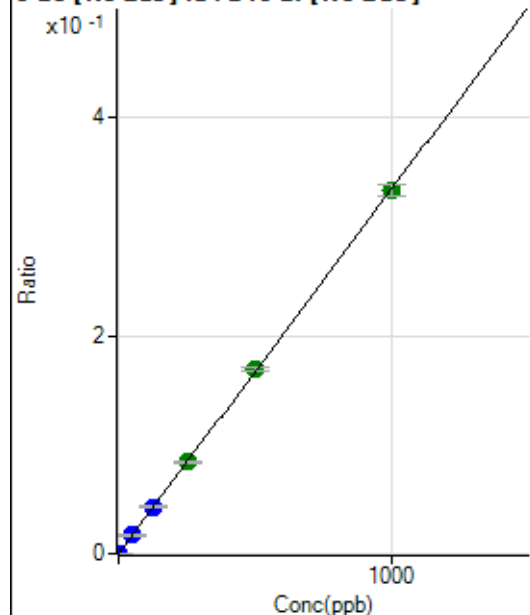


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8083021-MS.b\
Analysis File: P8083021-MS.batch.bin
DA Date-Time: 2021-08-30 17:17:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S0	2021-08-30 13:29:58
2	004CALS.d	S02	2021-08-30 13:33:03
3	005CALS.d	S03	2021-08-30 13:36:06
4	006CALS.d	S04	2021-08-30 13:39:12
5	007CALS.d	S05	2021-08-30 13:42:15
6	008CALS.d	S06	2021-08-30 13:45:20
7	009CALS.d	S07	2021-08-30 13:48:23
8	010CALS.d	S08	2021-08-30 13:51:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.32	0.0000	P	20.0
2	☐	1.000	1.037	4138.44	0.0004	P	2.0
3	☐	50.000	50.540	201038.42	0.0169	P	2.5
4	☐	125.000	129.079	503171.05	0.0432	P	1.6
5	☐	250.000	252.845	1012177.76	0.0845	A	2.0
6	☐	500.000	506.460	2026573.41	0.1693	A	2.3
7	☐	1000.000	995.522	3776281.37	0.3328	A	3.1
8	☐			401.93	0.0000	P	8.6

$$y = 3.3432\text{E-}004 * x + 5.4640\text{E-}006$$

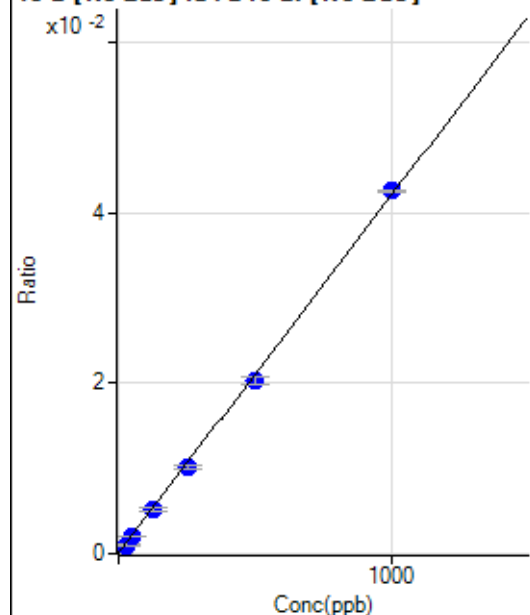
$$R = 1.0000$$

$$DL = 0.009814$$

$$BEC = 0.01634$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	997.84	0.0001	P	3.5
2	☐	25.000	21.816	11743.75	0.0010	P	6.1
3	☐	50.000	47.395	24646.43	0.0021	P	6.1
4	☐	125.000	122.308	60777.72	0.0052	P	6.9
5	☐	250.000	240.929	122039.94	0.0102	P	5.5
6	☐	500.000	481.784	242984.03	0.0203	P	5.0
7	☐	1000.000	1011.922	483132.41	0.0426	P	0.7
8	☐			43783.89	0.0041	P	11.1

$$y = 4.1970\text{E-}005 * x + 8.3314\text{E-}005$$

$$R = 0.9997$$

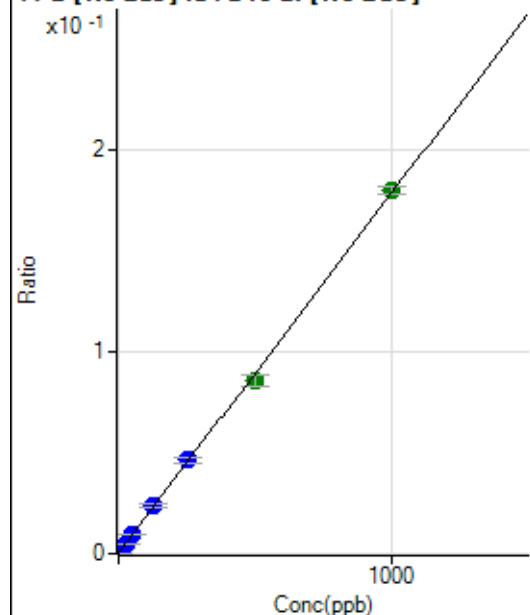
$$DL = 0.2068$$

$$BEC = 1.985$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4542.48	0.0004	P	2.6
2	☐	25.000	23.758	54301.28	0.0046	P	4.6
3	☐	50.000	50.756	112220.66	0.0094	P	5.9
4	☐	125.000	131.002	276841.70	0.0238	P	6.3
5	☐	250.000	259.147	558103.52	0.0466	P	6.3
6	☐	500.000	480.656	1031160.09	0.0862	A	6.3
7	☐	1000.000	1006.628	2044980.38	0.1800	A	2.1
8	☐			197575.61	0.0185	P	11.5

$$y = 1.7847E-004 * x + 3.7926E-004$$

$$R = 0.9997$$

$$DL = 0.1642$$

$$BEC = 2.125$$

Weight: <None>

Min Conc: 0

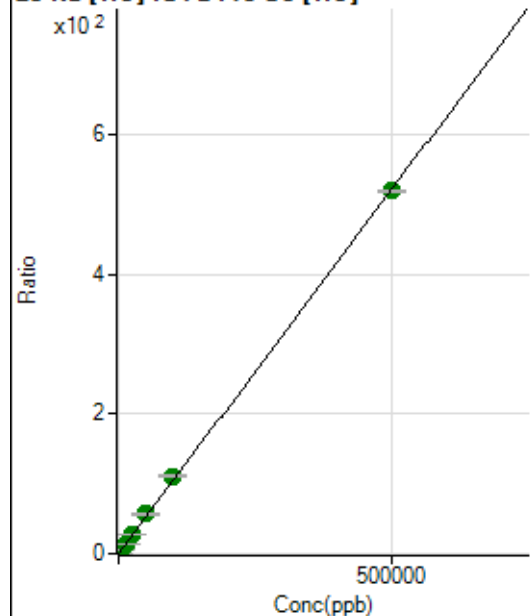
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6787385.83		A	0.8
2	☐			6903082.36		A	1.3
3	☐			7595054.77		A	0.8
4	☐			8145536.47		A	2.9
5	☐			9018699.86		A	2.3
6	☐			10550517.34		A	4.9
7	☐			12681137.17		A	6.4
8	☐			8385250.80		A	0.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69603.91		P	1.7
2	☐			71183.85		P	1.2
3	☐			80244.25		P	2.0
4	☐			89117.41		P	1.5
5	☐			98856.70		P	2.2
6	☐			120022.28		P	1.8
7	☐			150045.62		P	1.7
8	☐			94827.36		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24106.53	0.0528	P	2.9
2	☐	500.000	530.582	275886.17	0.6055	P	1.1
3	☐	5000.000	5400.408	2550269.13	5.6779	A	1.8
4	☐	12500.000	13309.569	6312560.73	13.9161	A	2.4
5	☐	25000.000	26518.376	12615698.72	27.6745	A	0.6
6	☐	50000.000	54165.253	25077602.47	56.4717	A	4.2
7	☐	100000.00	105818.96	50831095.58	110.2745	A	2.3
8	☐	500000.00	498319.48	242343533.2	519.1057	A	0.5

$$y = 0.0010 * x + 0.0528$$

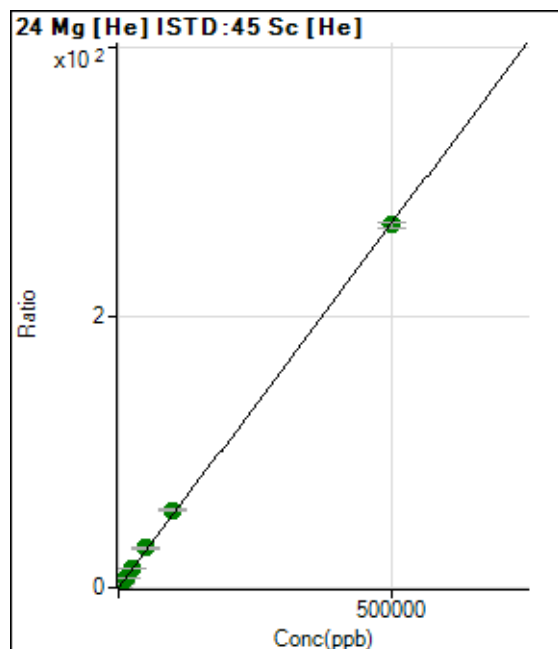
$$R = 0.9999$$

$$DL = 4.436$$

$$BEC = 50.7$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.35	0.0007	P	14.5
2	☐	500.000	516.446	127147.19	0.2790	P	0.8
3	☐	5000.000	5461.647	1322162.37	2.9438	A	0.3
4	☐	12500.000	13660.685	3339356.09	7.3619	A	2.4
5	☐	25000.000	27063.603	6648141.34	14.5841	A	1.2
6	☐	50000.000	54951.342	13145854.63	29.6115	A	5.2
7	☐	100000.00	106594.96	26476758.40	57.4399	A	2.4
8	☐	500000.00	498049.04	125273687.5	268.3769	A	1.9

$$y = 5.3885\text{E-}004 * x + 7.3036\text{E-}004$$

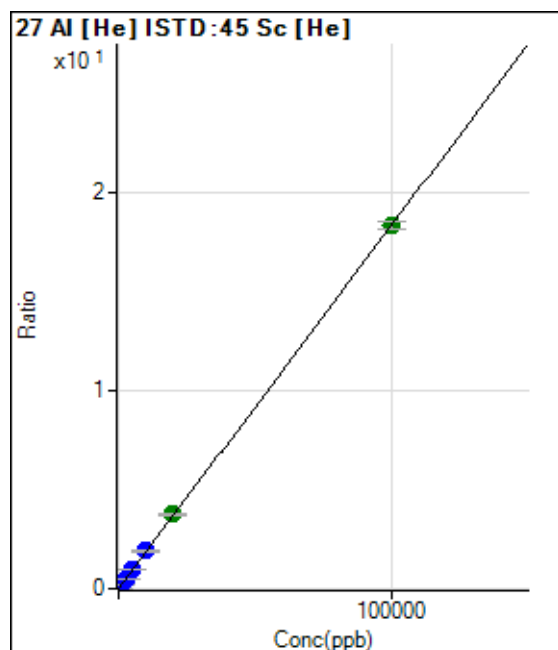
$$R = 0.9999$$

$$DL = 0.5916$$

$$BEC = 1.355$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	157.06	0.0003	P	13.5
2	☐	20.000	20.549	1878.23	0.0041	P	1.9
3	☐	1000.000	1042.301	86243.51	0.1920	P	1.2
4	☐	2500.000	2578.767	215287.26	0.4746	P	1.0
5	☐	5000.000	5115.523	428973.25	0.9410	P	1.2
6	☐	10000.000	10535.644	860261.84	1.9378	P	5.2
7	☐	20000.000	20448.482	1733487.70	3.7606	A	2.3
8	☐	100000.00	99848.571	8571838.74	18.3616	A	2.0

