-1	3434933	3530628	3522513	3496025	1.52	cps
Terbium	159-2	1806866	1813939	1861470	1827425	1.62	cps
Thallium	203-1	75	83	83	81	5.98	cps
Thallium	205-1	167	108	133	136	21.50	cps
Tin	118-1	267	375	308	317	17.26	cps
Titanium	47-1	542	567	567	558	2.59	cps
Uranium	238-1	75	108	92	92	18.18	cps
Vanadium	51-2	407	380	393	393	3.39	cps
Yttrium	89-1	5878230	6006246	5844824	5909767	1.44	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5052-14	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5228-121020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:11:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	730268	717811	749269	732449	2.16	cps
Zinc	66-2	430	473	477	460	5.66	cps
Zirconium	90-1	250	275	275	267	5.41	cps
Zirconium	91-1	117	83	50	83	40.00	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	908284	907274	903431	906329	0.28	cps
Antimony	121-1	1265255	1269750	1274932	1269979	0.38	cps
Arsenic	75-2	50879	51192	50766	50946	0.43	cps
Barium	135-1	1300383	1332882	1327598	1320288	1.32	cps
Barium	137-1	2277689	2239710	2253664	2257021	0.85	cps
Beryllium	9-1	393075	397374	394959	395136	0.55	cps
Bismuth	209-1	1756257	1780895	1825541	1787564	1.96	cps
Bismuth	209-2	1236049	1185703	1203893	1208548	2.11	cps
Boron	10-1	27360	30980	32381	30240	8.57	cps
Boron	11-1	133350	147955	157179	146161	8.22	cps
Bromine	81-1	10435	10084	9243	9920	6.18	cps
Cadmium	111-1	271746	273225	267513	270828	1.09	cps
Cadmium	106-1	30351	30184	30877	30470	1.19	cps
Cadmium	108-1	19723	20465	21095	20428	3.36	cps
Calcium	43-1	1877256	1884881	1873023	1878387	0.32	cps
Calcium	44-1	31102438	31093703	30684883	30960341	0.77	cps
Chromium	52-2	410910	406415	404163	407163	0.84	cps
Cobalt	59-2	699342	699576	689580	696166	0.82	cps
Copper	63-2	5014231	4826288	4944782	4928434	1.93	cps
Dysprosium	156-1	108	117	142	122	14.19	cps
Dysprosium	156-2	43	47	47	46	4.23	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	125	125	167	139	17.32	cps
Gadolinium	160-2	60	30	30	40	43.30	cps
Holmium	165-1	3155279	3188565	3138068	3160637	0.81	cps
Holmium	165-2	1810516	1741263	1746752	1766177	2.18	cps
Indium	115-1	2967827	2995109	3055198	3006045	1.49	cps
Indium	115-2	553437	525840	532891	537390	2.67	cps
Iron	54-2	4044047	4051028	4058073	4051049	0.17	cps
Iron	56-2	72576960	73791210	72425916	72931362	1.03	cps
Iron	57-2	1883858	1847389	1858096	1863115	1.01	cps
Krypton	83-1	1733	1690	1863	1762	5.12	cps
Lead	206-1	3445488	3448290	3441264	3445014	0.10	cps
Lead	207-1	3029900	3058175	3108545	3065540	1.30	cps
Lead	208-1	13660194	13829016	13920156	13803122	0.96	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1685719	1690182	1673580	1683160	0.51	cps
Magnesium	24-2	13938585	13961623	13892497	13930901	0.25	cps
Manganese	55-2	1963480	1969416	1947842	1960246	0.57	cps
Molybdenum	94-1	2448945	2512032	2507129	2489369	1.41	cps
Molybdenum	95-1	3018697	3052518	3032624	3034613	0.56	cps
Molybdenum	96-1	3366959	3356723	3324854	3349512	0.66	cps
Molybdenum	97-1	1889602	1928614	1897880	1905365	1.08	cps
Molybdenum	98-1	4755409	4830955	4835507	4807291	0.94	cps
Neodymium	150-1	127	40	73	80	54.64	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	186381	186641	184278	185766	0.70	cps
Phosphorus	31-2	12989	13332	12431	12917	3.52	cps
Potassium	39-2	5585004	5522617	5493559	5533727	0.84	cps
Rhodium	103-1	2851339	2893082	2875808	2873409	0.73	cps
Rhodium	103-2	1540422	1444678	1494381	1493160	3.21	cps
Scandium	45-1	2300250	2295786	2247922	2281319	1.27	cps
Scandium	45-2	91016	86609	87769	88465	2.58	cps
Selenium	82-1	20362	20947	20075	20461	2.17	cps
Selenium	77-2	613	697	740	683	9.42	cps
Selenium	78-2	2337	2346	2330	2338	0.34	cps
Silicon	28-1	2232650	2420127	2544797	2399191	6.55	cps
Silver	109-1	1323427	1320175	1338223	1327275	0.72	cps
Silver	107-1	1398298	1406140	1407461	1403966	0.35	cps
Sodium	23-2	27587643	27421019	27036722	27348462	1.03	cps
Strontium	86-1	412816	414302	415838	414319	0.36	cps
Strontium	88-1	3461252	3499741	3503308	3488100	0.67	cps
Sulfur	34-1	663216	661148	663250	662538	0.18	cps
Terbium	159-1	3380463	3355450	3351637	3362517	0.47	cps
Terbium	159-2	1800199	1687485	1739965	1742550	3.24	cps
Thallium	203-1	789214	789870	788886	789323	0.06	cps
Thallium	205-1	1862743	1907732	1892328	1887601	1.21	cps
Tin	118-1	889207	903677	914549	902478	1.41	cps
Titanium	47-1	945418	948804	951524	948582	0.32	cps
Uranium	238-1	2352777	2348393	2367127	2356099	0.42	cps
Vanadium	51-2	339389	338136	334639	337388	0.73	cps
Yttrium	89-1	5692897	5654423	5781455	5709592	1.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:13:52	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	721265	687894	694779	701313	2.51	cps
Zinc	66-2	666591	673057	666279	668643	0.57	cps
Zirconium	90-1	2119390	2106001	2103691	2109694	0.40	cps
Zirconium	91-1	466698	470298	473094	470030	0.68	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:21:38	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385	390	380	385	1.30	cps
Antimony	121-1	158	92	175	142	31.13	cps
Arsenic	75-2	5	7	10	7	34.32	cps
Barium	135-1	33	0	33	22	86.60	cps
Barium	137-1	92	108	67	89	23.59	cps
Beryllium	9-1	182	196	164	181	8.88	cps
Bismuth	209-1	1780247	1803508	1758516	1780757	1.26	cps
Bismuth	209-2	1235265	1212010	1198922	1215399	1.51	cps
Boron	10-1	1208	1162	1054	1141	6.93	cps
Boron	11-1	5668	5398	5282	5449	3.64	cps
Bromine	81-1	3784	3504	3674	3654	3.87	cps
Cadmium	111-1	62	58	55	58	5.46	cps
Cadmium	106-1	950	1100	1042	1031	7.34	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	229	210	234	224	5.58	cps
Calcium	44-1	17097	16820	16912	16943	0.83	cps
Chromium	52-2	783	767	793	781	1.72	cps
Cobalt	59-2	67	107	73	82	26.07	cps
Copper	63-2	925	1010	991	975	4.60	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	3021306	3106656	3039400	3055787	1.47	cps
Holmium	165-2	1709933	1678831	1657224	1681996	1.58	cps
Indium	115-1	2920886	2977184	2990866	2962978	1.25	cps
Indium	115-2	535170	530119	522365	529218	1.22	cps
Iron	54-2	444	517	522	494	8.78	cps
Iron	56-2	4718	4551	4718	4662	2.07	cps
Iron	57-2	106	211	194	170	33.31	cps
Krypton	83-1	2067	1883	1960	1970	4.67	cps
Lead	206-1	561	633	594	596	6.06	cps
Lead	207-1	500	550	517	522	4.88	cps
Lead	208-1	2483	2406	2411	2433	1.78	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P8
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:21:38 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1636217	1686416	1620479	1647704	2.09	cps
Magnesium	24-2	917	1058	925	967	8.22	cps
Manganese	55-2	213	233	213	220	5.25	cps
Molybdenum	94-1	125	142	192	153	22.71	cps
Molybdenum	95-1	75	58	83	72	17.62	cps
Molybdenum	96-1	117	92	92	100	14.43	cps
Molybdenum	97-1	33	17	75	42	72.11	cps
Molybdenum	98-1	100	83	108	97	13.09	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	100	127	133	120	14.70	cps
Phosphorus	31-2	267	117	150	178	44.31	cps
Potassium	39-2	26926	25915	26842	26561	2.11	cps
Rhodium	103-1	2858432	2925781	2938762	2907658	1.48	cps
Rhodium	103-2	1499991	1511283	1480714	1497329	1.03	cps
Scandium	45-1	2166270	2202973	2196682	2188641	0.90	cps
Scandium	45-2	85764	84604	84174	84847	0.97	cps
Selenium	82-1	-140	98	-66	-36	-339.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	52	29	43	28.59	cps
Silicon	28-1	1228857	1205803	1200902	1211854	1.23	cps
Silver	109-1	192	300	400	297	35.06	cps
Silver	107-1	175	308	408	297	39.38	cps
Sodium	23-2	42554	42136	41852	42181	0.84	cps
Strontium	86-1	3034	3042	2900	2992	2.66	cps
Strontium	88-1	250	200	175	208	18.33	cps
Sulfur	34-1	531295	530919	531168	531127	0.04	cps
Terbium	159-1	3239370	3324456	3256756	3273527	1.37	cps
Terbium	159-2	1738119	1663937	1656273	1686110	2.68	cps
Thallium	203-1	208	192	117	172	28.35	cps
Thallium	205-1	408	317	275	333	20.46	cps
Tin	118-1	142	192	142	158	18.23	cps
Titanium	47-1	325	342	333	333	2.50	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	30	20	13	21	39.75	cps
Yttrium	89-1	5547103	5598271	5441014	5528796	1.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:21:38	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	687550	680559	673424	680511	1.04	cps
Zinc	66-2	87	67	90	81	15.56	cps
Zirconium	90-1	142	233	250	208	28.00	cps
Zirconium	91-1	25	75	50	50	50.00	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PB133614BL Instrumnet Name : P8
 Client Sample ID : PB133614BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:24:31 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416	366	399	394	6.44	cps
Antimony	121-1	67	100	108	92	24.05	cps
Arsenic	75-2	5	6	11	7	43.83	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	83	42	58	61	34.32	cps
Beryllium	9-1	208	196	174	193	8.95	cps
Bismuth	209-1	1692071	1781803	1795662	1756512	3.20	cps
Bismuth	209-2	1205802	1207185	1210993	1207993	0.22	cps
Boron	10-1	942	866	888	899	4.35	cps
Boron	11-1	4156	3912	4140	4069	3.35	cps
Bromine	81-1	3324	3514	3254	3364	4.00	cps
Cadmium	111-1	68	48	50	55	20.43	cps
Cadmium	106-1	992	1000	1058	1017	3.57	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	205	214	195	205	4.59	cps
Calcium	44-1	16369	16817	16259	16481	1.79	cps
Chromium	52-2	837	743	830	803	6.48	cps
Cobalt	59-2	83	77	67	76	11.10	cps
Copper	63-2	761	791	828	793	4.24	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	2896687	3030173	2993877	2973579	2.32	cps
Holmium	165-2	1684502	1704545	1721651	1703566	1.09	cps
Indium	115-1	2879000	2974568	3013902	2955823	2.35	cps
Indium	115-2	525956	525867	531316	527713	0.59	cps
Iron	54-2	406	400	450	419	6.55	cps
Iron	56-2	3639	3612	3773	3675	2.34	cps
Iron	57-2	139	111	78	109	28.00	cps
Krypton	83-1	1860	1990	1863	1905	3.89	cps
Lead	206-1	639	444	550	544	17.88	cps
Lead	207-1	528	489	500	506	3.96	cps
Lead	208-1	2350	1956	2022	2109	10.01	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BL	Instrumnet Name :	P8
Client Sample ID :	PB133614BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:24:31	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1614363	1632431	1655544	1634113	1.26	cps
Magnesium	24-2	858	758	1017	878	14.84	cps
Manganese	55-2	150	143	143	146	2.64	cps
Molybdenum	94-1	83	75	133	97	32.45	cps
Molybdenum	95-1	75	75	58	69	13.86	cps
Molybdenum	96-1	125	58	67	83	43.59	cps
Molybdenum	97-1	17	0	42	19	107.85	cps
Molybdenum	98-1	25	50	58	44	39.03	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	117	137	106	35.92	cps
Phosphorus	31-2	158	133	167	153	11.35	cps
Potassium	39-2	26558	25532	26976	26355	2.82	cps
Rhodium	103-1	2821966	2937574	2925153	2894897	2.19	cps
Rhodium	103-2	1463259	1482619	1505200	1483693	1.41	cps
Scandium	45-1	2190348	2235882	2222058	2216096	1.05	cps
Scandium	45-2	83906	84375	84476	84253	0.36	cps
Selenium	82-1	23	-136	69	-15	-727.34	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	46	40	42	43	7.16	cps
Silicon	28-1	1186939	1187531	1227245	1200572	1.92	cps
Silver	109-1	150	158	233	181	25.42	cps
Silver	107-1	200	183	300	228	27.70	cps
Sodium	23-2	41134	41075	40214	40808	1.26	cps
Strontium	86-1	2959	2825	2809	2864	2.87	cps
Strontium	88-1	158	158	142	153	6.30	cps
Sulfur	34-1	536749	533770	527962	532827	0.84	cps
Terbium	159-1	3148212	3253358	3274413	3225327	2.10	cps
Terbium	159-2	1669257	1670407	1657518	1665727	0.43	cps
Thallium	203-1	150	117	150	139	13.86	cps
Thallium	205-1	308	275	208	264	19.30	cps
Tin	118-1	183	133	250	189	30.99	cps
Titanium	47-1	283	308	292	294	4.32	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	7	10	23	13	66.12	cps
Yttrium	89-1	5445835	5525833	5583708	5518459	1.25	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BL	Instrumnet Name :	P8
Client Sample ID :	PB133614BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:24:31	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	674016	679417	676300	676578	0.40	cps
Zinc	66-2	70	73	57	67	13.22	cps
Zirconium	90-1	200	283	133	206	36.56	cps
Zirconium	91-1	75	58	50	61	20.83	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190981	189753	191300	190678	0.43	cps
Antimony	121-1	1281448	1326651	1280866	1296322	2.03	cps
Arsenic	75-2	51108	50789	51582	51159	0.78	cps
Barium	135-1	1324778	1350027	1308029	1327611	1.59	cps
Barium	137-1	2252897	2294525	2246887	2264770	1.15	cps
Beryllium	9-1	392202	405837	395696	397912	1.78	cps
Bismuth	209-1	1875887	1849477	1808332	1844566	1.85	cps
Bismuth	209-2	1230813	1206941	1240120	1225958	1.40	cps
Boron	10-1	24481	28656	29710	27616	10.01	cps
Boron	11-1	116170	136910	144090	132390	10.95	cps
Bromine	81-1	3694	3434	3284	3471	5.98	cps
Cadmium	111-1	276621	287055	276560	280079	2.16	cps
Cadmium	106-1	30902	32246	31111	31420	2.30	cps
Cadmium	108-1	20970	21822	20912	21235	2.40	cps
Calcium	43-1	365847	376146	367150	369715	1.52	cps
Calcium	44-1	6193772	6433365	6072398	6233178	2.95	cps
Chromium	52-2	404650	400725	405311	403562	0.61	cps
Cobalt	59-2	703821	700897	709437	704719	0.62	cps
Copper	63-2	5036111	4924355	5057348	5005938	1.43	cps
Dysprosium	156-1	50	17	50	39	49.48	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	23	33	27	28	18.33	cps
Holmium	165-1	3209037	3191268	3159586	3186630	0.79	cps
Holmium	165-2	1730060	1721970	1751307	1734446	0.87	cps
Indium	115-1	3112459	3122408	3043760	3092876	1.38	cps
Indium	115-2	536577	532472	537717	535589	0.52	cps
Iron	54-2	852095	844126	854216	850146	0.63	cps
Iron	56-2	15552644	15059016	15312282	15307981	1.61	cps
Iron	57-2	386036	380588	383352	383325	0.71	cps
Krypton	83-1	1967	1683	1697	1782	8.97	cps
Lead	206-1	3494410	3500784	3376989	3457394	2.02	cps
Lead	207-1	3115594	3159547	3047730	3107624	1.81	cps
Lead	208-1	13927033	14222057	13659545	13936212	2.02	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1679385	1701572	1660308	1680421	1.23	cps
Magnesium	24-2	2903494	2890000	2878362	2890619	0.44	cps
Manganese	55-2	1968961	1955458	1987050	1970490	0.80	cps
Molybdenum	94-1	2468255	2579976	2469544	2505925	2.56	cps
Molybdenum	95-1	2958516	3105204	2985213	3016311	2.59	cps
Molybdenum	96-1	3341628	3516830	3352300	3403586	2.89	cps
Molybdenum	97-1	1901302	1938266	1869811	1903126	1.80	cps
Molybdenum	98-1	4800319	4938919	4778399	4839212	1.80	cps
Neodymium	150-1	100	47	87	78	35.68	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	189076	185298	187278	187217	1.01	cps
Phosphorus	31-2	12739	12764	12572	12692	0.82	cps
Potassium	39-2	1188952	1186326	1197503	1190927	0.49	cps
Rhodium	103-1	3024674	3024250	2970476	3006467	1.04	cps
Rhodium	103-2	1525777	1486041	1505429	1505749	1.32	cps
Scandium	45-1	2347054	2337693	2302914	2329220	1.00	cps
Scandium	45-2	86572	86381	88094	87016	1.08	cps
Selenium	82-1	20439	21491	21026	20985	2.51	cps
Selenium	77-2	603	827	773	734	15.88	cps
Selenium	78-2	2443	2479	2481	2468	0.87	cps
Silicon	28-1	2096985	2204098	2242630	2181238	3.46	cps
Silver	109-1	1356362	1415804	1365463	1379210	2.32	cps
Silver	107-1	1452387	1479970	1431691	1454683	1.67	cps
Sodium	23-2	5792914	5672090	5710422	5725142	1.08	cps
Strontium	86-1	409781	428747	418939	419156	2.26	cps
Strontium	88-1	3437572	3581465	3476683	3498573	2.13	cps
Sulfur	34-1	664231	669788	660313	664777	0.72	cps
Terbium	159-1	3391722	3414819	3342926	3383156	1.08	cps
Terbium	159-2	1760192	1687629	1718225	1722015	2.12	cps
Thallium	203-1	803545	817519	793341	804802	1.51	cps
Thallium	205-1	1871167	1937113	1880369	1896216	1.88	cps
Tin	118-1	913184	945927	904506	921206	2.37	cps
Titanium	47-1	952159	988519	952509	964396	2.17	cps
Uranium	238-1	2296811	2385015	2314072	2331966	2.00	cps
Vanadium	51-2	339673	335385	337179	337412	0.64	cps
Yttrium	89-1	5834066	5864667	5734126	5810953	1.17	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133614BS	Instrumnet Name :	P8
Client Sample ID :	PB133614BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:27:23	DataFile Name :	067LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	693246	693781	703388	696805	0.82	cps
Zinc	66-2	687125	680368	686661	684718	0.55	cps
Zirconium	90-1	2082571	2168766	2090978	2114105	2.25	cps
Zirconium	91-1	470553	482951	467566	473690	1.72	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:30:13 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726	726	699	717	2.21	cps
Antimony	121-1	608	550	583	581	5.04	cps
Arsenic	75-2	4993	5257	5080	5110	2.62	cps
Barium	135-1	109331	108331	111758	109807	1.61	cps
Barium	137-1	180601	188952	189897	186484	2.74	cps
Beryllium	9-1	326	328	300	318	4.91	cps
Bismuth	209-1	1850412	1844572	1927200	1874062	2.46	cps
Bismuth	209-2	1239978	1312008	1274210	1275398	2.82	cps
Boron	10-1	7116	7150	6906	7058	1.87	cps
Boron	11-1	34159	34050	33149	33786	1.64	cps
Bromine	81-1	13470	16366	17659	15832	13.55	cps
Cadmium	111-1	143	108	114	122	15.67	cps
Cadmium	106-1	1333	1283	1233	1283	3.90	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	84671	85497	85285	85151	0.50	cps
Calcium	44-1	1434688	1448450	1467119	1450086	1.12	cps
Chromium	52-2	6178	6345	6278	6267	1.34	cps
Cobalt	59-2	303	380	433	372	17.56	cps
Copper	63-2	122718	121851	122680	122417	0.40	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	30	10	13	18	60.28	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	20	30	33	28	24.98	cps
Gadolinium	160-1	50	50	92	64	37.66	cps
Gadolinium	160-2	20	17	37	24	43.83	cps
Holmium	165-1	3281178	3269265	3239530	3263324	0.66	cps
Holmium	165-2	1756391	1836467	1806702	1799853	2.25	cps
Indium	115-1	3173402	3265260	3194813	3211158	1.50	cps
Indium	115-2	552711	572632	564721	563355	1.78	cps
Iron	54-2	13240	13824	13084	13382	2.91	cps
Iron	56-2	235949	236039	232290	234759	0.91	cps
Iron	57-2	5590	5707	6096	5798	4.57	cps
Krypton	83-1	1987	1857	1827	1890	4.50	cps
Lead	206-1	2161	2345	2139	2215	5.09	cps
Lead	207-1	1783	1972	1928	1895	5.21	cps
Lead	208-1	8801	8957	9229	8996	2.41	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:30:13	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1694654	1736958	1696443	1709352	1.40	cps
Magnesium	24-2	335294	328536	328225	330685	1.21	cps
Manganese	55-2	495391	490326	491920	492546	0.53	cps
Molybdenum	94-1	1058	1042	1133	1078	4.53	cps
Molybdenum	95-1	1850	1700	1642	1731	6.21	cps
Molybdenum	96-1	2142	1792	1934	1956	9.00	cps
Molybdenum	97-1	1183	1025	925	1045	12.47	cps
Molybdenum	98-1	2850	2692	2442	2661	7.74	cps
Neodymium	150-1	13	40	33	29	48.05	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	5748	5514	5504	5589	2.46	cps
Phosphorus	31-2	392	375	400	389	3.27	cps
Potassium	39-2	276267	278472	282932	279224	1.22	cps
Rhodium	103-1	3019465	3062447	3067181	3049697	0.86	cps
Rhodium	103-2	1520635	1595790	1561780	1559402	2.41	cps
Scandium	45-1	2350848	2365636	2386840	2367775	0.76	cps
Scandium	45-2	88158	94693	90872	91241	3.60	cps
Selenium	82-1	-131	36	-2	-32	-270.29	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	54	34	57	48	25.88	cps
Silicon	28-1	7812786	7835564	7964786	7871045	1.04	cps
Silver	109-1	200	167	133	167	20.00	cps
Silver	107-1	158	125	158	147	13.07	cps
Sodium	23-2	11719845	11693756	11739390	11717664	0.20	cps
Strontium	86-1	114072	115408	116820	115433	1.19	cps
Strontium	88-1	938018	959410	957528	951652	1.24	cps
Sulfur	34-1	642990	646815	650582	646796	0.59	cps
Terbium	159-1	3477549	3519893	3444892	3480778	1.08	cps
Terbium	159-2	1763363	1829217	1800983	1797854	1.84	cps
Thallium	203-1	458	408	442	436	5.84	cps
Thallium	205-1	1175	983	1058	1072	9.01	cps
Tin	118-1	358	242	267	289	21.26	cps
Titanium	47-1	750	492	417	553	31.63	cps
Uranium	238-1	2575	2484	2325	2461	5.14	cps
Vanadium	51-2	93	50	47	63	41.10	cps
Yttrium	89-1	5812959	6037816	5862700	5904492	2.00	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:30:13	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	710423	742140	726696	726419	2.18	cps
Zinc	66-2	2257	2154	2130	2180	3.09	cps
Zirconium	90-1	550	392	400	447	19.92	cps
Zirconium	91-1	100	100	58	86	27.93	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:33:02	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607	642	666	639	4.63	cps
Antimony	121-1	342	267	300	303	12.41	cps
Arsenic	75-2	5109	5123	5121	5118	0.15	cps
Barium	135-1	107954	111422	109574	109650	1.58	cps
Barium	137-1	184785	184656	189075	186172	1.35	cps
Beryllium	9-1	204	208	194	202	3.57	cps
Bismuth	209-1	1818745	1904402	1922054	1881734	2.94	cps
Bismuth	209-2	1285087	1269844	1262170	1272367	0.92	cps
Boron	10-1	4730	5158	5060	4983	4.50	cps
Boron	11-1	22911	24644	25164	24240	4.87	cps
Bromine	81-1	17138	19413	21538	19363	11.36	cps
Cadmium	111-1	102	108	102	104	3.37	cps
Cadmium	106-1	1250	1292	1308	1283	2.34	cps
Cadmium	108-1	33	33	4	24	71.31	cps
Calcium	43-1	84297	85521	85154	84991	0.74	cps
Calcium	44-1	1426461	1489376	1439639	1451826	2.29	cps
Chromium	52-2	5521	5318	5378	5406	1.93	cps
Cobalt	59-2	347	347	340	344	1.12	cps
Copper	63-2	123016	121000	121790	121935	0.83	cps
Dysprosium	156-1	8	50	33	31	68.64	cps
Dysprosium	156-2	23	13	3	13	75.02	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	43	30	23	32	31.61	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	3197611	3284692	3285809	3256038	1.55	cps
Holmium	165-2	1817462	1796548	1791090	1801700	0.77	cps
Indium	115-1	3146906	3178590	3235765	3187087	1.41	cps
Indium	115-2	566956	560294	563728	563659	0.59	cps
Iron	54-2	13774	12533	13062	13123	4.74	cps
Iron	56-2	233593	231413	231158	232055	0.58	cps
Iron	57-2	5479	5679	5796	5651	2.83	cps
Krypton	83-1	1833	1773	1910	1839	3.73	cps
Lead	206-1	2117	1917	2256	2097	8.13	cps
Lead	207-1	1845	1700	1822	1789	4.35	cps
Lead	208-1	8235	7757	8346	8112	3.86	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:33:02 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1745561	1718578	1714761	1726300	0.97	cps
Magnesium	24-2	327543	329588	337718	331616	1.62	cps
Manganese	55-2	491395	487193	491510	490033	0.50	cps
Molybdenum	94-1	1000	983	975	986	1.29	cps
Molybdenum	95-1	1550	1508	1400	1486	5.21	cps
Molybdenum	96-1	1608	1817	1775	1733	6.36	cps
Molybdenum	97-1	1042	908	992	981	6.87	cps
Molybdenum	98-1	2500	2300	2300	2367	4.88	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	5281	5338	5314	5311	0.54	cps
Phosphorus	31-2	292	333	317	314	6.68	cps
Potassium	39-2	273429	275545	278407	275794	0.91	cps
Rhodium	103-1	3069489	3044103	3032853	3048815	0.62	cps
Rhodium	103-2	1596162	1537910	1547460	1560510	2.00	cps
Scandium	45-1	2397554	2400609	2399005	2399056	0.06	cps
Scandium	45-2	92706	89882	90124	90904	1.72	cps
Selenium	82-1	10	23	-129	-32	-263.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	42	48	42	13.02	cps
Silicon	28-1	7777535	7932491	7801367	7837131	1.06	cps
Silver	109-1	75	58	92	75	22.23	cps
Silver	107-1	50	33	100	61	56.78	cps
Sodium	23-2	11596705	11689327	11759838	11681957	0.70	cps
Strontium	86-1	115180	116030	113299	114836	1.22	cps
Strontium	88-1	950508	973178	957609	960432	1.21	cps
Sulfur	34-1	641215	643868	648738	644607	0.59	cps
Terbium	159-1	3414747	3472651	3412542	3433313	0.99	cps
Terbium	159-2	1808488	1779102	1803123	1796904	0.87	cps
Thallium	203-1	117	158	167	147	18.20	cps
Thallium	205-1	475	408	450	444	7.58	cps
Tin	118-1	217	158	267	214	25.35	cps
Titanium	47-1	608	517	508	544	10.19	cps
Uranium	238-1	2100	2117	2150	2122	1.20	cps
Vanadium	51-2	47	37	53	46	18.41	cps
Yttrium	89-1	5827998	5964624	5786900	5859841	1.59	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:33:02	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	738446	713377	723831	725218	1.74	cps
Zinc	66-2	2074	2237	2097	2136	4.14	cps
Zirconium	90-1	275	909	417	534	62.36	cps
Zirconium	91-1	92	67	117	92	27.27	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 17:35:52	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	462	456	416	445	5.64	cps
Antimony	121-1	125	92	175	131	32.13	cps
Arsenic	75-2	982	913	967	954	3.80	cps
Barium	135-1	20433	20775	20374	20527	1.05	cps
Barium	137-1	34528	35230	34838	34865	1.01	cps
Beryllium	9-1	188	178	166	177	6.21	cps
Bismuth	209-1	1809335	1731627	1797427	1779463	2.35	cps
Bismuth	209-2	1217774	1249986	1212138	1226633	1.66	cps
Boron	10-1	1980	2078	1928	1995	3.82	cps
Boron	11-1	9907	9913	9949	9923	0.23	cps
Bromine	81-1	8652	9283	8752	8895	3.81	cps
Cadmium	111-1	61	75	78	71	12.93	cps
Cadmium	106-1	1200	1158	1267	1208	4.52	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Calcium	43-1	16122	16133	16228	16161	0.36	cps
Calcium	44-1	281896	286626	285050	284524	0.85	cps
Chromium	52-2	1877	1823	1820	1840	1.73	cps
Cobalt	59-2	123	140	93	119	19.89	cps
Copper	63-2	24026	24143	23807	23992	0.71	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	27	20	3	17	72.13	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	3043040	3106674	3131418	3093711	1.47	cps
Holmium	165-2	1700454	1741275	1747566	1729765	1.48	cps
Indium	115-1	3030976	3030652	3049658	3037095	0.36	cps
Indium	115-2	548125	553751	534131	545336	1.85	cps
Iron	54-2	2723	2945	2767	2811	4.18	cps
Iron	56-2	47390	46370	46560	46773	1.16	cps
Iron	57-2	1172	1272	1178	1207	4.65	cps
Krypton	83-1	2014	1753	1933	1900	7.01	cps
Lead	206-1	794	811	783	796	1.76	cps
Lead	207-1	694	756	661	704	6.81	cps
Lead	208-1	3178	3495	2984	3219	8.02	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 17:35:52	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1702383	1648731	1670064	1673726	1.61	cps
Magnesium	24-2	64100	62886	62845	63277	1.13	cps
Manganese	55-2	93138	91551	93094	92594	0.98	cps
Molybdenum	94-1	250	367	325	314	18.84	cps
Molybdenum	95-1	300	350	267	306	13.73	cps
Molybdenum	96-1	392	450	350	397	12.65	cps
Molybdenum	97-1	200	125	125	150	28.87	cps
Molybdenum	98-1	358	550	567	492	23.55	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1133	1173	1187	1165	2.38	cps
Phosphorus	31-2	158	208	225	197	17.59	cps
Potassium	39-2	71628	72323	72825	72259	0.83	cps
Rhodium	103-1	2898936	2948994	2910729	2919553	0.90	cps
Rhodium	103-2	1529951	1553565	1507802	1530439	1.50	cps
Scandium	45-1	2250907	2305356	2272586	2276283	1.20	cps
Scandium	45-2	87698	89161	87169	88009	1.17	cps
Selenium	82-1	-138	70	-121	-63	-183.53	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	54	27	45	42	32.74	cps
Silicon	28-1	2450699	2495684	2436216	2460866	1.26	cps
Silver	109-1	67	83	158	103	47.51	cps
Silver	107-1	142	133	192	156	20.28	cps
Sodium	23-2	2238926	2258045	2221791	2239587	0.81	cps
Strontium	86-1	23011	23612	24029	23551	2.17	cps
Strontium	88-1	176018	182262	182740	180340	2.08	cps
Sulfur	34-1	542844	544023	540747	542538	0.31	cps
Terbium	159-1	3235213	3280883	3296823	3270973	0.98	cps
Terbium	159-2	1715448	1753410	1682808	1717222	2.06	cps
Thallium	203-1	92	108	125	108	15.38	cps
Thallium	205-1	300	283	300	294	3.27	cps
Tin	118-1	117	150	125	131	13.29	cps
Titanium	47-1	292	308	417	339	20.03	cps
Uranium	238-1	642	517	483	547	15.25	cps
Vanadium	51-2	20	30	30	27	21.65	cps
Yttrium	89-1	5513107	5608570	5716709	5612795	1.81	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 17:35:52	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	705603	714990	689237	703277	1.85	cps
Zinc	66-2	490	443	537	490	9.52	cps
Zirconium	90-1	242	275	225	247	10.30	cps
Zirconium	91-1	50	83	58	64	27.16	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02MS Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:38:43 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209856	208844	206866	208522	0.73	cps
Antimony	121-1	1305826	1340104	1344079	1330003	1.58	cps
Arsenic	75-2	60550	61340	59886	60592	1.20	cps
Barium	135-1	1512760	1531036	1545609	1529802	1.08	cps
Barium	137-1	2605435	2616188	2622948	2614857	0.34	cps
Beryllium	9-1	401983	410327	409914	407408	1.15	cps
Bismuth	209-1	1822886	1819192	1850212	1830763	0.93	cps
Bismuth	209-2	1281579	1275540	1260743	1272621	0.84	cps
Boron	10-1	31590	35570	38691	35283	10.09	cps
Boron	11-1	151107	173132	186684	170308	10.54	cps