$$y = 1.8389\text{E-}004 * x + 3.4332\text{E-}004$$

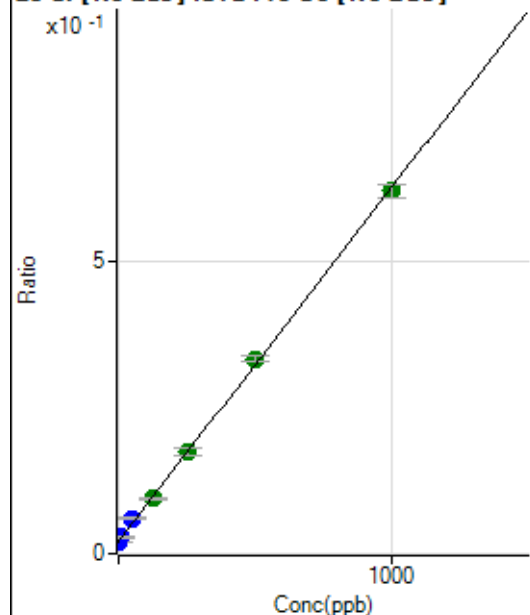
$$R = 1.0000$$

$$DL = 0.7588$$

$$BEC = 1.867$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	351481.62	0.0209	P	2.0
2	☐	10.000	11.942	450818.91	0.0282	P	2.8
3	☐	50.000	64.799	996061.64	0.0602	P	2.6
4	☐	125.000	120.855	1539432.85	0.0942	A	4.1
5	☐	250.000	253.466	2845179.79	0.1746	A	7.6
6	☐	500.000	516.213	5539883.85	0.3339	A	2.7
7	☐	1000.000	990.786	10253295.72	0.6216	A	3.8
8	☐			1044842.10	0.0653	P	1.8

$$y = 6.0625\text{E-}004 * x + 0.0209$$

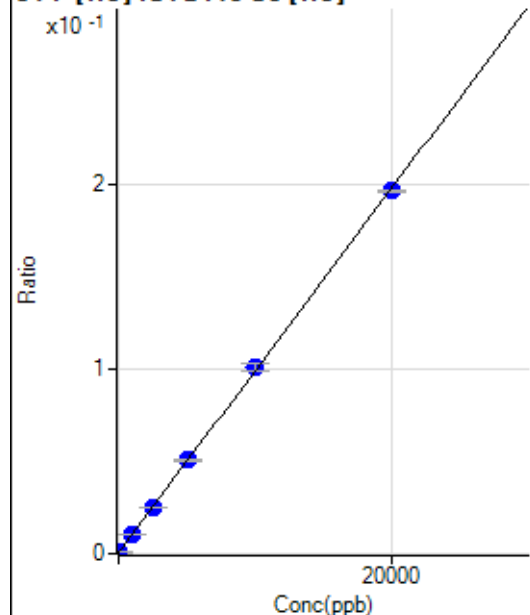
$$R = 0.9997$$

$$DL = 2.108$$

$$BEC = 34.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.913	177.78	0.0004	P	25.6
2	☐	0.000	8.913	258.34	0.0006	P	15.5
3	☐	1000.000	1020.582	4745.37	0.0106	P	4.2
4	☐	2500.000	2521.283	11524.32	0.0254	P	0.8
5	☐	5000.000	5072.827	23077.23	0.0506	P	2.0
6	☐	10000.000	10218.066	45062.48	0.1015	P	4.5
7	☐	20000.000	19869.071	90773.18	0.1969	P	0.3
8	☐			213.90	0.0005	P	20.5

$$y = 9.8849\text{E-}006 * x + 4.7851\text{E-}004$$

$$R = 0.9999$$

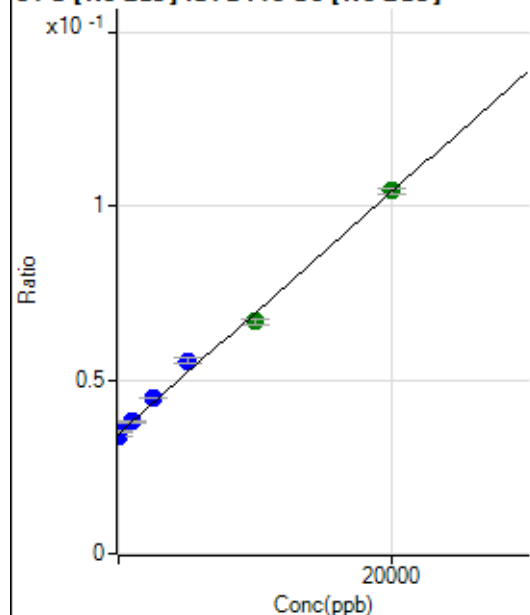
$$DL = 28.52$$

$$BEC = 48.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-218.347	568405.78	0.0338	P	1.1
2	☐	0.000	218.347	565997.77	0.0353	P	1.8
3	☐	1000.000	987.890	629177.89	0.0380	P	1.9
4	☐	2500.000	2906.419	730876.07	0.0447	P	0.4
5	☐	5000.000	6028.402	906512.67	0.0556	P	2.6
6	☐	10000.000	9241.554	1107618.19	0.0668	A	2.0
7	☐	20000.000	20071.926	1722767.79	0.1045	A	1.3
8	☐			464594.57	0.0290	P	1.9

$$y = 3.4829E-006 * x + 0.0346$$

R = 0.9972

DL = 425.9

BEC = 9929

Weight: <None>

Min Conc: 0

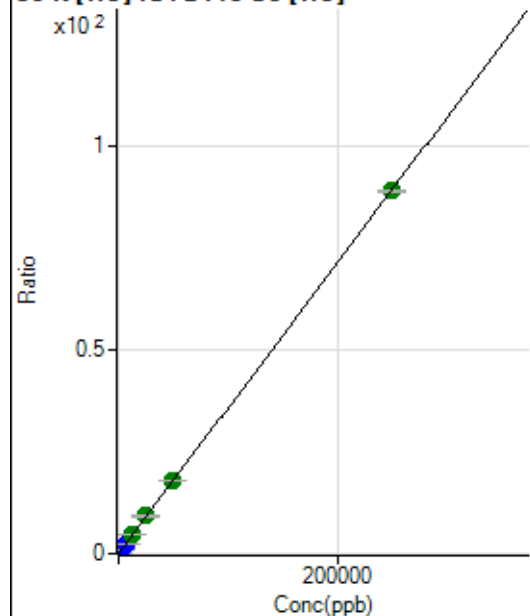
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			581606.25		P	0.8
2	☐			515163.52		P	0.7
3	☐			515152.97		P	0.5
4	☐			464248.81		P	1.7
5	☐			452032.34		P	0.4
6	☐			433928.07		P	0.2
7	☐			419257.58		P	0.5
8	☐			384513.50		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3414.38		P	9.4
2	☐			2953.16		P	6.8
3	☐			2894.81		P	5.5
4	☐			2875.36		P	8.8
5	☐			2675.33		P	9.9
6	☐			2750.35		P	3.5
7	☐			2616.97		P	5.4
8	☐			2539.18		P	12.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12597.50	0.0276	P	1.8
2	☐	500.000	496.534	93206.98	0.2045	P	0.5
3	☐	2500.000	2584.888	426163.87	0.9488	P	1.4
4	☐	6250.000	6412.393	1049267.35	2.3129	P	1.2
5	☐	12500.000	12831.894	2097258.66	4.6008	A	1.5
6	☐	25000.000	26122.714	4144263.81	9.3375	A	6.1
7	☐	50000.000	50294.267	8275581.18	17.9521	A	2.3
8	☐	250000.00	249807.37	41572908.22	89.0571	A	0.7

$$y = 3.5639E-004 * x + 0.0276$$

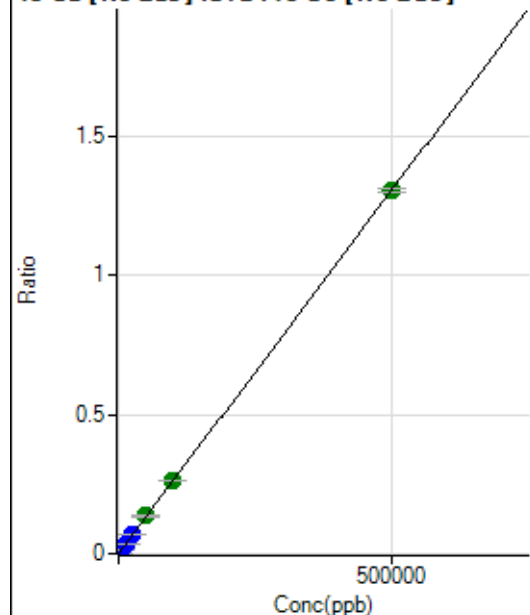
$$R = 1.0000$$

$$DL = 4.196$$

$$BEC = 77.41$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	504.12	0.0000	P	2.2
2	☐	500.000	485.874	20747.31	0.0013	P	2.6
3	☐	5000.000	5111.426	220816.99	0.0133	P	1.7
4	☐	12500.000	12864.275	548268.50	0.0335	P	1.9
5	☐	25000.000	25711.652	1092852.98	0.0670	P	2.9
6	☐	50000.000	51762.940	2237518.60	0.1349	A	1.8
7	☐	100000.00	101350.59	4353351.05	0.2640	A	1.1
8	☐	500000.00	499507.79	20817803.85	1.3012	A	1.0

$$y = 2.6048\text{E-}006 * x + 2.9995\text{E-}005$$

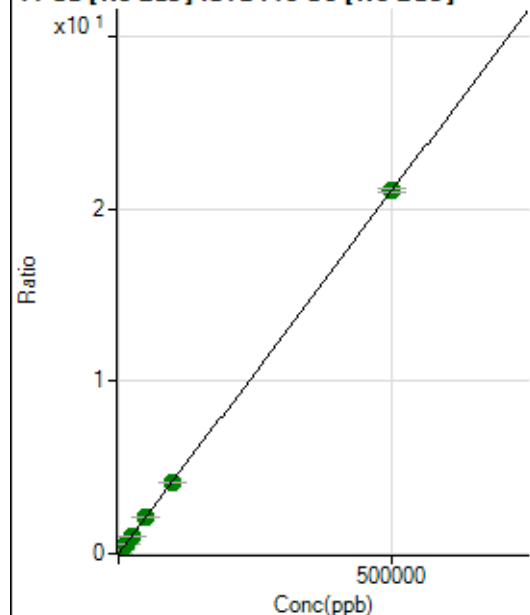
$$R = 1.0000$$

$$DL = 0.7755$$

$$BEC = 11.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31649.56	0.0019	P	0.8
2	☐	500.000	493.033	362382.44	0.0226	P	2.7
3	☐	5000.000	4990.393	3506220.27	0.2119	A	2.0
4	☐	12500.000	12434.669	8585137.70	0.5251	A	1.1
5	☐	25000.000	24884.473	17114364.27	1.0490	A	1.8
6	☐	50000.000	49281.435	34438039.88	2.0756	A	0.5
7	☐	100000.00	98361.596	68274062.52	4.1409	A	1.3
8	☐	500000.00	500407.05	336935656.9	21.0589	A	1.0

$$y = 4.2080\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

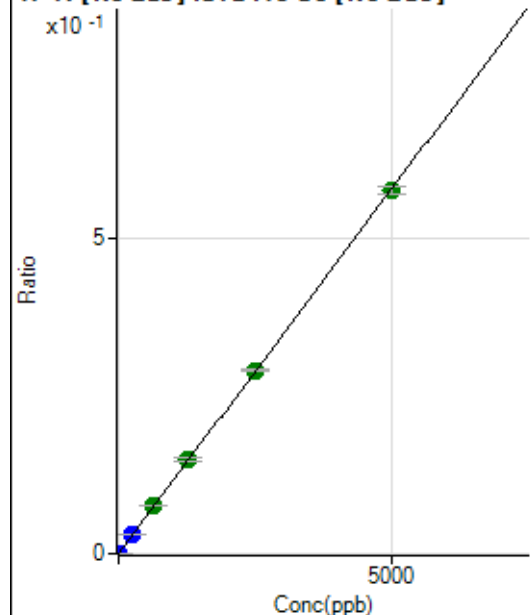
$$DL = 1.101$$

$$BEC = 44.75$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.34	0.0000	P	10.4
2	☐	5.000	5.124	9672.93	0.0006	P	2.9
3	☐	250.000	254.535	486545.85	0.0294	P	2.4
4	☐	625.000	653.439	1233678.57	0.0755	A	2.1
5	☐	1250.000	1289.542	2428454.65	0.1489	A	4.2
6	☐	2500.000	2518.747	4825090.86	0.2909	A	1.8
7	☐	5000.000	4976.959	9476208.63	0.5747	A	2.3
8	☐			3253.26	0.0002	P	0.4

$$y = 1.1547E-004 * x + 1.2395E-005$$

$$R = 0.9999$$

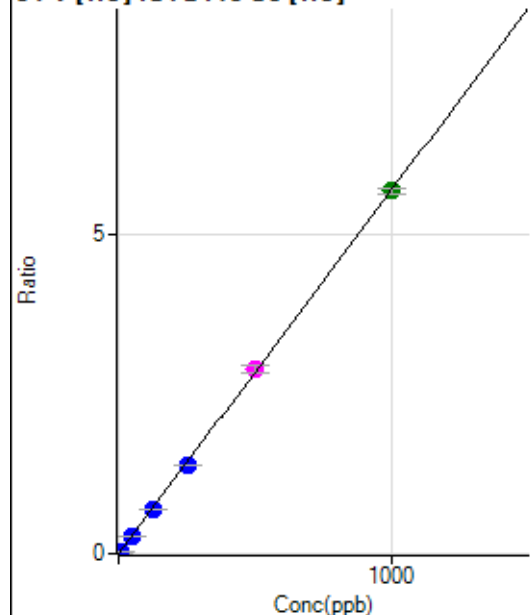
$$DL = 0.03361$$

$$BEC = 0.1073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0000	P	27.0
2	☐	5.000	4.851	12636.78	0.0277	P	3.1
3	☐	50.000	49.315	126456.85	0.2816	P	0.5
4	☐	125.000	123.179	319011.02	0.7032	P	1.2
5	☐	250.000	244.144	635338.18	1.3937	P	0.9
6	☐	500.000	507.699	1286975.44	2.8982	M	4.6
7	☐	1000.000	997.877	2625977.67	5.6964	A	1.9
8	☐			526.69	0.0011	P	12.1

$$y = 0.0057 * x + 4.1340E-005$$

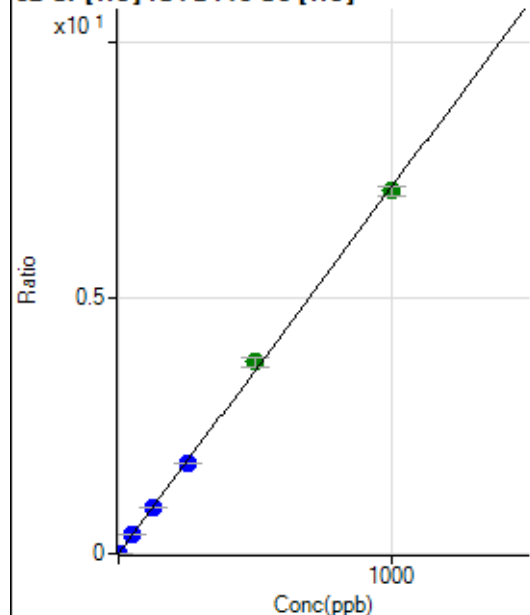
$$R = 0.9999$$

$$DL = 0.005868$$

$$BEC = 0.007242$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1004.49	0.0022	P	4.6
2	☐	2.000	1.981	7465.34	0.0164	P	1.7
3	☐	50.000	49.963	161629.88	0.3599	P	0.3
4	☐	125.000	123.971	403588.71	0.8897	P	1.5
5	☐	250.000	245.853	803304.83	1.7622	P	0.3
6	☐	500.000	522.846	1662582.09	3.7450	A	5.4
7	☐	1000.000	989.744	3266896.41	7.0874	A	2.5
8	☐			20928.73	0.0448	P	0.6

$$y = 0.0072 * x + 0.0022$$

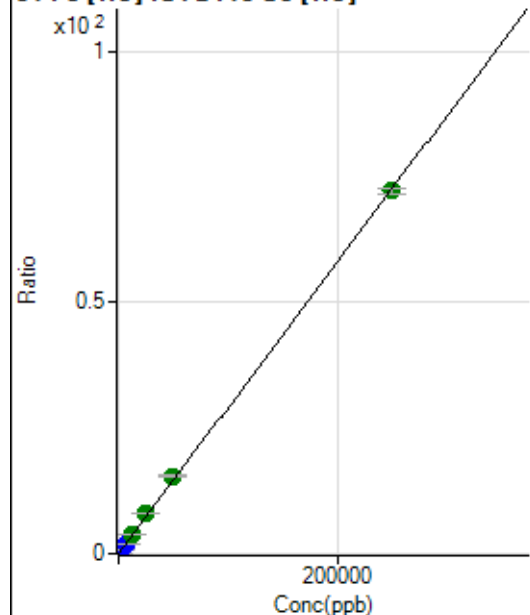
$$R = 0.9996$$

$$DL = 0.04227$$

$$BEC = 0.3074$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	377.79	0.0008	P	14.0
2	☐	50.000	54.882	7635.51	0.0168	P	3.1
3	☐	2500.000	2702.768	352720.40	0.7853	P	0.6
4	☐	6250.000	6777.670	892807.65	1.9681	P	1.3
5	☐	12500.000	13588.551	1798221.32	3.9449	A	2.4
6	☐	25000.000	27755.228	3578540.24	8.0569	A	3.6
7	☐	50000.000	53107.205	7106363.06	15.4153	A	2.3
8	☐	250000.00	249033.38	33740509.55	72.2834	A	1.9

$$y = 2.9025E-004 * x + 8.2889E-004$$

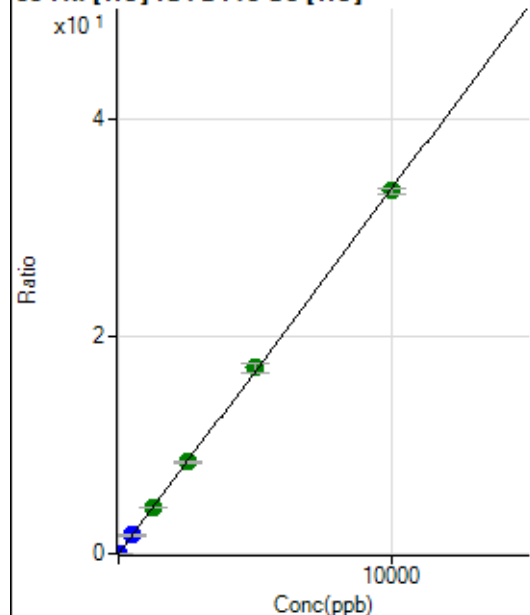
$$R = 0.9999$$

$$DL = 1.2$$

$$BEC = 2.856$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0003	P	35.0
2	☐	1.000	0.982	1614.56	0.0035	P	2.0
3	☐	500.000	500.861	753884.42	1.6785	P	0.7
4	☐	1250.000	1276.247	1940212.87	4.2767	A	1.4
5	☐	2500.000	2505.890	3827876.02	8.3970	A	2.6
6	☐	5000.000	5096.525	7582851.34	17.0776	A	4.6
7	☐	10000.000	9946.941	15364461.85	33.3303	A	1.8
8	☐			13908.00	0.0298	P	2.3

$$y = 0.0034 * x + 2.5173E-004$$

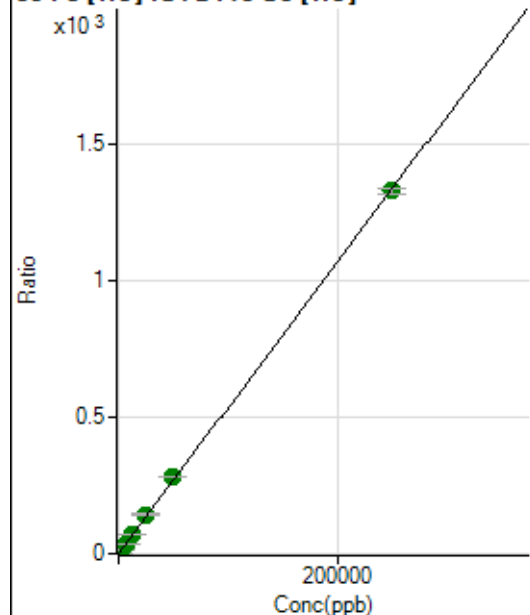
$$R = 0.9999$$

$$DL = 0.07894$$

$$BEC = 0.07512$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3985.81	0.0087	P	6.9
2	☐	50.000	53.075	133146.65	0.2922	P	0.0
3	☐	2500.000	2732.236	6557594.48	14.6007	A	0.5
4	☐	6250.000	6804.347	16492382.31	36.3484	A	1.9
5	☐	12500.000	13331.284	32460760.45	71.2065	A	1.8
6	☐	25000.000	27054.075	64168806.06	144.4952	A	4.1
7	☐	50000.000	52944.261	130367503.8	282.7658	A	0.5
8	☐	250000.00	249147.99	621175717.5	1,330.622	A	1.3