Bromine	81-1	12418	14192	14803	13804	8.97	cps
Cadmium	111-1	280351	285577	290447	285459	1.77	cps
Cadmium	106-1	30860	31437	33124	31807	3.70	cps
Cadmium	108-1	21371	21805	22126	21767	1.74	cps
Calcium	43-1	469164	482433	484163	478587	1.71	cps
Calcium	44-1	7836529	8084112	7980829	7967157	1.56	cps
Chromium	52-2	428855	428623	423852	427110	0.66	cps
Cobalt	59-2	734031	730442	727058	730510	0.48	cps
Copper	63-2	1195844	1204602	1192896	1197781	0.51	cps
Dysprosium	156-1	75	83	50	69	24.98	cps
Dysprosium	156-2	20	27	13	20	33.35	cps
Erbium	164-1	50	100	33	61	56.78	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	25	75	50	50	50.00	cps
Gadolinium	160-2	20	30	27	26	19.92	cps
Holmium	165-1	3239566	3166813	3146484	3184287	1.54	cps
Holmium	165-2	1806757	1815863	1786272	1802964	0.84	cps
Indium	115-1	3105600	3084611	3061407	3083873	0.72	cps
Indium	115-2	566091	558911	556006	560336	0.93	cps
Iron	54-2	942720	944149	935978	940949	0.46	cps
Iron	56-2	16876235	16862086	16740048	16826123	0.45	cps
Iron	57-2	420654	418858	416104	418539	0.55	cps
Krypton	83-1	1817	1783	1773	1791	1.27	cps
Lead	206-1	638486	656374	661518	652126	1.85	cps
Lead	207-1	581852	589607	593199	588219	0.99	cps
Lead	208-1	2594665	2652093	2671879	2639546	1.52	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MS	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:38:43	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1726432	1695955	1665925	1696104	1.78	cps
Magnesium	24-2	3579119	3588663	3635077	3600953	0.83	cps
Manganese	55-2	914164	910578	905972	910238	0.45	cps
Molybdenum	94-1	2654271	2735474	2736891	2708879	1.75	cps
Molybdenum	95-1	3259950	3388272	3387645	3345289	2.21	cps
Molybdenum	96-1	3619752	3750476	3762246	3710825	2.13	cps
Molybdenum	97-1	2063311	2106798	2133952	2101354	1.70	cps
Molybdenum	98-1	5216766	5371648	5399935	5329450	1.85	cps
Neodymium	150-1	53	100	67	73	32.78	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	210971	211679	210633	211094	0.25	cps
Phosphorus	31-2	400	333	392	375	9.69	cps
Potassium	39-2	1564673	1571034	1519543	1551750	1.81	cps
Rhodium	103-1	2976144	2977399	2994131	2982558	0.34	cps
Rhodium	103-2	1606296	1560397	1569727	1578807	1.54	cps
Scandium	45-1	2329281	2324356	2335279	2329639	0.23	cps
Scandium	45-2	92814	92119	91355	92096	0.79	cps
Selenium	82-1	21086	21643	21562	21430	1.41	cps
Selenium	77-2	810	770	847	809	4.74	cps
Selenium	78-2	2653	2516	2491	2553	3.39	cps
Silicon	28-1	8519800	8634165	8863830	8672598	2.02	cps
Silver	109-1	224203	226110	230297	226870	1.37	cps
Silver	107-1	234667	242223	242217	239703	1.82	cps
Sodium	23-2	17729494	17525524	17430682	17561900	0.87	cps
Strontium	86-1	528333	547295	552375	542668	2.33	cps
Strontium	88-1	4494799	4614178	4618515	4575831	1.53	cps
Sulfur	34-1	637489	641443	639994	639642	0.31	cps
Terbium	159-1	3425662	3363926	3417060	3402216	0.98	cps
Terbium	159-2	1812438	1808049	1801872	1807453	0.29	cps
Thallium	203-1	805913	816946	835394	819417	1.82	cps
Thallium	205-1	1912251	1924607	1993037	1943298	2.24	cps
Tin	118-1	979909	988665	1000347	989640	1.04	cps
Titanium	47-1	999538	1026776	1037146	1021153	1.90	cps
Uranium	238-1	2297635	2361627	2475737	2378333	3.79	cps
Vanadium	51-2	354674	354760	353265	354233	0.24	cps
Yttrium	89-1	5976694	5797002	5856238	5876645	1.56	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MS	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:38:43	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	739445	728351	733094	733630	0.76	cps
Zinc	66-2	150793	151635	149980	150803	0.55	cps
Zirconium	90-1	2130610	2179515	2191316	2167147	1.49	cps
Zirconium	91-1	482877	490927	491843	488549	1.01	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02MSD Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:41:33 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207762	206861	207502	207375	0.22	cps
Antimony	121-1	1328381	1343055	1344273	1338569	0.66	cps
Arsenic	75-2	60713	60413	60949	60691	0.44	cps
Barium	135-1	1517301	1514539	1535967	1522602	0.77	cps
Barium	137-1	2620654	2607292	2606462	2611469	0.30	cps
Beryllium	9-1	396201	402475	406800	401826	1.33	cps
Bismuth	209-1	1861951	1879247	1861938	1867712	0.53	cps
Bismuth	209-2	1257624	1258941	1288186	1268250	1.36	cps
Boron	10-1	34524	38919	41829	38424	9.57	cps
Boron	11-1	167993	187729	200154	185292	8.75	cps
Bromine	81-1	12679	13891	16066	14212	12.07	cps
Cadmium	111-1	284798	284451	286869	285372	0.46	cps
Cadmium	106-1	31503	32088	31804	31798	0.92	cps
Cadmium	108-1	21241	22043	22155	21813	2.28	cps
Calcium	43-1	462188	473946	478528	471554	1.79	cps
Calcium	44-1	7633191	7881069	8013026	7842429	2.46	cps
Chromium	52-2	425895	428535	425755	426728	0.37	cps
Cobalt	59-2	726852	725214	730372	727479	0.36	cps
Copper	63-2	1191808	1185055	1199102	1191988	0.59	cps
Dysprosium	156-1	75	67	75	72	6.66	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	47	40	37	41	12.39	cps
Holmium	165-1	3244504	3217201	3180743	3214149	1.00	cps
Holmium	165-2	1786241	1794732	1813141	1798038	0.76	cps
Indium	115-1	3161589	3091818	3183320	3145575	1.52	cps
Indium	115-2	554343	556579	566788	559237	1.19	cps
Iron	54-2	943144	935443	938582	939056	0.41	cps
Iron	56-2	17003199	16743924	16828443	16858522	0.78	cps
Iron	57-2	423936	419450	423746	422377	0.60	cps
Krypton	83-1	1760	1760	1713	1745	1.54	cps
Lead	206-1	641315	662652	653799	652589	1.64	cps
Lead	207-1	575052	595131	588915	586366	1.75	cps
Lead	208-1	2605984	2669847	2650194	2642008	1.24	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02MSD Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:41:33 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1680113	1698576	1730166	1702951	1.49	cps
Magnesium	24-2	3647053	3591460	3511763	3583425	1.90	cps
Manganese	55-2	913884	906412	911077	910457	0.41	cps
Molybdenum	94-1	2604825	2737305	2740871	2694334	2.88	cps
Molybdenum	95-1	3336856	3390588	3325936	3351127	1.03	cps
Molybdenum	96-1	3634218	3708193	3684800	3675737	1.03	cps
Molybdenum	97-1	2055709	2121277	2105328	2094105	1.63	cps
Molybdenum	98-1	5216151	5379166	5386910	5327409	1.81	cps
Neodymium	150-1	93	67	127	96	31.46	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	209761	209663	211445	210290	0.48	cps
Phosphorus	31-2	350	358	383	364	4.77	cps
Potassium	39-2	1553315	1513705	1534935	1533985	1.29	cps
Rhodium	103-1	3088544	3022927	3041830	3051100	1.11	cps
Rhodium	103-2	1504614	1536807	1556702	1532707	1.71	cps
Scandium	45-1	2358967	2380005	2425358	2388110	1.42	cps
Scandium	45-2	91116	92760	93095	92324	1.15	cps
Selenium	82-1	21265	21549	21653	21489	0.93	cps
Selenium	77-2	700	663	777	713	8.11	cps
Selenium	78-2	2466	2557	2456	2493	2.23	cps
Silicon	28-1	8396185	8737200	8615682	8583022	2.01	cps
Silver	109-1	211193	215426	216863	214494	1.37	cps
Silver	107-1	230802	231375	229877	230684	0.33	cps
Sodium	23-2	17725231	17267122	17255199	17415851	1.54	cps
Strontium	86-1	531598	549644	547102	542782	1.80	cps
Strontium	88-1	4488892	4580271	4589811	4552991	1.22	cps
Sulfur	34-1	631102	633997	630187	631762	0.31	cps
Terbium	159-1	3486639	3524971	3460524	3490712	0.93	cps
Terbium	159-2	1805883	1773991	1850819	1810231	2.13	cps
Thallium	203-1	804066	824839	825321	818076	1.48	cps
Thallium	205-1	1926034	1955054	1947498	1942862	0.77	cps
Tin	118-1	989046	1001366	994856	995089	0.62	cps
Titanium	47-1	1019324	1053126	1033885	1035445	1.64	cps
Uranium	238-1	2300822	2367352	2338651	2335608	1.43	cps
Vanadium	51-2	353041	351168	353248	352486	0.33	cps
Yttrium	89-1	5970888	5902633	5946371	5939964	0.58	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02MSD	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:41:33	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	723887	726336	732117	727447	0.58	cps
Zinc	66-2	151321	151248	151122	151231	0.07	cps
Zirconium	90-1	2125597	2188472	2183977	2166016	1.62	cps
Zirconium	91-1	475588	486468	492045	484700	1.73	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:44:21	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206219	206642	207005	206622	0.19	cps
Antimony	121-1	1323895	1353813	1361310	1346339	1.47	cps
Arsenic	75-2	60338	60982	60887	60736	0.57	cps
Barium	135-1	1506856	1534261	1542366	1527827	1.22	cps
Barium	137-1	2573736	2568723	2668189	2603549	2.15	cps
Beryllium	9-1	398692	405773	409319	404595	1.34	cps
Bismuth	209-1	1788184	1848786	1804385	1813785	1.73	cps
Bismuth	209-2	1241337	1260838	1262427	1254867	0.94	cps
Boron	10-1	36772	40343	42336	39817	7.08	cps
Boron	11-1	177054	194619	204508	192060	7.24	cps
Bromine	81-1	13781	15194	15294	14756	5.73	cps
Cadmium	111-1	280757	282009	291425	284730	2.05	cps
Cadmium	106-1	32171	32038	32790	32333	1.24	cps
Cadmium	108-1	21913	21951	21550	21805	1.01	cps
Calcium	43-1	469162	477883	477891	474979	1.06	cps
Calcium	44-1	7713506	7904713	7944349	7854189	1.57	cps
Chromium	52-2	428516	424130	425799	426148	0.52	cps
Cobalt	59-2	728810	725036	729704	727850	0.34	cps
Copper	63-2	1189267	1194999	1192802	1192356	0.24	cps
Dysprosium	156-1	83	50	25	53	55.46	cps
Dysprosium	156-2	17	20	30	22	31.22	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	23	27	33	28	18.33	cps
Gadolinium	160-1	117	108	75	100	22.05	cps
Gadolinium	160-2	13	47	43	34	53.31	cps
Holmium	165-1	3132067	3255695	3221778	3203180	1.99	cps
Holmium	165-2	1789483	1757018	1812167	1786222	1.55	cps
Indium	115-1	3088098	3109172	3102958	3100076	0.35	cps
Indium	115-2	556298	556177	559841	557439	0.37	cps
Iron	54-2	938153	931019	938177	935783	0.44	cps
Iron	56-2	16843819	16972818	16737286	16851308	0.70	cps
Iron	57-2	418391	421236	422008	420545	0.45	cps
Krypton	83-1	1870	2004	1853	1909	4.31	cps
Lead	206-1	649851	655114	654739	653235	0.45	cps
Lead	207-1	592077	585904	592899	590293	0.65	cps
Lead	208-1	2624424	2657147	2660516	2647362	0.75	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-02A Instrumnet Name : P8
 Client Sample ID : TU032-32-6141-121120A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:44:21 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1677450	1671646	1750959	1700018	2.60	cps
Magnesium	24-2	3542450	3522836	3628355	3564547	1.57	cps
Manganese	55-2	901743	908299	908072	906038	0.41	cps
Molybdenum	94-1	2679853	2665621	2791176	2712216	2.53	cps
Molybdenum	95-1	3305383	3322415	3426227	3351341	1.95	cps
Molybdenum	96-1	3655481	3680424	3724193	3686699	0.94	cps
Molybdenum	97-1	2054227	2091454	2129073	2091585	1.79	cps
Molybdenum	98-1	5184721	5273340	5340251	5266104	1.48	cps
Neodymium	150-1	67	80	100	82	20.40	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	207498	207739	210491	208576	0.80	cps
Phosphorus	31-2	317	292	417	342	19.36	cps
Potassium	39-2	1510514	1530384	1509188	1516695	0.78	cps
Rhodium	103-1	2908846	3004906	3053674	2989142	2.47	cps
Rhodium	103-2	1538257	1573476	1516633	1542789	1.86	cps
Scandium	45-1	2306388	2324984	2304407	2311926	0.49	cps
Scandium	45-2	91217	91834	92542	91864	0.72	cps
Selenium	82-1	20874	21463	21588	21308	1.79	cps
Selenium	77-2	770	763	697	743	5.46	cps
Selenium	78-2	2581	2467	2585	2544	2.61	cps
Silicon	28-1	8549751	8616697	8559032	8575160	0.42	cps
Silver	109-1	1077410	990171	1045270	1037617	4.25	cps
Silver	107-1	986319	1006958	1028329	1007202	2.09	cps
Sodium	23-2	17135515	17271052	17329724	17245430	0.58	cps
Strontium	86-1	532743	541253	548032	540676	1.42	cps
Strontium	88-1	4517693	4671028	4594508	4594410	1.67	cps
Sulfur	34-1	636839	640705	633191	636911	0.59	cps
Terbium	159-1	3344986	3453548	3485916	3428150	2.15	cps
Terbium	159-2	1801260	1791144	1774856	1789087	0.74	cps
Thallium	203-1	810540	822917	829443	820967	1.17	cps
Thallium	205-1	1934680	1909103	1951704	1931829	1.11	cps
Tin	118-1	990013	1002455	1003312	998593	0.75	cps
Titanium	47-1	1009464	1022297	1024725	1018829	0.80	cps
Uranium	238-1	2348374	2334408	2328101	2336961	0.44	cps
Vanadium	51-2	350393	350735	351617	350915	0.18	cps
Yttrium	89-1	5850925	5943911	5898582	5897806	0.79	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-02A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6141-121120A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:44:21	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	728018	728619	727483	728040	0.08	cps
Zinc	66-2	151523	152386	150937	151616	0.48	cps
Zirconium	90-1	2174454	2185329	2212342	2190709	0.89	cps
Zirconium	91-1	482558	484773	487285	484872	0.49	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5020-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 17:47:12 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	790	895	837	6.39	cps
Antimony	121-1	408	342	350	367	9.91	cps
Arsenic	75-2	11959	11890	12001	11950	0.47	cps
Barium	135-1	16861	16644	17353	16953	2.14	cps
Barium	137-1	28748	28881	28748	28792	0.27	cps
Beryllium	9-1	438	430	432	433	0.96	cps
Bismuth	209-1	1815236	1831966	1858265	1835156	1.18	cps
Bismuth	209-2	1246565	1245704	1244954	1245741	0.06	cps
Boron	10-1	13241	13804	13750	13598	2.28	cps
Boron	11-1	62391	65935	65841	64722	3.12	cps
Bromine	81-1	39838	48834	57838	48837	18.43	cps
Cadmium	111-1	104	117	104	108	6.88	cps
Cadmium	106-1	1250	1325	1033	1203	12.59	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	2114103	2132549	2114089	2120247	0.50	cps
Calcium	44-1	34979115	35978265	35686580	35547987	1.45	cps
Chromium	52-2	28502	28512	28675	28563	0.34	cps
Cobalt	59-2	667	730	737	711	5.43	cps
Copper	63-2	1602	1503	1487	1531	4.08	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	17	7	30	18	65.83	cps
Erbium	164-1	0	42	42	28	86.60	cps
Erbium	164-2	23	20	20	21	9.11	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	37	7	27	23	65.46	cps
Holmium	165-1	3225203	3250883	3226734	3234273	0.45	cps
Holmium	165-2	1816317	1798968	1785429	1800238	0.86	cps
Indium	115-1	3073299	3146365	3076063	3098576	1.34	cps
Indium	115-2	562597	563160	567374	564377	0.46	cps
Iron	54-2	227127	230580	224368	227358	1.37	cps
Iron	56-2	4148886	4165651	4172014	4162184	0.29	cps
Iron	57-2	105895	104043	102975	104305	1.42	cps
Krypton	83-1	1860	1767	1877	1835	3.23	cps
Lead	206-1	806	828	739	791	5.85	cps
Lead	207-1	594	633	622	617	3.25	cps
Lead	208-1	2978	2922	2895	2932	1.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5020-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:47:12	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1720263	1743688	1725537	1729830	0.71	cps
Magnesium	24-2	4558635	4589548	4487102	4545095	1.16	cps
Manganese	55-2	333521	335526	334706	334584	0.30	cps
Molybdenum	94-1	700	575	575	617	11.70	cps
Molybdenum	95-1	617	625	583	608	3.62	cps
Molybdenum	96-1	800	675	675	717	10.07	cps
Molybdenum	97-1	550	400	208	386	44.35	cps
Molybdenum	98-1	1125	967	750	947	19.87	cps
Neodymium	150-1	47	47	67	53	21.65	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	11004	11131	10861	10999	1.23	cps
Phosphorus	31-2	408	450	375	411	9.14	cps
Potassium	39-2	678939	673046	670014	674000	0.67	cps
Rhodium	103-1	3011676	3038368	2970595	3006880	1.14	cps
Rhodium	103-2	1555028	1526730	1545756	1542505	0.94	cps
Scandium	45-1	2347946	2377382	2368370	2364566	0.64	cps
Scandium	45-2	91012	91177	90033	90741	0.68	cps
Selenium	82-1	56	185	126	122	52.84	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	52	30	49	44	27.33	cps
Silicon	28-1	16650892	16677207	17050389	16792829	1.33	cps
Silver	109-1	275	342	358	325	13.57	cps
Silver	107-1	333	392	826	517	52.06	cps
Sodium	23-2	16232859	16194575	16079510	16168981	0.49	cps
Strontium	86-1	1367380	1387725	1388104	1381070	0.86	cps
Strontium	88-1	11476999	11780545	11733022	11663522	1.40	cps
Sulfur	34-1	573266	574625	581159	576350	0.73	cps
Terbium	159-1	3446012	3466615	3509718	3474115	0.94	cps
Terbium	159-2	1807461	1822151	1793533	1807715	0.79	cps
Thallium	203-1	983	1050	883	972	8.63	cps
Thallium	205-1	2200	2092	2434	2242	7.79	cps
Tin	118-1	358	300	292	317	11.47	cps
Titanium	47-1	1025	942	1133	1033	9.30	cps
Uranium	238-1	500	492	508	500	1.67	cps
Vanadium	51-2	213	293	210	239	19.75	cps
Yttrium	89-1	5751706	5937958	5923723	5871129	1.77	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5020-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:47:12	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	731667	727170	731704	730181	0.36	cps
Zinc	66-2	263	253	287	268	6.39	cps
Zirconium	90-1	708	692	742	714	3.57	cps
Zirconium	91-1	183	183	200	189	5.10	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6027-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:49:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447	460	466	458	2.09	cps
Antimony	121-1	1683	1909	2017	1870	9.10	cps
Arsenic	75-2	504	543	489	512	5.44	cps
Barium	135-1	13707	14141	14183	14010	1.88	cps
Barium	137-1	23028	23529	22895	23151	1.45	cps
Beryllium	9-1	324	314	260	299	11.50	cps
Bismuth	209-1	1888692	1903794	1834500	1875662	1.94	cps
Bismuth	209-2	1261990	1281719	1287162	1276957	1.04	cps
Boron	10-1	5390	5636	5372	5466	2.70	cps
Boron	11-1	26917	26879	26390	26729	1.10	cps
Bromine	81-1	28588	28839	31839	29755	6.08	cps
Cadmium	111-1	79	65	77	74	10.27	cps
Cadmium	106-1	1267	950	1283	1167	16.10	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	93346	95036	92359	93580	1.45	cps
Calcium	44-1	1566722	1620468	1606251	1597814	1.74	cps
Chromium	52-2	937	947	873	919	4.33	cps
Cobalt	59-2	150	197	203	183	15.85	cps
Copper	63-2	1109	1047	1077	1078	2.85	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	3228068	3247225	3183284	3219526	1.02	cps
Holmium	165-2	1832666	1818382	1827563	1826204	0.40	cps
Indium	115-1	3286383	3193578	3180114	3220025	1.80	cps
Indium	115-2	568915	569607	576054	571525	0.69	cps
Iron	54-2	204583	206227	206842	205884	0.57	cps
Iron	56-2	3757365	3780509	3836942	3791605	1.08	cps
Iron	57-2	94002	95322	93996	94440	0.81	cps
Krypton	83-1	1833	1730	1963	1842	6.35	cps
Lead	206-1	556	617	528	567	8.03	cps
Lead	207-1	450	517	622	530	16.40	cps
Lead	208-1	2261	2378	2372	2337	2.82	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6027-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:49:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1706034	1739122	1689256	1711470	1.48	cps
Magnesium	24-2	392857	389345	387335	389846	0.72	cps
Manganese	55-2	65734	66534	65332	65867	0.93	cps
Molybdenum	94-1	783	575	942	767	23.99	cps
Molybdenum	95-1	1192	1083	1108	1128	5.03	cps
Molybdenum	96-1	1192	1300	1183	1225	5.31	cps
Molybdenum	97-1	642	792	467	633	25.68	cps
Molybdenum	98-1	1567	1734	1492	1597	7.75	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	147	220	157	174	22.80	cps
Phosphorus	31-2	283	267	308	286	7.33	cps
Potassium	39-2	428882	429713	433288	430628	0.54	cps
Rhodium	103-1	3126707	3104207	3128862	3119925	0.44	cps
Rhodium	103-2	1567977	1584923	1606155	1586351	1.21	cps
Scandium	45-1	2365998	2387845	2352090	2368644	0.76	cps
Scandium	45-2	91935	92521	92696	92384	0.43	cps
Selenium	82-1	120	113	-124	36	381.64	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	36	40	53	43	20.68	cps
Silicon	28-1	8287446	8485722	8432047	8401738	1.22	cps
Silver	109-1	283	192	100	192	47.83	cps
Silver	107-1	192	258	167	206	23.05	cps
Sodium	23-2	10610534	10502060	10517960	10543518	0.56	cps
Strontium	86-1	93252	93378	92984	93205	0.22	cps
Strontium	88-1	756583	767690	759793	761356	0.75	cps
Sulfur	34-1	654936	659426	655936	656766	0.36	cps
Terbium	159-1	3539050	3545339	3476302	3520230	1.08	cps
Terbium	159-2	1805053	1802640	1832735	1813476	0.92	cps
Thallium	203-1	425	417	283	375	21.20	cps
Thallium	205-1	975	758	842	858	12.73	cps
Tin	118-1	175	208	175	186	10.34	cps
Titanium	47-1	417	425	450	431	4.03	cps
Uranium	238-1	2900	2909	2817	2875	1.76	cps
Vanadium	51-2	37	33	20	30	29.40	cps
Yttrium	89-1	6023974	5964788	5887480	5958747	1.15	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6027-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:49:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	732696	729242	746525	736154	1.24	cps
Zinc	66-2	740	767	717	741	3.38	cps
Zirconium	90-1	258	342	283	294	14.53	cps
Zirconium	91-1	117	108	108	111	4.33	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916533	909802	910355	912230	0.41	cps
Antimony	121-1	1250759	1258110	1285972	1264947	1.47	cps
Arsenic	75-2	51708	51469	51313	51497	0.39	cps
Barium	135-1	1279225	1304059	1322020	1301768	1.65	cps
Barium	137-1	2219051	2252730	2264062	2245281	1.04	cps
Beryllium	9-1	385245	390895	391658	389266	0.90	cps
Bismuth	209-1	1688451	1816439	1798837	1767909	3.92	cps
Bismuth	209-2	1217168	1207068	1227178	1217138	0.83	cps
Boron	10-1	29253	31792	34327	31791	7.98	cps
Boron	11-1	140536	154785	164620	153314	7.90	cps
Bromine	81-1	10074	9573	9363	9670	3.78	cps
Cadmium	111-1	264470	266646	270787	267301	1.20	cps
Cadmium	106-1	30551	30584	30350	30495	0.42	cps
Cadmium	108-1	20323	20586	20257	20389	0.85	cps
Calcium	43-1	1826518	1877558	1935225	1879767	2.89	cps
Calcium	44-1	30336935	31142427	31624389	31034583	2.10	cps
Chromium	52-2	408038	413299	411224	410854	0.64	cps
Cobalt	59-2	696441	696467	694420	695776	0.17	cps
Copper	63-2	4957420	4995626	4968869	4973972	0.39	cps
Dysprosium	156-1	92	108	100	100	8.33	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	33	42	58	44	28.64	cps
Erbium	164-2	23	30	10	21	48.24	cps
Gadolinium	160-1	83	67	167	106	50.75	cps
Gadolinium	160-2	107	67	57	77	34.51	cps
Holmium	165-1	2989624	3126048	3134914	3083529	2.64	cps
Holmium	165-2	1764194	1756510	1828195	1782966	2.21	cps
Indium	115-1	2969804	3036376	3042248	3016143	1.33	cps
Indium	115-2	543133	542885	549413	545144	0.68	cps
Iron	54-2	4090128	4189814	4123239	4134393	1.23	cps
Iron	56-2	73175588	73761407	74321918	73752971	0.78	cps
Iron	57-2	1867440	1890355	1882022	1879939	0.62	cps
Krypton	83-1	1743	1893	1837	1825	4.15	cps
Lead	206-1	3323192	3368759	3358675	3350208	0.71	cps
Lead	207-1	2988751	3040385	3073734	3034290	1.41	cps
Lead	208-1	13355866	13680820	13737280	13591322	1.51	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1655773	1646390	1686676	1662946	1.27	cps
Magnesium	24-2	14260859	13906066	13957020	14041315	1.37	cps
Manganese	55-2	1996348	1962182	2007474	1988668	1.19	cps
Molybdenum	94-1	2441670	2504423	2519387	2488493	1.66	cps
Molybdenum	95-1	2990183	3004271	3017217	3003890	0.45	cps
Molybdenum	96-1	3285057	3357547	3332781	3325128	1.11	cps
Molybdenum	97-1	1826261	1893650	1896606	1872172	2.13	cps
Molybdenum	98-1	4711975	4707714	4862142	4760610	1.85	cps
Neodymium	150-1	60	60	80	67	17.32	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	186290	187634	187181	187035	0.37	cps
Phosphorus	31-2	13340	13090	13515	13315	1.61	cps
Potassium	39-2	5572088	5684768	5627968	5628275	1.00	cps
Rhodium	103-1	2812735	2876334	2905181	2864750	1.65	cps
Rhodium	103-2	1507364	1507824	1531037	1515408	0.89	cps
Scandium	45-1	2255036	2307365	2354754	2305718	2.16	cps
Scandium	45-2	89020	90358	90519	89966	0.91	cps
Selenium	82-1	19897	20095	20941	20311	2.73	cps
Selenium	77-2	737	707	720	721	2.08	cps
Selenium	78-2	2461	2438	2405	2435	1.16	cps
Silicon	28-1	2327733	2540866	2741625	2536742	8.16	cps
Silver	109-1	1301742	1324989	1338676	1321802	1.41	cps
Silver	107-1	1382396	1408899	1400875	1397390	0.97	cps
Sodium	23-2	27622185	27479596	27612876	27571552	0.29	cps
Strontium	86-1	408179	417432	414868	413493	1.16	cps
Strontium	88-1	3462348	3558767	3496222	3505779	1.40	cps
Sulfur	34-1	649202	645602	653713	649505	0.63	cps
Terbium	159-1	3221514	3404572	3359733	3328606	2.87	cps
Terbium	159-2	1765010	1750151	1812898	1776020	1.85	cps
Thallium	203-1	753573	771335	768039	764316	1.24	cps
Thallium	205-1	1840099	1841973	1850905	1844326	0.31	cps
Tin	118-1	886437	900182	910476	899032	1.34	cps
Titanium	47-1	948840	958465	964336	957214	0.82	cps
Uranium	238-1	2231796	2283866	2372784	2296149	3.10	cps
Vanadium	51-2	337972	339112	341221	339435	0.49	cps
Yttrium	89-1	5643107	5746786	5698538	5696144	0.91	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 17:52:50	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	716658	713175	722378	717404	0.65	cps
Zinc	66-2	675333	676675	671874	674628	0.37	cps
Zirconium	90-1	2125205	2089061	2087144	2100470	1.02	cps
Zirconium	91-1	465545	466758	474942	469082	1.09	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	419	377	371	389	6.63	cps
Antimony	121-1	133	108	150	131	16.06	cps
Arsenic	75-2	6	8	7	7	14.29	cps
Barium	135-1	42	75	25	47	53.91	cps
Barium	137-1	58	108	108	92	31.49	cps
Beryllium	9-1	242	212	242	232	7.47	cps
Bismuth	209-1	1808158	1716787	1802492	1775812	2.88	cps
Bismuth	209-2	1213888	1208722	1218456	1213689	0.40	cps
Boron	10-1	1768	1736	1724	1742	1.31	cps
Boron	11-1	8391	8321	7987	8233	2.62	cps
Bromine	81-1	3915	3754	3935	3868	2.55	cps
Cadmium	111-1	70	52	65	63	15.07	cps
Cadmium	106-1	1075	1042	1067	1061	1.64	cps
Cadmium	108-1	0	21	4	8	132.26	cps
Calcium	43-1	175	237	250	221	18.20	cps
Calcium	44-1	16404	16374	16456	16411	0.25	cps
Chromium	52-2	797	813	813	808	1.19	cps
Cobalt	59-2	103	100	93	99	5.15	cps
Copper	63-2	930	894	864	896	3.71	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	42	8	25	25	66.68	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	3100006	3042806	2993066	3045293	1.76	cps
Holmium	165-2	1744686	1725080	1706308	1725358	1.11	cps
Indium	115-1	3003971	3003703	2955399	2987691	0.94	cps
Indium	115-2	537385	536814	536701	536967	0.07	cps
Iron	54-2	472	411	422	435	7.48	cps
Iron	56-2	3878	4134	3856	3956	3.90	cps
Iron	57-2	106	83	183	124	42.32	cps
Krypton	83-1	1853	1827	1833	1838	0.76	cps
Lead	206-1	567	522	706	598	15.99	cps
Lead	207-1	511	606	511	543	10.05	cps
Lead	208-1	2339	2261	2333	2311	1.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1674714	1632909	1616901	1641508	1.82	cps
Magnesium	24-2	683	825	908	806	14.12	cps
Manganese	55-2	183	177	267	209	24.01	cps
Molybdenum	94-1	100	83	125	103	20.40	cps
Molybdenum	95-1	67	83	58	69	18.34	cps
Molybdenum	96-1	100	67	133	100	33.33	cps
Molybdenum	97-1	33	17	25	25	33.32	cps
Molybdenum	98-1	75	33	50	53	39.74	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	90	87	83	10.59	cps
Phosphorus	31-2	158	192	108	153	27.45	cps
Potassium	39-2	27577	26007	26325	26636	3.12	cps
Rhodium	103-1	2878353	2883002	2866000	2875785	0.31	cps
Rhodium	103-2	1480183	1504228	1511293	1498568	1.09	cps
Scandium	45-1	2306193	2193682	2213687	2237854	2.68	cps
Scandium	45-2	86612	85345	86046	86001	0.74	cps
Selenium	82-1	-24	25	91	31	186.73	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	51	40	38	43	16.29	cps
Silicon	28-1	1201074	1215231	1180900	1199068	1.44	cps
Silver	109-1	158	283	283	242	29.86	cps
Silver	107-1	300	275	275	283	5.09	cps
Sodium	23-2	43791	42864	45120	43925	2.58	cps
Strontium	86-1	3142	2825	2750	2906	7.16	cps
Strontium	88-1	183	183	158	175	8.25	cps
Sulfur	34-1	525148	525024	518325	522832	0.75	cps
Terbium	159-1	3312781	3222237	3282310	3272443	1.41	cps
Terbium	159-2	1720120	1724513	1705335	1716656	0.59	cps
Thallium	203-1	100	100	208	136	45.95	cps
Thallium	205-1	283	317	333	311	8.18	cps
Tin	118-1	192	167	192	183	7.87	cps
Titanium	47-1	350	308	325	328	6.40	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	5487507	5558829	5578148	5541495	0.86	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:01:21	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	690111	682568	691481	688053	0.70	cps
Zinc	66-2	80	77	87	81	6.28	cps
Zirconium	90-1	167	217	250	211	19.87	cps
Zirconium	91-1	42	42	83	56	43.30	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5085-05 Instrumnet Name : P8
 Client Sample ID : TU032-32-6064-121120 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:04:12 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	626	576	582	7.24	cps
Antimony	121-1	250	225	192	222	13.17	cps