$$y = 0.0053 * x + 0.0087$$

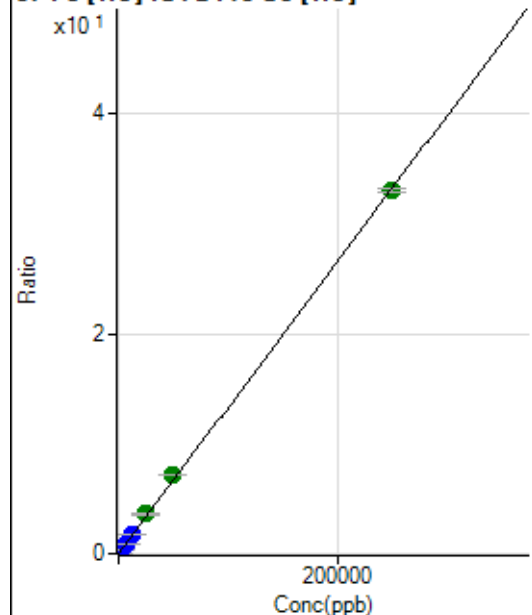
$$R = 0.9999$$

$$DL = 0.3381$$

$$BEC = 1.636$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.30	0.0002	P	14.6
2	☐	50.000	53.127	3302.29	0.0072	P	2.5
3	☐	2500.000	2659.824	158319.56	0.3525	P	0.4
4	☐	6250.000	6573.787	395096.67	0.8709	P	0.7
5	☐	12500.000	12978.968	783734.39	1.7192	P	1.1
6	☐	25000.000	27538.277	1619560.96	3.6475	A	4.7
7	☐	50000.000	54066.858	3302038.64	7.1611	A	0.7
8	☐	250000.00	248899.15	15388313.54	32.9659	A	1.1

$$y = 1.3245\text{E-}004 * x + 2.1114\text{E-}004$$

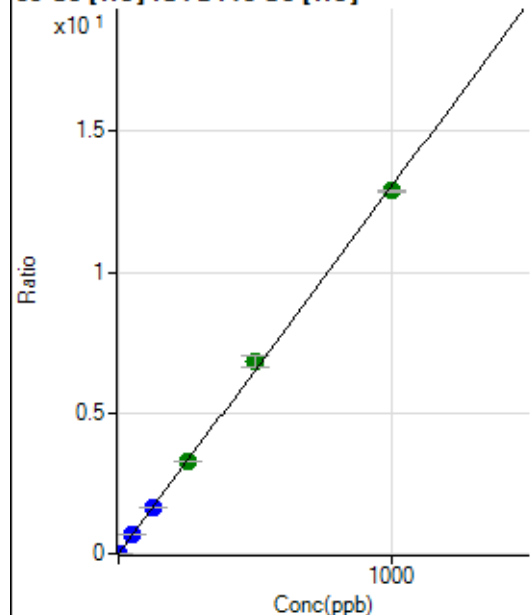
$$R = 0.9998$$

$$DL = 0.6994$$

$$BEC = 1.594$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0002	P	15.5
2	☐	1.000	0.997	6020.21	0.0132	P	2.2
3	☐	50.000	49.927	292530.50	0.6513	P	0.3
4	☐	125.000	126.065	745981.91	1.6443	P	0.5
5	☐	250.000	251.284	1493972.51	3.2773	A	1.5
6	☐	500.000	523.099	3028146.38	6.8222	A	5.8
7	☐	1000.000	988.000	5940444.08	12.8851	A	0.8
8	☐			8323.62	0.0178	P	2.2

$$y = 0.0130 * x + 2.0662\text{E-}004$$

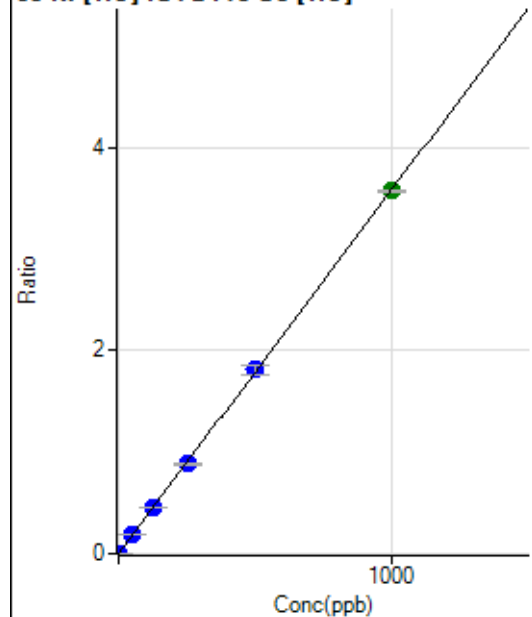
$$R = 0.9996$$

$$DL = 0.007362$$

$$BEC = 0.01584$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0001	P	22.4
2	☐	1.000	1.040	1749.02	0.0038	P	3.3
3	☐	50.000	51.796	83257.69	0.1854	P	1.9
4	☐	125.000	126.996	206098.74	0.4543	P	1.3
5	☐	250.000	246.994	402732.91	0.8835	P	0.9
6	☐	500.000	505.271	802206.26	1.8072	P	5.5
7	☐	1000.000	997.777	1645219.21	3.5686	A	0.7
8	☐			7808.88	0.0167	P	3.7

$$y = 0.0036 * x + 1.1673E-004$$

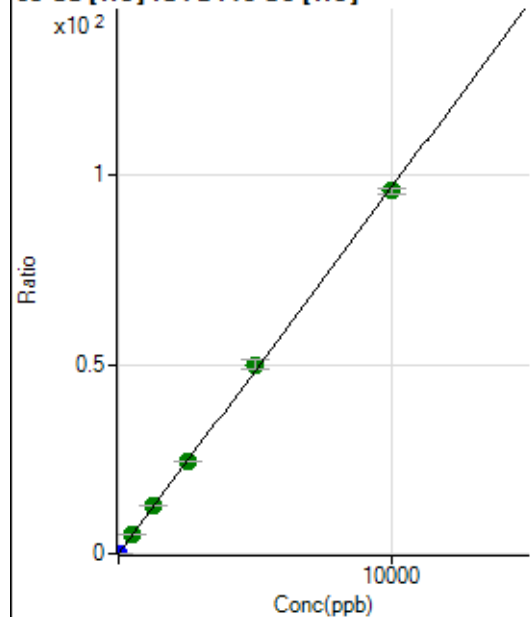
$$R = 1.0000$$

$$DL = 0.02195$$

$$BEC = 0.03264$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	902.26	0.0020	P	4.2
2	☐	2.000	1.926	9404.31	0.0206	P	0.8
3	☐	500.000	528.902	2302121.23	5.1258	A	1.0
4	☐	1250.000	1310.989	5763088.94	12.7025	A	0.5
5	☐	2500.000	2517.321	11117753.86	24.3892	A	1.5
6	☐	5000.000	5162.731	22203750.78	50.0172	A	5.4
7	☐	10000.000	9905.236	44239160.45	95.9614	A	1.5
8	☐			16023.60	0.0343	P	1.6

$$y = 0.0097 * x + 0.0020$$

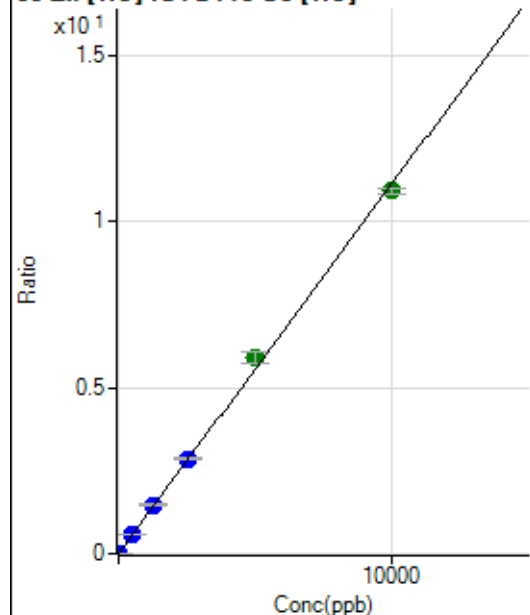
$$R = 0.9998$$

$$DL = 0.02585$$

$$BEC = 0.2039$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	567.80	0.0012	P	9.3
2	☐	2.000	2.465	1815.69	0.0040	P	1.0
3	☐	500.000	531.871	266351.31	0.5931	P	1.1
4	☐	1250.000	1319.783	666751.66	1.4698	P	1.4
5	☐	2500.000	2558.135	1298107.85	2.8477	P	2.0
6	☐	5000.000	5306.194	2621781.54	5.9054	A	5.3
7	☐	10000.000	9822.053	5038540.03	10.9302	A	1.8
8	☐			12245.37	0.0262	P	2.2

$$y = 0.0011 * x + 0.0012$$

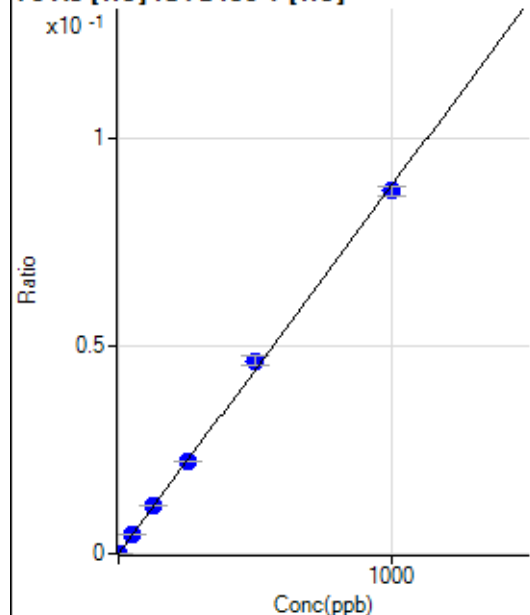
$$R = 0.9993$$

$$DL = 0.313$$

$$BEC = 1.116$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.00	0.0000	P	28.4
2	☐	1.000	1.097	316.70	0.0001	P	6.6
3	☐	50.000	51.449	14216.23	0.0046	P	1.4
4	☐	125.000	130.566	36118.85	0.0115	P	1.2
5	☐	250.000	251.440	71126.03	0.0222	P	0.7
6	☐	500.000	525.024	142585.93	0.0464	P	4.9
7	☐	1000.000	986.360	284788.37	0.0872	P	2.7
8	☐			100.68	0.0000	P	11.5

$$y = 8.8408E-005 * x + 3.7348E-006$$

$$R = 0.9995$$

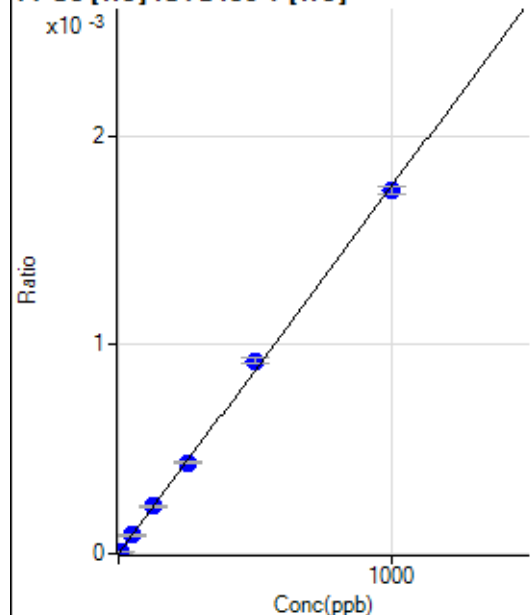
$$DL = 0.03599$$

$$BEC = 0.04225$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.631	32.22	0.0000	P	23.9
3	☐	50.000	51.571	284.45	0.0001	P	9.9
4	☐	125.000	129.161	712.25	0.0002	P	4.2
5	☐	250.000	247.723	1395.64	0.0004	P	1.6
6	☐	500.000	524.185	2835.87	0.0009	P	2.9
7	☐	1000.000	987.875	5680.10	0.0017	P	2.0
8	☐			2.22	0.0000	P	173.2

$$y = 1.7597\text{E-}006 * x + 3.4032\text{E-}007$$

$$R = 0.9996$$

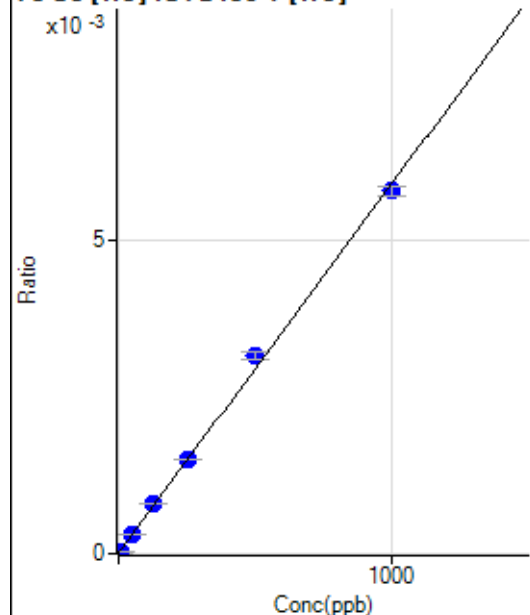
$$DL = 1.005$$

$$BEC = 0.1934$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.33	0.0000	P	12.1
2	☐	5.000	5.787	134.68	0.0000	P	7.2
3	☐	50.000	50.211	949.13	0.0003	P	3.4
4	☐	125.000	133.264	2477.14	0.0008	P	2.5
5	☐	250.000	253.587	4795.31	0.0015	P	1.0
6	☐	500.000	532.946	9648.95	0.0031	P	3.8
7	☐	1000.000	981.583	18864.83	0.0058	P	2.9
8	☐			34.67	0.0000	P	15.1

$$y = 5.8761\text{E-}006 * x + 8.8544\text{E-}006$$

$$R = 0.9992$$

$$DL = 0.5482$$

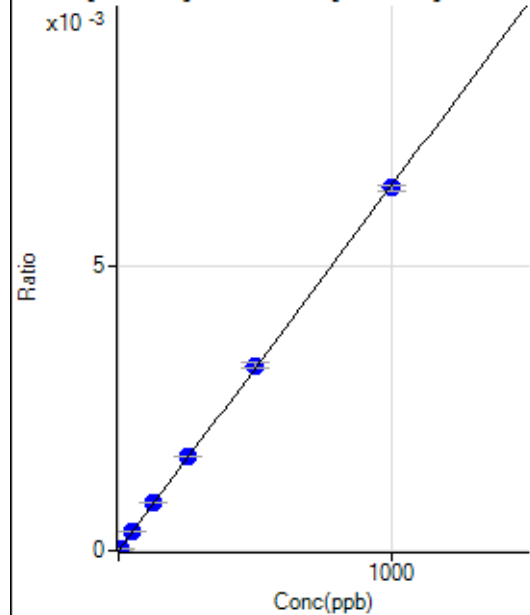
$$BEC = 1.507$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9372.86		P	4.9
2	☐			8968.81		P	3.6
3	☐			8578.15		P	2.8
4	☐			8721.69		P	3.5
5	☐			8955.46		P	1.3
6	☐			9109.03		P	3.2
7	☐			9509.67		P	0.8
8	☐			9923.78		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.90	0.0000	P	-148.
2	☐	5.000	5.573	1208.56	0.0000	P	4.5
3	☐	50.000	52.020	11728.35	0.0003	P	1.6
4	☐	125.000	132.036	29682.40	0.0008	P	1.9
5	☐	250.000	259.037	58330.30	0.0017	P	1.3
6	☐	500.000	506.337	115301.23	0.0033	P	3.0
7	☐	1000.000	993.589	224427.11	0.0064	P	1.5
8	☐			26.22	0.0000	P	43.4

$$y = 6.4273E-006 * x - 6.6256E-007$$

$$R = 0.9999$$

$$DL = 0.4593$$

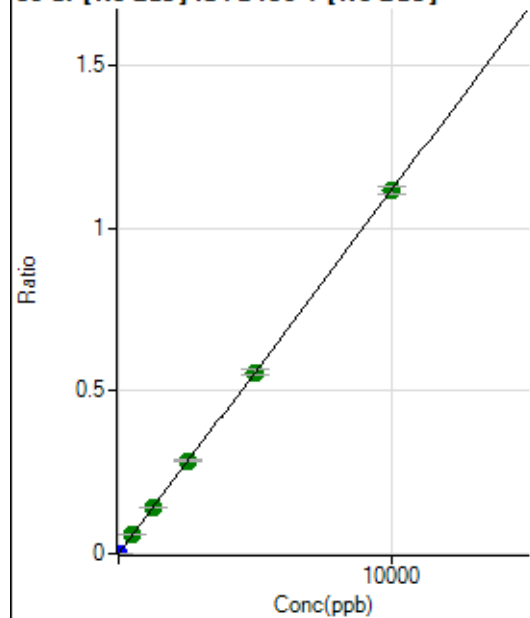
$$BEC = -0.1031$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			731.14		P	7.7
2	☐			731.14		P	9.6
3	☐			712.25		P	6.4
4	☐			720.03		P	4.5
5	☐			715.58		P	5.4
6	☐			652.24		P	6.8
7	☐			754.47		P	6.2
8	☐			755.58		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1227.87	0.0000	P	2.4
2	☐	1.000	1.077	5334.50	0.0002	P	1.9
3	☐	500.000	506.734	1986833.49	0.0565	A	1.6
4	☐	1250.000	1264.636	4936661.96	0.1410	A	1.7
5	☐	2500.000	2556.429	9990210.03	0.2850	A	1.4
6	☐	5000.000	4998.382	19749314.33	0.5573	A	2.9
7	☐	10000.000	9984.536	39120835.60	1.1132	A	2.0
8	☐			11493.91	0.0003	P	2.8

$$y = 1.1148E-004 * x + 3.5181E-005$$

$$R = 1.0000$$

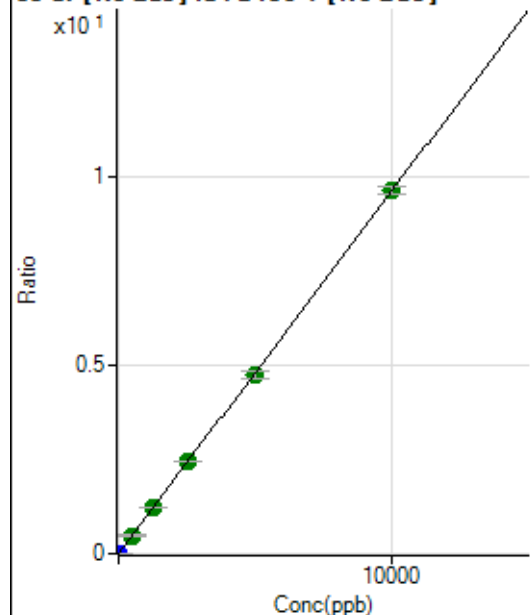
$$DL = 0.02299$$

$$BEC = 0.3156$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1083.40	0.0000	P	10.5
2	☐	1.000	1.086	37008.14	0.0011	P	2.6
3	☐	500.000	502.073	16992482.50	0.4834	A	1.4
4	☐	1250.000	1265.477	42657381.51	1.2185	A	1.8
5	☐	2500.000	2527.547	85306535.93	2.4336	A	0.4
6	☐	5000.000	4951.983	168928748.2	4.7679	A	4.0
7	☐	10000.000	10015.083	338882054.8	9.6428	A	2.1
8	☐			90725.42	0.0026	P	1.8

$$y = 9.6283\text{E-}004 * x + 3.1067\text{E-}005$$

$$R = 1.0000$$

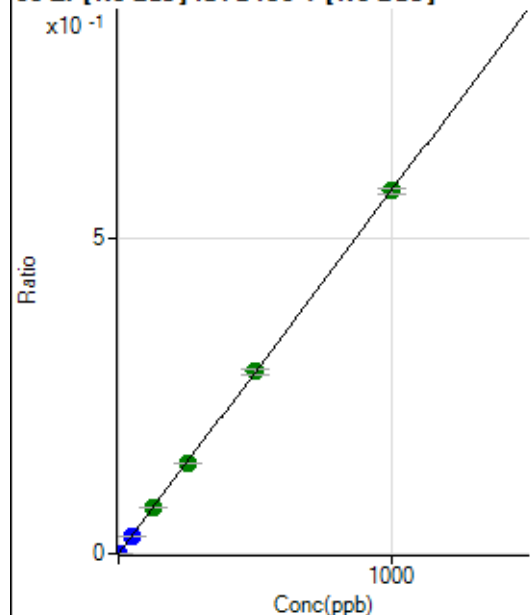
$$DL = 0.01021$$

$$BEC = 0.03227$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2103.00	0.0001	P	5.0
2	☐	1.000	1.009	22073.58	0.0006	P	2.3
3	☐	50.000	49.790	1011676.52	0.0288	P	1.5
4	☐	125.000	127.778	2582767.40	0.0738	A	0.8
5	☐	250.000	249.744	5052412.83	0.1441	A	1.3
6	☐	500.000	501.160	10248070.54	0.2892	A	2.7
7	☐	1000.000	999.147	20260009.48	0.5765	A	1.7
8	☐			5265.04	0.0002	P	3.7

$$y = 5.7689\text{E-}004 * x + 6.0251\text{E-}005$$

$$R = 1.0000$$

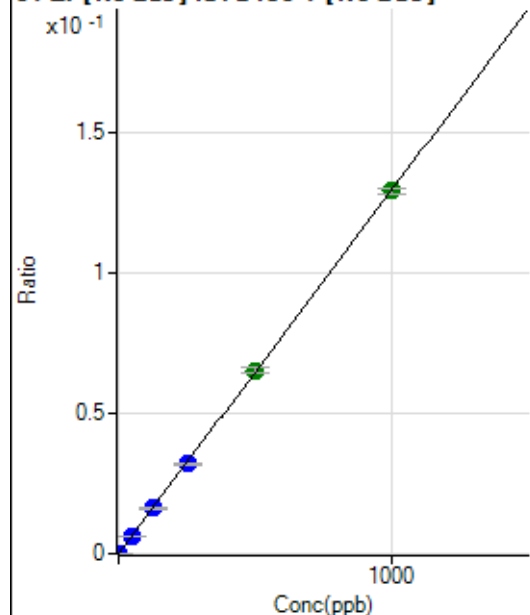
$$DL = 0.01566$$

$$BEC = 0.1044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	438.91	0.0000	P	6.5
2	☐	1.000	0.901	4448.09	0.0001	P	4.0
3	☐	50.000	49.036	223885.56	0.0064	P	1.5
4	☐	125.000	124.523	565566.43	0.0162	P	1.5
5	☐	250.000	246.404	1120055.18	0.0320	P	1.6
6	☐	500.000	504.704	2319180.46	0.0654	A	3.1
7	☐	1000.000	998.655	4550612.91	0.1295	A	1.8
8	☐			1163.97	0.0000	P	9.2