Arsenic	75-2	10010	9884	9839	9911	0.89	cps
Barium	135-1	67075	67603	67008	67228	0.48	cps
Barium	137-1	114129	117071	114575	115258	1.38	cps
Beryllium	9-1	242	258	206	235	11.32	cps
Bismuth	209-1	1806185	1833289	1883657	1841044	2.14	cps
Bismuth	209-2	1275027	1260783	1291770	1275860	1.22	cps
Boron	10-1	5934	6584	7164	6561	9.38	cps
Boron	11-1	28961	32052	33994	31669	8.02	cps
Bromine	81-1	71707	92719	107820	90749	19.99	cps
Cadmium	111-1	70	85	66	74	13.89	cps
Cadmium	106-1	1142	1158	1208	1170	2.97	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	1326352	1389496	1354201	1356683	2.33	cps
Calcium	44-1	22378678	22913930	22734884	22675831	1.20	cps
Chromium	52-2	943	983	1010	979	3.43	cps
Cobalt	59-2	137	143	110	130	13.57	cps
Copper	63-2	789	932	983	901	11.17	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	17	7	30	18	65.83	cps
Gadolinium	160-1	67	25	42	44	47.19	cps
Gadolinium	160-2	33	23	23	27	21.65	cps
Holmium	165-1	3245261	3260219	3258218	3254566	0.25	cps
Holmium	165-2	1842634	1795009	1852611	1830085	1.68	cps
Indium	115-1	3131938	3193722	3195102	3173587	1.14	cps
Indium	115-2	568629	564639	575703	569657	0.98	cps
Iron	54-2	112639	110525	111795	111653	0.95	cps
Iron	56-2	2056418	2032337	2044289	2044348	0.59	cps
Iron	57-2	50500	50266	49046	49937	1.56	cps
Krypton	83-1	1897	1807	1903	1869	2.89	cps
Lead	206-1	778	861	789	809	5.59	cps
Lead	207-1	672	750	656	693	7.28	cps
Lead	208-1	3000	3050	2867	2972	3.19	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6064-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:04:12	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1746018	1788062	1705150	1746410	2.37	cps
Magnesium	24-2	3743267	3752246	3749186	3748233	0.12	cps
Manganese	55-2	166280	166082	167249	166537	0.37	cps
Molybdenum	94-1	300	417	375	364	16.25	cps
Molybdenum	95-1	483	342	475	433	18.34	cps
Molybdenum	96-1	525	508	467	500	6.01	cps
Molybdenum	97-1	333	267	150	250	37.12	cps
Molybdenum	98-1	492	583	717	597	18.95	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	20	27	7	18	57.27	cps
Nickel	60-2	193	157	163	171	11.41	cps
Phosphorus	31-2	333	325	383	347	9.09	cps
Potassium	39-2	623272	623441	621284	622666	0.19	cps
Rhodium	103-1	2995912	2961618	2994198	2983910	0.65	cps
Rhodium	103-2	1570465	1528108	1595913	1564829	2.19	cps
Scandium	45-1	2337763	2446744	2360655	2381721	2.41	cps
Scandium	45-2	92465	92810	93495	92923	0.56	cps
Selenium	82-1	-30	35	50	18	231.71	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	45	51	59	52	13.60	cps
Silicon	28-1	14055760	14437710	14437464	14310311	1.54	cps
Silver	109-1	158	92	108	119	29.05	cps
Silver	107-1	167	83	58	103	55.19	cps
Sodium	23-2	9335930	9162086	9197508	9231841	1.00	cps
Strontium	86-1	881322	897713	899259	892765	1.11	cps
Strontium	88-1	7435938	7629039	7630152	7565043	1.48	cps
Sulfur	34-1	886158	899769	896966	894298	0.80	cps
Terbium	159-1	3402692	3468476	3475633	3448934	1.17	cps
Terbium	159-2	1831115	1815685	1821238	1822679	0.43	cps
Thallium	203-1	133	75	83	97	32.45	cps
Thallium	205-1	317	283	208	269	20.59	cps
Tin	118-1	133	175	200	169	19.88	cps
Titanium	47-1	567	733	742	681	14.51	cps
Uranium	238-1	1859	1759	1709	1775	4.30	cps
Vanadium	51-2	30	17	43	30	44.43	cps
Yttrium	89-1	5907061	6080684	5945977	5977908	1.52	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6064-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:04:12	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734039	728386	739092	733839	0.73	cps
Zinc	66-2	210	243	177	210	15.87	cps
Zirconium	90-1	492	617	633	581	13.34	cps
Zirconium	91-1	242	125	200	189	31.30	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-571-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:07:02	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1529	1581	1571	1560	1.79	cps
Antimony	121-1	242	217	150	203	23.37	cps
Arsenic	75-2	4695	4701	4645	4681	0.66	cps
Barium	135-1	5593	5876	5635	5701	2.68	cps
Barium	137-1	9537	9045	8928	9170	3.52	cps
Beryllium	9-1	220	200	156	192	17.05	cps
Bismuth	209-1	1813600	1876757	1860987	1850448	1.78	cps
Bismuth	209-2	1295998	1290200	1296647	1294282	0.27	cps
Boron	10-1	4972	5362	5342	5225	4.20	cps
Boron	11-1	23891	25998	27254	25714	6.61	cps
Bromine	81-1	50623	51677	53818	52039	3.13	cps
Cadmium	111-1	101	87	78	88	13.07	cps
Cadmium	106-1	1333	1233	1092	1220	9.96	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	211803	214261	218380	214815	1.55	cps
Calcium	44-1	3566336	3642818	3619767	3609640	1.09	cps
Chromium	52-2	9360	9156	9200	9239	1.16	cps
Cobalt	59-2	720	827	850	799	8.68	cps
Copper	63-2	1720	1680	1806	1736	3.71	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	30	37	10	26	54.31	cps
Holmium	165-1	3129976	3294604	3182293	3202291	2.63	cps
Holmium	165-2	1848068	1810958	1844991	1834672	1.12	cps
Indium	115-1	3104360	3203227	3205914	3171167	1.82	cps
Indium	115-2	573694	574245	581218	576386	0.73	cps
Iron	54-2	10221	9720	9704	9881	2.97	cps
Iron	56-2	168101	166959	167549	167536	0.34	cps
Iron	57-2	4545	4206	4456	4403	3.99	cps
Krypton	83-1	1670	1650	1787	1702	4.34	cps
Lead	206-1	750	767	650	722	8.74	cps
Lead	207-1	589	622	633	615	3.76	cps
Lead	208-1	2945	3006	2728	2893	5.05	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-571-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:07:02	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1674454	1735419	1718911	1709595	1.84	cps
Magnesium	24-2	518517	513384	514228	515376	0.53	cps
Manganese	55-2	17307	17287	17334	17309	0.14	cps
Molybdenum	94-1	1375	1650	1700	1575	11.11	cps
Molybdenum	95-1	2342	2384	2292	2339	1.96	cps
Molybdenum	96-1	2759	2817	2675	2750	2.59	cps
Molybdenum	97-1	1408	1675	1625	1570	9.03	cps
Molybdenum	98-1	3734	3526	3551	3603	3.16	cps
Neodymium	150-1	73	87	53	71	23.60	cps
Neodymium	150-2	23	23	10	19	40.75	cps
Nickel	60-2	6048	6095	5625	5922	4.37	cps
Phosphorus	31-2	258	133	167	186	34.78	cps
Potassium	39-2	306342	296986	299735	301021	1.60	cps
Rhodium	103-1	2998152	3029884	3001071	3009702	0.58	cps
Rhodium	103-2	1611894	1612437	1629335	1617888	0.61	cps
Scandium	45-1	2274609	2336493	2366626	2325909	2.02	cps
Scandium	45-2	93055	92552	93807	93138	0.68	cps
Selenium	82-1	187	240	123	183	31.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	46	46	45	3.85	cps
Silicon	28-1	9296017	9462865	9513337	9424073	1.21	cps
Silver	109-1	133	58	58	83	51.96	cps
Silver	107-1	150	75	100	108	35.25	cps
Sodium	23-2	10765723	10581406	10472279	10606469	1.40	cps
Strontium	86-1	165006	166458	164553	165339	0.60	cps
Strontium	88-1	1355118	1389861	1398683	1381221	1.67	cps
Sulfur	34-1	823207	832207	829494	828303	0.56	cps
Terbium	159-1	3384981	3436867	3525423	3449090	2.06	cps
Terbium	159-2	1828964	1830587	1849100	1836217	0.61	cps
Thallium	203-1	83	92	50	75	29.40	cps
Thallium	205-1	150	167	208	175	17.17	cps
Tin	118-1	167	125	192	161	20.90	cps
Titanium	47-1	1617	1642	1683	1647	2.04	cps
Uranium	238-1	5501	5518	5802	5607	3.01	cps
Vanadium	51-2	203	153	170	176	14.50	cps
Yttrium	89-1	5658146	5895991	5983910	5846016	2.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-571-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:07:02	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	736887	738662	753772	743107	1.25	cps
Zinc	66-2	270	187	217	224	18.81	cps
Zirconium	90-1	492	458	650	533	19.20	cps
Zirconium	91-1	192	158	108	153	27.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6135-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:09:50	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750	1820	1865	1812	3.20	cps
Antimony	121-1	1817	1725	1825	1789	3.10	cps
Arsenic	75-2	2982	2989	2975	2982	0.23	cps
Barium	135-1	9712	9804	10338	9951	3.39	cps
Barium	137-1	17086	17495	17912	17498	2.36	cps
Beryllium	9-1	196	176	208	193	8.36	cps
Bismuth	209-1	1890853	1854099	1866807	1870586	1.00	cps
Bismuth	209-2	1277050	1260458	1270297	1269268	0.66	cps
Boron	10-1	5432	6446	6454	6111	9.62	cps
Boron	11-1	28614	30980	32249	30614	6.03	cps
Bromine	81-1	37799	42728	44626	41718	8.45	cps
Cadmium	111-1	89	68	71	76	14.95	cps
Cadmium	106-1	1317	1200	1183	1233	5.89	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	30044	30721	31287	30684	2.03	cps
Calcium	44-1	530776	530554	538842	533391	0.89	cps
Chromium	52-2	13707	13750	14157	13871	1.79	cps
Cobalt	59-2	383	397	623	468	28.84	cps
Copper	63-2	6829	7052	7726	7203	6.48	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	13	13	27	18	43.33	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	20	30	27	26	19.92	cps
Gadolinium	160-1	67	67	0	44	86.60	cps
Gadolinium	160-2	30	13	33	26	41.94	cps
Holmium	165-1	3303597	3266760	3246540	3272299	0.88	cps
Holmium	165-2	1836508	1831360	1832447	1833438	0.15	cps
Indium	115-1	3242630	3208011	3101473	3184038	2.31	cps
Indium	115-2	571351	564913	571502	569255	0.66	cps
Iron	54-2	9542	10026	10705	10091	5.79	cps
Iron	56-2	165588	162970	176364	168307	4.22	cps
Iron	57-2	3962	4112	4940	4338	12.15	cps
Krypton	83-1	1830	1963	1920	1905	3.57	cps
Lead	206-1	1000	817	1050	956	12.86	cps
Lead	207-1	739	806	822	789	5.59	cps
Lead	208-1	3756	3717	3823	3765	1.42	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6135-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:09:50	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1705441	1733286	1714532	1717753	0.83	cps
Magnesium	24-2	157770	157679	157764	157738	0.03	cps
Manganese	55-2	2287	2314	3181	2594	19.61	cps
Molybdenum	94-1	3375	3326	3526	3409	3.05	cps
Molybdenum	95-1	5651	5693	5626	5657	0.60	cps
Molybdenum	96-1	5360	5851	5843	5685	4.95	cps
Molybdenum	97-1	3259	3501	3534	3431	4.38	cps
Molybdenum	98-1	8528	8653	8511	8564	0.90	cps
Neodymium	150-1	7	40	20	22	75.49	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	6025	5891	5981	5966	1.14	cps
Phosphorus	31-2	267	200	275	247	16.63	cps
Potassium	39-2	756706	741886	748781	749124	0.99	cps
Rhodium	103-1	3021467	3090462	2992315	3034748	1.66	cps
Rhodium	103-2	1593999	1589439	1599237	1594225	0.31	cps
Scandium	45-1	2401530	2370909	2379628	2384022	0.66	cps
Scandium	45-2	93478	91881	90553	91970	1.59	cps
Selenium	82-1	80	-70	-46	-12	-676.66	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	52	52	52	52	0.00	cps
Silicon	28-1	7442116	7560481	7706037	7569545	1.75	cps
Silver	109-1	517	350	442	436	19.14	cps
Silver	107-1	400	417	350	389	8.92	cps
Sodium	23-2	20700333	20907010	20891323	20832889	0.55	cps
Strontium	86-1	80984	82342	84061	82462	1.87	cps
Strontium	88-1	681808	697671	692463	690648	1.17	cps
Sulfur	34-1	888221	900053	898078	895451	0.71	cps
Terbium	159-1	3486025	3500140	3427180	3471115	1.11	cps
Terbium	159-2	1802243	1833251	1834965	1823487	1.01	cps
Thallium	203-1	58	67	33	53	32.88	cps
Thallium	205-1	92	217	108	139	48.87	cps
Tin	118-1	325	225	175	242	31.60	cps
Titanium	47-1	925	658	658	747	20.61	cps
Uranium	238-1	12173	12582	12707	12487	2.24	cps
Vanadium	51-2	1250	1243	1393	1296	6.54	cps
Yttrium	89-1	5990519	5954210	5859698	5934809	1.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6135-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:09:50	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	731683	729995	729246	730308	0.17	cps
Zinc	66-2	1187	1023	1207	1139	8.83	cps
Zirconium	90-1	425	383	550	453	19.16	cps
Zirconium	91-1	108	100	142	117	18.90	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2351	2252	2409	2337	3.38	cps
Antimony	121-1	183	217	183	194	9.90	cps
Arsenic	75-2	3242	3213	3216	3223	0.49	cps
Barium	135-1	24047	23897	25107	24350	2.71	cps
Barium	137-1	40453	41950	41765	41389	1.97	cps
Beryllium	9-1	180	186	202	189	6.01	cps
Bismuth	209-1	1834680	1898895	1906170	1879915	2.09	cps
Bismuth	209-2	1279569	1261657	1269956	1270394	0.71	cps
Boron	10-1	4814	5072	5380	5089	5.57	cps
Boron	11-1	22837	24666	25896	24466	6.29	cps
Bromine	81-1	40028	48202	51467	46565	12.65	cps
Cadmium	111-1	129	131	151	137	8.91	cps
Cadmium	106-1	1392	933	967	1097	23.29	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	671085	686347	683014	680149	1.18	cps
Calcium	44-1	11314025	11427256	11658479	11466587	1.53	cps
Chromium	52-2	1073	1040	1057	1057	1.58	cps
Cobalt	59-2	820	703	680	734	10.21	cps
Copper	63-2	7993	7780	7927	7900	1.38	cps
Dysprosium	156-1	75	150	183	136	40.77	cps
Dysprosium	156-2	77	47	77	67	25.98	cps
Erbium	164-1	142	167	83	131	32.75	cps
Erbium	164-2	90	90	43	74	36.20	cps
Gadolinium	160-1	142	125	142	136	7.07	cps
Gadolinium	160-2	73	63	80	72	11.62	cps
Holmium	165-1	3202459	3257858	3292567	3250961	1.40	cps
Holmium	165-2	1874677	1796692	1788789	1820053	2.61	cps
Indium	115-1	3172868	3184579	3162525	3173324	0.35	cps
Indium	115-2	565713	564554	563643	564637	0.18	cps
Iron	54-2	9548	8970	9576	9364	3.65	cps
Iron	56-2	165830	165082	163229	164714	0.81	cps
Iron	57-2	4123	3995	4101	4073	1.68	cps
Krypton	83-1	1720	1903	1797	1807	5.10	cps
Lead	206-1	3378	3206	3167	3250	3.46	cps
Lead	207-1	2973	2650	2823	2815	5.73	cps
Lead	208-1	13347	12869	12858	13025	2.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1742367	1720690	1702237	1721765	1.17	cps
Magnesium	24-2	1536541	1551390	1534054	1540662	0.61	cps
Manganese	55-2	104636	103556	102427	103540	1.07	cps
Molybdenum	94-1	475	442	500	472	6.20	cps
Molybdenum	95-1	275	317	225	272	16.86	cps
Molybdenum	96-1	392	392	308	364	13.22	cps
Molybdenum	97-1	150	192	217	186	18.10	cps
Molybdenum	98-1	375	442	400	406	8.30	cps
Neodymium	150-1	133	160	87	127	29.31	cps
Neodymium	150-2	60	90	50	67	31.22	cps
Nickel	60-2	427	420	443	430	2.79	cps
Phosphorus	31-2	200	225	183	203	10.34	cps
Potassium	39-2	321620	322424	323850	322632	0.35	cps
Rhodium	103-1	3003871	3041134	3039878	3028294	0.70	cps
Rhodium	103-2	1583925	1563614	1558085	1568541	0.87	cps
Scandium	45-1	2453245	2374941	2411784	2413323	1.62	cps
Scandium	45-2	91231	90476	91089	90932	0.44	cps
Selenium	82-1	152	-43	108	72	141.12	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	47	35	54	45	21.20	cps
Silicon	28-1	15393553	15685493	15597001	15558682	0.96	cps
Silver	109-1	167	158	175	167	5.00	cps
Silver	107-1	175	108	125	136	25.49	cps
Sodium	23-2	6691024	6767603	6640842	6699823	0.95	cps
Strontium	86-1	393460	401639	400872	398657	1.13	cps
Strontium	88-1	3341922	3402274	3414531	3386242	1.15	cps
Sulfur	34-1	579704	580826	579568	580033	0.12	cps
Terbium	159-1	3395029	3425590	3477585	3432735	1.22	cps
Terbium	159-2	1823170	1800906	1771651	1798576	1.44	cps
Thallium	203-1	58	67	117	81	39.16	cps
Thallium	205-1	183	233	92	169	42.40	cps
Tin	118-1	233	158	158	183	23.62	cps
Titanium	47-1	1367	1600	1525	1497	7.96	cps
Uranium	238-1	8078	8320	7661	8019	4.16	cps
Vanadium	51-2	280	290	240	270	9.80	cps
Yttrium	89-1	5985959	5916556	5952684	5951733	0.58	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6042-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:12:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	730821	730279	729798	730299	0.07	cps
Zinc	66-2	767	770	867	801	7.09	cps
Zirconium	90-1	850	858	933	881	5.21	cps
Zirconium	91-1	217	200	208	208	4.00	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1899	1689	1765	1784	5.96	cps
Antimony	121-1	658	742	542	647	15.52	cps
Arsenic	75-2	5501	5509	5556	5522	0.54	cps
Barium	135-1	21493	21710	23095	22099	3.93	cps
Barium	137-1	37235	37453	37686	37458	0.60	cps
Beryllium	9-1	182	226	186	198	12.29	cps
Bismuth	209-1	1838296	1878171	1865109	1860525	1.09	cps
Bismuth	209-2	1280188	1280078	1285569	1281945	0.24	cps
Boron	10-1	4752	5048	5478	5093	7.17	cps
Boron	11-1	23288	25235	26553	25025	6.56	cps
Bromine	81-1	42698	48011	53737	48149	11.47	cps
Cadmium	111-1	90	83	80	84	6.10	cps
Cadmium	106-1	1300	1208	1133	1214	6.88	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	705585	716009	718465	713353	0.96	cps
Calcium	44-1	11873555	12015995	12019743	11969764	0.70	cps
Chromium	52-2	1803	2043	2010	1952	6.66	cps
Cobalt	59-2	200	157	210	189	15.01	cps
Copper	63-2	1110	1055	1123	1096	3.31	cps
Dysprosium	156-1	58	42	58	53	18.23	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	10	17	30	19	53.91	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	30	30	23	28	13.86	cps
Holmium	165-1	3260453	3188348	3247603	3232135	1.19	cps
Holmium	165-2	1825063	1816047	1870542	1837218	1.59	cps
Indium	115-1	3168530	3206432	3191746	3188903	0.60	cps
Indium	115-2	566534	568436	569979	568316	0.30	cps
Iron	54-2	103231	102246	105424	103633	1.57	cps
Iron	56-2	1917566	1914611	1887497	1906558	0.87	cps
Iron	57-2	46782	47830	47763	47459	1.24	cps
Krypton	83-1	1793	1673	1820	1762	4.43	cps
Lead	206-1	983	1072	1195	1083	9.78	cps
Lead	207-1	928	811	878	872	6.71	cps
Lead	208-1	3884	4045	4256	4061	4.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1766177	1739663	1697712	1734517	1.99	cps
Magnesium	24-2	1723010	1718748	1715889	1719215	0.21	cps
Manganese	55-2	156454	156935	157297	156895	0.27	cps
Molybdenum	94-1	267	208	242	239	12.25	cps
Molybdenum	95-1	108	217	192	172	32.93	cps
Molybdenum	96-1	283	142	217	214	33.14	cps
Molybdenum	97-1	92	50	125	89	42.27	cps
Molybdenum	98-1	175	192	192	186	5.17	cps
Neodymium	150-1	67	33	53	51	32.83	cps
Neodymium	150-2	3	17	23	14	70.51	cps
Nickel	60-2	553	533	590	559	5.14	cps
Phosphorus	31-2	292	300	250	281	9.55	cps
Potassium	39-2	340694	338011	337146	338617	0.55	cps
Rhodium	103-1	2998950	3028255	3063617	3030274	1.07	cps
Rhodium	103-2	1593264	1581709	1588976	1587983	0.37	cps
Scandium	45-1	2369305	2391849	2409747	2390300	0.85	cps
Scandium	45-2	91683	89993	92834	91503	1.56	cps
Selenium	82-1	91	91	-27	51	132.87	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	48	45	44	46	4.57	cps
Silicon	28-1	16538695	16861700	16930134	16776843	1.25	cps
Silver	109-1	67	67	158	97	54.44	cps
Silver	107-1	125	117	117	119	4.03	cps
Sodium	23-2	6377547	6315146	6273989	6322227	0.82	cps
Strontium	86-1	427962	438139	439073	435058	1.42	cps
Strontium	88-1	3634142	3666691	3679439	3660091	0.64	cps
Sulfur	34-1	569070	575349	569488	571302	0.61	cps
Terbium	159-1	3420710	3452572	3512140	3461807	1.34	cps
Terbium	159-2	1840403	1820491	1826426	1829107	0.56	cps
Thallium	203-1	75	67	50	64	19.92	cps
Thallium	205-1	100	133	142	125	17.64	cps
Tin	118-1	200	242	292	244	18.78	cps
Titanium	47-1	1442	1642	1592	1558	6.68	cps
Uranium	238-1	417	417	483	439	8.77	cps
Vanadium	51-2	167	143	143	151	8.91	cps
Yttrium	89-1	5805547	5915572	5947519	5889546	1.26	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7854-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:15:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	725313	735095	733810	731406	0.73	cps
Zinc	66-2	1327	1340	1217	1295	5.23	cps
Zirconium	90-1	517	567	467	517	9.68	cps
Zirconium	91-1	117	175	150	147	19.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6127-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:18:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2407	2414	2419	2413	0.23	cps
Antimony	121-1	3942	3992	3792	3909	2.66	cps
Arsenic	75-2	283	279	277	280	1.09	cps
Barium	135-1	95494	96987	94362	95614	1.38	cps
Barium	137-1	163994	166043	163025	164354	0.94	cps
Beryllium	9-1	164	190	170	175	7.79	cps
Bismuth	209-1	1895977	1877919	1763354	1845750	3.90	cps
Bismuth	209-2	1282368	1279665	1269521	1277185	0.53	cps
Boron	10-1	3024	3112	3162	3099	2.25	cps
Boron	11-1	14845	15567	15737	15383	3.08	cps
Bromine	81-1	23624	23815	22882	23440	2.10	cps
Cadmium	111-1	99	63	74	79	23.32	cps
Cadmium	106-1	1192	1175	1133	1167	2.58	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	163874	166707	163024	164535	1.17	cps
Calcium	44-1	2762986	2775681	2800819	2779829	0.69	cps
Chromium	52-2	5978	5705	6386	6023	5.69	cps
Cobalt	59-2	2240	2107	2087	2145	3.89	cps
Copper	63-2	1945	2023	1823	1930	5.21	cps
Dysprosium	156-1	83	42	133	86	53.30	cps
Dysprosium	156-2	27	33	43	34	24.35	cps
Erbium	164-1	75	108	25	69	60.40	cps
Erbium	164-2	30	40	43	38	18.36	cps
Gadolinium	160-1	92	33	83	69	45.44	cps
Gadolinium	160-2	70	60	67	66	7.77	cps
Holmium	165-1	3283286	3267950	3030533	3193923	4.44	cps
Holmium	165-2	1768351	1819160	1803555	1797022	1.45	cps
Indium	115-1	3235158	3231641	2978921	3148573	4.67	cps
Indium	115-2	566238	564484	562446	564390	0.34	cps
Iron	54-2	26085	25974	25005	25688	2.31	cps
Iron	56-2	464327	466740	463344	464804	0.38	cps
Iron	57-2	11866	12350	11711	11976	2.78	cps
Krypton	83-1	1767	2017	1907	1897	6.61	cps
Lead	206-1	1050	1100	1183	1111	6.06	cps
Lead	207-1	889	878	1033	933	9.30	cps
Lead	208-1	4134	4295	4334	4254	2.49	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6127-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:18:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1749971	1754225	1615549	1706582	4.62	cps
Magnesium	24-2	166745	169434	166559	167579	0.96	cps
Manganese	55-2	54339	53517	52516	53457	1.71	cps
Molybdenum	94-1	3609	3559	3992	3720	6.38	cps
Molybdenum	95-1	5493	5818	6010	5774	4.53	cps
Molybdenum	96-1	6543	6227	6552	6441	2.88	cps
Molybdenum	97-1	3892	3909	3809	3870	1.38	cps
Molybdenum	98-1	9670	9453	9312	9478	1.91	cps
Neodymium	150-1	187	107	127	140	29.74	cps
Neodymium	150-2	43	77	20	47	61.03	cps
Nickel	60-2	3047	2974	2764	2928	5.02	cps
Phosphorus	31-2	467	550	525	514	8.32	cps
Potassium	39-2	294134	293191	289733	292353	0.79	cps
Rhodium	103-1	3111724	3069879	2908931	3030178	3.53	cps
Rhodium	103-2	1587106	1593445	1562393	1580981	1.04	cps
Scandium	45-1	2362985	2396648	2267006	2342213	2.87	cps
Scandium	45-2	91576	92636	90757	91656	1.03	cps
Selenium	82-1	144	-49	-73	7	1604.10	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	41	38	39	39	3.88	cps
Silicon	28-1	9868628	10385574	10082421	10112207	2.57	cps
Silver	109-1	108	142	158	136	18.70	cps
Silver	107-1	150	183	158	164	10.58	cps
Sodium	23-2	12636324	12478155	12384405	12499628	1.02	cps
Strontium	86-1	1696645	1726843	1684913	1702800	1.27	cps
Strontium	88-1	14540873	14669661	14413851	14541462	0.88	cps
Sulfur	34-1	943047	949495	942411	944984	0.41	cps
Terbium	159-1	3506194	3466344	3344028	3438855	2.46	cps
Terbium	159-2	1795144	1775932	1771272	1780782	0.71	cps
Thallium	203-1	50	25	25	33	43.30	cps
Thallium	205-1	133	150	150	144	6.66	cps
Tin	118-1	175	267	242	228	20.80	cps
Titanium	47-1	1283	1275	1358	1306	3.52	cps
Uranium	238-1	867	975	950	931	6.10	cps
Vanadium	51-2	183	147	157	162	11.68	cps
Yttrium	89-1	6027877	5980925	5615113	5874638	3.85	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5085-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6127-121120	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:18:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734452	728915	723049	728805	0.78	cps
Zinc	66-2	1150	1033	1027	1070	6.48	cps
Zirconium	90-1	375	433	867	558	48.12	cps
Zirconium	91-1	58	108	192	119	56.39	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : PB133660BL Instrumnet Name : P8
 Client Sample ID : PB133660BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:25:56 DataFile Name : 084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	392	380	397	5.15	cps
Antimony	121-1	292	58	17	122	121.28	cps
Arsenic	75-2	11	9	4	8	45.07	cps
Barium	135-1	509	50	58	206	127.59	cps
Barium	137-1	734	83	58	292	131.23	cps
Beryllium	9-1	182	150	140	157	13.95	cps
Bismuth	209-1	1807873	1803752	1805845	1805823	0.11	cps
Bismuth	209-2	1215667	1217259	1221960	1218296	0.27	cps
Boron	10-1	844	750	714	769	8.72	cps
Boron	11-1	3854	3784	3630	3756	3.05	cps
Bromine	81-1	4596	4696	4896	4729	3.23	cps
Cadmium	111-1	155	57	66	93	58.32	cps
Cadmium	106-1	1192	1092	1017	1100	7.98	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	255	211	226	231	9.63	cps
Calcium	44-1	18926	16640	16613	17393	7.63	cps
Chromium	52-2	760	787	780	776	1.79	cps
Cobalt	59-2	63	57	47	56	15.09	cps
Copper	63-2	781	785	712	759	5.42	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	3083823	3099556	3064197	3082525	0.57	cps
Holmium	165-2	1706029	1722580	1736612	1721740	0.89	cps
Indium	115-1	3051962	3040119	2957262	3016448	1.71	cps
Indium	115-2	530130	535360	531797	532429	0.50	cps
Iron	54-2	372	339	339	350	5.50	cps
Iron	56-2	3228	3373	3328	3310	2.24	cps
Iron	57-2	133	94	139	122	19.81	cps
Krypton	83-1	1863	1767	1887	1839	3.46	cps
Lead	206-1	778	389	389	519	43.31	cps
Lead	207-1	1050	367	361	593	66.87	cps
Lead	208-1	3668	1728	1839	2412	45.18	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BL	Instrumnet Name :	P8
Client Sample ID :	PB133660BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:25:56	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1660589	1659642	1653141	1657790	0.24	cps
Magnesium	24-2	767	1017	808	864	15.50	cps
Manganese	55-2	160	117	153	143	16.28	cps
Molybdenum	94-1	183	58	117	119	52.36	cps
Molybdenum	95-1	75	25	42	47	53.91	cps
Molybdenum	96-1	58	42	42	47	20.38	cps
Molybdenum	97-1	42	17	8	22	78.07	cps
Molybdenum	98-1	58	42	17	39	53.93	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	147	103	108	34.21	cps
Phosphorus	31-2	117	125	83	108	20.35	cps
Potassium	39-2	25698	26992	25982	26224	2.59	cps
Rhodium	103-1	2894337	2988955	2945990	2943094	1.61	cps
Rhodium	103-2	1491667	1541409	1503659	1512245	1.72	cps
Scandium	45-1	2258705	2294251	2266769	2273242	0.82	cps
Scandium	45-2	84547	85878	86924	85783	1.39	cps
Selenium	82-1	55	20	-125	-17	-572.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	55	49	54	9.26	cps
Silicon	28-1	1220042	1243546	1225778	1229789	1.00	cps
Silver	109-1	217	108	183	169	32.74	cps
Silver	107-1	192	275	242	236	17.77	cps
Sodium	23-2	43708	43950	43348	43669	0.69	cps
Strontium	86-1	3075	2892	3059	3009	3.37	cps
Strontium	88-1	433	342	167	314	43.17	cps
Sulfur	34-1	536844	541313	545407	541188	0.79	cps
Terbium	159-1	3292070	3296118	3278786	3288991	0.28	cps
Terbium	159-2	1712338	1718241	1696859	1709146	0.65	cps
Thallium	203-1	308	100	33	147	97.45	cps
Thallium	205-1	567	133	175	292	81.98	cps
Tin	118-1	383	133	225	247	51.16	cps
Titanium	47-1	400	425	367	397	7.37	cps
Uranium	238-1	492	25	0	172	160.80	cps
Vanadium	51-2	17	17	20	18	10.81	cps
Yttrium	89-1	5691454	5686501	5628610	5668855	0.62	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BL	Instrumnet Name :	P8
Client Sample ID :	PB133660BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:25:56	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	682115	683617	683330	683021	0.12	cps
Zinc	66-2	80	37	67	61	36.31	cps
Zirconium	90-1	167	242	167	192	22.59	cps
Zirconium	91-1	75	33	50	53	39.74	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191833	188985	190434	190417	0.75	cps
Antimony	121-1	1245880	1307424	1305648	1286318	2.72	cps
Arsenic	75-2	52024	51925	51345	51765	0.71	cps
Barium	135-1	1267187	1332040	1348319	1315849	3.26	cps
Barium	137-1	2185404	2315374	2263531	2254770	2.90	cps
Beryllium	9-1	381420	396720	396046	391396	2.21	cps
Bismuth	209-1	1808935	1848910	1873395	1843747	1.76	cps
Bismuth	209-2	1201713	1228596	1257841	1229384	2.28	cps
Boron	10-1	23206	28089	30463	27253	13.58	cps
Boron	11-1	115524	134583	144064	131390	11.06	cps
Bromine	81-1	4065	4415	3644	4041	9.55	cps
Cadmium	111-1	269761	276053	281951	275922	2.21	cps
Cadmium	106-1	30576	31336	32105	31339	2.44	cps
Cadmium	108-1	19952	21317	20858	20709	3.35	cps
Calcium	43-1	358470	370609	375620	368233	2.39	cps
Calcium	44-1	6017149	6177371	6364097	6186206	2.81	cps
Chromium	52-2	411263	403291	403768	406108	1.10	cps
Cobalt	59-2	711583	702987	703024	705865	0.70	cps
Copper	63-2	5091293	5035860	5070133	5065762	0.55	cps
Dysprosium	156-1	25	58	75	53	48.24	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	27	10	13	90.16	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	3102620	3218571	3242179	3187790	2.34	cps
Holmium	165-2	1701605	1745103	1749665	1732125	1.53	cps