$$y = 1.2964\text{E-}004 * x + 1.2566\text{E-}005$$

$$R = 1.0000$$

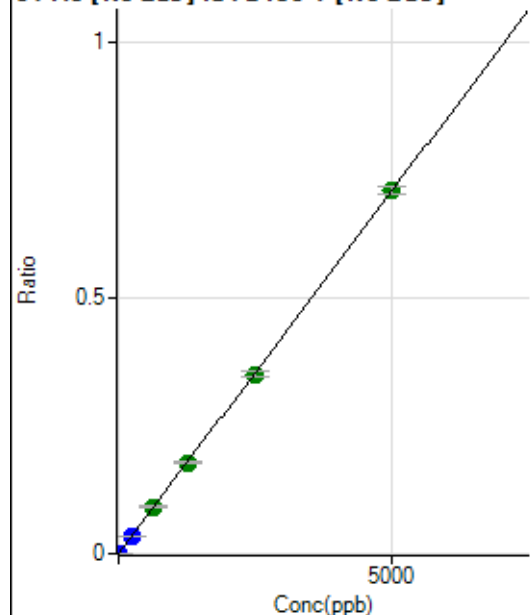
$$DL = 0.01896$$

$$BEC = 0.09692$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	650.03	0.0000	P	10.2
2	☐	5.000	5.026	25078.68	0.0007	P	2.5
3	☐	250.000	248.004	1233730.33	0.0351	P	2.3
4	☐	625.000	640.193	3170202.13	0.0906	A	4.4
5	☐	1250.000	1249.832	6197110.77	0.1768	A	2.5
6	☐	2500.000	2480.993	12438497.33	0.3510	A	3.2
7	☐	5000.000	5007.746	24899504.03	0.7085	A	2.1
8	☐			8533.37	0.0002	P	4.0

$$y = 1.4148\text{E-}004 * x + 1.8636\text{E-}005$$

$$R = 1.0000$$

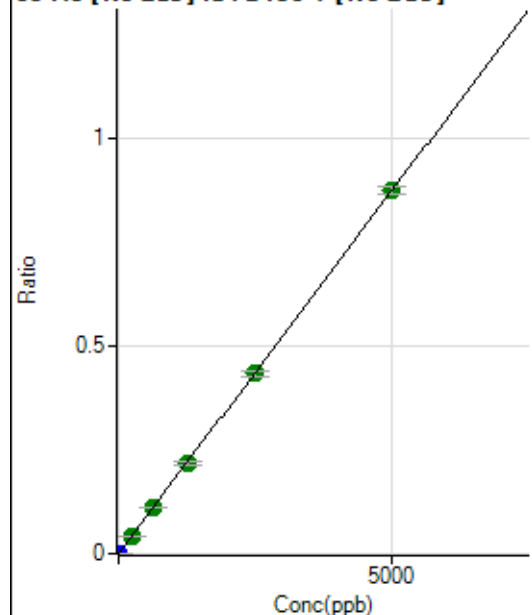
$$DL = 0.04014$$

$$BEC = 0.1317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	16.3
2	☐	5.000	4.964	29924.42	0.0009	P	0.3
3	☐	250.000	248.252	1524190.40	0.0434	A	2.9
4	☐	625.000	639.201	3908658.12	0.1117	A	2.5
5	☐	1250.000	1245.631	7625594.61	0.2176	A	2.8
6	☐	2500.000	2490.676	15419292.70	0.4351	A	3.3
7	☐	5000.000	5004.067	30723383.67	0.8742	A	2.0
8	☐			11774.78	0.0003	P	4.6

$$y = 1.7470E-004 * x + 3.4170E-006$$

$$R = 1.0000$$

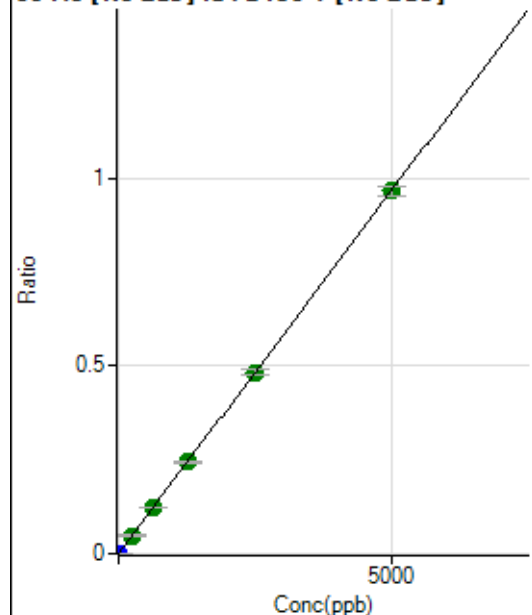
$$DL = 0.009568$$

$$BEC = 0.01956$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	15.8
2	☐	5.000	4.901	32817.15	0.0010	P	3.6
3	☐	250.000	250.595	1702812.30	0.0485	A	2.3
4	☐	625.000	633.094	4283740.03	0.1224	A	3.2
5	☐	1250.000	1260.852	8542499.32	0.2438	A	2.3
6	☐	2500.000	2497.761	17112657.50	0.4829	A	2.8
7	☐	5000.000	4997.365	33951152.84	0.9661	A	2.4
8	☐			16346.19	0.0005	P	4.1

$$y = 1.9332E-004 * x + 7.3296E-006$$

$$R = 1.0000$$

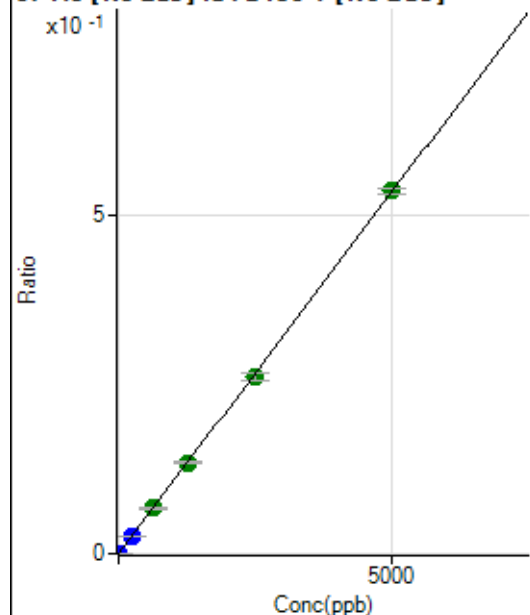
$$DL = 0.018$$

$$BEC = 0.03791$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	23.6
2	☐	5.000	4.943	18231.80	0.0005	P	1.3
3	☐	250.000	249.553	938472.75	0.0267	P	1.4
4	☐	625.000	636.341	2382497.91	0.0681	A	4.0
5	☐	1250.000	1260.869	4727601.10	0.1349	A	2.5
6	☐	2500.000	2449.083	9281433.37	0.2620	A	5.0
7	☐	5000.000	5021.346	18880825.60	0.5372	A	1.8
8	☐			6854.67	0.0002	P	4.0

$$y = 1.0699\text{E-}004 * x + 1.6675\text{E-}006$$

$$R = 0.9999$$

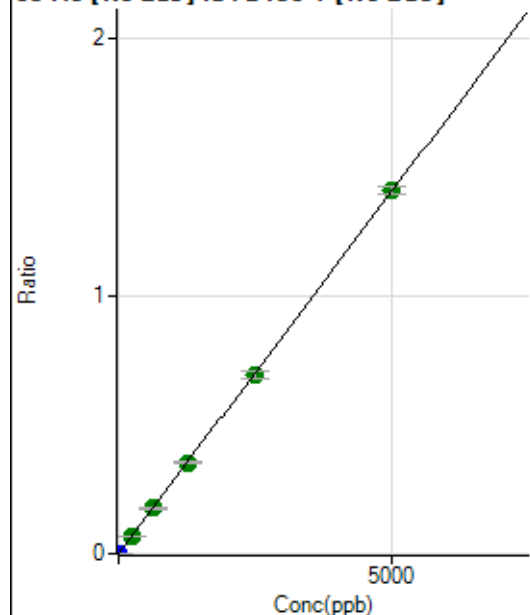
$$DL = 0.01103$$

$$BEC = 0.01559$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0000	P	40.7
2	☐	5.000	4.875	47166.97	0.0014	P	0.8
3	☐	250.000	247.310	2440860.12	0.0695	A	2.7
4	☐	625.000	628.632	6178676.27	0.1765	A	3.1
5	☐	1250.000	1252.551	12328313.47	0.3518	A	1.8
6	☐	2500.000	2473.253	24607012.18	0.6946	A	4.2
7	☐	5000.000	5012.416	49468168.47	1.4076	A	2.3
8	☐			17606.10	0.0005	P	5.3

$$y = 2.8083\text{E-}004 * x + 3.1805\text{E-}006$$

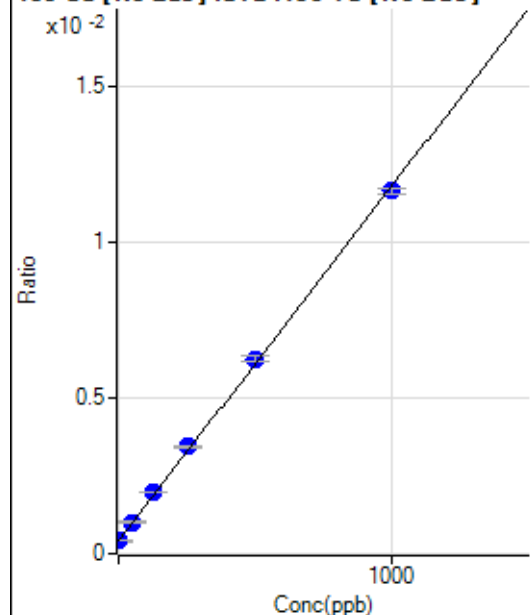
$$R = 1.0000$$

$$DL = 0.01382$$

$$BEC = 0.01133$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10976.90	0.0004	P	3.8
2	☐	1.000	0.345	10904.60	0.0004	P	2.7
3	☐	50.000	52.922	27511.42	0.0010	P	3.2
4	☐	125.000	137.470	52370.03	0.0020	P	1.9
5	☐	250.000	266.183	93078.02	0.0034	P	2.2
6	☐	500.000	513.937	173033.07	0.0062	P	2.3
7	☐	1000.000	987.282	321996.25	0.0116	P	1.6
8	☐			10398.66	0.0004	P	4.6

$$y = 1.1367\text{E-}005 * x + 4.0603\text{E-}004$$

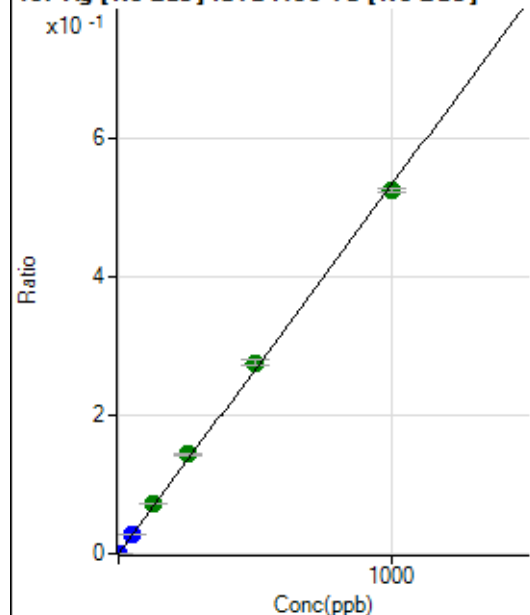
$$R = 0.9997$$

$$DL = 4.076$$

$$BEC = 35.72$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	23.8
2	☐	1.000	0.993	14241.03	0.0005	P	0.7
3	☐	50.000	52.833	768985.44	0.0282	P	0.5
4	☐	125.000	137.330	1947160.46	0.0732	A	0.9
5	☐	250.000	269.742	3899501.48	0.1438	A	1.1
6	☐	500.000	518.662	7655408.76	0.2764	A	2.5
7	☐	1000.000	984.051	14522186.78	0.5244	A	0.9
8	☐			4478.63	0.0002	P	4.2

$$y = 5.3293\text{E-}004 * x + 6.1747\text{E-}006$$

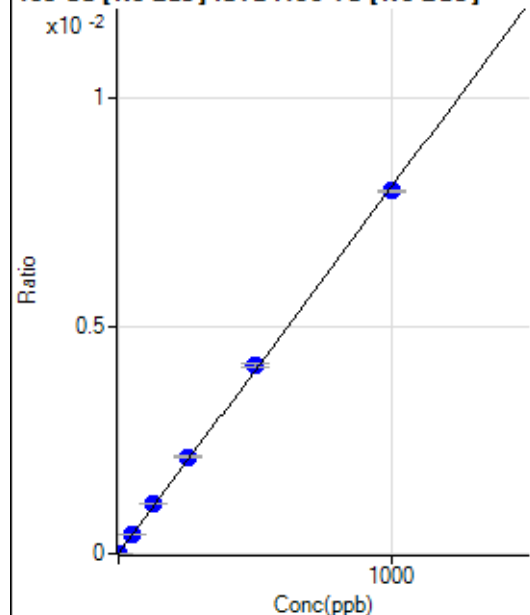
$$R = 0.9995$$

$$DL = 0.008268$$

$$BEC = 0.01159$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.94	0.0000	P	25.5
2	☐	1.000	1.086	337.51	0.0000	P	21.7
3	☐	50.000	52.006	11538.28	0.0004	P	5.1
4	☐	125.000	134.526	28897.08	0.0011	P	1.1
5	☐	250.000	263.083	57513.97	0.0021	P	2.8
6	☐	500.000	511.870	114163.93	0.0041	P	1.9
7	☐	1000.000	989.503	220538.88	0.0080	P	0.9
8	☐			273.62	0.0000	P	11.1

$$y = 8.0449\text{E-}006 * x + 3.9602\text{E-}006$$

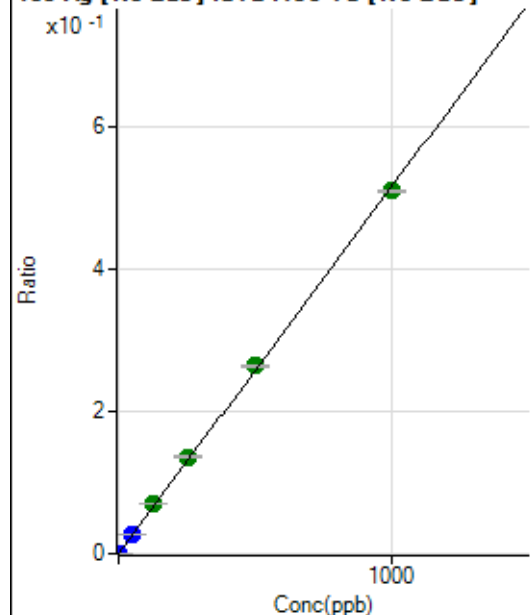
$$R = 0.9998$$

$$DL = 0.3772$$

$$BEC = 0.4923$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	44.0
2	☐	1.000	0.997	13723.85	0.0005	P	1.2
3	☐	50.000	51.644	726713.97	0.0266	P	0.5
4	☐	125.000	136.675	1873516.41	0.0704	A	0.6
5	☐	250.000	264.076	3690780.73	0.1361	A	2.6
6	☐	500.000	511.352	7298974.03	0.2635	A	1.2
7	☐	1000.000	989.263	14115090.77	0.5097	A	0.4
8	☐			4389.72	0.0002	P	4.4

$$y = 5.1527\text{E-}004 * x + 2.4715\text{E-}006$$

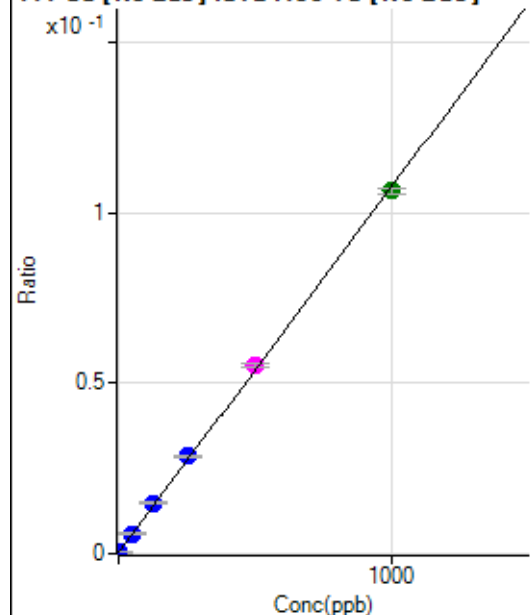
$$R = 0.9997$$

$$DL = 0.006326$$

$$BEC = 0.004797$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7685.35	0.0003	P	4.1
2	☐	1.000	1.029	10501.53	0.0004	P	2.1
3	☐	50.000	52.461	161535.46	0.0059	P	2.3
4	☐	125.000	135.870	395603.48	0.0149	P	1.6
5	☐	250.000	262.765	772953.85	0.0285	P	1.7
6	☐	500.000	512.887	1533429.84	0.0554	M	1.6
7	☐	1000.000	988.884	2947885.88	0.1065	A	1.5
8	☐			8004.24	0.0003	P	3.9

$$y = 1.0737\text{E-}004 * x + 2.8427\text{E-}004$$

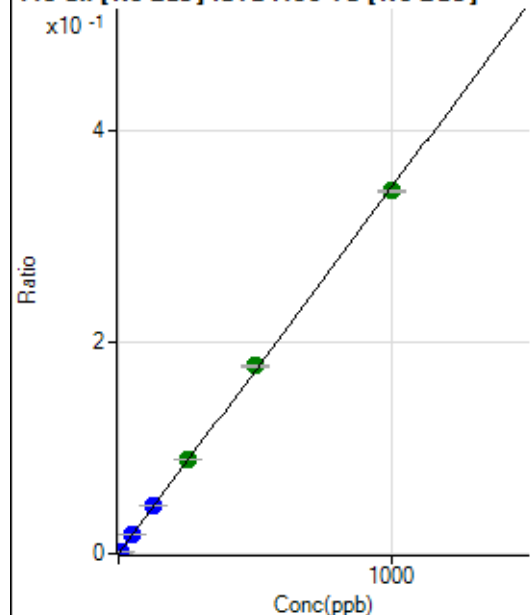
$$R = 0.9998$$

$$DL = 0.3271$$

$$BEC = 2.648$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1928.00	0.0001	P	3.4
2	☐	5.000	5.062	48441.87	0.0018	P	2.5
3	☐	50.000	51.201	485333.02	0.0178	P	1.3
4	☐	125.000	132.432	1219884.69	0.0459	P	0.5
5	☐	250.000	257.031	2412303.78	0.0889	A	1.4
6	☐	500.000	512.752	4912348.33	0.1773	A	1.2
7	☐	1000.000	990.877	9488205.94	0.3426	A	0.6
8	☐			5320.61	0.0002	P	5.0

$$y = 3.4573\text{E-}004 * x + 7.1342\text{E-}005$$

$$R = 0.9998$$

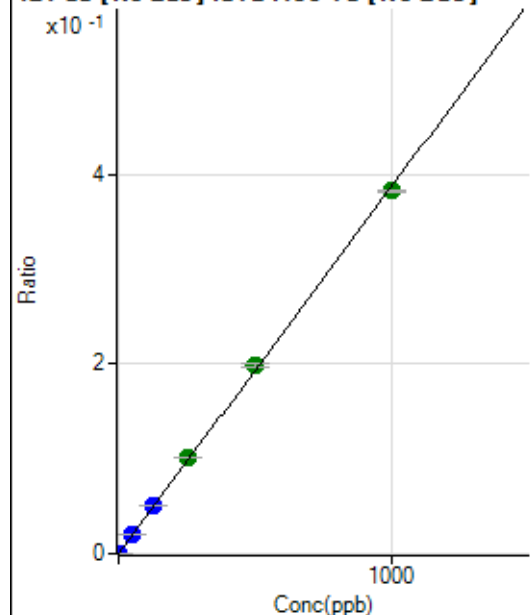
$$DL = 0.02116$$

$$BEC = 0.2064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	40.4
2	☐	2.000	2.024	20980.49	0.0008	P	3.9
3	☐	50.000	50.575	535125.82	0.0196	P	0.8
4	☐	125.000	131.164	1351965.62	0.0508	P	1.0
5	☐	250.000	261.534	2748636.98	0.1013	A	0.7
6	☐	500.000	515.424	5530514.23	0.1997	A	2.0
7	☐	1000.000	988.605	10605797.37	0.3830	A	0.5
8	☐			9375.72	0.0004	P	3.5

$$y = 3.8742\text{E-}004 * x + 4.6212\text{E-}006$$

$$R = 0.9997$$

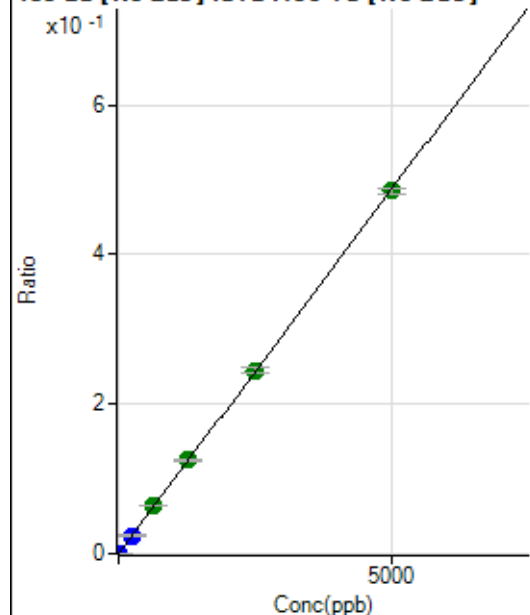
$$DL = 0.01446$$

$$BEC = 0.01193$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	7.0
2	☐	10.000	10.042	26178.64	0.0010	P	0.5
3	☐	250.000	249.244	662805.65	0.0243	P	1.7
4	☐	625.000	653.540	1693054.47	0.0636	A	0.6
5	☐	1250.000	1284.534	3393171.52	0.1251	A	1.1
6	☐	2500.000	2515.618	6782953.10	0.2450	A	3.7
7	☐	5000.000	4980.028	13426988.84	0.4849	A	1.6
8	☐			4086.86	0.0002	P	5.1