Indium	115-1	3053259	3023872	3116894	3064675	1.55	cps
Indium	115-2	520001	535546	545087	533545	2.37	cps
Iron	54-2	862237	849389	850833	854153	0.82	cps
Iron	56-2	15547250	15533215	15508470	15529645	0.13	cps
Iron	57-2	387286	384439	380005	383910	0.96	cps
Krypton	83-1	1853	1787	1767	1802	2.52	cps
Lead	206-1	3322185	3507277	3549253	3459572	3.49	cps
Lead	207-1	2982077	3217361	3182846	3127428	4.06	cps
Lead	208-1	13382115	14271982	14199704	13951267	3.54	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1641366	1706096	1699533	1682332	2.12	cps
Magnesium	24-2	2938834	2906366	2928852	2924684	0.57	cps
Manganese	55-2	1985852	1961694	1953736	1967094	0.85	cps
Molybdenum	94-1	2389471	2484349	2552101	2475307	3.30	cps
Molybdenum	95-1	2979954	3033461	3096777	3036731	1.93	cps
Molybdenum	96-1	3245954	3358338	3369542	3324611	2.06	cps
Molybdenum	97-1	1818126	1900818	1916028	1878324	2.80	cps
Molybdenum	98-1	4691869	4836998	4857363	4795410	1.88	cps
Neodymium	150-1	60	60	47	56	13.85	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	187638	187654	188546	187946	0.28	cps
Phosphorus	31-2	13482	12864	12939	13095	2.57	cps
Potassium	39-2	1185111	1185546	1171965	1180874	0.65	cps
Rhodium	103-1	2930735	2959446	3048939	2979707	2.07	cps
Rhodium	103-2	1466565	1502862	1516467	1495298	1.73	cps
Scandium	45-1	2259989	2285323	2357795	2301036	2.21	cps
Scandium	45-2	84872	86579	86951	86134	1.29	cps
Selenium	82-1	20285	20930	20945	20720	1.82	cps
Selenium	77-2	717	687	700	701	2.14	cps
Selenium	78-2	2467	2496	2362	2442	2.89	cps
Silicon	28-1	2053743	2188127	2207467	2149779	3.89	cps
Silver	109-1	1328698	1378305	1392696	1366566	2.46	cps
Silver	107-1	1418832	1453705	1463399	1445312	1.62	cps
Sodium	23-2	5736106	5688917	5806558	5743860	1.03	cps
Strontium	86-1	404499	414184	416568	411750	1.55	cps
Strontium	88-1	3459795	3495175	3556640	3503870	1.40	cps
Sulfur	34-1	659691	668384	670883	666319	0.88	cps
Terbium	159-1	3389806	3412993	3442361	3415054	0.77	cps
Terbium	159-2	1655928	1722235	1758315	1712159	3.03	cps
Thallium	203-1	775802	796978	815909	796230	2.52	cps
Thallium	205-1	1824618	1920690	1980034	1908447	4.11	cps
Tin	118-1	891963	918315	935649	915309	2.40	cps
Titanium	47-1	922568	948503	965528	945533	2.29	cps
Uranium	238-1	2266832	2354306	2328533	2316557	1.94	cps
Vanadium	51-2	334902	335657	334547	335036	0.17	cps
Yttrium	89-1	5733896	5671134	5825226	5743419	1.35	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	PB133660BS	Instrumnet Name :	P8
Client Sample ID :	PB133660BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:28:47	DataFile Name :	085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	674809	697813	706552	693058	2.37	cps
Zinc	66-2	689002	686548	686373	687307	0.21	cps
Zirconium	90-1	2046191	2103441	2134885	2094839	2.15	cps
Zirconium	91-1	456570	467804	478093	467489	2.30	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656	1647	1666	1657	0.57	cps
Antimony	121-1	892	683	617	731	19.64	cps
Arsenic	75-2	992	945	911	949	4.28	cps
Barium	135-1	111516	113415	112221	112384	0.85	cps
Barium	137-1	189584	194188	197941	193904	2.16	cps
Beryllium	9-1	278	252	264	265	4.92	cps
Bismuth	209-1	1821353	1834610	1821473	1825812	0.42	cps
Bismuth	209-2	1256648	1250971	1252551	1253390	0.23	cps
Boron	10-1	5622	5272	5136	5343	4.69	cps
Boron	11-1	26903	25335	24039	25426	5.64	cps
Bromine	81-1	140845	181272	204586	175568	18.37	cps
Cadmium	111-1	94	88	114	99	13.88	cps
Cadmium	106-1	1267	1258	1200	1242	2.93	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	2822762	2933326	2967831	2907973	2.61	cps
Calcium	44-1	47085358	47927274	47757513	47590048	0.94	cps
Chromium	52-2	1220	1253	1177	1217	3.16	cps
Cobalt	59-2	190	147	150	162	14.86	cps
Copper	63-2	3514	3456	3219	3396	4.61	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	27	13	10	17	52.93	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	27	30	10	22	48.22	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	3306156	3256813	3315419	3292796	0.96	cps
Holmium	165-2	1839628	1826462	1809413	1825168	0.83	cps
Indium	115-1	3159203	3112353	3137236	3136264	0.75	cps
Indium	115-2	569962	564973	569327	568087	0.48	cps
Iron	54-2	91603	89931	89965	90499	1.06	cps
Iron	56-2	1649611	1640438	1627816	1639288	0.67	cps
Iron	57-2	41026	40229	41081	40779	1.17	cps
Krypton	83-1	1793	1683	1840	1772	4.54	cps
Lead	206-1	900	867	828	865	4.18	cps
Lead	207-1	672	806	744	741	9.01	cps
Lead	208-1	3500	3506	3289	3432	3.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1790070	1725496	1756878	1757481	1.84	cps
Magnesium	24-2	6857284	6783067	6819222	6819858	0.54	cps
Manganese	55-2	776443	775552	767745	773247	0.62	cps
Molybdenum	94-1	533	617	417	522	19.24	cps
Molybdenum	95-1	550	675	425	550	22.73	cps
Molybdenum	96-1	633	717	575	642	11.10	cps
Molybdenum	97-1	475	292	325	364	26.84	cps
Molybdenum	98-1	892	650	583	708	22.90	cps
Neodymium	150-1	53	87	93	78	27.56	cps
Neodymium	150-2	10	17	27	18	47.19	cps
Nickel	60-2	337	283	403	341	17.63	cps
Phosphorus	31-2	167	158	142	156	8.18	cps
Potassium	39-2	440623	433978	440139	438247	0.85	cps
Rhodium	103-1	2978910	2974820	2994012	2982580	0.34	cps
Rhodium	103-2	1543331	1541345	1557634	1547437	0.57	cps
Scandium	45-1	2371941	2365217	2429487	2388882	1.48	cps
Scandium	45-2	92827	92112	92797	92579	0.44	cps
Selenium	82-1	182	250	-1	144	90.06	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	40	49	44	44	10.18	cps
Silicon	28-1	11366450	11606066	11636105	11536207	1.28	cps
Silver	109-1	242	183	258	228	17.29	cps
Silver	107-1	233	258	292	261	11.21	cps
Sodium	23-2	45590740	44805853	44934537	45110377	0.93	cps
Strontium	86-1	1797210	1794232	1825108	1805517	0.94	cps
Strontium	88-1	14912624	15289973	15098328	15100308	1.25	cps
Sulfur	34-1	886365	893647	896288	892100	0.58	cps
Terbium	159-1	3480242	3474368	3419536	3458048	0.97	cps
Terbium	159-2	1841223	1832523	1836664	1836803	0.24	cps
Thallium	203-1	558	733	583	625	15.14	cps
Thallium	205-1	1267	1608	1442	1439	11.87	cps
Tin	118-1	292	300	383	325	15.60	cps
Titanium	47-1	1433	1475	1400	1436	2.62	cps
Uranium	238-1	9320	9604	9604	9509	1.72	cps
Vanadium	51-2	183	153	110	149	24.76	cps
Yttrium	89-1	5867685	5960081	5905651	5911139	0.79	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:31:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	730280	724744	733927	729650	0.63	cps
Zinc	66-2	1983	2027	2037	2016	1.41	cps
Zirconium	90-1	525	658	1444	876	56.72	cps
Zirconium	91-1	133	133	150	139	6.93	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-01DUP Instrumnet Name : P8
 Client Sample ID : 49-5970(D)-121320DUP Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:34:25 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1760	1707	1559	1675	6.23	cps
Antimony	121-1	342	608	600	517	29.34	cps
Arsenic	75-2	917	964	917	933	2.91	cps
Barium	135-1	111843	112599	112574	112338	0.38	cps
Barium	137-1	192803	196487	195634	194975	0.99	cps
Beryllium	9-1	172	216	216	201	12.62	cps
Bismuth	209-1	1800397	1829774	1873431	1834534	2.00	cps
Bismuth	209-2	1258316	1246728	1278889	1261311	1.29	cps
Boron	10-1	2722	2906	2942	2856	4.13	cps
Boron	11-1	13199	13790	13536	13508	2.19	cps
Bromine	81-1	170730	203086	224532	199449	13.58	cps
Cadmium	111-1	76	102	94	90	14.63	cps
Cadmium	106-1	1167	1000	1075	1081	7.73	cps
Cadmium	108-1	17	33	29	26	32.86	cps
Calcium	43-1	2847598	2876788	2897745	2874044	0.88	cps
Calcium	44-1	47118851	47838688	47553541	47503693	0.76	cps
Chromium	52-2	1153	1150	1223	1176	3.52	cps
Cobalt	59-2	147	177	177	167	10.39	cps
Copper	63-2	3026	3015	2968	3003	1.02	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	17	23	33	24	34.31	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	27	30	10	22	48.22	cps
Gadolinium	160-1	50	50	133	78	61.86	cps
Gadolinium	160-2	20	27	27	24	15.75	cps
Holmium	165-1	3256055	3250072	3316068	3274065	1.11	cps
Holmium	165-2	1848104	1833244	1842765	1841371	0.41	cps
Indium	115-1	3177371	3237344	3291257	3235324	1.76	cps
Indium	115-2	578919	579302	587239	581820	0.81	cps
Iron	54-2	91144	91261	90926	91111	0.19	cps
Iron	56-2	1726113	1687305	1671631	1695016	1.65	cps
Iron	57-2	41800	41366	41549	41572	0.52	cps
Krypton	83-1	1833	1910	1970	1905	3.60	cps
Lead	206-1	606	617	589	604	2.32	cps
Lead	207-1	594	567	450	537	14.27	cps
Lead	208-1	2389	2550	2189	2376	7.61	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-01DUP Instrumnet Name : P8
 Client Sample ID : 49-5970(D)-121320DUP Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:34:25 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1762619	1764242	1789602	1772154	0.85	cps
Magnesium	24-2	7026598	6912739	6839112	6926150	1.36	cps
Manganese	55-2	784484	786452	775117	782017	0.77	cps
Molybdenum	94-1	308	375	333	339	9.94	cps
Molybdenum	95-1	233	317	325	292	17.38	cps
Molybdenum	96-1	350	467	383	400	15.02	cps
Molybdenum	97-1	142	150	158	150	5.56	cps
Molybdenum	98-1	342	317	433	364	16.88	cps
Neodymium	150-1	47	60	53	53	12.50	cps
Neodymium	150-2	23	30	17	23	28.56	cps
Nickel	60-2	370	317	300	329	11.12	cps
Phosphorus	31-2	233	183	125	181	30.03	cps
Potassium	39-2	442582	445302	440072	442652	0.59	cps
Rhodium	103-1	3008554	2997473	2995064	3000364	0.24	cps
Rhodium	103-2	1560551	1567739	1543680	1557323	0.79	cps
Scandium	45-1	2449422	2402814	2454695	2435644	1.17	cps
Scandium	45-2	93001	92311	93206	92840	0.51	cps
Selenium	82-1	220	121	-118	74	234.31	cps
Selenium	77-2	17	7	0	8	107.84	cps
Selenium	78-2	42	41	47	43	7.42	cps
Silicon	28-1	11318085	11550726	11577199	11482003	1.24	cps
Silver	109-1	233	342	375	317	23.39	cps
Silver	107-1	250	233	417	300	33.79	cps
Sodium	23-2	46121498	45501490	44906146	45509711	1.34	cps
Strontium	86-1	1757814	1792415	1785425	1778551	1.03	cps
Strontium	88-1	14820672	15236837	15042722	15033411	1.39	cps
Sulfur	34-1	887940	898171	900679	895597	0.75	cps
Terbium	159-1	3483657	3601129	3655004	3579930	2.45	cps
Terbium	159-2	1851349	1882293	1827275	1853639	1.49	cps
Thallium	203-1	133	183	183	167	17.32	cps
Thallium	205-1	442	392	467	433	8.81	cps
Tin	118-1	167	233	283	228	25.70	cps
Titanium	47-1	1467	1400	1367	1411	3.61	cps
Uranium	238-1	9437	9204	9028	9223	2.22	cps
Vanadium	51-2	147	140	153	147	4.55	cps
Yttrium	89-1	5950077	5936498	6108466	5998347	1.59	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01DUP	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:34:25	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	739821	738416	747434	741890	0.65	cps
Zinc	66-2	660	673	597	643	6.37	cps
Zirconium	90-1	550	625	592	589	6.38	cps
Zirconium	91-1	83	125	108	106	19.86	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	922808	929220	925311	925780	0.35	cps
Antimony	121-1	1254596	1276451	1283636	1271561	1.19	cps
Arsenic	75-2	51252	52121	51669	51681	0.84	cps
Barium	135-1	1309935	1334314	1330502	1324917	0.99	cps
Barium	137-1	2235403	2226087	2283920	2248470	1.38	cps
Beryllium	9-1	396021	399962	399653	398546	0.55	cps
Bismuth	209-1	1735999	1803211	1857285	1798831	3.38	cps
Bismuth	209-2	1236629	1246766	1233225	1238874	0.57	cps
Boron	10-1	28322	31048	34111	31160	9.29	cps
Boron	11-1	137176	150652	162214	150014	8.35	cps
Bromine	81-1	58571	52672	49317	53520	8.75	cps
Cadmium	111-1	270166	273824	277034	273674	1.26	cps
Cadmium	106-1	30576	30543	31011	30710	0.85	cps
Cadmium	108-1	20152	20866	20724	20581	1.84	cps
Calcium	43-1	1901712	1925696	1936202	1921203	0.92	cps
Calcium	44-1	31205086	31997770	32154286	31785714	1.60	cps
Chromium	52-2	409623	408378	411597	409866	0.40	cps
Cobalt	59-2	702953	701664	704482	703033	0.20	cps
Copper	63-2	4982544	5009513	4996323	4996127	0.27	cps
Dysprosium	156-1	100	50	133	94	44.41	cps
Dysprosium	156-2	53	37	60	50	24.03	cps
Erbium	164-1	42	33	58	44	28.64	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	75	150	108	111	33.82	cps
Gadolinium	160-2	77	47	77	67	25.98	cps
Holmium	165-1	3137347	3147583	3215255	3166728	1.34	cps
Holmium	165-2	1797112	1812392	1753722	1787742	1.70	cps
Indium	115-1	3019466	2995146	3124382	3046331	2.25	cps
Indium	115-2	556873	552075	550069	553006	0.63	cps
Iron	54-2	4070626	4141716	4148441	4120261	1.05	cps
Iron	56-2	73413302	74385588	73530691	73776527	0.72	cps
Iron	57-2	1858220	1894855	1891700	1881592	1.08	cps
Krypton	83-1	1783	1723	1823	1777	2.83	cps
Lead	206-1	3374522	3461433	3564528	3466828	2.74	cps
Lead	207-1	3064138	3125151	3128843	3106044	1.17	cps
Lead	208-1	13715600	13962652	14161016	13946423	1.60	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1695819	1709019	1752415	1719085	1.72	cps
Magnesium	24-2	14288524	14275971	14334700	14299732	0.22	cps
Manganese	55-2	1985569	1998094	2003440	1995701	0.46	cps
Molybdenum	94-1	2536039	2522555	2540576	2533056	0.37	cps
Molybdenum	95-1	3015336	3095748	3142902	3084662	2.09	cps
Molybdenum	96-1	3331279	3414166	3433733	3393059	1.60	cps
Molybdenum	97-1	1897098	1933984	1936648	1922577	1.15	cps
Molybdenum	98-1	4777524	4934868	4950486	4887626	1.96	cps
Neodymium	150-1	53	60	67	60	11.12	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	186025	188161	187269	187152	0.57	cps
Phosphorus	31-2	12572	12898	12881	12784	1.43	cps
Potassium	39-2	5597270	5688008	5648962	5644747	0.81	cps
Rhodium	103-1	2812430	2874382	2945515	2877442	2.31	cps
Rhodium	103-2	1527860	1548852	1517557	1531423	1.04	cps
Scandium	45-1	2274469	2334470	2359735	2322891	1.89	cps
Scandium	45-2	90443	90828	90754	90675	0.23	cps
Selenium	82-1	20416	20611	20457	20495	0.50	cps
Selenium	77-2	697	633	727	686	6.95	cps
Selenium	78-2	2361	2419	2450	2410	1.87	cps
Silicon	28-1	2313595	2449310	2618837	2460581	6.22	cps
Silver	109-1	1318142	1355370	1334177	1335896	1.40	cps
Silver	107-1	1395199	1406168	1418103	1406490	0.81	cps
Sodium	23-2	27974789	28043473	28036253	28018171	0.13	cps
Strontium	86-1	412112	420330	422418	418286	1.30	cps
Strontium	88-1	3510836	3555527	3544530	3536964	0.66	cps
Sulfur	34-1	667654	662899	665538	665364	0.36	cps
Terbium	159-1	3327980	3368444	3493597	3396674	2.54	cps
Terbium	159-2	1801658	1783191	1770122	1784990	0.89	cps
Thallium	203-1	787362	797636	791108	792035	0.66	cps
Thallium	205-1	1865604	1910580	1929362	1901849	1.72	cps
Tin	118-1	903937	909955	921095	911662	0.95	cps
Titanium	47-1	954093	958492	975914	962833	1.20	cps
Uranium	238-1	2304149	2356131	2380529	2346936	1.66	cps
Vanadium	51-2	340376	341269	343722	341789	0.51	cps
Yttrium	89-1	5593301	5707542	5942500	5747781	3.10	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:37:16	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	728899	721232	718981	723037	0.72	cps
Zinc	66-2	672759	677299	672245	674101	0.41	cps
Zirconium	90-1	2068344	2128348	2159793	2118828	2.19	cps
Zirconium	91-1	469535	472620	483328	475161	1.52	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:43:40 DataFile Name : 089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	419	387	410	4.89	cps
Antimony	121-1	258	192	150	200	27.32	cps
Arsenic	75-2	10	5	6	7	37.80	cps
Barium	135-1	83	50	42	58	37.80	cps
Barium	137-1	142	100	108	117	18.90	cps
Beryllium	9-1	202	258	248	236	12.66	cps
Bismuth	209-1	1821208	1780894	1838092	1813398	1.62	cps
Bismuth	209-2	1235847	1237068	1243556	1238823	0.33	cps
Boron	10-1	1524	1604	1360	1496	8.32	cps
Boron	11-1	6966	6862	6668	6832	2.21	cps
Bromine	81-1	11226	10735	9964	10642	5.98	cps
Cadmium	111-1	80	59	59	66	18.09	cps
Cadmium	106-1	1158	975	1117	1083	8.87	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	222	239	227	230	3.63	cps
Calcium	44-1	16949	16711	16553	16738	1.19	cps
Chromium	52-2	793	840	763	799	4.84	cps
Cobalt	59-2	100	73	87	87	15.39	cps
Copper	63-2	1190	1121	1077	1130	5.04	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	67	31	103.26	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	3049258	3061927	3109288	3073491	1.03	cps
Holmium	165-2	1740617	1733781	1762327	1745575	0.85	cps
Indium	115-1	3087018	2994233	3087629	3056293	1.76	cps
Indium	115-2	544096	543473	549137	545569	0.57	cps
Iron	54-2	494	533	517	515	3.79	cps
Iron	56-2	4540	4590	4479	4536	1.23	cps
Iron	57-2	178	178	106	154	27.13	cps
Krypton	83-1	1857	1837	1693	1796	4.96	cps
Lead	206-1	578	517	489	528	8.62	cps
Lead	207-1	461	411	506	459	10.29	cps
Lead	208-1	2256	2100	2133	2163	3.79	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:43:40	DataFile Name :	089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1685105	1680934	1729095	1698378	1.57	cps
Magnesium	24-2	1008	1100	958	1022	7.03	cps
Manganese	55-2	220	203	233	219	6.87	cps
Molybdenum	94-1	167	133	125	142	15.56	cps
Molybdenum	95-1	117	117	50	94	40.76	cps
Molybdenum	96-1	117	92	142	117	21.43	cps
Molybdenum	97-1	67	42	8	39	75.26	cps
Molybdenum	98-1	83	117	100	100	16.66	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	110	77	113	100	20.27	cps
Phosphorus	31-2	200	158	133	164	20.55	cps
Potassium	39-2	27034	27176	26057	26756	2.28	cps
Rhodium	103-1	2930226	2913122	2953507	2932285	0.69	cps
Rhodium	103-2	1531443	1549376	1509239	1530019	1.31	cps
Scandium	45-1	2307295	2203238	2246778	2252437	2.32	cps
Scandium	45-2	84835	86089	86636	85853	1.08	cps
Selenium	82-1	85	-44	189	77	152.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	33	53	43	23.27	cps
Silicon	28-1	1214404	1205478	1211744	1210542	0.38	cps
Silver	109-1	242	275	258	258	6.45	cps
Silver	107-1	167	275	350	264	34.93	cps
Sodium	23-2	51207	51299	51123	51210	0.17	cps
Strontium	86-1	3134	2709	2884	2909	7.35	cps
Strontium	88-1	250	242	208	233	9.45	cps
Sulfur	34-1	527847	533817	528699	530121	0.61	cps
Terbium	159-1	3352034	3331594	3343884	3342504	0.31	cps
Terbium	159-2	1698531	1702144	1771571	1724082	2.39	cps
Thallium	203-1	100	167	167	144	26.65	cps
Thallium	205-1	325	283	283	297	8.09	cps
Tin	118-1	292	250	242	261	10.26	cps
Titanium	47-1	300	333	283	306	8.33	cps
Uranium	238-1	42	58	42	47	20.38	cps
Vanadium	51-2	37	23	13	24	47.91	cps
Yttrium	89-1	5723761	5567603	5713905	5668423	1.54	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:43:40	DataFile Name :	089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	696982	692134	693320	694145	0.36	cps
Zinc	66-2	67	127	100	98	30.74	cps
Zirconium	90-1	233	183	242	219	14.38	cps
Zirconium	91-1	75	108	75	86	22.35	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	681	675	677	678	0.46	cps
Antimony	121-1	208	100	167	158	34.51	cps
Arsenic	75-2	175	193	220	196	11.55	cps
Barium	135-1	22369	21418	22035	21941	2.20	cps
Barium	137-1	37628	37996	38414	38012	1.03	cps
Beryllium	9-1	192	198	234	208	10.92	cps
Bismuth	209-1	1826753	1859975	1888199	1858309	1.66	cps
Bismuth	209-2	1268453	1264404	1269047	1267301	0.20	cps
Boron	10-1	1268	1316	1278	1287	1.97	cps
Boron	11-1	6380	6386	6128	6298	2.34	cps
Bromine	81-1	33374	42608	48131	41371	18.02	cps
Cadmium	111-1	71	69	70	70	1.51	cps
Cadmium	106-1	1017	1125	1192	1111	7.95	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Calcium	43-1	536124	550547	557318	547996	1.98	cps
Calcium	44-1	9103355	9242554	9302790	9216233	1.11	cps
Chromium	52-2	873	890	1037	933	9.63	cps
Cobalt	59-2	80	93	77	83	10.58	cps
Copper	63-2	1378	1417	1301	1365	4.32	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	17	50	8	25	88.19	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	3157333	3138969	3252289	3182864	1.91	cps
Holmium	165-2	1782814	1837041	1831148	1817001	1.64	cps
Indium	115-1	3046948	3180040	3110850	3112612	2.14	cps
Indium	115-2	561239	566075	569193	565502	0.71	cps
Iron	54-2	18162	18073	18340	18191	0.75	cps
Iron	56-2	324736	322577	323497	323603	0.33	cps
Iron	57-2	7724	8191	8069	7995	3.03	cps
Krypton	83-1	1850	1817	1737	1801	3.23	cps
Lead	206-1	528	667	617	604	11.65	cps
Lead	207-1	483	544	489	506	6.68	cps
Lead	208-1	2178	2356	2256	2263	3.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1749617	1728938	1746767	1741774	0.64	cps
Magnesium	24-2	1360789	1381800	1365881	1369490	0.80	cps
Manganese	55-2	151805	151147	151747	151566	0.24	cps
Molybdenum	94-1	117	175	208	167	27.84	cps
Molybdenum	95-1	133	108	50	97	43.99	cps
Molybdenum	96-1	125	117	142	128	9.96	cps
Molybdenum	97-1	33	117	67	72	58.08	cps
Molybdenum	98-1	150	158	200	169	15.81	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	150	173	157	160	7.51	cps
Phosphorus	31-2	175	133	150	153	13.73	cps
Potassium	39-2	105870	107011	108086	106989	1.04	cps
Rhodium	103-1	2910526	2983695	3061242	2985154	2.52	cps
Rhodium	103-2	1557770	1570054	1587294	1571706	0.94	cps
Scandium	45-1	2368607	2339158	2393844	2367203	1.16	cps
Scandium	45-2	90298	89845	91680	90608	1.05	cps
Selenium	82-1	-57	67	77	29	259.12	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	39	50	35	41	18.80	cps
Silicon	28-1	3161802	3183664	3226472	3190646	1.03	cps
Silver	109-1	100	117	108	108	7.69	cps
Silver	107-1	117	75	108	100	22.05	cps
Sodium	23-2	8812641	8927682	8858429	8866251	0.65	cps
Strontium	86-1	340073	346111	350922	345702	1.57	cps
Strontium	88-1	2891964	2935297	2947914	2925058	1.00	cps
Sulfur	34-1	593907	598956	600969	597944	0.61	cps
Terbium	159-1	3439163	3429439	3429729	3432777	0.16	cps
Terbium	159-2	1811142	1825957	1838046	1825048	0.74	cps
Thallium	203-1	58	75	167	100	58.33	cps
Thallium	205-1	250	192	200	214	14.75	cps
Tin	118-1	200	242	208	217	10.18	cps
Titanium	47-1	642	633	567	614	6.70	cps
Uranium	238-1	1800	1850	1800	1817	1.59	cps
Vanadium	51-2	40	27	53	40	33.33	cps
Yttrium	89-1	5707968	5733175	5811024	5750722	0.93	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01LX5	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-16 18:46:30	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	714994	723300	727320	721871	0.87	cps
Zinc	66-2	170	193	240	201	17.72	cps
Zirconium	90-1	250	308	233	264	14.92	cps
Zirconium	91-1	33	83	108	75	50.92	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202420	200123	202253	201599	0.64	cps
Antimony	121-1	1164577	1179497	1171255	1171776	0.64	cps
Arsenic	75-2	53309	53540	53575	53475	0.27	cps
Barium	135-1	1428059	1499922	1477501	1468494	2.50	cps
Barium	137-1	2456920	2555591	2540905	2517805	2.11	cps
Beryllium	9-1	390240	392447	391603	391430	0.28	cps
Bismuth	209-1	1868663	1820565	1801861	1830363	1.88	cps
Bismuth	209-2	1260351	1253044	1246949	1253448	0.54	cps
Boron	10-1	30622	34928	36614	34055	9.07	cps
Boron	11-1	150512	169013	175170	164898	7.78	cps
Bromine	81-1	146379	180162	202864	176468	16.11	cps
Cadmium	111-1	261567	264444	265666	263892	0.80	cps
Cadmium	106-1	29874	30476	30151	30167	1.00	cps
Cadmium	108-1	19597	20607	20403	20202	2.64	cps
Calcium	43-1	3098627	3167889	3190549	3152355	1.52	cps
Calcium	44-1	51738135	52541554	53136353	52472014	1.34	cps
Chromium	52-2	400981	402328	399562	400957	0.34	cps
Cobalt	59-2	685439	678976	686152	683522	0.58	cps
Copper	63-2	996085	1000127	994812	997008	0.28	cps
Dysprosium	156-1	50	58	92	67	33.08	cps
Dysprosium	156-2	23	37	30	30	22.23	cps
Erbium	164-1	67	58	25	50	44.10	cps
Erbium	164-2	23	37	23	28	27.73	cps
Gadolinium	160-1	58	75	58	64	15.06	cps
Gadolinium	160-2	27	47	57	43	35.25	cps
Holmium	165-1	3341748	3252541	3323384	3305891	1.42	cps
Holmium	165-2	1829318	1800099	1847956	1825791	1.32	cps
Indium	115-1	3230517	3196618	3101153	3176096	2.11	cps
Indium	115-2	564174	565339	572811	567442	0.83	cps
Iron	54-2	969520	965092	970339	968317	0.29	cps
Iron	56-2	17634921	17444384	17539467	17539591	0.54	cps
Iron	57-2	429155	432413	431674	431081	0.40	cps
Krypton	83-1	1827	1847	1883	1852	1.55	cps
Lead	206-1	607781	623641	615432	615618	1.29	cps
Lead	207-1	544922	548988	561437	551782	1.56	cps
Lead	208-1	2455166	2500219	2489616	2481667	0.95	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1769599	1796945	1768226	1778257	0.91	cps
Magnesium	24-2	9465303	9506775	9664928	9545669	1.10	cps
Manganese	55-2	1145581	1148278	1157429	1150429	0.54	cps
Molybdenum	94-1	2539302	2617465	2581647	2579472	1.52	cps
Molybdenum	95-1	3225743	3266656	3222751	3238383	0.76	cps
Molybdenum	96-1	3516879	3586430	3592662	3565323	1.18	cps
Molybdenum	97-1	1999651	2029278	2016701	2015210	0.74	cps
Molybdenum	98-1	4973038	5217755	5132618	5107804	2.43	cps
Neodymium	150-1	167	133	100	133	25.00	cps
Neodymium	150-2	33	7	20	20	66.65	cps
Nickel	60-2	192413	193987	194029	193476	0.48	cps
Phosphorus	31-2	150	167	75	131	37.40	cps
Potassium	39-2	1607823	1631439	1660571	1633278	1.62	cps
Rhodium	103-1	3017598	3028679	3016716	3020998	0.22	cps
Rhodium	103-2	1549121	1546085	1559623	1551610	0.46	cps
Scandium	45-1	2449952	2427715	2452142	2443270	0.55	cps
Scandium	45-2	92696	92099	94531	93109	1.36	cps
Selenium	82-1	20117	20222	20435	20258	0.80	cps
Selenium	77-2	683	677	717	692	3.10	cps
Selenium	78-2	2401	2290	2260	2317	3.21	cps
Silicon	28-1	11897347	11999563	12103603	12000171	0.86	cps
Silver	109-1	1108448	1164995	1133312	1135585	2.50	cps
Silver	107-1	1140967	1274968	1223563	1213166	5.57	cps
Sodium	23-2	49315875	48455990	49390568	49054144	1.06	cps
Strontium	86-1	2085229	2153770	2140263	2126421	1.71	cps
Strontium	88-1	17864973	18216204	18051119	18044098	0.97	cps
Sulfur	34-1	878984	885247	885226	883152	0.41	cps
Terbium	159-1	3499959	3474314	3517507	3497260	0.62	cps
Terbium	159-2	1838344	1828282	1864101	1843575	1.00	cps
Thallium	203-1	767706	779826	774174	773902	0.78	cps
Thallium	205-1	1828869	1891763	1862379	1861004	1.69	cps
Tin	118-1	948784	949672	957773	952076	0.52	cps
Titanium	47-1	973973	998003	995728	989235	1.34	cps
Uranium	238-1	2260894	2330279	2306653	2299275	1.53	cps
Vanadium	51-2	335803	336726	337044	336525	0.19	cps
Yttrium	89-1	6060119	5908487	5988961	5985856	1.27	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MS	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:49:21	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734311	732933	735383	734209	0.17	cps
Zinc	66-2	135901	136674	136157	136244	0.29	cps
Zirconium	90-1	2060287	2107227	2100957	2089490	1.22	cps
Zirconium	91-1	457172	469323	470991	465828	1.62	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MSD	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:52:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219224	221562	218623	219803	0.71	cps
Antimony	121-1	1149471	1166181	1149467	1155040	0.84	cps
Arsenic	75-2	53484	53576	53396	53485	0.17	cps
Barium	135-1	1564234	1621900	1621250	1602461	2.07	cps
Barium	137-1	2708981	2821066	2809240	2779762	2.22	cps
Beryllium	9-1	382092	396046	398030	392056	2.22	cps
Bismuth	209-1	1848633	1846876	1890893	1862134	1.34	cps
Bismuth	209-2	1253182	1261264	1267785	1260744	0.58	cps
Boron	10-1	36522	40179	42661	39787	7.76	cps
Boron	11-1	179074	194489	207061	193541	7.24	cps
Bromine	81-1	171217	195137	213892	193415	11.06	cps
Cadmium	111-1	261715	269115	273187	268006	2.17	cps
Cadmium	106-1	29774	30601	29674	30017	1.70	cps
Cadmium	108-1	20006	20799	20311	20372	1.96	cps
Calcium	43-1	3083195	3139076	3200539	3140937	1.87	cps
Calcium	44-1	51798624	53127462	52932409	52619498	1.36	cps
Chromium	52-2	401482	402587	397814	400628	0.62	cps
Cobalt	59-2	686061	687801	688149	687337	0.16	cps
Copper	63-2	1102269	1091008	1095377	1096218	0.52	cps
Dysprosium	156-1	58	100	50	69	38.57	cps
Dysprosium	156-2	37	33	30	33	10.01	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	7	20	23	17	52.90	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	37	37	43	39	9.89	cps
Holmium	165-1	3290188	3305939	3280835	3292321	0.39	cps
Holmium	165-2	1808631	1866539	1847171	1840780	1.60	cps
Indium	115-1	3209035	3190878	3204161	3201358	0.29	cps
Indium	115-2	574081	572617	582081	576260	0.88	cps
Iron	54-2	1044751	1043240	1039036	1042343	0.28	cps
Iron	56-2	18885136	19048700	18804832	18912889	0.66	cps
Iron	57-2	468532	472670	469640	470280	0.46	cps
Krypton	83-1	1830	1917	1787	1845	3.59	cps
Lead	206-1	613545	619371	626347	619754	1.03	cps
Lead	207-1	541386	563838	561199	555474	2.21	cps
Lead	208-1	2453126	2536138	2538615	2509293	1.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MSD	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:52:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1801584	1800794	1804060	1802146	0.09	cps
Magnesium	24-2	9561918	9587978	9607629	9585841	0.24	cps
Manganese	55-2	1189849	1199252	1178042	1189048	0.89	cps
Molybdenum	94-1	2722516	2804834	2791414	2772922	1.59	cps
Molybdenum	95-1	3413055	3619426	3571049	3534510	3.05	cps
Molybdenum	96-1	3790806	3920770	3850928	3854168	1.69	cps
Molybdenum	97-1	2181095	2233804	2212722	2209207	1.20	cps
Molybdenum	98-1	5455683	5666442	5694535	5605553	2.33	cps
Neodymium	150-1	147	80	107	111	30.20	cps
Neodymium	150-2	27	10	23	20	44.10	cps
Nickel	60-2	191433	192971	191173	191859	0.51	cps
Phosphorus	31-2	158	192	83	144	38.41	cps
Potassium	39-2	1762428	1739816	1741703	1747982	0.72	cps
Rhodium	103-1	2999425	3061157	3045257	3035280	1.06	cps
Rhodium	103-2	1581550	1544944	1562113	1562869	1.17	cps
Scandium	45-1	2478955	2462717	2432807	2458160	0.95	cps
Scandium	45-2	92592	92679	92626	92632	0.05	cps
Selenium	82-1	19941	20417	20634	20330	1.74	cps
Selenium	77-2	720	740	737	732	1.46	cps
Selenium	78-2	2356	2411	2439	2402	1.76	cps
Silicon	28-1	11654027	12219051	12089209	11987429	2.47	cps
Silver	109-1	1189876	1206092	1161482	1185817	1.90	cps
Silver	107-1	1340993	1220003	1346478	1302491	5.49	cps
Sodium	23-2	49107120	49897694	49037654	49347489	0.97	cps
Strontium	86-1	2106231	2160344	2186809	2151128	1.91	cps
Strontium	88-1	17794442	18441706	18431691	18222613	2.04	cps
Sulfur	34-1	874370	874375	878678	875808	0.28	cps
Terbium	159-1	3564080	3502091	3581303	3549158	1.17	cps
Terbium	159-2	1819191	1834866	1864052	1839370	1.24	cps
Thallium	203-1	762117	784300	790465	778960	1.91	cps
Thallium	205-1	1843793	1848719	1881431	1857981	1.10	cps
Tin	118-1	1017936	1064179	1045791	1042635	2.23	cps
Titanium	47-1	1054863	1094062	1097654	1082193	2.19	cps
Uranium	238-1	2253468	2263753	2336441	2284554	1.98	cps
Vanadium	51-2	337555	340506	338650	338904	0.44	cps
Yttrium	89-1	5984041	6056249	6040358	6026883	0.63	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01MSD	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:52:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740524	739895	748112	742844	0.62	cps
Zinc	66-2	150765	149782	148010	149519	0.93	cps
Zirconium	90-1	2064679	2116755	2145261	2108898	1.94	cps
Zirconium	91-1	458147	479499	474052	470566	2.36	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203868	202862	202726	203152	0.31	cps
Antimony	121-1	1143247	1153007	1143524	1146592	0.48	cps
Arsenic	75-2	53877	53591	53552	53674	0.33	cps
Barium	135-1	1461634	1527549	1489938	1493040	2.21	cps
Barium	137-1	2489628	2604238	2500907	2531591	2.50	cps
Beryllium	9-1	381107	401302	396987	393132	2.71	cps
Bismuth	209-1	1849564	1524209	1711617	1695130	9.63	cps
Bismuth	209-2	1255384	1248686	1251987	1252019	0.27	cps
Boron	10-1	35528	40096	41143	38922	7.67	cps
Boron	11-1	168912	188300	195095	184102	7.38	cps
Bromine	81-1	178929	213904	231452	208095	12.85	cps
Cadmium	111-1	262094	274080	269442	268539	2.25	cps
Cadmium	106-1	29657	30534	29390	29861	2.00	cps
Cadmium	108-1	20545	21008	21108	20887	1.44	cps
Calcium	43-1	3131793	3199828	3189572	3173731	1.16	cps
Calcium	44-1	51268050	53988358	52952036	52736148	2.60	cps
Chromium	52-2	403077	403041	402507	402875	0.08	cps
Cobalt	59-2	690810	691478	690191	690826	0.09	cps
Copper	63-2	1003459	1004304	1007579	1005114	0.22	cps
Dysprosium	156-1	25	83	50	53	55.46	cps
Dysprosium	156-2	20	27	17	21	24.12	cps
Erbium	164-1	83	33	50	56	45.83	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	27	47	33	36	28.64	cps
Holmium	165-1	3260669	2783276	3057367	3033771	7.90	cps
Holmium	165-2	1792259	1835447	1828147	1818618	1.27	cps
Indium	115-1	3195331	2694355	3038386	2976024	8.61	cps
Indium	115-2	572142	578336	580038	576839	0.72	cps
Iron	54-2	975502	966851	971771	971375	0.45	cps
Iron	56-2	17587323	17514933	17533798	17545351	0.21	cps
Iron	57-2	439596	432306	434776	435559	0.85	cps
Krypton	83-1	1913	1753	1777	1815	4.76	cps
Lead	206-1	603567	634267	627506	621780	2.59	cps
Lead	207-1	545988	561152	562736	556625	1.66	cps
Lead	208-1	2460912	2531060	2523912	2505295	1.54	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1793169	1561418	1711994	1688860	6.96	cps
Magnesium	24-2	9684191	9519379	9590009	9597860	0.86	cps
Manganese	55-2	1157673	1152152	1152763	1154196	0.26	cps
Molybdenum	94-1	2620283	2631156	2601435	2617624	0.57	cps
Molybdenum	95-1	3221899	3270613	3262620	3251711	0.80	cps
Molybdenum	96-1	3453236	3632442	3646698	3577459	3.01	cps
Molybdenum	97-1	2011841	2054449	2040568	2035619	1.07	cps
Molybdenum	98-1	4937428	5257285	5127402	5107372	3.15	cps
Neodymium	150-1	107	93	140	113	21.21	cps
Neodymium	150-2	10	30	43	28	60.40	cps
Nickel	60-2	192014	191002	194180	192399	0.84	cps
Phosphorus	31-2	192	217	125	178	26.65	cps
Potassium	39-2	1681211	1651071	1620928	1651070	1.83	cps
Rhodium	103-1	2989821	2507111	2805048	2767327	8.80	cps
Rhodium	103-2	1563122	1560899	1558905	1560975	0.14	cps
Scandium	45-1	2456858	2064013	2272182	2264351	8.68	cps
Scandium	45-2	92787	93119	93230	93045	0.25	cps
Selenium	82-1	19833	20957	20734	20508	2.90	cps
Selenium	77-2	817	680	650	716	12.42	cps
Selenium	78-2	2325	2442	2411	2393	2.53	cps
Silicon	28-1	11789356	12252746	11997622	12013241	1.93	cps
Silver	109-1	1131401	1135826	1152456	1139895	0.97	cps
Silver	107-1	1143452	1227346	1306995	1225931	6.67	cps
Sodium	23-2	49437247	49307526	49133150	49292641	0.31	cps
Strontium	86-1	2142373	2224702	2176680	2181252	1.90	cps
Strontium	88-1	17990358	18638718	18259651	18296242	1.78	cps
Sulfur	34-1	866446	885450	878977	876958	1.10	cps
Terbium	159-1	3521321	2926967	3352378	3266888	9.37	cps
Terbium	159-2	1834426	1824205	1860450	1839694	1.02	cps
Thallium	203-1	764561	798309	783082	781984	2.16	cps
Thallium	205-1	1795004	1912263	1829107	1845458	3.27	cps
Tin	118-1	936374	966925	960260	954520	1.68	cps
Titanium	47-1	975351	1021044	1020388	1005594	2.60	cps
Uranium	238-1	2259141	2331593	2308917	2299884	1.61	cps
Vanadium	51-2	340560	340508	338548	339872	0.34	cps
Yttrium	89-1	6009395	5005323	5634399	5549706	9.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-01A	Instrumnet Name :	P8
Client Sample ID :	49-5970(D)-121320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:55:00	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	736783	737950	745117	739950	0.61	cps
Zinc	66-2	138263	137893	137967	138041	0.14	cps
Zirconium	90-1	2103810	2187482	2191929	2161074	2.30	cps
Zirconium	91-1	471605	482755	478982	477781	1.19	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-03 Instrumnet Name : P8
 Client Sample ID : 49-MW016(SOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:57:48 DataFile Name : 094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1636	1589	1707	1644	3.64	cps
Antimony	121-1	1608	1375	1625	1536	9.10	cps
Arsenic	75-2	53	51	49	51	3.92	cps
Barium	135-1	76013	75854	75662	75843	0.23	cps
Barium	137-1	126345	131426	131788	129853	2.34	cps
Beryllium	9-1	656	576	560	597	8.61	cps
Bismuth	209-1	1858555	1880435	1870217	1869736	0.59	cps
Bismuth	209-2	1280254	1297990	1309800	1296015	1.15	cps
Boron	10-1	7741	7530	7078	7450	4.54	cps
Boron	11-1	36606	36017	35195	35939	1.97	cps
Bromine	81-1	125544	142267	146424	138078	8.00	cps
Cadmium	111-1	336	244	255	278	18.18	cps
Cadmium	106-1	1308	1258	1358	1308	3.82	cps
Cadmium	108-1	21	33	25	26	24.12	cps
Calcium	43-1	1643185	1637808	1665919	1648971	0.90	cps
Calcium	44-1	26985646	26975332	27264285	27075088	0.61	cps
Chromium	52-2	1490	1347	1333	1390	6.25	cps
Cobalt	59-2	900	820	827	849	5.23	cps
Copper	63-2	2271	2427	2210	2303	4.86	cps
Dysprosium	156-1	1817	1675	1767	1753	4.10	cps
Dysprosium	156-2	1077	1107	1083	1089	1.45	cps
Erbium	164-1	1608	1709	1750	1689	4.31	cps
Erbium	164-2	937	1040	1140	1039	9.79	cps
Gadolinium	160-1	1867	1834	1909	1870	2.01	cps
Gadolinium	160-2	1397	1340	1353	1363	2.17	cps
Holmium	165-1	3304444	3282691	3277736	3288290	0.43	cps
Holmium	165-2	1857893	1865830	1893222	1872315	0.99	cps
Indium	115-1	3237224	3215890	3240833	3231316	0.42	cps
Indium	115-2	586656	592977	596937	592190	0.88	cps
Iron	54-2	7936	7574	7435	7648	3.38	cps
Iron	56-2	133513	135998	136800	135437	1.27	cps
Iron	57-2	3556	3556	3578	3563	0.36	cps
Krypton	83-1	2010	2017	1847	1958	4.92	cps
Lead	206-1	822	678	622	707	14.59	cps
Lead	207-1	728	600	578	635	12.74	cps
Lead	208-1	3167	2756	2517	2813	11.69	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-03 Instrumnet Name : P8
 Client Sample ID : 49-MW016(SOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 18:57:48 DataFile Name : 094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1860479	1833206	1815627	1836437	1.23	cps
Magnesium	24-2	2482398	2440524	2443935	2455619	0.95	cps
Manganese	55-2	167442	169841	171437	169573	1.19	cps
Molybdenum	94-1	1467	992	925	1128	26.19	cps
Molybdenum	95-1	1567	1233	958	1253	24.32	cps
Molybdenum	96-1	1517	1358	1133	1336	14.42	cps
Molybdenum	97-1	792	775	575	714	16.89	cps
Molybdenum	98-1	2500	1959	1625	2028	21.78	cps
Neodymium	150-1	2807	2660	2954	2807	5.23	cps
Neodymium	150-2	1110	1120	1157	1129	2.18	cps
Nickel	60-2	3157	2974	2950	3027	3.74	cps
Phosphorus	31-2	83	158	175	139	35.16	cps
Potassium	39-2	453297	459607	457969	456957	0.72	cps
Rhodium	103-1	3059613	3076005	3061259	3065625	0.29	cps
Rhodium	103-2	1594689	1616504	1631194	1614129	1.14	cps
Scandium	45-1	2448320	2473933	2455756	2459336	0.54	cps
Scandium	45-2	92391	93813	94595	93600	1.19	cps
Selenium	82-1	-156	-77	115	-39	-354.68	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	48	54	66	56	16.36	cps
Silicon	28-1	10076470	10250037	10279219	10201909	1.07	cps
Silver	109-1	1400	1275	1308	1328	4.88	cps
Silver	107-1	1392	1517	1483	1464	4.42	cps
Sodium	23-2	38627348	38877321	39075779	38860149	0.58	cps
Strontium	86-1	1025300	1041871	1043964	1037045	0.99	cps
Strontium	88-1	8642099	8850255	8892999	8795117	1.53	cps
Sulfur	34-1	798284	794401	796649	796445	0.24	cps
Terbium	159-1	3512736	3532851	3546207	3530598	0.48	cps
Terbium	159-2	1848705	1833404	1855936	1846015	0.62	cps
Thallium	203-1	567	442	300	436	30.59	cps
Thallium	205-1	1358	900	867	1042	26.38	cps
Tin	118-1	575	508	442	508	13.11	cps
Titanium	47-1	1833	1617	1500	1650	10.25	cps
Uranium	238-1	17629	17938	17821	17796	0.88	cps
Vanadium	51-2	227	207	177	203	12.38	cps
Yttrium	89-1	6130441	6198877	6170342	6166553	0.56	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-03	Instrumnet Name :	P8
Client Sample ID :	49-MW016(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 18:57:48	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757518	759931	768677	762042	0.77	cps
Zinc	66-2	1377	1360	1280	1339	3.86	cps
Zirconium	90-1	1142	892	900	978	14.52	cps
Zirconium	91-1	250	292	242	261	10.26	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-04 Instrumnet Name : P8
 Client Sample ID : 49-MW-3(SOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:00:38 DataFile Name : 095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1052	1092	1007	1051	4.05	cps
Antimony	121-1	1075	1075	1083	1078	0.45	cps
Arsenic	75-2	837	832	877	849	2.91	cps
Barium	135-1	62520	62378	64629	63175	2.00	cps
Barium	137-1	109407	107670	110356	109144	1.25	cps
Beryllium	9-1	320	314	322	319	1.31	cps
Bismuth	209-1	1913471	1843579	1865567	1874206	1.91	cps
Bismuth	209-2	1273688	1265423	1277347	1272153	0.48	cps
Boron	10-1	3762	3654	3660	3692	1.64	cps
Boron	11-1	17629	17897	17627	17718	0.88	cps
Bromine	81-1	81468	88133	92345	87316	6.28	cps
Cadmium	111-1	135	124	102	120	13.91	cps
Cadmium	106-1	1367	1142	1225	1245	9.14	cps
Cadmium	108-1	21	21	4	15	62.96	cps
Calcium	43-1	540889	542283	548216	543796	0.72	cps
Calcium	44-1	8975879	9027098	9340961	9114646	2.17	cps
Chromium	52-2	1240	1187	1177	1201	2.83	cps
Cobalt	59-2	10207	10371	10040	10206	1.62	cps
Copper	63-2	1323	1368	1449	1380	4.60	cps
Dysprosium	156-1	408	458	383	417	9.16	cps
Dysprosium	156-2	260	243	227	243	6.85	cps
Erbium	164-1	375	300	442	372	19.04	cps
Erbium	164-2	283	193	190	222	23.83	cps
Gadolinium	160-1	417	392	408	406	3.14	cps
Gadolinium	160-2	313	297	263	291	8.75	cps
Holmium	165-1	3308462	3265175	3281899	3285178	0.66	cps
Holmium	165-2	1827396	1852068	1866324	1848596	1.07	cps
Indium	115-1	3238652	3178317	3234671	3217214	1.05	cps
Indium	115-2	579942	578066	581056	579688	0.26	cps
Iron	54-2	229136	235177	231457	231923	1.31	cps
Iron	56-2	4303259	4317391	4264464	4295038	0.64	cps
Iron	57-2	104876	104749	104105	104577	0.40	cps
Krypton	83-1	1937	1857	1833	1876	2.89	cps
Lead	206-1	511	456	483	483	5.75	cps
Lead	207-1	389	417	333	380	11.18	cps
Lead	208-1	1917	1861	1789	1856	3.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-04	Instrumnet Name :	P8
Client Sample ID :	49-MW-3(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:00:38	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1797913	1801085	1836326	1811775	1.18	cps
Magnesium	24-2	617055	611621	603561	610745	1.11	cps
Manganese	55-2	403789	404006	405060	404285	0.17	cps
Molybdenum	94-1	433	508	433	458	9.45	cps
Molybdenum	95-1	600	550	592	581	4.61	cps
Molybdenum	96-1	575	542	650	589	9.42	cps
Molybdenum	97-1	267	417	417	367	23.62	cps
Molybdenum	98-1	808	883	875	856	4.81	cps
Neodymium	150-1	840	773	993	869	12.98	cps
Neodymium	150-2	297	327	287	303	6.86	cps
Nickel	60-2	1080	1227	1197	1168	6.64	cps
Phosphorus	31-2	158	150	108	139	19.29	cps
Potassium	39-2	227884	223868	226635	226129	0.91	cps
Rhodium	103-1	3037299	3055150	3064364	3052271	0.45	cps
Rhodium	103-2	1593517	1607533	1575761	1592270	1.00	cps
Scandium	45-1	2405911	2440759	2396257	2414309	0.97	cps
Scandium	45-2	92569	92787	92952	92769	0.21	cps
Selenium	82-1	-89	82	41	11	788.53	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	55	42	54	50	14.38	cps
Silicon	28-1	9022461	9110421	9106855	9079912	0.55	cps
Silver	109-1	617	583	742	647	12.90	cps
Silver	107-1	833	683	825	781	10.80	cps
Sodium	23-2	54323610	53883105	53501614	53902776	0.76	cps
Strontium	86-1	349073	346674	352182	349310	0.79	cps
Strontium	88-1	2943365	2946916	3019378	2969886	1.44	cps
Sulfur	34-1	713691	712506	717130	714442	0.34	cps
Terbium	159-1	3602828	3583978	3482013	3556273	1.83	cps
Terbium	159-2	1836264	1861786	1852307	1850119	0.70	cps
Thallium	203-1	150	125	117	131	13.28	cps
Thallium	205-1	275	350	333	319	12.33	cps
Tin	118-1	242	275	250	256	6.79	cps
Titanium	47-1	700	683	683	689	1.40	cps
Uranium	238-1	1633	1667	1734	1678	3.03	cps
Vanadium	51-2	143	147	150	147	2.27	cps
Yttrium	89-1	5979039	6002884	5993586	5991836	0.20	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-04	Instrumnet Name :	P8
Client Sample ID :	49-MW-3(SOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:00:38	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	737063	738204	744082	739783	0.51	cps
Zinc	66-2	1187	1113	1167	1156	3.28	cps
Zirconium	90-1	367	383	375	375	2.22	cps
Zirconium	91-1	75	100	42	72	40.52	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1327	1275	1324	1309	2.24	cps
Antimony	121-1	675	833	858	789	12.60	cps
Arsenic	75-2	266	240	273	260	6.70	cps
Barium	135-1	50579	50168	50913	50553	0.74	cps
Barium	137-1	85134	85243	87432	85936	1.51	cps
Beryllium	9-1	278	242	250	257	7.37	cps
Bismuth	209-1	1851175	1869259	1683957	1801464	5.67	cps
Bismuth	209-2	1285456	1284730	1293313	1287833	0.37	cps
Boron	10-1	3996	4248	4260	4168	3.58	cps
Boron	11-1	18934	20424	21091	20150	5.48	cps
Bromine	81-1	112058	135193	149418	132223	14.26	cps
Cadmium	111-1	449	498	468	472	5.26	cps
Cadmium	106-1	1125	1242	1225	1197	5.27	cps
Cadmium	108-1	38	29	50	39	26.96	cps
Calcium	43-1	1762055	1811993	1826141	1800063	1.87	cps
Calcium	44-1	28653808	29707292	30350490	29570530	2.90	cps
Chromium	52-2	1643	1477	1490	1537	6.03	cps
Cobalt	59-2	3217	3037	3060	3105	3.15	cps
Copper	63-2	3324	3110	3202	3212	3.35	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	67	17	58	47	56.72	cps
Erbium	164-2	23	30	17	23	28.56	cps
Gadolinium	160-1	83	42	58	61	34.32	cps
Gadolinium	160-2	23	20	33	26	27.15	cps
Holmium	165-1	3322537	3237547	2982289	3180791	5.57	cps
Holmium	165-2	1871884	1881404	1888525	1880604	0.44	cps
Indium	115-1	3224077	3184433	2946650	3118387	4.81	cps
Indium	115-2	588747	585904	589237	587963	0.31	cps
Iron	54-2	274380	272923	273376	273560	0.27	cps
Iron	56-2	5106716	5076400	5098721	5093946	0.31	cps
Iron	57-2	124829	126090	123783	124901	0.93	cps
Krypton	83-1	1913	1897	1823	1878	2.55	cps
Lead	206-1	550	611	539	567	6.86	cps
Lead	207-1	533	511	544	530	3.20	cps
Lead	208-1	2178	2095	2017	2096	3.84	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1827620	1802947	1704588	1778385	3.66	cps
Magnesium	24-2	2601172	2639610	2616484	2619089	0.74	cps
Manganese	55-2	817789	803178	801865	807611	1.09	cps
Molybdenum	94-1	275	283	358	306	15.02	cps
Molybdenum	95-1	308	292	250	283	10.61	cps
Molybdenum	96-1	308	433	408	383	17.25	cps
Molybdenum	97-1	100	100	175	125	34.64	cps
Molybdenum	98-1	342	342	392	358	8.06	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	3	20	3	9	108.30	cps
Nickel	60-2	4174	4237	4281	4231	1.27	cps
Phosphorus	31-2	183	200	158	181	11.62	cps
Potassium	39-2	531882	531755	534691	532776	0.31	cps
Rhodium	103-1	3011235	2972631	2770177	2918014	4.44	cps
Rhodium	103-2	1627505	1602849	1583317	1604557	1.38	cps
Scandium	45-1	2434272	2388528	2228405	2350402	4.60	cps
Scandium	45-2	92992	93559	92609	93053	0.51	cps
Selenium	82-1	-162	-37	5	-65	-133.91	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	42	48	40	43	9.62	cps
Silicon	28-1	15407848	15667582	15828262	15634564	1.36	cps
Silver	109-1	583	600	567	583	2.86	cps
Silver	107-1	542	675	475	564	18.06	cps
Sodium	23-2	45344198	45419947	46005327	45589824	0.79	cps
Strontium	86-1	1068230	1093425	1125088	1095581	2.60	cps
Strontium	88-1	9020446	9260660	9460961	9247355	2.39	cps
Sulfur	34-1	744474	746157	750259	746964	0.40	cps
Terbium	159-1	3495278	3527465	3287804	3436849	3.78	cps
Terbium	159-2	1875817	1888804	1862853	1875825	0.69	cps
Thallium	203-1	83	58	100	81	26.03	cps
Thallium	205-1	217	192	150	186	18.10	cps
Tin	118-1	183	225	158	189	17.83	cps
Titanium	47-1	858	858	842	853	1.13	cps
Uranium	238-1	18698	19098	18990	18928	1.09	cps
Vanadium	51-2	383	410	480	424	11.76	cps
Yttrium	89-1	5984188	5865832	5532229	5794083	4.04	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-05	Instrumnet Name :	P8
Client Sample ID :	49-5567(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:03:26	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	750729	747955	745136	747940	0.37	cps
Zinc	66-2	10074	10571	10347	10331	2.41	cps
Zirconium	90-1	450	358	408	406	11.32	cps
Zirconium	91-1	100	125	108	111	11.46	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-06 Instrumnet Name : P8
 Client Sample ID : 49-MW012(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:06:17 DataFile Name : 097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273013	269631	273370	272005	0.76	cps
Antimony	121-1	1133	1292	1383	1270	9.96	cps
Arsenic	75-2	2158	2168	2167	2165	0.25	cps
Barium	135-1	251864	255339	257379	254861	1.09	cps
Barium	137-1	428709	441162	440672	436848	1.61	cps
Beryllium	9-1	518	506	466	497	5.48	cps
Bismuth	209-1	1821051	1848261	1824000	1831104	0.82	cps
Bismuth	209-2	1266009	1250778	1267831	1261539	0.74	cps
Boron	10-1	3762	3818	3888	3822	1.65	cps
Boron	11-1	17483	18448	18720	18217	3.57	cps
Bromine	81-1	129522	149499	163880	147634	11.69	cps
Cadmium	111-1	2405	2534	2321	2420	4.44	cps
Cadmium	106-1	1492	1425	1258	1392	8.64	cps
Cadmium	108-1	204	188	192	194	4.46	cps
Calcium	43-1	2980849	3089836	3062056	3044247	1.86	cps
Calcium	44-1	49694181	50091840	49912272	49899431	0.40	cps
Chromium	52-2	49084	49047	49853	49328	0.92	cps
Cobalt	59-2	12642	12195	12419	12419	1.80	cps
Copper	63-2	17337	17161	17387	17295	0.69	cps
Dysprosium	156-1	3917	4026	3809	3917	2.77	cps
Dysprosium	156-2	1954	1907	1873	1911	2.10	cps
Erbium	164-1	2800	2425	2475	2567	7.93	cps
Erbium	164-2	1467	1343	1247	1352	8.15	cps
Gadolinium	160-1	3542	3275	3542	3453	4.46	cps
Gadolinium	160-2	2074	2210	2164	2149	3.23	cps
Holmium	165-1	3276672	3190241	3293558	3253490	1.70	cps
Holmium	165-2	1884917	1849115	1864239	1866090	0.96	cps
Indium	115-1	3177082	3219898	3216727	3204569	0.74	cps
Indium	115-2	589527	582263	589183	586991	0.70	cps
Iron	54-2	941829	930895	946950	939892	0.87	cps
Iron	56-2	17391232	17041316	17432417	17288321	1.24	cps
Iron	57-2	424976	424061	427315	425451	0.39	cps
Krypton	83-1	1903	1757	1813	1825	4.05	cps
Lead	206-1	6463	6568	6613	6548	1.18	cps
Lead	207-1	5396	5340	5335	5357	0.63	cps
Lead	208-1	25277	25560	25232	25356	0.70	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-06	Instrumnet Name :	P8
Client Sample ID :	49-MW012(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:06:17	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1850920	1824031	1818789	1831247	0.94	cps
Magnesium	24-2	5206783	5146851	5333170	5228935	1.82	cps
Manganese	55-2	1218713	1220269	1234153	1224378	0.69	cps
Molybdenum	94-1	4543	5669	4676	4962	12.40	cps
Molybdenum	95-1	1208	1200	1267	1225	2.97	cps
Molybdenum	96-1	2042	2000	2067	2036	1.65	cps
Molybdenum	97-1	808	758	733	767	4.98	cps
Molybdenum	98-1	1775	1875	2084	1911	8.23	cps
Neodymium	150-1	6335	6722	6755	6604	3.54	cps
Neodymium	150-2	2647	2617	2827	2697	4.21	cps
Nickel	60-2	19750	20205	20335	20097	1.53	cps
Phosphorus	31-2	592	758	583	644	15.32	cps
Potassium	39-2	881504	882004	890982	884830	0.60	cps
Rhodium	103-1	2980131	3060699	3012389	3017740	1.34	cps
Rhodium	103-2	1562408	1531730	1565171	1553103	1.20	cps
Scandium	45-1	2437425	2453328	2423558	2438104	0.61	cps
Scandium	45-2	93539	92361	94508	93469	1.15	cps
Selenium	82-1	-84	116	100	44	250.81	cps
Selenium	77-2	17	17	7	13	43.29	cps
Selenium	78-2	44	58	43	48	17.36	cps
Silicon	28-1	44416315	45588580	45490895	45165263	1.44	cps
Silver	109-1	692	525	700	639	15.45	cps
Silver	107-1	617	567	792	658	17.95	cps
Sodium	23-2	69372858	67936289	69818214	69042454	1.42	cps
Strontium	86-1	3576034	3687030	3685581	3649548	1.74	cps
Strontium	88-1	30902506	31113199	31512737	31176147	0.99	cps
Sulfur	34-1	687154	678877	684835	683622	0.62	cps
Terbium	159-1	3508706	3523001	3469127	3500278	0.80	cps
Terbium	159-2	1855799	1838806	1884709	1859771	1.25	cps
Thallium	203-1	342	383	308	344	10.91	cps
Thallium	205-1	717	742	833	764	8.04	cps
Tin	118-1	1267	1292	1208	1256	3.41	cps
Titanium	47-1	253862	251833	257014	254236	1.03	cps
Uranium	238-1	8228	8345	8145	8239	1.22	cps
Vanadium	51-2	20188	21059	20168	20471	2.49	cps
Yttrium	89-1	5979580	6069943	6055806	6035110	0.81	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-06	Instrumnet Name :	P8
Client Sample ID :	49-MW012(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:06:17	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	756532	747967	747894	750797	0.66	cps
Zinc	66-2	17157	16503	16930	16863	1.97	cps
Zirconium	90-1	11163	11830	11930	11641	3.58	cps
Zirconium	91-1	2425	2634	2542	2534	4.12	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-07 Instrumnet Name : P8
 Client Sample ID : 49-MW006(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:09:05 DataFile Name : 098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30572	30523	30097	30397	0.86	cps
Antimony	121-1	1025	1108	967	1033	6.89	cps
Arsenic	75-2	406	461	427	431	6.44	cps
Barium	135-1	3842	4931	3676	4150	16.43	cps
Barium	137-1	6418	6085	6335	6279	2.76	cps
Beryllium	9-1	284	242	282	269	8.80	cps
Bismuth	209-1	1901282	1994866	1984051	1960066	2.61	cps
Bismuth	209-2	1312640	1308562	1306154	1309119	0.25	cps
Boron	10-1	4090	4584	4798	4490	8.09	cps
Boron	11-1	20646	21780	23093	21840	5.61	cps
Bromine	81-1	60913	62301	63115	62110	1.79	cps
Cadmium	111-1	2573	2563	2474	2537	2.13	cps
Cadmium	106-1	1667	1417	1533	1539	8.13	cps
Cadmium	108-1	179	208	158	182	13.80	cps
Calcium	43-1	20488	20502	20491	20494	0.04	cps
Calcium	44-1	358192	361523	360228	359981	0.47	cps
Chromium	52-2	5621	5464	5338	5474	2.59	cps
Cobalt	59-2	1557	1407	1470	1478	5.10	cps
Copper	63-2	12526	12260	12515	12434	1.21	cps
Dysprosium	156-1	692	692	475	619	20.20	cps
Dysprosium	156-2	287	260	223	257	12.39	cps
Erbium	164-1	542	475	492	503	6.90	cps
Erbium	164-2	277	227	173	226	22.91	cps
Gadolinium	160-1	475	583	592	550	11.83	cps
Gadolinium	160-2	243	313	320	292	14.53	cps
Holmium	165-1	3440345	3421981	3372854	3411726	1.02	cps
Holmium	165-2	1915487	1902975	1875865	1898109	1.07	cps
Indium	115-1	3358961	3377141	3318895	3351665	0.89	cps
Indium	115-2	594510	593158	588652	592107	0.52	cps
Iron	54-2	102335	99667	99578	100527	1.56	cps
Iron	56-2	1888462	1867771	1877195	1877809	0.55	cps
Iron	57-2	45857	45534	45863	45751	0.41	cps
Krypton	83-1	1680	1763	1760	1735	2.72	cps
Lead	206-1	5574	5768	5863	5735	2.57	cps
Lead	207-1	4518	4534	4873	4642	4.32	cps
Lead	208-1	21452	22230	21852	21845	1.78	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-07	Instrumnet Name :	P8
Client Sample ID :	49-MW006(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:09:05	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1917751	1929027	1936495	1927758	0.49	cps
Magnesium	24-2	87881	88292	85299	87157	1.86	cps
Manganese	55-2	13650	13126	13156	13311	2.21	cps
Molybdenum	94-1	2009	1959	2660	2209	17.71	cps
Molybdenum	95-1	1633	1784	1842	1753	6.13	cps
Molybdenum	96-1	1884	2117	2334	2111	10.66	cps
Molybdenum	97-1	1133	1000	1100	1078	6.44	cps
Molybdenum	98-1	2984	2592	3000	2859	8.09	cps
Neodymium	150-1	827	1087	820	911	16.69	cps
Neodymium	150-2	313	387	393	364	12.18	cps
Nickel	60-2	1683	1717	1750	1717	1.94	cps
Phosphorus	31-2	450	508	433	464	8.49	cps
Potassium	39-2	179868	179903	176754	178842	1.01	cps
Rhodium	103-1	3179548	3152194	3148156	3159966	0.54	cps
Rhodium	103-2	1638349	1622562	1611816	1624242	0.82	cps
Scandium	45-1	2500202	2513064	2479834	2497700	0.67	cps
Scandium	45-2	93143	94639	92871	93551	1.02	cps
Selenium	82-1	108	84	40	77	44.50	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	54	64	50	56	12.87	cps
Silicon	28-1	12489356	12546135	12669415	12568302	0.73	cps
Silver	109-1	2509	2559	2600	2556	1.80	cps
Silver	107-1	2825	2517	2334	2559	9.71	cps
Sodium	23-2	40596842	40817684	40153907	40522811	0.83	cps
Strontium	86-1	22352	21834	22752	22313	2.06	cps
Strontium	88-1	164343	167850	165422	165872	1.08	cps
Sulfur	34-1	605998	603761	605366	605042	0.19	cps
Terbium	159-1	3613852	3658148	3650955	3640985	0.65	cps
Terbium	159-2	1859643	1884520	1850986	1865050	0.93	cps
Thallium	203-1	92	67	100	86	20.14	cps
Thallium	205-1	150	150	225	175	24.74	cps
Tin	118-1	783	808	575	722	17.74	cps
Titanium	47-1	27560	27218	28095	27624	1.60	cps
Uranium	238-1	2700	2942	2925	2856	4.73	cps
Vanadium	51-2	3584	3467	3637	3563	2.44	cps
Yttrium	89-1	6051165	6306984	6237498	6198549	2.13	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-07	Instrumnet Name :	P8
Client Sample ID :	49-MW006(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:09:05	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	761265	754197	752930	756131	0.59	cps
Zinc	66-2	22638	22348	21840	22275	1.81	cps
Zirconium	90-1	3134	3009	2742	2962	6.76	cps
Zirconium	91-1	650	625	725	667	7.81	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-08 Instrumnet Name : P8
 Client Sample ID : 49-MW006(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:11:57 DataFile Name : 099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9196	9393	9115	9235	1.55	cps
Antimony	121-1	2400	2650	3359	2803	17.74	cps
Arsenic	75-2	2462	2487	2469	2473	0.52	cps
Barium	135-1	32924	34027	33575	33509	1.65	cps
Barium	137-1	57472	57515	57221	57403	0.28	cps
Beryllium	9-1	208	230	266	235	12.48	cps
Bismuth	209-1	1769895	1755202	1801675	1775591	1.34	cps
Bismuth	209-2	1245764	1238459	1222221	1235481	0.98	cps
Boron	10-1	3856	3752	3878	3828	1.76	cps
Boron	11-1	18194	18700	19253	18715	2.83	cps
Bromine	81-1	115590	138093	155002	136228	14.51	cps
Cadmium	111-1	2889	3172	2818	2960	6.34	cps
Cadmium	106-1	1433	1442	1667	1514	8.74	cps
Cadmium	108-1	229	208	204	214	6.26	cps
Calcium	43-1	1324877	1345331	1366192	1345467	1.54	cps
Calcium	44-1	22020036	22521006	22507408	22349483	1.28	cps
Chromium	52-2	2657	2764	2577	2666	3.51	cps
Cobalt	59-2	1097	1210	1090	1132	5.96	cps
Copper	63-2	5873	6449	6493	6272	5.52	cps
Dysprosium	156-1	158	192	183	178	9.76	cps
Dysprosium	156-2	117	50	100	89	39.03	cps
Erbium	164-1	167	242	142	183	28.39	cps
Erbium	164-2	53	97	90	80	29.17	cps
Gadolinium	160-1	175	225	167	189	16.70	cps
Gadolinium	160-2	123	83	90	99	21.68	cps
Holmium	165-1	3149530	3198675	3248396	3198867	1.55	cps
Holmium	165-2	1842517	1821413	1807294	1823741	0.97	cps
Indium	115-1	3101482	3146115	3241209	3162935	2.26	cps
Indium	115-2	593745	598297	599583	597208	0.51	cps
Iron	54-2	287479	292800	287247	289176	1.09	cps
Iron	56-2	5274107	5379671	5255097	5302958	1.27	cps
Iron	57-2	130805	132632	130563	131333	0.86	cps
Krypton	83-1	1910	1843	1953	1902	2.91	cps
Lead	206-1	3578	3512	3256	3449	4.93	cps
Lead	207-1	2945	3000	2784	2910	3.87	cps
Lead	208-1	13770	13269	13047	13362	2.77	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-08 Instrumnet Name : P8
 Client Sample ID : 49-MW006(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:11:57 DataFile Name : 099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1742627	1818050	1833455	1798044	2.70	cps
Magnesium	24-2	2429112	2518753	2496506	2481457	1.88	cps
Manganese	55-2	763973	779018	764197	769062	1.12	cps
Molybdenum	94-1	633	517	583	578	10.13	cps
Molybdenum	95-1	450	633	392	492	25.65	cps
Molybdenum	96-1	425	592	575	531	17.30	cps
Molybdenum	97-1	242	300	242	261	12.90	cps
Molybdenum	98-1	517	567	667	583	13.09	cps
Neodymium	150-1	280	300	273	284	4.88	cps
Neodymium	150-2	87	137	140	121	24.67	cps
Nickel	60-2	1477	1470	1413	1453	2.40	cps
Phosphorus	31-2	242	267	300	269	10.86	cps
Potassium	39-2	439721	453387	445043	446050	1.54	cps
Rhodium	103-1	2831808	2946041	2853494	2877114	2.11	cps
Rhodium	103-2	1525598	1502089	1504722	1510803	0.85	cps
Scandium	45-1	2331973	2437941	2396941	2388952	2.24	cps
Scandium	45-2	92385	93549	91673	92535	1.02	cps
Selenium	82-1	-56	90	-97	-21	-472.38	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	45	51	48	48	6.26	cps
Silicon	28-1	9484825	9468441	9597061	9516776	0.74	cps
Silver	109-1	1408	1333	1734	1492	14.25	cps
Silver	107-1	1534	1575	1875	1661	11.22	cps
Sodium	23-2	287902648	289545565	283564406	287004206	1.08	cps
Strontium	86-1	967060	999121	989970	985383	1.68	cps
Strontium	88-1	8102955	8170867	8276598	8183473	1.07	cps
Sulfur	34-1	791927	791974	804800	796234	0.93	cps
Terbium	159-1	3384800	3438367	3474567	3432578	1.32	cps
Terbium	159-2	1866659	1832027	1762208	1820298	2.92	cps
Thallium	203-1	92	142	142	125	23.09	cps
Thallium	205-1	375	408	333	372	10.09	cps
Tin	118-1	983	808	967	920	10.50	cps
Titanium	47-1	10079	10421	10421	10307	1.92	cps
Uranium	238-1	2367	2234	2300	2300	2.90	cps
Vanadium	51-2	1280	1383	1473	1379	7.02	cps
Yttrium	89-1	5861601	5848580	5889890	5866690	0.36	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-08	Instrumnet Name :	P8
Client Sample ID :	49-MW006(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:11:57	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	744805	736242	727437	736161	1.18	cps
Zinc	66-2	34766	36149	35665	35527	1.98	cps
Zirconium	90-1	908	975	1100	995	9.79	cps
Zirconium	91-1	225	217	367	269	31.29	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCV08 Instrumnet Name : P8
 Client Sample ID : CCV08 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:14:45 DataFile Name : 100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	968191	980647	971177	973338	0.67	cps
Antimony	121-1	1215975	1247276	1270735	1244662	2.21	cps
Arsenic	75-2	53840	54708	53938	54162	0.88	cps
Barium	135-1	1358751	1378875	1360694	1366107	0.81	cps
Barium	137-1	2350377	2404302	2334808	2363162	1.54	cps
Beryllium	9-1	404703	410629	410978	408770	0.86	cps
Bismuth	209-1	1871508	1817742	1858293	1849181	1.52	cps
Bismuth	209-2	1272051	1296106	1265640	1277932	1.26	cps
Boron	10-1	29351	32710	34521	32194	8.15	cps
Boron	11-1	140737	154874	164193	153268	7.71	cps
Bromine	81-1	38291	33846	32701	34946	8.45	cps
Cadmium	111-1	274531	284511	280343	279795	1.79	cps
Cadmium	106-1	30868	31027	31771	31222	1.54	cps
Cadmium	108-1	21634	20294	21567	21165	3.57	cps
Calcium	43-1	1921021	1951871	1937500	1936798	0.80	cps
Calcium	44-1	32130036	32159275	32025584	32104965	0.22	cps
Chromium	52-2	427283	435535	430134	430984	0.97	cps
Cobalt	59-2	727742	738859	730304	732302	0.79	cps
Copper	63-2	5184172	5201456	5178424	5188017	0.23	cps
Dysprosium	156-1	33	125	83	81	56.98	cps
Dysprosium	156-2	30	43	43	39	19.79	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	75	67	100	81	21.53	cps
Gadolinium	160-2	47	87	80	71	30.13	cps
Holmium	165-1	3289702	3318933	3209902	3272846	1.72	cps
Holmium	165-2	1925684	1933424	1836543	1898551	2.84	cps
Indium	115-1	3264696	3260779	3223861	3249779	0.69	cps
Indium	115-2	588117	594717	590937	591257	0.56	cps
Iron	54-2	4309178	4317376	4297249	4307934	0.23	cps
Iron	56-2	76977321	77347038	77948268	77424209	0.63	cps
Iron	57-2	1972089	2009257	1965818	1982388	1.18	cps
Krypton	83-1	1813	1830	1883	1842	1.98	cps
Lead	206-1	3492081	3539168	3516217	3515822	0.67	cps
Lead	207-1	3118970	3183300	3145942	3149404	1.03	cps
Lead	208-1	14066102	14277580	14248935	14197539	0.81	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:14:45	DataFile Name :	100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1916659	1931596	1861467	1903241	1.94	cps
Magnesium	24-2	14975637	15132022	14910513	15006057	0.76	cps
Manganese	55-2	2100390	2084997	2065799	2083728	0.83	cps
Molybdenum	94-1	2583876	2613119	2583796	2593597	0.65	cps
Molybdenum	95-1	3136855	3201571	3203694	3180706	1.19	cps
Molybdenum	96-1	3483023	3547666	3537818	3522836	0.99	cps
Molybdenum	97-1	1992627	1968782	2024113	1995174	1.39	cps
Molybdenum	98-1	4986323	5035153	5060621	5027365	0.75	cps
Neodymium	150-1	113	47	67	76	45.28	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	194440	196406	195856	195568	0.52	cps
Phosphorus	31-2	13915	13415	14591	13974	4.22	cps
Potassium	39-2	5948960	6094093	5998701	6013918	1.23	cps
Rhodium	103-1	3004753	3014612	3003480	3007615	0.20	cps
Rhodium	103-2	1598328	1598173	1588328	1594943	0.36	cps
Scandium	45-1	2411212	2446730	2417141	2425027	0.78	cps
Scandium	45-2	94448	96491	94447	95129	1.24	cps
Selenium	82-1	21094	21476	21458	21343	1.01	cps
Selenium	77-2	727	760	707	731	3.68	cps
Selenium	78-2	2682	2583	2525	2597	3.04	cps
Silicon	28-1	2333448	2536285	2696837	2522190	7.22	cps
Silver	109-1	1361291	1387540	1384492	1377774	1.04	cps
Silver	107-1	1435771	1463024	1453838	1450878	0.96	cps
Sodium	23-2	29408335	29754277	29147831	29436814	1.03	cps
Strontium	86-1	428212	440883	436598	435231	1.48	cps
Strontium	88-1	3656807	3742017	3679570	3692798	1.19	cps
Sulfur	34-1	658807	653426	658714	656982	0.47	cps
Terbium	159-1	3565074	3513405	3544978	3541152	0.74	cps
Terbium	159-2	1878119	1891608	1867485	1879071	0.64	cps
Thallium	203-1	800192	814545	805916	806885	0.90	cps
Thallium	205-1	1902968	1932335	1959922	1931742	1.47	cps
Tin	118-1	927034	946261	950487	941261	1.33	cps
Titanium	47-1	980482	1011712	1002595	998263	1.61	cps
Uranium	238-1	2436641	2443281	2468547	2449490	0.69	cps
Vanadium	51-2	357852	359780	359277	358970	0.28	cps
Yttrium	89-1	5977153	5963525	5985222	5975300	0.18	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:14:45	DataFile Name :	100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	764618	764727	765185	764843	0.04	cps
Zinc	66-2	700446	710601	705310	705452	0.72	cps
Zirconium	90-1	2169255	2176120	2216491	2187289	1.17	cps
Zirconium	91-1	489999	497421	495143	494188	0.77	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:27:45	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404	419	402	408	2.21	cps
Antimony	121-1	108	100	92	100	8.33	cps
Arsenic	75-2	2	8	18	9	86.60	cps
Barium	135-1	50	50	17	39	49.48	cps
Barium	137-1	75	133	58	89	44.31	cps
Beryllium	9-1	212	180	226	206	11.45	cps
Bismuth	209-1	1866417	1877209	1873039	1872222	0.29	cps
Bismuth	209-2	1265301	1274094	1354119	1297838	3.77	cps
Boron	10-1	948	894	922	921	2.93	cps
Boron	11-1	4242	4308	4002	4184	3.85	cps
Bromine	81-1	5927	5517	5397	5614	4.96	cps
Cadmium	111-1	73	67	63	67	7.79	cps
Cadmium	106-1	1142	1200	1167	1170	2.50	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	217	195	194	202	6.61	cps
Calcium	44-1	16259	16245	16528	16344	0.98	cps
Chromium	52-2	863	710	833	802	10.13	cps
Cobalt	59-2	80	103	90	91	12.85	cps
Copper	63-2	741	723	870	778	10.33	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	58	28	105.36	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	3224518	3221346	3158577	3201480	1.16	cps
Holmium	165-2	1798188	1810020	1908921	1839043	3.31	cps
Indium	115-1	3165825	3131328	3047360	3114838	1.96	cps
Indium	115-2	557678	564534	603623	575278	4.31	cps
Iron	54-2	361	417	433	404	9.37	cps
Iron	56-2	3984	3695	3739	3806	4.09	cps
Iron	57-2	139	122	100	120	16.21	cps
Krypton	83-1	1727	1740	1787	1751	1.80	cps
Lead	206-1	544	411	483	480	13.92	cps
Lead	207-1	522	444	406	457	12.99	cps
Lead	208-1	2206	1950	1878	2011	8.56	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:27:45 DataFile Name : 101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1793055	1816355	1773156	1794189	1.21	cps
Magnesium	24-2	1075	1017	950	1014	6.17	cps
Manganese	55-2	213	223	127	188	28.31	cps
Molybdenum	94-1	125	175	83	128	35.92	cps
Molybdenum	95-1	75	42	58	58	28.57	cps
Molybdenum	96-1	92	92	100	94	5.09	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	100	100	50	83	34.64	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	83	107	88	19.49	cps
Phosphorus	31-2	117	117	133	122	7.87	cps
Potassium	39-2	27769	27969	26575	27438	2.75	cps
Rhodium	103-1	3008113	3090089	2980199	3026134	1.89	cps
Rhodium	103-2	1577674	1613484	1671620	1620926	2.93	cps
Scandium	45-1	2319557	2363208	2318106	2333624	1.10	cps
Scandium	45-2	88718	89348	96136	91401	4.50	cps
Selenium	82-1	107	97	21	75	62.94	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	39	43	31	38	16.22	cps
Silicon	28-1	1187133	1169775	1205855	1187588	1.52	cps
Silver	109-1	258	292	250	267	8.27	cps
Silver	107-1	283	283	317	294	6.54	cps
Sodium	23-2	71157	72949	72245	72117	1.25	cps
Strontium	86-1	2992	2800	2909	2900	3.31	cps
Strontium	88-1	300	258	217	258	16.13	cps
Sulfur	34-1	523340	524899	526901	525046	0.34	cps
Terbium	159-1	3393891	3461392	3363258	3406180	1.47	cps
Terbium	159-2	1783370	1809423	1927036	1839943	4.16	cps
Thallium	203-1	83	117	33	78	53.93	cps
Thallium	205-1	183	133	200	172	20.15	cps
Tin	118-1	125	125	217	156	34.02	cps
Titanium	47-1	283	383	292	319	17.37	cps
Uranium	238-1	42	25	8	25	66.68	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	5800758	5780619	5813681	5798352	0.29	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:27:45	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	719057	724854	770697	738203	3.83	cps
Zinc	66-2	107	137	117	120	12.73	cps
Zirconium	90-1	192	233	217	214	9.81	cps
Zirconium	91-1	58	33	58	50	28.87	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-09 Instrumnet Name : P8
 Client Sample ID : 49-MW008(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:30:36 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2035	2032	2071	2046	1.06	cps
Antimony	121-1	175	233	200	203	14.43	cps
Arsenic	75-2	1210	1288	1320	1273	4.45	cps
Barium	135-1	13457	13707	13332	13499	1.42	cps
Barium	137-1	23588	23446	23195	23410	0.85	cps
Beryllium	9-1	190	186	196	191	2.64	cps
Bismuth	209-1	1957382	1934266	1959282	1950310	0.71	cps
Bismuth	209-2	1302264	1287653	1314441	1301453	1.03	cps
Boron	10-1	1038	1048	1072	1052	1.66	cps
Boron	11-1	4896	5060	4958	4971	1.67	cps
Bromine	81-1	7139	7730	8451	7774	8.45	cps
Cadmium	111-1	133	142	196	157	21.91	cps
Cadmium	106-1	1050	1208	1408	1222	14.69	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	193402	195169	195302	194624	0.55	cps
Calcium	44-1	3303155	3302761	3285585	3297167	0.30	cps
Chromium	52-2	1333	1267	1200	1267	5.26	cps
Cobalt	59-2	227	147	183	186	21.58	cps
Copper	63-2	1390	1335	1398	1374	2.46	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	23	13	27	21	32.88	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	17	33	20	23	37.78	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Gadolinium	160-2	27	27	20	24	15.75	cps
Holmium	165-1	3367609	3373142	3318879	3353210	0.89	cps
Holmium	165-2	1905906	1868766	1837690	1870787	1.83	cps
Indium	115-1	3279281	3344155	3298126	3307187	1.01	cps
Indium	115-2	589541	577276	581028	582615	1.08	cps
Iron	54-2	21477	21060	21188	21242	1.01	cps
Iron	56-2	383373	378686	377901	379987	0.78	cps
Iron	57-2	9542	9970	9603	9705	2.39	cps
Krypton	83-1	1813	1853	1900	1856	2.34	cps
Lead	206-1	694	806	850	783	10.23	cps
Lead	207-1	683	706	689	693	1.67	cps
Lead	208-1	2850	3134	3200	3061	6.07	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-09 Instrumnet Name : P8
 Client Sample ID : 49-MW008(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:30:36 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1878682	1932855	1856194	1889243	2.09	cps
Magnesium	24-2	597813	590392	591919	593374	0.66	cps
Manganese	55-2	58338	59058	59165	58854	0.76	cps
Molybdenum	94-1	1350	1000	1225	1192	14.88	cps
Molybdenum	95-1	2050	2000	2125	2059	3.06	cps
Molybdenum	96-1	1825	2017	2059	1967	6.33	cps
Molybdenum	97-1	1225	1133	1258	1206	5.37	cps
Molybdenum	98-1	2842	3009	2850	2900	3.24	cps
Neodymium	150-1	33	60	87	60	44.45	cps
Neodymium	150-2	30	17	27	24	28.38	cps
Nickel	60-2	260	267	230	252	7.74	cps
Phosphorus	31-2	325	283	117	242	45.62	cps
Potassium	39-2	221540	220853	218292	220228	0.78	cps
Rhodium	103-1	3132884	3135242	3162681	3143602	0.53	cps
Rhodium	103-2	1653711	1618381	1611000	1627697	1.40	cps
Scandium	45-1	2473975	2443340	2477532	2464949	0.76	cps
Scandium	45-2	94615	94377	94196	94396	0.22	cps
Selenium	82-1	14	74	-131	-14	-729.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	52	40	43	18.47	cps
Silicon	28-1	12055809	12333800	12400046	12263218	1.49	cps
Silver	109-1	217	192	183	197	8.79	cps
Silver	107-1	133	133	192	153	22.04	cps
Sodium	23-2	998181	984679	994634	992498	0.71	cps
Strontium	86-1	179373	184606	184161	182713	1.59	cps
Strontium	88-1	1520007	1546062	1591213	1552427	2.32	cps
Sulfur	34-1	633348	638303	633206	634952	0.46	cps
Terbium	159-1	3599738	3662757	3589870	3617455	1.09	cps
Terbium	159-2	1851496	1843836	1823066	1839466	0.80	cps
Thallium	203-1	50	83	58	64	27.15	cps
Thallium	205-1	175	92	92	119	40.28	cps
Tin	118-1	250	142	233	208	28.00	cps
Titanium	47-1	1325	1433	1767	1508	15.26	cps
Uranium	238-1	1033	883	892	936	9.01	cps
Vanadium	51-2	157	110	113	127	20.55	cps
Yttrium	89-1	6105497	6189529	6165569	6153532	0.70	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-09	Instrumnet Name :	P8
Client Sample ID :	49-MW008(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:30:36	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	754046	738393	744235	745558	1.06	cps
Zinc	66-2	1593	1743	1710	1682	4.68	cps
Zirconium	90-1	433	317	283	344	22.87	cps
Zirconium	91-1	92	100	83	92	9.09	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-10 Instrumnet Name : P8
 Client Sample ID : 49-MW008(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:33:26 DataFile Name : 103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1732	1769	1809	1770	2.15	cps
Antimony	121-1	467	342	300	369	23.48	cps
Arsenic	75-2	276	268	259	268	3.18	cps
Barium	135-1	45494	45419	45870	45594	0.53	cps
Barium	137-1	76467	78168	77867	77501	1.17	cps
Beryllium	9-1	180	192	164	179	7.86	cps
Bismuth	209-1	1903328	1886637	1910778	1900248	0.65	cps
Bismuth	209-2	1278139	1272811	1286005	1278985	0.52	cps
Boron	10-1	1078	1130	1126	1111	2.60	cps
Boron	11-1	4974	5122	5138	5078	1.78	cps
Bromine	81-1	80091	100912	119768	100257	19.80	cps
Cadmium	111-1	92	151	102	115	27.67	cps
Cadmium	106-1	1167	1325	1058	1183	11.33	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	2272456	2326551	2364838	2321282	2.00	cps
Calcium	44-1	37412708	39030020	38872686	38438472	2.32	cps
Chromium	52-2	1493	1367	1480	1447	4.81	cps
Cobalt	59-2	223	213	270	236	12.84	cps
Copper	63-2	1220	1147	1125	1164	4.27	cps
Dysprosium	156-1	17	67	25	36	74.18	cps
Dysprosium	156-2	27	20	10	19	44.42	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	50	83	33	56	45.83	cps
Gadolinium	160-2	33	27	33	31	12.36	cps
Holmium	165-1	3337892	3393344	3320897	3350711	1.13	cps
Holmium	165-2	1883518	1843391	1905915	1877608	1.69	cps
Indium	115-1	3287527	3207256	3287134	3260639	1.42	cps
Indium	115-2	585823	585905	588236	586655	0.23	cps
Iron	54-2	5229	4873	5296	5132	4.42	cps
Iron	56-2	90669	92822	89456	90983	1.87	cps
Iron	57-2	2489	2389	2522	2467	2.81	cps
Krypton	83-1	1757	1700	1890	1782	5.47	cps
Lead	206-1	572	672	572	606	9.53	cps
Lead	207-1	656	683	572	637	9.08	cps
Lead	208-1	2517	2583	2545	2548	1.31	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-10 Instrumnet Name : P8
 Client Sample ID : 49-MW008(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:33:26 DataFile Name : 103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1856630	1856745	1851804	1855060	0.15	cps
Magnesium	24-2	4166495	4162482	4166947	4165308	0.06	cps
Manganese	55-2	28823	28989	28425	28746	1.01	cps
Molybdenum	94-1	558	775	608	647	17.54	cps
Molybdenum	95-1	767	800	758	775	2.84	cps
Molybdenum	96-1	750	1042	1075	956	18.71	cps
Molybdenum	97-1	542	475	575	531	9.60	cps
Molybdenum	98-1	1433	1442	1067	1314	16.30	cps
Neodymium	150-1	80	80	147	102	37.65	cps
Neodymium	150-2	30	17	27	24	28.38	cps
Nickel	60-2	940	780	880	867	9.33	cps
Phosphorus	31-2	117	150	225	164	33.86	cps
Potassium	39-2	398694	413359	401603	404552	1.92	cps
Rhodium	103-1	3162613	3084574	3068521	3105236	1.62	cps
Rhodium	103-2	1629166	1586864	1636689	1617573	1.66	cps
Scandium	45-1	2447078	2437997	2491971	2459015	1.18	cps
Scandium	45-2	95182	94354	94988	94841	0.46	cps
Selenium	82-1	112	253	-59	102	153.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	51	53	48	13.31	cps
Silicon	28-1	8427643	8575052	8549131	8517275	0.92	cps
Silver	109-1	267	150	225	214	27.64	cps
Silver	107-1	283	125	192	200	39.75	cps
Sodium	23-2	17590312	17637774	17886582	17704889	0.90	cps
Strontium	86-1	1499228	1582860	1577751	1553280	3.02	cps
Strontium	88-1	12778320	13385098	13271283	13144900	2.45	cps
Sulfur	34-1	754581	755888	759980	756816	0.37	cps
Terbium	159-1	3620630	3549026	3505977	3558544	1.63	cps
Terbium	159-2	1904379	1864576	1849649	1872868	1.51	cps
Thallium	203-1	83	33	83	67	43.31	cps
Thallium	205-1	225	158	175	186	18.64	cps
Tin	118-1	283	275	242	267	8.27	cps
Titanium	47-1	1742	1742	1567	1683	6.00	cps
Uranium	238-1	12281	12248	12298	12276	0.21	cps
Vanadium	51-2	340	323	323	329	2.93	cps
Yttrium	89-1	6044900	6183265	6193613	6140593	1.35	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-10	Instrumnet Name :	P8
Client Sample ID :	49-MW008(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:33:26	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	761002	756797	763047	760282	0.42	cps
Zinc	66-2	1633	1547	1510	1563	4.05	cps
Zirconium	90-1	300	325	242	289	14.80	cps
Zirconium	91-1	50	58	67	58	14.29	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13616	13645	13572	13611	0.27	cps
Antimony	121-1	1175	1508	1617	1433	16.06	cps
Arsenic	75-2	334	350	314	333	5.42	cps
Barium	135-1	40821	42192	42125	41712	1.85	cps
Barium	137-1	71280	72084	72545	71970	0.89	cps
Beryllium	9-1	216	206	214	212	2.50	cps
Bismuth	209-1	1828996	1788777	1763933	1793902	1.83	cps
Bismuth	209-2	1234207	1207014	1211199	1217474	1.20	cps
Boron	10-1	2350	2544	2728	2540	7.44	cps
Boron	11-1	11124	11828	12361	11771	5.27	cps
Bromine	81-1	88145	101164	107072	98794	9.80	cps
Cadmium	111-1	1152	1218	1153	1174	3.20	cps
Cadmium	106-1	1217	1250	1150	1206	4.22	cps
Cadmium	108-1	88	79	104	90	14.10	cps
Calcium	43-1	1439957	1476605	1479765	1465443	1.51	cps
Calcium	44-1	24141049	24437455	24864986	24481163	1.49	cps
Chromium	52-2	8232	8042	8373	8216	2.02	cps
Cobalt	59-2	1337	1317	1440	1365	4.85	cps
Copper	63-2	7659	7793	7769	7741	0.92	cps
Dysprosium	156-1	283	217	283	261	14.74	cps
Dysprosium	156-2	113	140	87	113	23.53	cps
Erbium	164-1	225	175	208	203	12.55	cps
Erbium	164-2	67	103	140	103	35.48	cps
Gadolinium	160-1	250	125	225	200	33.07	cps
Gadolinium	160-2	127	73	140	113	31.13	cps
Holmium	165-1	3315221	3274798	3139654	3243224	2.83	cps
Holmium	165-2	1817799	1808436	1812232	1812822	0.26	cps
Indium	115-1	3144496	3093062	3085498	3107685	1.03	cps
Indium	115-2	578872	570873	571903	573883	0.76	cps
Iron	54-2	83207	81089	80727	81674	1.64	cps
Iron	56-2	1520968	1477435	1483201	1493868	1.58	cps
Iron	57-2	36776	36647	36085	36502	1.01	cps
Krypton	83-1	1740	1740	1693	1725	1.56	cps
Lead	206-1	4651	4301	4762	4571	5.27	cps
Lead	207-1	3601	3601	3601	3601	0.00	cps
Lead	208-1	17733	17227	17850	17603	1.88	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1792514	1861499	1798245	1817419	2.11	cps
Magnesium	24-2	2641704	2574585	2546757	2587682	1.89	cps
Manganese	55-2	319859	314841	313182	315961	1.10	cps
Molybdenum	94-1	1158	983	933	1025	11.53	cps
Molybdenum	95-1	550	583	500	544	7.70	cps
Molybdenum	96-1	658	617	642	639	3.28	cps
Molybdenum	97-1	408	258	275	314	26.19	cps
Molybdenum	98-1	917	725	708	783	14.78	cps
Neodymium	150-1	400	287	307	331	18.27	cps
Neodymium	150-2	167	140	153	153	8.70	cps
Nickel	60-2	1607	1770	1693	1690	4.84	cps
Phosphorus	31-2	258	192	242	231	15.05	cps
Potassium	39-2	304915	300158	304443	303172	0.86	cps
Rhodium	103-1	2962908	2886498	2946924	2932110	1.37	cps
Rhodium	103-2	1524490	1505431	1520337	1516752	0.66	cps
Scandium	45-1	2449115	2391974	2355089	2398726	1.98	cps
Scandium	45-2	93183	90795	91374	91784	1.36	cps
Selenium	82-1	124	29	104	86	58.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	52	49	55	52	5.77	cps
Silicon	28-1	15796961	16426282	16410646	16211296	2.21	cps
Silver	109-1	1142	983	1083	1070	7.49	cps
Silver	107-1	1075	1058	1317	1150	12.57	cps
Sodium	23-2	143788399	141322941	143314657	142808666	0.92	cps
Strontium	86-1	1039760	1085376	1078651	1067929	2.31	cps
Strontium	88-1	8906238	9131250	9194220	9077236	1.67	cps
Sulfur	34-1	872911	875117	866245	871424	0.53	cps
Terbium	159-1	3402150	3453331	3417909	3424463	0.77	cps
Terbium	159-2	1834522	1782882	1811614	1809673	1.43	cps
Thallium	203-1	167	183	75	142	41.18	cps
Thallium	205-1	283	250	267	267	6.25	cps
Tin	118-1	958	1292	1233	1161	15.33	cps
Titanium	47-1	14441	15475	15117	15011	3.50	cps
Uranium	238-1	4142	3684	4167	3998	6.81	cps
Vanadium	51-2	1823	1757	1860	1813	2.89	cps
Yttrium	89-1	5979088	5972561	5878886	5943512	0.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-11	Instrumnet Name :	P8
Client Sample ID :	49-5578(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:36:15	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740473	724239	723628	729447	1.31	cps
Zinc	66-2	13133	12986	12963	13027	0.71	cps
Zirconium	90-1	2350	2317	2392	2353	1.60	cps
Zirconium	91-1	600	525	608	578	7.95	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5682	5750	5765	5733	0.78	cps
Antimony	121-1	575	417	617	536	19.68	cps
Arsenic	75-2	964	944	976	961	1.68	cps
Barium	135-1	15601	14775	15167	15181	2.72	cps
Barium	137-1	24823	25174	24999	24999	0.70	cps
Beryllium	9-1	164	196	210	190	12.41	cps
Bismuth	209-1	1865676	1934806	1894493	1898325	1.83	cps
Bismuth	209-2	1312546	1328083	1311530	1317386	0.70	cps
Boron	10-1	2844	3140	3120	3034	5.45	cps
Boron	11-1	13582	15043	15553	14726	6.95	cps
Bromine	81-1	72279	82676	95429	83461	13.89	cps
Cadmium	111-1	140	155	151	149	5.41	cps
Cadmium	106-1	1025	1200	1358	1195	13.96	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	904707	932467	931775	922983	1.72	cps
Calcium	44-1	15445471	15643018	15507469	15531986	0.65	cps
Chromium	52-2	3671	3494	3527	3564	2.63	cps
Cobalt	59-2	457	377	410	414	9.70	cps
Copper	63-2	4339	4309	4381	4343	0.84	cps
Dysprosium	156-1	150	117	92	119	24.50	cps
Dysprosium	156-2	57	27	50	44	35.44	cps
Erbium	164-1	150	75	125	117	32.73	cps
Erbium	164-2	50	23	33	36	37.90	cps
Gadolinium	160-1	125	125	133	128	3.77	cps
Gadolinium	160-2	57	73	60	63	13.92	cps
Holmium	165-1	3210299	3380026	3397471	3329265	3.11	cps
Holmium	165-2	1908528	1927096	1919068	1918231	0.49	cps
Indium	115-1	3272671	3318555	3334370	3308532	0.97	cps
Indium	115-2	607240	608203	606545	607329	0.14	cps
Iron	54-2	58291	60617	58748	59219	2.08	cps
Iron	56-2	1046022	1054975	1064457	1055151	0.87	cps
Iron	57-2	26124	27371	27104	26866	2.44	cps
Krypton	83-1	1773	1780	1800	1785	0.78	cps
Lead	206-1	1800	1650	1795	1748	4.86	cps
Lead	207-1	1528	1439	1528	1498	3.43	cps
Lead	208-1	6706	6706	6762	6725	0.48	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1838500	1906684	1883779	1876321	1.85	cps
Magnesium	24-2	2770900	2842270	2784971	2799380	1.35	cps
Manganese	55-2	260045	265403	260505	261984	1.13	cps
Molybdenum	94-1	775	692	742	736	5.70	cps
Molybdenum	95-1	642	758	658	686	9.20	cps
Molybdenum	96-1	717	800	750	756	5.55	cps
Molybdenum	97-1	383	325	375	361	8.74	cps
Molybdenum	98-1	1033	992	975	1000	3.00	cps
Neodymium	150-1	147	147	167	153	7.53	cps
Neodymium	150-2	63	43	37	48	29.04	cps
Nickel	60-2	523	477	500	500	4.67	cps
Phosphorus	31-2	350	358	258	322	17.22	cps
Potassium	39-2	420394	422245	424543	422394	0.49	cps
Rhodium	103-1	3008266	3170639	3117527	3098811	2.67	cps
Rhodium	103-2	1634003	1653236	1615936	1634392	1.14	cps
Scandium	45-1	2441470	2539654	2499142	2493422	1.98	cps
Scandium	45-2	97562	97108	98035	97568	0.47	cps
Selenium	82-1	180	100	77	119	45.49	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	54	48	46	49	8.45	cps
Silicon	28-1	11284490	11514696	11461336	11420174	1.06	cps
Silver	109-1	750	875	917	847	10.24	cps
Silver	107-1	1050	833	1117	1000	14.81	cps
Sodium	23-2	34978495	35680235	35506996	35388575	1.03	cps
Strontium	86-1	657811	669170	658555	661845	0.96	cps
Strontium	88-1	5531931	5603084	5631803	5588939	0.92	cps
Sulfur	34-1	691577	696345	698795	695572	0.53	cps
Terbium	159-1	3479772	3656377	3553056	3563068	2.49	cps
Terbium	159-2	1936589	1910741	1908497	1918609	0.81	cps
Thallium	203-1	75	33	25	44	60.28	cps
Thallium	205-1	108	100	108	106	4.56	cps
Tin	118-1	600	1085	508	731	42.37	cps
Titanium	47-1	5776	6026	5885	5896	2.13	cps
Uranium	238-1	1200	1133	1167	1167	2.86	cps
Vanadium	51-2	810	907	837	851	5.87	cps
Yttrium	89-1	6005295	6153827	6123783	6094302	1.29	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-12	Instrumnet Name :	P8
Client Sample ID :	49-5577(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:39:05	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	773662	779510	774580	775917	0.41	cps
Zinc	66-2	4007	3854	4331	4064	5.99	cps
Zirconium	90-1	800	1050	933	928	13.48	cps
Zirconium	91-1	200	292	208	233	21.72	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17567	17586	17645	17599	0.23	cps
Antimony	121-1	417	542	525	494	13.73	cps
Arsenic	75-2	4643	4551	4689	4628	1.52	cps
Barium	135-1	90057	92976	93597	92210	2.05	cps
Barium	137-1	153893	161295	156945	157378	2.36	cps
Beryllium	9-1	190	182	210	194	7.43	cps
Bismuth	209-1	1856365	1909206	1841525	1869032	1.90	cps
Bismuth	209-2	1267357	1275519	1286364	1276414	0.75	cps
Boron	10-1	5186	5772	5834	5597	6.39	cps
Boron	11-1	25217	27676	28710	27201	6.60	cps
Bromine	81-1	85034	99884	110181	98366	12.85	cps
Cadmium	111-1	544	624	529	566	9.03	cps
Cadmium	106-1	1350	1233	1350	1311	5.14	cps
Cadmium	108-1	75	42	46	54	33.53	cps
Calcium	43-1	2017520	2088136	2096676	2067444	2.10	cps
Calcium	44-1	33311460	35100419	34428167	34280015	2.64	cps
Chromium	52-2	3050	3304	3407	3254	5.64	cps
Cobalt	59-2	1137	1257	1180	1191	5.10	cps
Copper	63-2	5565	5538	5513	5539	0.46	cps
Dysprosium	156-1	308	367	333	336	8.71	cps
Dysprosium	156-2	177	200	150	176	14.25	cps
Erbium	164-1	258	383	300	314	20.28	cps
Erbium	164-2	143	163	153	153	6.52	cps
Gadolinium	160-1	267	358	333	319	14.83	cps
Gadolinium	160-2	233	240	153	209	23.09	cps
Holmium	165-1	3362167	3342415	3332683	3345755	0.45	cps
Holmium	165-2	1852607	1885485	1967457	1901850	3.11	cps
Indium	115-1	3268481	3285751	3198541	3250925	1.42	cps
Indium	115-2	584499	590426	605569	593498	1.83	cps
Iron	54-2	320299	322940	327121	323453	1.06	cps
Iron	56-2	5914615	6086366	6003269	6001417	1.43	cps
Iron	57-2	143586	150312	148307	147402	2.34	cps
Krypton	83-1	1717	1763	2057	1846	9.99	cps
Lead	206-1	2017	2078	1989	2028	2.24	cps
Lead	207-1	1528	1678	1722	1643	6.20	cps
Lead	208-1	7418	7390	7590	7466	1.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1854592	1882947	1818789	1852109	1.74	cps
Magnesium	24-2	4427470	4447209	4550884	4475188	1.48	cps
Manganese	55-2	1137918	1158122	1170816	1155619	1.44	cps
Molybdenum	94-1	1033	1075	1000	1036	3.63	cps
Molybdenum	95-1	542	625	575	581	7.22	cps
Molybdenum	96-1	608	792	800	733	14.77	cps
Molybdenum	97-1	175	350	367	297	35.72	cps
Molybdenum	98-1	733	742	717	731	1.74	cps
Neodymium	150-1	620	593	627	613	2.88	cps
Neodymium	150-2	223	200	223	216	6.25	cps
Nickel	60-2	1550	1673	1583	1602	3.98	cps
Phosphorus	31-2	175	267	175	206	25.75	cps
Potassium	39-2	626633	638030	641563	635409	1.23	cps
Rhodium	103-1	3040591	3107074	3022553	3056739	1.46	cps
Rhodium	103-2	1544933	1611402	1601461	1585932	2.26	cps
Scandium	45-1	2459411	2494468	2462926	2472268	0.78	cps
Scandium	45-2	92069	94370	96920	94453	2.57	cps
Selenium	82-1	187	122	-147	54	327.57	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	54	43	49	11.37	cps
Silicon	28-1	18679010	19090842	19008862	18926238	1.15	cps
Silver	109-1	725	667	775	722	7.51	cps
Silver	107-1	725	875	875	825	10.50	cps
Sodium	23-2	86688562	86787898	87634429	87036963	0.60	cps
Strontium	86-1	1622399	1687942	1652527	1654290	1.98	cps
Strontium	88-1	13464924	14308644	13742596	13838721	3.11	cps
Sulfur	34-1	835001	849766	847520	844096	0.94	cps
Terbium	159-1	3581900	3603858	3484832	3556863	1.78	cps
Terbium	159-2	1831526	1874848	1916546	1874306	2.27	cps
Thallium	203-1	67	50	83	67	25.00	cps
Thallium	205-1	242	225	158	208	21.17	cps
Tin	118-1	950	842	825	872	7.78	cps
Titanium	47-1	16752	19046	17595	17798	6.52	cps
Uranium	238-1	38601	39487	38183	38757	1.72	cps
Vanadium	51-2	1383	1327	1430	1380	3.75	cps
Yttrium	89-1	6118617	6267477	6043211	6143102	1.86	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-13	Instrumnet Name :	P8
Client Sample ID :	49-5973(D)-R-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:41:54	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753577	755819	777654	762350	1.74	cps
Zinc	66-2	10170	9980	10220	10124	1.25	cps
Zirconium	90-1	1892	2059	2384	2111	11.86	cps
Zirconium	91-1	425	467	475	456	5.88	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-14 Instrumnet Name : P8
 Client Sample ID : 49-MW002(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:44:44 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7732	7579	7874	7728	1.91	cps
Antimony	121-1	1317	1500	1375	1397	6.70	cps
Arsenic	75-2	165	163	140	156	8.90	cps
Barium	135-1	3175	3242	3259	3225	1.37	cps
Barium	137-1	5768	6118	5385	5757	6.37	cps
Beryllium	9-1	170	186	180	179	4.52	cps
Bismuth	209-1	1963375	1937037	1970709	1957040	0.90	cps
Bismuth	209-2	1360635	1359597	1363109	1361114	0.13	cps
Boron	10-1	1572	1546	1466	1528	3.62	cps
Boron	11-1	7120	7658	7316	7365	3.70	cps
Bromine	81-1	42899	45329	46143	44790	3.77	cps
Cadmium	111-1	475	358	423	419	14.01	cps
Cadmium	106-1	1367	1208	1275	1283	6.19	cps
Cadmium	108-1	50	33	17	33	50.00	cps
Calcium	43-1	43224	44704	44937	44288	2.10	cps
Calcium	44-1	748123	765030	763726	758960	1.24	cps
Chromium	52-2	3344	3607	3550	3500	3.96	cps
Cobalt	59-2	750	633	720	701	8.64	cps
Copper	63-2	7792	7875	7853	7840	0.55	cps
Dysprosium	156-1	58	158	167	128	47.18	cps
Dysprosium	156-2	73	67	67	69	5.58	cps
Erbium	164-1	133	92	117	114	18.41	cps
Erbium	164-2	50	63	50	54	14.14	cps
Gadolinium	160-1	75	133	142	117	31.14	cps
Gadolinium	160-2	67	90	80	79	14.84	cps
Holmium	165-1	3439227	3482029	3427765	3449674	0.83	cps
Holmium	165-2	1976698	2019259	1957504	1984487	1.59	cps
Indium	115-1	3410235	3487357	3441578	3446390	1.13	cps
Indium	115-2	626518	625056	623938	625170	0.21	cps
Iron	54-2	44475	44425	44926	44609	0.62	cps
Iron	56-2	810510	803634	803129	805758	0.51	cps
Iron	57-2	20632	20092	20109	20278	1.51	cps
Krypton	83-1	1963	1807	1920	1897	4.27	cps
Lead	206-1	2906	2817	2411	2711	9.72	cps
Lead	207-1	2461	2250	2334	2348	4.53	cps
Lead	208-1	10719	10630	10241	10530	2.41	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-14	Instrumnet Name :	P8
Client Sample ID :	49-MW002(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:44:44	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1902877	1975117	1946793	1941595	1.87	cps
Magnesium	24-2	94036	92836	94925	93932	1.12	cps
Manganese	55-2	24725	24304	24297	24442	1.00	cps
Molybdenum	94-1	858	708	533	700	23.24	cps
Molybdenum	95-1	717	800	758	758	5.49	cps
Molybdenum	96-1	967	892	833	897	7.45	cps
Molybdenum	97-1	458	367	342	389	15.80	cps
Molybdenum	98-1	1058	1167	1167	1131	5.53	cps
Neodymium	150-1	220	227	200	216	6.44	cps
Neodymium	150-2	77	70	103	83	21.17	cps
Nickel	60-2	1013	1200	1020	1078	9.83	cps
Phosphorus	31-2	233	233	267	244	7.87	cps
Potassium	39-2	123274	120928	123374	122525	1.13	cps
Rhodium	103-1	3244029	3259945	3277915	3260630	0.52	cps
Rhodium	103-2	1720361	1707392	1694311	1707355	0.76	cps
Scandium	45-1	2557203	2594465	2553367	2568345	0.88	cps
Scandium	45-2	101126	99766	100458	100450	0.68	cps
Selenium	82-1	-108	118	-53	-14	-819.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	40	51	58	50	18.28	cps
Silicon	28-1	3194305	3300974	3318176	3271152	2.05	cps
Silver	109-1	842	933	1008	928	9.00	cps
Silver	107-1	875	842	1025	914	10.69	cps
Sodium	23-2	39535800	38946643	38728710	39070384	1.07	cps
Strontium	86-1	50634	50902	51186	50907	0.54	cps
Strontium	88-1	401197	413237	414867	409767	1.82	cps
Sulfur	34-1	594663	596091	602032	597595	0.65	cps
Terbium	159-1	3681715	3718402	3692775	3697631	0.51	cps
Terbium	159-2	1983785	1988395	1950612	1974264	1.04	cps
Thallium	203-1	50	50	92	64	37.66	cps
Thallium	205-1	117	200	192	169	27.09	cps
Tin	118-1	917	742	867	842	10.71	cps
Titanium	47-1	7127	6693	6510	6777	4.68	cps
Uranium	238-1	592	683	608	628	7.78	cps
Vanadium	51-2	1490	1487	1600	1526	4.23	cps
Yttrium	89-1	6251504	6415304	6311789	6326199	1.31	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-14	Instrumnet Name :	P8
Client Sample ID :	49-MW002(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:44:44	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	802189	791201	801711	798367	0.78	cps
Zinc	66-2	5588	5418	5891	5632	4.26	cps
Zirconium	90-1	1886	817	1042	1248	45.18	cps
Zirconium	91-1	217	300	317	278	19.29	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-15	Instrumnet Name :	P8
Client Sample ID :	49-PZ005(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:47:34	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27585	27750	26851	27396	1.75	cps
Antimony	121-1	1700	1892	2134	1909	11.38	cps
Arsenic	75-2	460	448	428	445	3.63	cps
Barium	135-1	13882	15042	14400	14441	4.02	cps
Barium	137-1	24039	25074	24322	24478	2.18	cps
Beryllium	9-1	220	226	234	227	3.10	cps
Bismuth	209-1	1890108	1901959	1867271	1886446	0.93	cps
Bismuth	209-2	1284867	1303261	1293697	1293942	0.71	cps
Boron	10-1	1682	1640	1608	1643	2.26	cps
Boron	11-1	7558	7961	8089	7869	3.52	cps
Bromine	81-1	75136	92085	99501	88907	14.05	cps
Cadmium	111-1	765	867	791	808	6.54	cps
Cadmium	106-1	1458	1258	1058	1258	15.89	cps
Cadmium	108-1	100	83	79	88	12.60	cps
Calcium	43-1	804556	814004	819672	812744	0.94	cps
Calcium	44-1	13499685	13917677	13659005	13692122	1.54	cps
Chromium	52-2	12582	13023	12656	12754	1.85	cps
Cobalt	59-2	1970	2217	1937	2041	7.49	cps
Copper	63-2	8443	8101	8347	8297	2.12	cps
Dysprosium	156-1	492	375	400	422	14.55	cps
Dysprosium	156-2	193	177	210	193	8.62	cps
Erbium	164-1	283	417	383	361	19.22	cps
Erbium	164-2	217	173	237	209	15.50	cps
Gadolinium	160-1	442	367	433	414	9.93	cps
Gadolinium	160-2	210	250	230	230	8.70	cps
Holmium	165-1	3389740	3389812	3335945	3371832	0.92	cps
Holmium	165-2	1919100	1923388	1922596	1921694	0.12	cps
Indium	115-1	3332126	3306840	3296716	3311894	0.55	cps
Indium	115-2	606135	609271	610162	608523	0.35	cps
Iron	54-2	279080	276648	273691	276473	0.98	cps
Iron	56-2	5147159	5071959	5019855	5079657	1.26	cps
Iron	57-2	124337	126393	124645	125125	0.89	cps
Krypton	83-1	1847	1917	1850	1871	2.11	cps
Lead	206-1	5329	5340	5385	5351	0.55	cps
Lead	207-1	4256	4584	4634	4492	4.57	cps
Lead	208-1	20368	20801	20985	20718	1.53	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-15	Instrumnet Name :	P8
Client Sample ID :	49-PZ005(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:47:34	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1843878	1869196	1884892	1865989	1.11	cps
Magnesium	24-2	434170	437070	433880	435040	0.41	cps
Manganese	55-2	84622	85675	85041	85113	0.62	cps
Molybdenum	94-1	2084	2109	1959	2050	3.92	cps
Molybdenum	95-1	2234	2067	2250	2184	4.64	cps
Molybdenum	96-1	2142	2634	2400	2392	10.28	cps
Molybdenum	97-1	1292	1375	1408	1358	4.42	cps
Molybdenum	98-1	3717	3175	3309	3401	8.30	cps
Neodymium	150-1	767	753	900	807	10.06	cps
Neodymium	150-2	397	320	283	333	17.35	cps
Nickel	60-2	2854	2944	2720	2839	3.96	cps
Phosphorus	31-2	383	325	400	369	10.66	cps
Potassium	39-2	467884	473340	472398	471207	0.62	cps
Rhodium	103-1	3090462	3023130	3049856	3054483	1.11	cps
Rhodium	103-2	1632725	1564832	1580684	1592747	2.23	cps
Scandium	45-1	2472133	2515533	2489502	2492390	0.88	cps
Scandium	45-2	97065	96625	96219	96637	0.44	cps
Selenium	82-1	98	-60	70	36	234.46	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	42	52	59	51	16.76	cps
Silicon	28-1	9675564	9895239	9820096	9796966	1.14	cps
Silver	109-1	950	1017	1200	1056	12.26	cps
Silver	107-1	817	983	1208	1003	19.60	cps
Sodium	23-2	181038796	182802700	181174233	181671910	0.54	cps
Strontium	86-1	416827	413033	417110	415657	0.55	cps
Strontium	88-1	3465604	3537019	3500903	3501175	1.02	cps
Sulfur	34-1	705643	707232	707559	706812	0.15	cps
Terbium	159-1	3607780	3651443	3588677	3615967	0.89	cps
Terbium	159-2	1892804	1890360	1880560	1887908	0.34	cps
Thallium	203-1	117	67	58	81	39.16	cps
Thallium	205-1	183	158	108	150	25.46	cps
Tin	118-1	1125	1258	1075	1153	8.22	cps
Titanium	47-1	26667	26976	28679	27441	3.95	cps
Uranium	238-1	8737	8520	8612	8623	1.26	cps
Vanadium	51-2	4541	4941	5051	4844	5.54	cps
Yttrium	89-1	6194088	6174064	6134000	6167384	0.50	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-15	Instrumnet Name :	P8
Client Sample ID :	49-PZ005(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:47:34	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	771503	778981	770546	773676	0.60	cps
Zinc	66-2	14905	14968	14548	14807	1.53	cps
Zirconium	90-1	2409	2109	2325	2281	6.79	cps
Zirconium	91-1	508	508	567	528	6.38	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1532	1491	1681	1568	6.37	cps
Antimony	121-1	458	492	533	494	7.60	cps
Arsenic	75-2	3796	3723	3655	3725	1.89	cps
Barium	135-1	30243	30552	29800	30198	1.25	cps
Barium	137-1	51650	52419	52293	52121	0.79	cps
Beryllium	9-1	168	126	160	151	14.74	cps
Bismuth	209-1	1866923	1880797	1914806	1887509	1.31	cps
Bismuth	209-2	1338827	1334172	1362009	1345002	1.11	cps
Boron	10-1	3280	3848	3832	3653	8.85	cps
Boron	11-1	16394	17749	19022	17722	7.42	cps
Bromine	81-1	70790	81106	88951	80282	11.35	cps
Cadmium	111-1	129	148	153	143	9.01	cps
Cadmium	106-1	1058	1158	1367	1195	13.17	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	1039927	1059525	1065251	1054901	1.26	cps
Calcium	44-1	17465259	18271342	18304750	18013784	2.64	cps
Chromium	52-2	1280	1230	1207	1239	3.02	cps
Cobalt	59-2	393	397	353	381	6.33	cps
Copper	63-2	1514	1614	1632	1587	4.00	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	10	37	20	22	60.63	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	37	23	13	24	47.91	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	33	23	20	26	27.15	cps
Holmium	165-1	3330124	3359139	3384586	3357950	0.81	cps
Holmium	165-2	1984174	1956555	1997894	1979541	1.06	cps
Indium	115-1	3254162	3367499	3316398	3312686	1.71	cps
Indium	115-2	618219	618120	628856	621732	0.99	cps
Iron	54-2	47027	46676	48198	47300	1.68	cps
Iron	56-2	848088	855237	860458	854594	0.73	cps
Iron	57-2	22073	21477	21500	21683	1.56	cps
Krypton	83-1	1840	1893	1693	1809	5.73	cps
Lead	206-1	394	400	389	394	1.41	cps
Lead	207-1	367	483	383	411	15.35	cps
Lead	208-1	1761	1867	1828	1819	2.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1920154	1906736	1896376	1907755	0.62	cps
Magnesium	24-2	4314778	4278874	4470322	4354658	2.34	cps
Manganese	55-2	116373	116554	118410	117112	0.96	cps
Molybdenum	94-1	1375	1383	1442	1400	2.59	cps
Molybdenum	95-1	1884	1884	1792	1853	2.86	cps
Molybdenum	96-1	1767	2075	2050	1964	8.72	cps
Molybdenum	97-1	958	1142	1167	1089	10.45	cps
Molybdenum	98-1	2759	2675	2850	2761	3.17	cps
Neodymium	150-1	53	40	73	56	30.21	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	403	477	383	421	11.67	cps
Phosphorus	31-2	225	167	108	167	35.00	cps
Potassium	39-2	745177	751655	764643	753825	1.31	cps
Rhodium	103-1	3156894	3077192	3074596	3102894	1.51	cps
Rhodium	103-2	1673156	1652258	1713177	1679530	1.84	cps
Scandium	45-1	2470627	2528368	2480518	2493171	1.24	cps
Scandium	45-2	98216	98541	102432	99730	2.35	cps
Selenium	82-1	-38	-55	175	27	467.97	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	48	45	38	44	11.76	cps
Silicon	28-1	14727060	15061749	15009740	14932850	1.21	cps
Silver	109-1	583	583	725	631	12.97	cps
Silver	107-1	667	708	692	689	3.04	cps
Sodium	23-2	58992022	58210403	60485212	59229212	1.95	cps
Strontium	86-1	990793	1027344	1035376	1017838	2.33	cps
Strontium	88-1	8267925	8754735	8742969	8588543	3.23	cps
Sulfur	34-1	565268	572412	570487	569389	0.65	cps
Terbium	159-1	3529236	3562110	3659486	3583611	1.89	cps
Terbium	159-2	1948702	1951652	2003531	1967962	1.57	cps
Thallium	203-1	25	17	8	17	50.01	cps
Thallium	205-1	58	33	42	44	28.65	cps
Tin	118-1	217	142	183	181	20.81	cps
Titanium	47-1	1458	1625	1500	1528	5.68	cps
Uranium	238-1	2684	2509	2359	2517	6.46	cps
Vanadium	51-2	203	203	260	222	14.72	cps
Yttrium	89-1	6060004	6131343	6337947	6176432	2.34	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-16	Instrumnet Name :	P8
Client Sample ID :	49-5564(D)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:50:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	789645	787011	807905	794854	1.43	cps
Zinc	66-2	963	993	977	978	1.54	cps
Zirconium	90-1	683	792	783	753	8.01	cps
Zirconium	91-1	192	192	200	194	2.48	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1544	1562	1500	1535	2.09	cps
Antimony	121-1	350	333	350	344	2.79	cps
Arsenic	75-2	16448	16296	16138	16294	0.95	cps
Barium	135-1	310008	314076	313418	312501	0.70	cps
Barium	137-1	537889	540400	531792	536694	0.82	cps
Beryllium	9-1	156	168	142	155	8.38	cps
Bismuth	209-1	1928844	1955361	1878852	1921019	2.02	cps
Bismuth	209-2	1325148	1327042	1308548	1320246	0.77	cps
Boron	10-1	1720	1862	1940	1840	6.06	cps
Boron	11-1	8863	9259	9315	9146	2.70	cps
Bromine	81-1	92285	108354	117788	106143	12.15	cps
Cadmium	111-1	140	134	133	136	3.03	cps
Cadmium	106-1	1425	1375	1258	1353	6.32	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	642184	647411	640852	643483	0.54	cps
Calcium	44-1	10598289	10872841	10759103	10743411	1.28	cps
Chromium	52-2	1290	1310	1200	1267	4.63	cps
Cobalt	59-2	17678	18255	17941	17958	1.61	cps
Copper	63-2	1471	1706	1766	1648	9.46	cps
Dysprosium	156-1	75	133	108	106	27.73	cps
Dysprosium	156-2	13	10	20	14	35.26	cps
Erbium	164-1	17	58	75	50	60.09	cps
Erbium	164-2	43	37	37	39	9.89	cps
Gadolinium	160-1	58	100	83	81	26.04	cps
Gadolinium	160-2	43	27	33	34	24.35	cps
Holmium	165-1	3470567	3442381	3346272	3419740	1.91	cps
Holmium	165-2	1956034	1975403	1955253	1962230	0.58	cps
Indium	115-1	3351234	3381373	3362601	3365070	0.45	cps
Indium	115-2	621178	608321	609552	613017	1.16	cps
Iron	54-2	1675387	1658894	1644134	1659472	0.94	cps
Iron	56-2	29967453	29987836	29306628	29753972	1.30	cps
Iron	57-2	740213	735849	732458	736173	0.53	cps
Krypton	83-1	1787	1817	1930	1845	4.10	cps
Lead	206-1	489	489	411	463	9.70	cps
Lead	207-1	339	550	372	420	27.00	cps
Lead	208-1	1922	2006	1683	1870	8.94	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1923056	1977540	1916389	1938995	1.73	cps
Magnesium	24-2	1003127	993751	979875	992251	1.18	cps
Manganese	55-2	4993227	5077128	5004936	5025097	0.90	cps
Molybdenum	94-1	3309	3592	3667	3523	5.37	cps
Molybdenum	95-1	5926	6102	5826	5951	2.34	cps
Molybdenum	96-1	6268	6593	6418	6427	2.53	cps
Molybdenum	97-1	3584	3759	3759	3701	2.73	cps
Molybdenum	98-1	9128	10162	9620	9637	5.37	cps
Neodymium	150-1	120	107	107	111	6.93	cps
Neodymium	150-2	57	23	50	43	40.71	cps
Nickel	60-2	453	443	383	427	8.87	cps
Phosphorus	31-2	233	108	125	156	43.63	cps
Potassium	39-2	317961	323730	321080	320924	0.90	cps
Rhodium	103-1	3186166	3197382	3185962	3189836	0.20	cps
Rhodium	103-2	1669547	1644440	1672618	1662202	0.93	cps
Scandium	45-1	2527573	2515408	2528214	2523732	0.29	cps
Scandium	45-2	98719	98910	97451	98360	0.81	cps
Selenium	82-1	173	24	-74	41	305.33	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	41	62	48	50	21.25	cps
Silicon	28-1	10438401	10433327	10386037	10419255	0.28	cps
Silver	109-1	525	592	583	567	6.41	cps
Silver	107-1	517	633	592	581	10.18	cps
Sodium	23-2	79964941	79225783	77845391	79012039	1.36	cps
Strontium	86-1	510109	515496	515016	513540	0.58	cps
Strontium	88-1	4302157	4424416	4292109	4339560	1.70	cps
Sulfur	34-1	546770	544562	541445	544259	0.49	cps
Terbium	159-1	3634997	3659124	3634780	3642967	0.38	cps
Terbium	159-2	1964845	1929968	1916550	1937121	1.29	cps
Thallium	203-1	42	17	33	31	41.66	cps
Thallium	205-1	33	50	58	47	26.97	cps
Tin	118-1	208	242	242	231	8.35	cps
Titanium	47-1	1450	1308	1242	1333	7.98	cps
Uranium	238-1	242	192	267	233	16.37	cps
Vanadium	51-2	763	867	857	829	6.88	cps
Yttrium	89-1	6386687	6327205	6300539	6338144	0.70	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-17	Instrumnet Name :	P8
Client Sample ID :	49-5565(S)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:53:13	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	792230	785971	788544	788915	0.40	cps
Zinc	66-2	940	1043	1110	1031	8.31	cps
Zirconium	90-1	758	758	867	794	7.87	cps
Zirconium	91-1	250	242	183	225	16.14	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-18 Instrumnet Name : P8
 Client Sample ID : 49-MW026(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:56:03 DataFile Name : 111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1795	1792	1761	1783	1.05	cps
Antimony	121-1	517	417	442	458	11.35	cps
Arsenic	75-2	3168	3226	3217	3203	0.97	cps
Barium	135-1	79190	78771	78938	78966	0.27	cps
Barium	137-1	128801	133985	132830	131872	2.06	cps
Beryllium	9-1	154	150	186	163	12.08	cps
Bismuth	209-1	1887862	1946675	1920893	1918477	1.54	cps
Bismuth	209-2	1314293	1269823	1321270	1301795	2.14	cps
Boron	10-1	3118	3298	3634	3350	7.82	cps
Boron	11-1	15125	16516	17463	16368	7.19	cps
Bromine	81-1	62915	70548	73587	69016	7.97	cps
Cadmium	111-1	138	142	119	133	9.32	cps
Cadmium	106-1	1400	1450	1258	1370	7.26	cps
Cadmium	108-1	13	29	33	25	44.09	cps
Calcium	43-1	1204930	1244944	1252195	1234023	2.06	cps
Calcium	44-1	20141602	20538191	20792706	20490833	1.60	cps
Chromium	52-2	1060	1080	1050	1063	1.44	cps
Cobalt	59-2	377	347	353	359	4.39	cps
Copper	63-2	1578	1552	1499	1543	2.62	cps
Dysprosium	156-1	33	67	50	50	33.34	cps
Dysprosium	156-2	20	33	23	26	27.15	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	37	43	43	41	9.35	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	37	30	33	33	10.01	cps
Holmium	165-1	3285863	3539157	3333026	3386015	3.98	cps
Holmium	165-2	1969842	1864112	1943996	1925983	2.86	cps
Indium	115-1	3275319	3466395	3319176	3353630	2.98	cps
Indium	115-2	603387	591453	615587	603476	2.00	cps
Iron	54-2	140506	137897	138862	139088	0.95	cps
Iron	56-2	2596417	2600293	2574968	2590560	0.53	cps
Iron	57-2	64624	63301	62760	63562	1.51	cps
Krypton	83-1	1803	1853	2003	1887	5.52	cps
Lead	206-1	611	644	561	606	6.93	cps
Lead	207-1	617	556	489	554	11.54	cps
Lead	208-1	2533	2289	2445	2422	5.11	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-18 Instrumnet Name : P8
 Client Sample ID : 49-MW026(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 19:56:03 DataFile Name : 111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1889292	1927768	1886473	1901178	1.21	cps
Magnesium	24-2	2234666	2254932	2251571	2247056	0.48	cps
Manganese	55-2	175485	175569	172091	174381	1.14	cps
Molybdenum	94-1	4401	4443	4593	4479	2.25	cps
Molybdenum	95-1	7752	8011	7611	7791	2.60	cps
Molybdenum	96-1	8311	8244	8595	8383	2.22	cps
Molybdenum	97-1	4843	4451	4709	4668	4.27	cps
Molybdenum	98-1	11822	12297	12122	12081	1.99	cps
Neodymium	150-1	87	73	93	84	12.06	cps
Neodymium	150-2	30	20	27	26	19.92	cps
Nickel	60-2	4474	4324	4241	4346	2.72	cps
Phosphorus	31-2	175	250	208	211	17.80	cps
Potassium	39-2	620605	616685	617361	618217	0.34	cps
Rhodium	103-1	3121752	3334710	3114965	3190476	3.92	cps
Rhodium	103-2	1635838	1628066	1641370	1635091	0.41	cps
Scandium	45-1	2484005	2609978	2491232	2528405	2.80	cps
Scandium	45-2	97149	93535	98814	96499	2.80	cps
Selenium	82-1	46	18	-116	-17	-504.88	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	45	50	46	47	5.64	cps
Silicon	28-1	12572469	12862361	12828154	12754328	1.24	cps
Silver	109-1	433	567	417	472	17.41	cps
Silver	107-1	617	417	550	528	19.30	cps
Sodium	23-2	54434816	55269003	54738966	54814262	0.77	cps
Strontium	86-1	733551	739206	746621	739793	0.89	cps
Strontium	88-1	6117763	6242035	6215295	6191698	1.06	cps
Sulfur	34-1	580931	583605	587366	583967	0.55	cps
Terbium	159-1	3564352	3686595	3547164	3599370	2.11	cps
Terbium	159-2	1918435	1869423	1934275	1907378	1.77	cps
Thallium	203-1	8	17	33	19	65.47	cps
Thallium	205-1	33	58	33	42	34.65	cps
Tin	118-1	217	275	200	231	17.08	cps
Titanium	47-1	1483	1392	1625	1500	7.84	cps
Uranium	238-1	8787	9846	10271	9634	7.93	cps
Vanadium	51-2	220	227	213	220	3.03	cps
Yttrium	89-1	6075633	6433573	6206519	6238575	2.90	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-18	Instrumnet Name :	P8
Client Sample ID :	49-MW026(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:56:03	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	780005	759324	791174	776834	2.08	cps
Zinc	66-2	4281	4407	4331	4340	1.47	cps
Zirconium	90-1	475	558	375	469	19.55	cps
Zirconium	91-1	58	100	108	89	30.14	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979025	968813	986445	978094	0.91	cps
Antimony	121-1	1298420	1328406	1321964	1316263	1.20	cps
Arsenic	75-2	54469	54119	54851	54480	0.67	cps
Barium	135-1	1355201	1373204	1370521	1366309	0.71	cps
Barium	137-1	2336821	2368115	2375000	2359979	0.86	cps
Beryllium	9-1	403176	411554	413736	409489	1.36	cps
Bismuth	209-1	1829145	1879245	1837401	1848597	1.45	cps
Bismuth	209-2	1271046	1266657	1267718	1268474	0.18	cps
Boron	10-1	30255	33247	35522	33008	8.00	cps
Boron	11-1	143111	159591	166148	156284	7.59	cps
Bromine	81-1	16767	17078	16276	16707	2.42	cps
Cadmium	111-1	277298	281659	283670	280876	1.16	cps
Cadmium	106-1	30451	32364	32130	31648	3.30	cps
Cadmium	108-1	21300	21801	21413	21504	1.22	cps
Calcium	43-1	1880669	1917868	1927677	1908738	1.30	cps
Calcium	44-1	31149416	31788090	32283326	31740277	1.79	cps
Chromium	52-2	431684	435405	440638	435909	1.03	cps
Cobalt	59-2	740808	737381	743850	740680	0.44	cps
Copper	63-2	5242252	5228413	5248999	5239888	0.20	cps
Dysprosium	156-1	67	67	108	81	29.86	cps
Dysprosium	156-2	37	67	57	53	28.64	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	92	75	142	103	33.76	cps
Gadolinium	160-2	57	43	73	58	26.01	cps
Holmium	165-1	3227365	3305669	3212624	3248553	1.54	cps
Holmium	165-2	1897567	1889569	1883066	1890067	0.38	cps
Indium	115-1	3167310	3203311	3150884	3173835	0.84	cps
Indium	115-2	578727	577754	584693	580391	0.65	cps
Iron	54-2	4382862	4268493	4403901	4351752	1.67	cps
Iron	56-2	78387435	76548588	78388966	77774996	1.37	cps
Iron	57-2	2013738	1943577	2022888	1993401	2.18	cps
Krypton	83-1	1883	1860	1747	1830	4.00	cps
Lead	206-1	3467630	3564725	3533820	3522058	1.41	cps
Lead	207-1	3108012	3161048	3185097	3151386	1.25	cps
Lead	208-1	13932957	14301504	14108950	14114470	1.31	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1845324	1874719	1812818	1844287	1.68	cps
Magnesium	24-2	14891902	14898574	15117687	14969388	0.86	cps
Manganese	55-2	2098215	2065468	2140355	2101346	1.79	cps
Molybdenum	94-1	2580199	2576792	2636998	2597996	1.30	cps
Molybdenum	95-1	3105783	3168553	3229908	3168082	1.96	cps
Molybdenum	96-1	3491693	3507983	3594438	3531371	1.56	cps
Molybdenum	97-1	1944757	2010032	2001697	1985495	1.79	cps
Molybdenum	98-1	4947327	5096474	5062500	5035434	1.55	cps
Neodymium	150-1	73	47	87	69	29.56	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	196600	197339	197809	197249	0.31	cps
Phosphorus	31-2	14040	12881	14583	13835	6.28	cps
Potassium	39-2	6034393	6003157	6117435	6051662	0.98	cps
Rhodium	103-1	2966862	3083047	2987105	3012338	2.06	cps
Rhodium	103-2	1567297	1541877	1600171	1569782	1.86	cps
Scandium	45-1	2381525	2447176	2417322	2415341	1.36	cps
Scandium	45-2	96575	94938	95132	95548	0.94	cps
Selenium	82-1	20949	21070	21401	21140	1.11	cps
Selenium	77-2	830	787	870	829	5.03	cps
Selenium	78-2	2621	2528	2601	2583	1.87	cps
Silicon	28-1	2293083	2484709	2621122	2466305	6.68	cps
Silver	109-1	1367326	1393903	1404244	1388491	1.37	cps
Silver	107-1	1446875	1465713	1469210	1460600	0.82	cps
Sodium	23-2	29385465	29363961	29620902	29456776	0.48	cps
Strontium	86-1	428304	437725	439351	435126	1.37	cps
Strontium	88-1	3654369	3657003	3746746	3686039	1.43	cps
Sulfur	34-1	660959	660413	658431	659934	0.20	cps
Terbium	159-1	3477187	3506989	3489151	3491109	0.43	cps
Terbium	159-2	1856742	1863209	1879636	1866529	0.63	cps
Thallium	203-1	780916	803376	805508	796600	1.71	cps
Thallium	205-1	1902520	1968143	1924483	1931715	1.73	cps
Tin	118-1	939965	942113	935293	939124	0.37	cps
Titanium	47-1	984180	1015886	1013858	1004641	1.77	cps
Uranium	238-1	2366046	2358905	2405937	2376963	1.07	cps
Vanadium	51-2	358341	357833	362931	359702	0.78	cps
Yttrium	89-1	6044097	6077503	6024187	6048596	0.45	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 19:59:55	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757420	752033	768019	759157	1.07	cps
Zinc	66-2	705892	706946	717786	710208	0.93	cps
Zirconium	90-1	2179813	2211745	2247795	2213118	1.54	cps
Zirconium	91-1	491705	494842	500316	495621	0.88	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:11:07 DataFile Name : 114CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	386	411	399	399	3.14	cps
Antimony	121-1	108	75	108	97	19.80	cps
Arsenic	75-2	10	6	5	7	37.80	cps
Barium	135-1	67	17	50	44	57.28	cps
Barium	137-1	42	33	92	56	56.79	cps
Beryllium	9-1	146	186	170	167	12.03	cps
Bismuth	209-1	1844478	1898829	1861868	1868392	1.49	cps
Bismuth	209-2	1274377	1263551	1290073	1276000	1.05	cps
Boron	10-1	748	730	690	723	4.11	cps
Boron	11-1	3340	3306	3240	3295	1.54	cps
Bromine	81-1	4746	4295	4676	4572	5.30	cps
Cadmium	111-1	60	69	59	63	9.03	cps
Cadmium	106-1	958	1250	1200	1136	13.73	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	211	195	197	201	4.35	cps
Calcium	44-1	15871	16133	15967	15990	0.83	cps
Chromium	52-2	867	757	803	809	6.83	cps
Cobalt	59-2	60	70	70	67	8.66	cps
Copper	63-2	841	824	931	866	6.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	17	3	17	12	63.01	cps
Gadolinium	160-1	42	42	8	31	62.99	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	3094780	3147187	3248577	3163515	2.47	cps
Holmium	165-2	1827828	1807151	1791309	1808763	1.01	cps
Indium	115-1	3128763	3134000	3124692	3129152	0.15	cps
Indium	115-2	569520	568233	575616	571123	0.69	cps
Iron	54-2	472	450	406	443	7.67	cps
Iron	56-2	3839	3828	3901	3856	1.01	cps
Iron	57-2	122	117	128	122	4.54	cps
Krypton	83-1	1823	1937	1867	1876	3.05	cps
Lead	206-1	433	456	361	417	11.85	cps
Lead	207-1	328	356	317	333	6.01	cps
Lead	208-1	1678	1728	1500	1635	7.32	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:11:07	DataFile Name :	114CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1779834	1836181	1761860	1792625	2.16	cps
Magnesium	24-2	1008	833	825	889	11.65	cps
Manganese	55-2	180	187	170	179	4.69	cps
Molybdenum	94-1	125	83	108	106	19.86	cps
Molybdenum	95-1	42	8	42	31	62.99	cps
Molybdenum	96-1	75	75	25	58	49.49	cps
Molybdenum	97-1	42	33	8	28	62.46	cps
Molybdenum	98-1	50	17	33	33	50.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	127	73	91	33.80	cps
Phosphorus	31-2	125	158	150	144	12.01	cps
Potassium	39-2	27477	27836	28228	27847	1.35	cps
Rhodium	103-1	3015206	3084302	3048787	3049432	1.13	cps
Rhodium	103-2	1628623	1602375	1610029	1613675	0.84	cps
Scandium	45-1	2294279	2333605	2357321	2328402	1.37	cps
Scandium	45-2	92196	90211	92163	91523	1.24	cps
Selenium	82-1	14	-69	-10	-22	-196.10	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	30	43	51	41	25.65	cps
Silicon	28-1	1203074	1195497	1180383	1192985	0.97	cps
Silver	109-1	233	192	167	197	17.08	cps
Silver	107-1	183	150	175	169	10.24	cps
Sodium	23-2	79366	79492	79533	79464	0.11	cps
Strontium	86-1	3167	3301	2917	3128	6.22	cps
Strontium	88-1	167	200	200	189	10.19	cps
Sulfur	34-1	522576	527937	532379	527631	0.93	cps
Terbium	159-1	3350010	3453530	3377752	3393764	1.58	cps
Terbium	159-2	1839887	1820921	1872994	1844601	1.43	cps
Thallium	203-1	92	117	50	86	39.11	cps
Thallium	205-1	108	167	175	150	24.22	cps
Tin	118-1	150	133	192	158	18.98	cps
Titanium	47-1	292	308	333	311	6.74	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	17	17	3	12	63.01	cps
Yttrium	89-1	5861371	5924330	5820208	5868636	0.89	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:11:07	DataFile Name :	114CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	727942	727541	735783	730422	0.64	cps
Zinc	66-2	160	133	107	133	20.00	cps
Zirconium	90-1	267	200	233	233	14.29	cps
Zirconium	91-1	83	25	58	56	52.68	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-19 Instrumnet Name : P8
 Client Sample ID : 49-MW029(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:13:58 DataFile Name : 115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531	520	601	551	7.99	cps
Antimony	121-1	1325	1575	1558	1486	9.41	cps
Arsenic	75-2	1217	1225	1142	1195	3.83	cps
Barium	135-1	99715	100606	100975	100432	0.64	cps
Barium	137-1	176738	175233	173193	175055	1.02	cps
Beryllium	9-1	150	168	126	148	14.24	cps
Bismuth	209-1	1904121	1891009	1886320	1893817	0.49	cps
Bismuth	209-2	1306068	1298671	1298533	1301091	0.33	cps
Boron	10-1	2928	3188	3408	3174	7.57	cps
Boron	11-1	13622	15313	15603	14846	7.21	cps
Bromine	81-1	54421	70276	76545	67081	17.00	cps
Cadmium	111-1	119	95	118	111	11.96	cps
Cadmium	106-1	1008	1025	1375	1136	18.22	cps
Cadmium	108-1	13	29	25	22	39.04	cps
Calcium	43-1	1314020	1322297	1305244	1313853	0.65	cps
Calcium	44-1	21820741	22192827	22147568	22053712	0.92	cps
Chromium	52-2	980	990	1040	1003	3.20	cps
Cobalt	59-2	2024	2067	1893	1995	4.52	cps
Copper	63-2	3402	3204	3360	3322	3.14	cps
Dysprosium	156-1	50	75	108	78	37.63	cps
Dysprosium	156-2	27	37	33	32	15.80	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	50	53	53	52	3.68	cps
Gadolinium	160-1	67	75	133	92	39.63	cps
Gadolinium	160-2	53	43	63	53	18.75	cps
Holmium	165-1	3361266	3323601	3355445	3346770	0.61	cps
Holmium	165-2	1917807	1916596	1902324	1912242	0.45	cps
Indium	115-1	3317508	3275359	3214771	3269213	1.58	cps
Indium	115-2	595434	596304	590220	593986	0.55	cps
Iron	54-2	26781	27560	26469	26937	2.09	cps
Iron	56-2	484897	480990	477189	481026	0.80	cps
Iron	57-2	12344	12361	12428	12378	0.36	cps
Krypton	83-1	1867	1720	1800	1796	4.09	cps
Lead	206-1	511	511	450	491	7.19	cps
Lead	207-1	367	361	333	354	5.05	cps
Lead	208-1	1856	1867	1661	1795	6.44	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-19 Instrumnet Name : P8
 Client Sample ID : 49-MW029(DOB)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:13:58 DataFile Name : 115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1876040	1870954	1824229	1857074	1.54	cps
Magnesium	24-2	2127680	2137462	2100667	2121936	0.90	cps
Manganese	55-2	956863	965062	941019	954315	1.28	cps
Molybdenum	94-1	3092	3559	3200	3284	7.44	cps
Molybdenum	95-1	4809	5351	5560	5240	7.39	cps
Molybdenum	96-1	5626	5660	5610	5632	0.45	cps
Molybdenum	97-1	3426	3225	3375	3342	3.12	cps
Molybdenum	98-1	8086	8386	8528	8333	2.71	cps
Neodymium	150-1	147	60	100	102	42.43	cps
Neodymium	150-2	27	43	23	31	34.44	cps
Nickel	60-2	1027	1183	1127	1112	7.13	cps
Phosphorus	31-2	175	158	117	150	20.03	cps
Potassium	39-2	493156	491943	489977	491692	0.33	cps
Rhodium	103-1	3068963	3161137	3070931	3100343	1.70	cps
Rhodium	103-2	1620058	1639092	1606839	1621996	1.00	cps
Scandium	45-1	2512506	2523499	2483182	2506396	0.83	cps
Scandium	45-2	97447	96410	97203	97020	0.56	cps
Selenium	82-1	31	149	98	93	64.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	53	47	53	51	6.80	cps
Silicon	28-1	8272904	8375791	8300411	8316369	0.64	cps
Silver	109-1	242	75	217	178	50.56	cps
Silver	107-1	150	117	200	156	26.96	cps
Sodium	23-2	61682737	61232614	61036643	61317331	0.54	cps
Strontium	86-1	857966	881562	873208	870912	1.37	cps
Strontium	88-1	7328358	7504211	7322925	7385165	1.40	cps
Sulfur	34-1	603343	599782	609056	604060	0.77	cps
Terbium	159-1	3594045	3625834	3547942	3589274	1.09	cps
Terbium	159-2	1923360	1933001	1899470	1918610	0.90	cps
Thallium	203-1	83	108	117	103	16.88	cps
Thallium	205-1	183	158	175	172	7.39	cps
Tin	118-1	208	117	208	178	29.77	cps
Titanium	47-1	533	442	400	458	14.88	cps
Uranium	238-1	92704	91042	93745	92497	1.47	cps
Vanadium	51-2	977	993	893	954	5.61	cps
Yttrium	89-1	6098609	6224493	6102873	6141992	1.16	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-19	Instrumnet Name :	P8
Client Sample ID :	49-MW029(DOB)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:13:58	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770892	767743	761576	766737	0.62	cps
Zinc	66-2	893	877	903	891	1.51	cps
Zirconium	90-1	675	608	858	714	18.14	cps
Zirconium	91-1	192	142	200	178	17.75	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-20 Instrumnet Name : P8
 Client Sample ID : 49-MW003(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:16:49 DataFile Name : 116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1232	1215	1274	1240	2.43	cps
Antimony	121-1	150	208	250	203	24.77	cps
Arsenic	75-2	1918	1941	1950	1937	0.85	cps
Barium	135-1	74496	76382	77598	76158	2.05	cps
Barium	137-1	129212	132015	133850	131692	1.77	cps
Beryllium	9-1	184	176	168	176	4.55	cps
Bismuth	209-1	1923094	1937019	1971506	1943873	1.28	cps
Bismuth	209-2	1355012	1376428	1327036	1352825	1.83	cps
Boron	10-1	1752	1788	1854	1798	2.88	cps
Boron	11-1	8435	8995	8771	8734	3.23	cps
Bromine	81-1	41253	46705	48945	45634	8.67	cps
Cadmium	111-1	88	88	78	85	7.25	cps
Cadmium	106-1	1208	1133	1350	1231	8.94	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	680452	691962	685724	686046	0.84	cps
Calcium	44-1	11338416	11693452	11578319	11536729	1.57	cps
Chromium	52-2	1007	1063	1077	1049	3.54	cps
Cobalt	59-2	107	97	110	104	6.64	cps
Copper	63-2	1513	1417	1407	1446	4.07	cps
Dysprosium	156-1	50	33	58	47	26.96	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	43	47	23	38	33.41	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	33	63	37	44	36.99	cps
Holmium	165-1	3300118	3436884	3379305	3372103	2.04	cps
Holmium	165-2	1970661	1946070	1902078	1939603	1.79	cps
Indium	115-1	3248604	3345983	3369542	3321376	1.93	cps
Indium	115-2	609162	621876	605097	612045	1.43	cps
Iron	54-2	58576	58927	57934	58479	0.86	cps
Iron	56-2	1063506	1048253	1054575	1055445	0.73	cps
Iron	57-2	26408	26480	26681	26523	0.53	cps
Krypton	83-1	1880	1897	1827	1868	1.96	cps
Lead	206-1	517	500	511	509	1.67	cps
Lead	207-1	478	383	339	400	17.73	cps
Lead	208-1	2067	1995	1806	1956	6.89	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-20	Instrumnet Name :	P8
Client Sample ID :	49-MW003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:16:49	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1855850	1874230	1914932	1881671	1.61	cps
Magnesium	24-2	2017508	1976462	1989831	1994600	1.05	cps
Manganese	55-2	211538	210548	211440	211175	0.26	cps
Molybdenum	94-1	1192	1125	867	1061	16.18	cps
Molybdenum	95-1	1633	2159	1825	1872	14.19	cps
Molybdenum	96-1	2034	1834	1800	1889	6.68	cps
Molybdenum	97-1	925	917	1192	1011	15.47	cps
Molybdenum	98-1	2725	2500	2767	2664	5.39	cps
Neodymium	150-1	47	27	53	42	32.86	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	273	213	163	217	25.42	cps
Phosphorus	31-2	92	183	158	144	32.81	cps
Potassium	39-2	456535	451443	453443	453807	0.57	cps
Rhodium	103-1	3088494	3195770	3193140	3159134	1.94	cps
Rhodium	103-2	1706128	1735318	1668059	1703168	1.98	cps
Scandium	45-1	2426976	2502657	2500272	2476635	1.74	cps
Scandium	45-2	98273	100475	96106	98284	2.22	cps
Selenium	82-1	31	-50	-18	-12	-333.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	45	44	43	4.80	cps
Silicon	28-1	14756026	14798538	14719228	14757931	0.27	cps
Silver	109-1	183	167	192	181	7.05	cps
Silver	107-1	275	208	317	267	20.49	cps
Sodium	23-2	14242372	14041002	14243749	14175708	0.82	cps
Strontium	86-1	515456	526909	528032	523466	1.33	cps
Strontium	88-1	4427590	4469287	4356749	4417875	1.29	cps
Sulfur	34-1	632137	633449	626003	630530	0.63	cps
Terbium	159-1	3538652	3628853	3622148	3596551	1.40	cps
Terbium	159-2	1952831	1954019	1937893	1948248	0.46	cps
Thallium	203-1	42	33	25	33	25.01	cps
Thallium	205-1	75	83	75	78	6.19	cps
Tin	118-1	225	158	183	189	17.83	cps
Titanium	47-1	1042	967	975	995	4.13	cps
Uranium	238-1	1483	1200	1400	1361	10.70	cps
Vanadium	51-2	110	120	127	119	7.06	cps
Yttrium	89-1	6125669	6287419	6223477	6212188	1.31	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-20	Instrumnet Name :	P8
Client Sample ID :	49-MW003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:16:49	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	790016	792208	776130	786118	1.11	cps
Zinc	66-2	2420	2500	2384	2435	2.45	cps
Zirconium	90-1	392	300	400	364	15.25	cps
Zirconium	91-1	42	58	142	81	66.51	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-21 Instrumnet Name : P8
 Client Sample ID : 49-PZ003(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:19:37 DataFile Name : 117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1534	1492	1527	1518	1.46	cps
Antimony	121-1	208	358	242	269	29.23	cps
Arsenic	75-2	183	231	216	210	11.69	cps
Barium	135-1	58962	58779	58703	58814	0.23	cps
Barium	137-1	100078	102076	101773	101309	1.06	cps
Beryllium	9-1	130	152	166	149	12.15	cps
Bismuth	209-1	1786041	1920369	1848844	1851752	3.63	cps
Bismuth	209-2	1286642	1284856	1289387	1286962	0.18	cps
Boron	10-1	2900	2910	3140	2983	4.55	cps
Boron	11-1	13696	14522	15235	14484	5.32	cps
Bromine	81-1	57255	69049	77058	67787	14.70	cps
Cadmium	111-1	1273	1142	1192	1202	5.49	cps
Cadmium	106-1	1033	1267	1392	1231	14.78	cps
Cadmium	108-1	104	67	75	82	24.03	cps
Calcium	43-1	548099	549554	552647	550100	0.42	cps
Calcium	44-1	9218868	9341116	9298873	9286286	0.67	cps
Chromium	52-2	923	1010	950	961	4.62	cps
Cobalt	59-2	347	400	353	367	7.92	cps
Copper	63-2	1616	1684	1789	1696	5.14	cps
Dysprosium	156-1	108	142	83	111	26.34	cps
Dysprosium	156-2	63	67	63	64	2.99	cps
Erbium	164-1	92	117	42	83	45.82	cps
Erbium	164-2	57	63	47	56	15.09	cps
Gadolinium	160-1	75	92	125	97	26.19	cps
Gadolinium	160-2	80	60	50	63	24.12	cps
Holmium	165-1	3199125	3433533	3381918	3338192	3.69	cps
Holmium	165-2	1911047	1885527	1870575	1889050	1.08	cps
Indium	115-1	3065650	3256997	3257927	3193525	3.47	cps
Indium	115-2	592191	597049	593254	594165	0.43	cps
Iron	54-2	3867	4151	4117	4045	3.83	cps
Iron	56-2	73098	73979	72360	73146	1.11	cps
Iron	57-2	1917	1911	1789	1872	3.86	cps
Krypton	83-1	1777	1867	1770	1805	2.99	cps
Lead	206-1	467	428	383	426	9.79	cps
Lead	207-1	306	333	300	313	5.71	cps
Lead	208-1	1706	1550	1500	1585	6.76	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-21	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:19:37	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1787032	1817010	1835941	1813328	1.36	cps
Magnesium	24-2	941451	939471	920426	933783	1.24	cps
Manganese	55-2	38315	37616	37302	37744	1.37	cps
Molybdenum	94-1	500	550	508	519	5.16	cps
Molybdenum	95-1	608	633	650	631	3.33	cps
Molybdenum	96-1	667	667	617	650	4.44	cps
Molybdenum	97-1	400	350	308	353	13.01	cps
Molybdenum	98-1	1100	1042	1192	1111	6.81	cps
Neodymium	150-1	180	187	207	191	7.26	cps
Neodymium	150-2	90	80	63	78	17.32	cps
Nickel	60-2	2127	2060	2064	2084	1.80	cps
Phosphorus	31-2	100	167	208	158	34.51	cps
Potassium	39-2	540674	544326	537934	540978	0.59	cps
Rhodium	103-1	2888534	3152686	3068759	3036660	4.44	cps
Rhodium	103-2	1594516	1583118	1593709	1590448	0.40	cps
Scandium	45-1	2365008	2511892	2468506	2448469	3.08	cps
Scandium	45-2	96082	96451	94894	95809	0.85	cps
Selenium	82-1	27	-58	132	34	282.16	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	50	44	41	45	10.19	cps
Silicon	28-1	7970687	7991003	8045476	8002389	0.48	cps
Silver	109-1	200	275	333	269	24.81	cps
Silver	107-1	258	350	417	342	23.27	cps
Sodium	23-2	112963640	112404498	113099786	112822641	0.33	cps
Strontium	86-1	435622	437489	429251	434121	0.99	cps
Strontium	88-1	3651259	3728221	3620510	3666664	1.51	cps
Sulfur	34-1	648636	644729	644444	645936	0.36	cps
Terbium	159-1	3338227	3621353	3646347	3535309	4.84	cps
Terbium	159-2	1895081	1890318	1868608	1884669	0.75	cps
Thallium	203-1	125	100	83	103	20.40	cps
Thallium	205-1	175	192	233	200	15.02	cps
Tin	118-1	175	167	233	192	18.95	cps
Titanium	47-1	1033	1075	1350	1153	14.93	cps
Uranium	238-1	2167	2234	2025	2142	4.97	cps
Vanadium	51-2	137	150	137	141	5.45	cps
Yttrium	89-1	5716381	6210390	6164208	6030326	4.52	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-21	Instrumnet Name :	P8
Client Sample ID :	49-PZ003(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:19:37	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	766779	769820	757817	764805	0.82	cps
Zinc	66-2	69275	69158	69954	69462	0.62	cps
Zirconium	90-1	333	342	308	328	5.29	cps
Zirconium	91-1	67	108	42	72	46.63	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-22 Instrumnet Name : P8
 Client Sample ID : 49-MW007(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:22:29 DataFile Name : 118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	939	931	946	2.02	cps
Antimony	121-1	358	450	467	425	13.73	cps
Arsenic	75-2	9184	9086	9201	9157	0.68	cps
Barium	135-1	84236	85109	89269	86204	3.12	cps
Barium	137-1	142866	148644	147010	146174	2.04	cps
Beryllium	9-1	186	150	156	164	11.76	cps
Bismuth	209-1	1868794	1875104	1938059	1893986	2.02	cps
Bismuth	209-2	1261976	1281185	1344284	1295815	3.32	cps
Boron	10-1	4614	4914	5020	4849	4.34	cps
Boron	11-1	21928	23790	24836	23518	6.26	cps
Bromine	81-1	119982	140894	157828	139568	13.58	cps
Cadmium	111-1	167	149	136	151	10.26	cps
Cadmium	106-1	1542	1167	1475	1395	14.35	cps
Cadmium	108-1	8	46	21	25	76.39	cps
Calcium	43-1	1354901	1367180	1389146	1370409	1.27	cps
Calcium	44-1	22468900	22532700	22683947	22561849	0.49	cps
Chromium	52-2	1217	1107	1023	1116	8.69	cps
Cobalt	59-2	660	620	730	670	8.31	cps
Copper	63-2	1146	1410	1350	1302	10.65	cps
Dysprosium	156-1	117	117	175	136	24.75	cps
Dysprosium	156-2	53	40	83	59	37.69	cps
Erbium	164-1	142	125	108	125	13.33	cps
Erbium	164-2	70	53	110	78	37.45	cps
Gadolinium	160-1	158	142	133	144	8.81	cps
Gadolinium	160-2	103	123	93	107	14.32	cps
Holmium	165-1	3445066	3390136	3529245	3454816	2.03	cps
Holmium	165-2	1899014	1944944	2055805	1966587	4.10	cps
Indium	115-1	3324211	3325950	3374878	3341679	0.86	cps
Indium	115-2	580684	594494	626589	600589	3.92	cps
Iron	54-2	876475	874232	848859	866522	1.77	cps
Iron	56-2	16404975	16275830	15587337	16089381	2.73	cps
Iron	57-2	400733	401635	384885	395751	2.38	cps
Krypton	83-1	1913	1947	1770	1877	5.00	cps
Lead	206-1	328	267	378	324	17.17	cps
Lead	207-1	294	278	328	300	8.49	cps
Lead	208-1	1261	1139	1345	1248	8.28	cps

LB Number : LB112410 Operator : Jaswal
 Lab Sample ID : L5094-22 Instrumnet Name : P8
 Client Sample ID : 49-MW007(SBR)-121320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-16 20:22:29 DataFile Name : 118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1869123	1903979	1979735	1917612	2.95	cps
Magnesium	24-2	521475	516868	495745	511363	2.68	cps
Manganese	55-2	2075490	2073830	1988466	2045929	2.43	cps
Molybdenum	94-1	3859	3567	3584	3670	4.46	cps
Molybdenum	95-1	4809	5243	5218	5090	4.78	cps
Molybdenum	96-1	5501	5785	5493	5593	2.97	cps
Molybdenum	97-1	3075	3117	3209	3134	2.18	cps
Molybdenum	98-1	8361	7869	8520	8250	4.11	cps
Neodymium	150-1	187	140	160	162	14.43	cps
Neodymium	150-2	83	57	60	67	21.79	cps
Nickel	60-2	883	957	1030	957	7.67	cps
Phosphorus	31-2	300	258	167	242	28.23	cps
Potassium	39-2	897487	898966	864666	887040	2.19	cps
Rhodium	103-1	3137669	3121956	3195210	3151612	1.22	cps
Rhodium	103-2	1543869	1588262	1691250	1607794	4.70	cps
Scandium	45-1	2565574	2533446	2602724	2567248	1.35	cps
Scandium	45-2	94378	95423	101337	97046	3.87	cps
Selenium	82-1	-13	-113	93	-11	-917.39	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	57	48	58	54	10.13	cps
Silicon	28-1	8330973	8557820	8494303	8461032	1.38	cps
Silver	109-1	500	442	525	489	8.75	cps
Silver	107-1	517	633	525	558	11.66	cps
Sodium	23-2	154619074	155126478	148850407	152865320	2.28	cps
Strontium	86-1	1248546	1265898	1281967	1265470	1.32	cps
Strontium	88-1	10595412	10754409	10997062	10782295	1.88	cps
Sulfur	34-1	613301	611107	615542	613317	0.36	cps
Terbium	159-1	3669209	3598888	3683450	3650516	1.24	cps
Terbium	159-2	1888473	1905500	1986964	1926979	2.73	cps
Thallium	203-1	17	25	42	28	45.82	cps
Thallium	205-1	108	67	33	69	54.12	cps
Tin	118-1	317	325	392	344	11.93	cps
Titanium	47-1	900	992	900	931	5.69	cps
Uranium	238-1	1092	1200	1217	1170	5.80	cps
Vanadium	51-2	550	510	590	550	7.27	cps
Yttrium	89-1	6324253	6258670	6386080	6323001	1.01	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	L5094-22	Instrumnet Name :	P8
Client Sample ID :	49-MW007(SBR)-121320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:22:29	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745819	761617	801693	769709	3.74	cps
Zinc	66-2	687	610	620	639	6.52	cps
Zirconium	90-1	2525	2417	2575	2506	3.23	cps
Zirconium	91-1	517	542	517	525	2.75	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	966356	949336	949645	955112	1.02	cps
Antimony	121-1	1248488	1296150	1294249	1279629	2.11	cps
Arsenic	75-2	53586	52934	52702	53074	0.86	cps
Barium	135-1	1322573	1364534	1367923	1351677	1.87	cps
Barium	137-1	2284851	2340068	2327748	2317556	1.25	cps
Beryllium	9-1	403911	415901	409593	409802	1.46	cps
Bismuth	209-1	1874245	1827522	1831749	1844505	1.40	cps
Bismuth	209-2	1242501	1240589	1254649	1245913	0.61	cps
Boron	10-1	30600	34113	35632	33448	7.72	cps
Boron	11-1	143843	162543	170152	158846	8.52	cps
Bromine	81-1	34648	31909	31086	32548	5.73	cps
Cadmium	111-1	270615	276584	280864	276021	1.86	cps
Cadmium	106-1	30910	30785	31445	31047	1.13	cps
Cadmium	108-1	20595	22347	20953	21299	4.35	cps
Calcium	43-1	1850433	1906399	1891985	1882939	1.54	cps
Calcium	44-1	30915008	31681483	31278300	31291597	1.23	cps
Chromium	52-2	424908	420095	418338	421114	0.81	cps
Cobalt	59-2	721979	711495	716257	716577	0.73	cps
Copper	63-2	5066303	5020374	4993070	5026582	0.74	cps
Dysprosium	156-1	83	83	83	83	0.00	cps
Dysprosium	156-2	57	63	60	60	5.55	cps
Erbium	164-1	17	58	25	33	66.13	cps
Erbium	164-2	7	27	13	16	65.47	cps
Gadolinium	160-1	83	133	100	106	24.12	cps
Gadolinium	160-2	53	60	60	58	6.67	cps
Holmium	165-1	3245279	3312409	3264832	3274173	1.05	cps
Holmium	165-2	1808854	1826840	1827151	1820948	0.58	cps
Indium	115-1	3208012	3193906	3131844	3177920	1.28	cps
Indium	115-2	573510	570496	570820	571609	0.29	cps
Iron	54-2	4266780	4240009	4181152	4229314	1.04	cps
Iron	56-2	77304105	75948135	75335699	76195979	1.32	cps
Iron	57-2	1942095	1921703	1907294	1923697	0.91	cps
Krypton	83-1	1860	1887	1753	1833	3.85	cps
Lead	206-1	3459855	3488411	3494410	3480892	0.53	cps
Lead	207-1	3092058	3200261	3095908	3129409	1.96	cps
Lead	208-1	13872715	14090167	14067677	14010186	0.85	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1856485	1862747	1831573	1850268	0.89	cps
Magnesium	24-2	14772275	14701231	14599876	14691127	0.59	cps
Manganese	55-2	2072354	2064112	2020869	2052445	1.35	cps
Molybdenum	94-1	2513752	2609060	2571586	2564799	1.87	cps
Molybdenum	95-1	3076851	3211220	3121464	3136512	2.18	cps
Molybdenum	96-1	3400605	3551202	3480488	3477432	2.17	cps
Molybdenum	97-1	1919045	1990652	1968848	1959515	1.87	cps
Molybdenum	98-1	4879412	5008162	5042330	4976635	1.73	cps
Neodymium	150-1	73	53	80	69	20.15	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	193470	188313	188698	190160	1.51	cps
Phosphorus	31-2	13874	13648	13290	13604	2.16	cps
Potassium	39-2	5986591	5814579	5857911	5886361	1.52	cps
Rhodium	103-1	3055456	3018599	3052113	3042056	0.67	cps
Rhodium	103-2	1522049	1540218	1557033	1539766	1.14	cps
Scandium	45-1	2433337	2452910	2423921	2436723	0.61	cps
Scandium	45-2	92327	92918	92354	92533	0.36	cps
Selenium	82-1	20718	20932	20975	20875	0.66	cps
Selenium	77-2	647	827	747	740	12.19	cps
Selenium	78-2	2423	2467	2464	2452	1.00	cps
Silicon	28-1	2355054	2519320	2679270	2517881	6.44	cps
Silver	109-1	1347610	1378083	1364311	1363335	1.12	cps
Silver	107-1	1406611	1462991	1457852	1442485	2.16	cps
Sodium	23-2	29067784	28466646	28594904	28709778	1.10	cps
Strontium	86-1	422233	429401	425251	425628	0.85	cps
Strontium	88-1	3575852	3653861	3643012	3624242	1.17	cps
Sulfur	34-1	652099	654167	654876	653714	0.22	cps
Terbium	159-1	3522821	3483314	3430614	3478916	1.33	cps
Terbium	159-2	1849926	1852509	1811613	1838016	1.25	cps
Thallium	203-1	784622	812048	798770	798480	1.72	cps
Thallium	205-1	1853184	1962115	1876323	1897207	3.02	cps
Tin	118-1	907237	925535	923649	918807	1.10	cps
Titanium	47-1	987764	1007786	1000724	998758	1.02	cps
Uranium	238-1	2342705	2313564	2302409	2319559	0.90	cps
Vanadium	51-2	356432	351274	350334	352680	0.93	cps
Yttrium	89-1	5984549	6004508	5952767	5980608	0.44	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:25:17	DataFile Name :	119CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	746067	738691	738604	741121	0.58	cps
Zinc	66-2	690877	681399	685317	685865	0.69	cps
Zirconium	90-1	2162040	2187340	2150442	2166607	0.87	cps
Zirconium	91-1	483062	493923	481413	486133	1.40	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	432	422	425	1.56	cps
Antimony	121-1	442	600	492	511	15.84	cps
Arsenic	75-2	6	9	9	8	21.65	cps
Barium	135-1	92	67	150	103	41.61	cps
Barium	137-1	183	233	117	178	32.92	cps
Beryllium	9-1	382	306	280	323	16.43	cps
Bismuth	209-1	1831805	1831900	1829351	1831019	0.08	cps
Bismuth	209-2	1244542	1260871	1259284	1254899	0.72	cps
Boron	10-1	3756	3380	3188	3441	8.40	cps
Boron	11-1	17345	15607	14622	15858	8.69	cps
Bromine	81-1	13520	12679	11957	12719	6.15	cps
Cadmium	111-1	77	86	90	84	7.81	cps
Cadmium	106-1	1008	1300	1167	1158	12.60	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	345	334	304	327	6.51	cps
Calcium	44-1	18560	18197	17618	18125	2.62	cps
Chromium	52-2	773	827	757	786	4.65	cps
Cobalt	59-2	100	83	87	90	9.80	cps
Copper	63-2	1707	1507	1587	1601	6.27	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	0	0	4	173.21	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	3135022	3200873	3180437	3172111	1.06	cps
Holmium	165-2	1795804	1776073	1795244	1789040	0.63	cps
Indium	115-1	3189541	3086571	3079614	3118575	1.97	cps
Indium	115-2	562531	560466	564328	562442	0.34	cps
Iron	54-2	622	511	644	593	12.05	cps
Iron	56-2	6302	6435	6146	6294	2.30	cps
Iron	57-2	189	200	194	194	2.86	cps
Krypton	83-1	1880	1797	1837	1838	2.27	cps
Lead	206-1	606	517	461	528	13.81	cps
Lead	207-1	417	439	406	420	4.04	cps
Lead	208-1	2267	1950	1811	2009	11.62	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1826975	1786751	1804955	1806227	1.12	cps
Magnesium	24-2	1133	1208	1183	1175	3.25	cps
Manganese	55-2	340	310	320	323	4.72	cps
Molybdenum	94-1	317	200	292	269	22.80	cps
Molybdenum	95-1	408	333	267	336	21.09	cps
Molybdenum	96-1	525	308	300	378	33.77	cps
Molybdenum	97-1	225	183	158	189	17.83	cps
Molybdenum	98-1	575	400	333	436	28.62	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	77	93	82	11.70	cps
Phosphorus	31-2	117	108	100	108	7.69	cps
Potassium	39-2	29840	29731	30533	30035	1.45	cps
Rhodium	103-1	2986478	2934774	3028730	2983327	1.58	cps
Rhodium	103-2	1574621	1577918	1588287	1580275	0.45	cps
Scandium	45-1	2364757	2327565	2313210	2335177	1.14	cps
Scandium	45-2	88010	88386	89678	88691	0.99	cps
Selenium	82-1	-1	145	107	84	90.65	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	57	48	50	52	9.14	cps
Silicon	28-1	1267044	1219960	1217655	1234886	2.26	cps
Silver	109-1	500	533	533	522	3.68	cps
Silver	107-1	575	533	400	503	18.18	cps
Sodium	23-2	116438	115513	112298	114749	1.89	cps
Strontium	86-1	2784	3125	3067	2992	6.11	cps
Strontium	88-1	642	483	325	483	32.76	cps
Sulfur	34-1	516576	517569	518617	517587	0.20	cps
Terbium	159-1	3435422	3343450	3325829	3368234	1.75	cps
Terbium	159-2	1756893	1770241	1757668	1761601	0.43	cps
Thallium	203-1	217	183	125	175	26.51	cps
Thallium	205-1	467	617	467	517	16.76	cps
Tin	118-1	292	258	275	275	6.06	cps
Titanium	47-1	375	475	367	406	14.86	cps
Uranium	238-1	233	92	108	144	53.60	cps
Vanadium	51-2	27	37	17	27	37.50	cps
Yttrium	89-1	5813763	5768467	5830703	5804311	0.55	cps

LB Number :	LB112410	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-12-16 20:28:07	DataFile Name :	120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	718957	714583	714887	716143	0.34	cps
Zinc	66-2	193	163	220	192	14.75	cps
Zirconium	90-1	342	283	308	311	9.41	cps
Zirconium	91-1	58	83	100	81	26.04	cps