$$y = 9.7374\text{E-}005 * x + 6.3726\text{E-}006$$

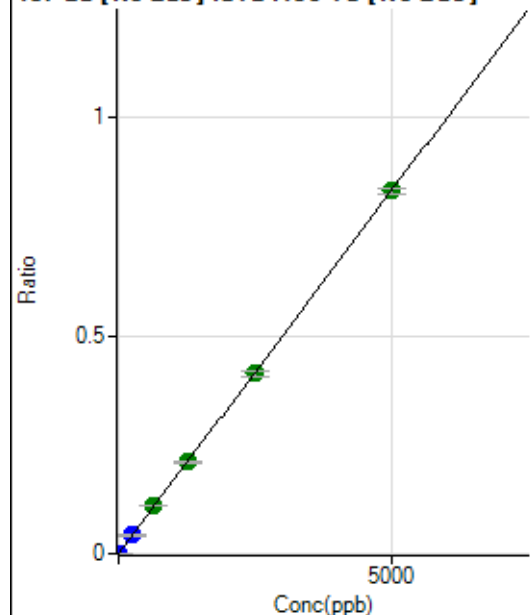
$$R = 1.0000$$

$$DL = 0.0138$$

$$BEC = 0.06544$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0000	P	30.2
2	☐	10.000	10.128	45089.67	0.0017	P	1.6
3	☐	250.000	254.610	1156474.28	0.0424	P	2.9
4	☐	625.000	657.460	2909360.94	0.1094	A	0.9
5	☐	1250.000	1270.276	5731364.97	0.2113	A	2.0
6	☐	2500.000	2487.684	11458228.38	0.4138	A	3.3
7	☐	5000.000	4996.801	23013411.45	0.8312	A	1.9
8	☐			7138.18	0.0003	P	3.6

$$y = 1.6633E-004 * x + 1.0603E-005$$

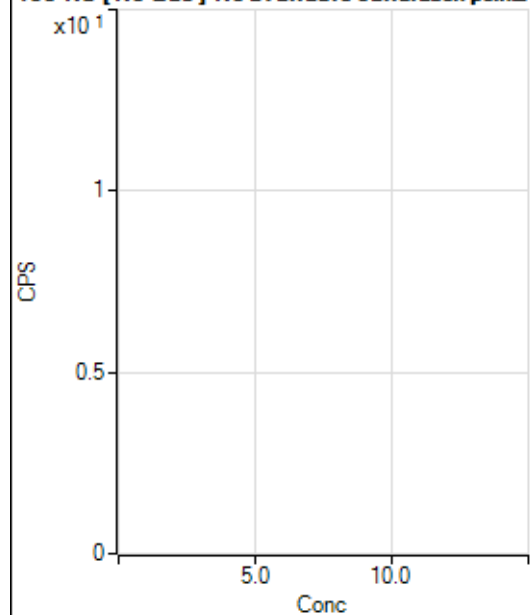
$$R = 1.0000$$

$$DL = 0.05771$$

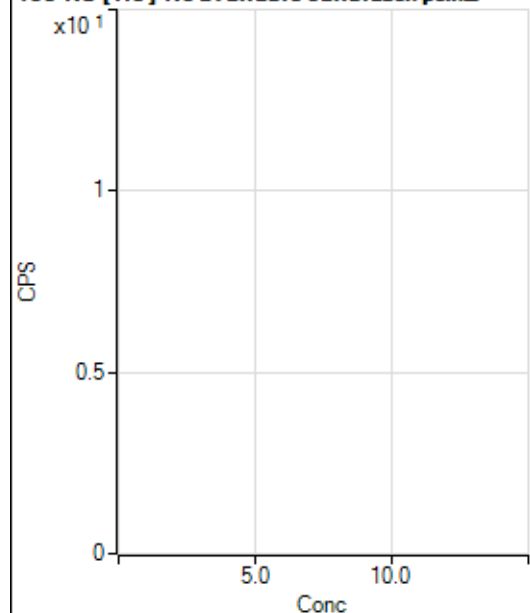
$$BEC = 0.06375$$

Weight: <None>

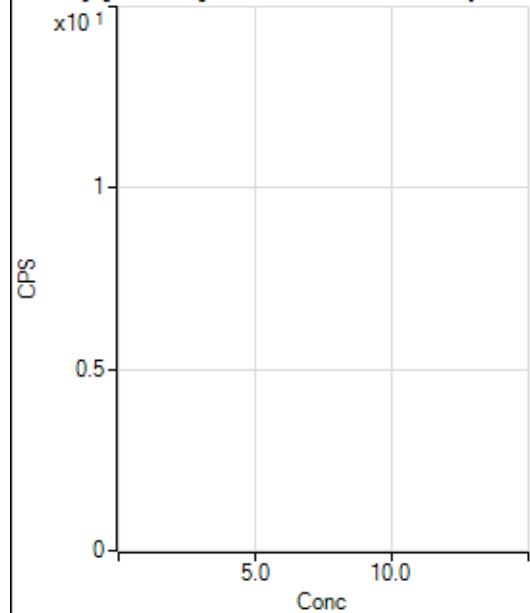
Min Conc: 0

150 Nd [No Gas] No available calibration points

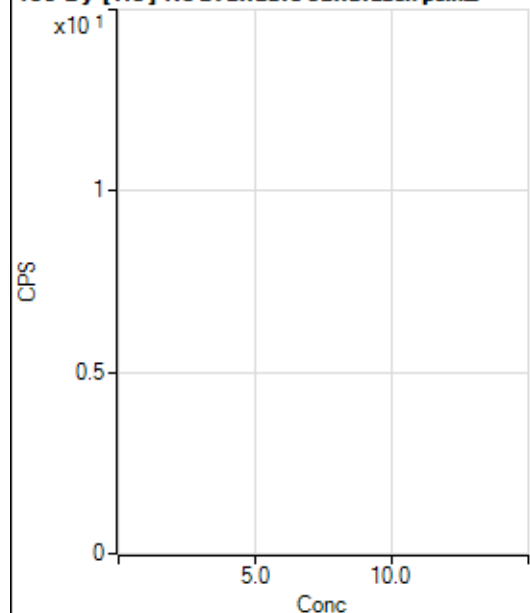
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			22.22		P	86.6
3	☐			40.00		P	44.1
4	☐			97.78		P	34.3
5	☐			162.23		P	24.1
6	☐			311.12		P	16.2
7	☐			704.48		P	2.4
8	☐			55.56		P	36.7

150 Nd [He] No available calibration points

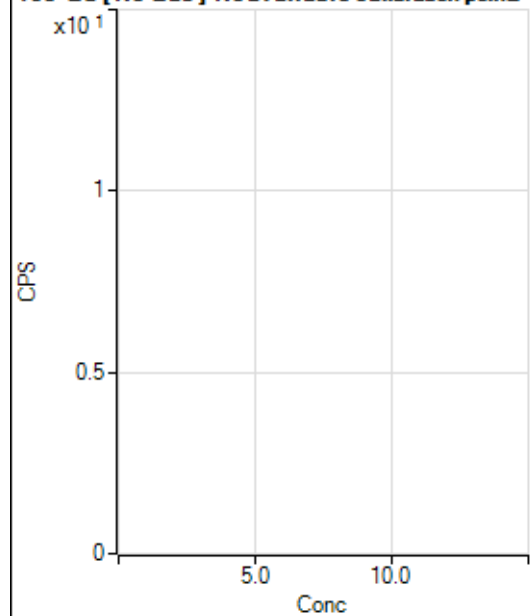
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			6.66		P	86.6
4	☐			11.11		P	96.4
5	☐			13.33		P	75.0
6	☐			38.89		P	44.0
7	☐			37.78		P	18.4
8	☐			12.22		P	83.3

156 Dy [No Gas] No available calibration points

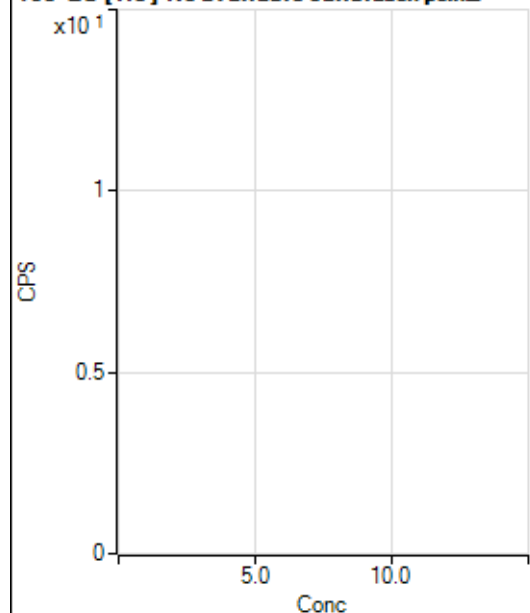
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			8.33		P	100.0
3	☐			66.67		P	43.3
4	☐			125.00		P	13.3
5	☐			191.67		P	23.0
6	☐			436.13		P	9.4
7	☐			669.48		P	11.6
8	☐			1808.51		P	8.5

156 Dy [He] No available calibration points

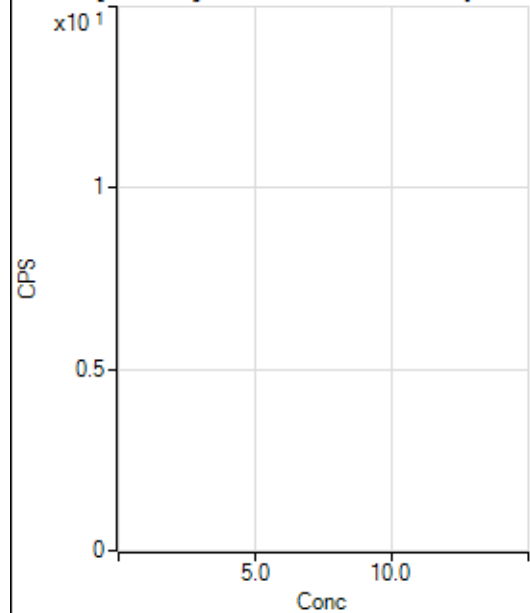
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	50.0
3	☐			16.67		P	34.6
4	☐			50.00		P	35.3
5	☐			81.11		P	21.1
6	☐			168.89		P	4.1
7	☐			303.34		P	10.5
8	☐			828.92		P	4.7

160 Gd [No Gas] Noavailable calibration poin_

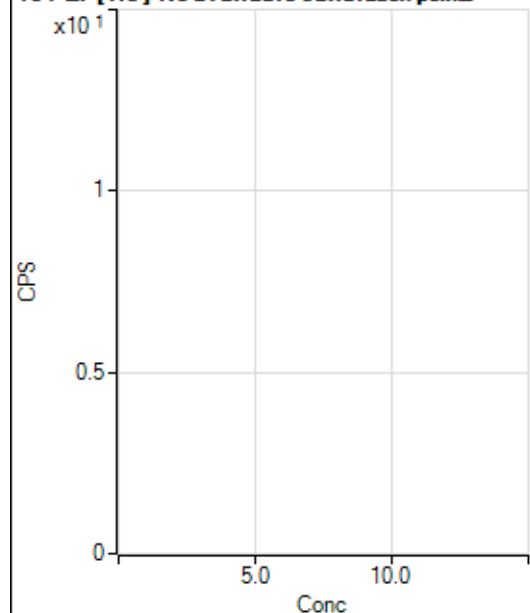
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			238.90		P	13.2
2	☐			202.79		P	8.6
3	☐			238.90		P	13.2
4	☐			286.12		P	31.4
5	☐			433.35		P	10.2
6	☐			555.58		P	7.6
7	☐			941.73		P	20.9
8	☐			2133.56		P	2.2

160 Gd [He] No available calibration points

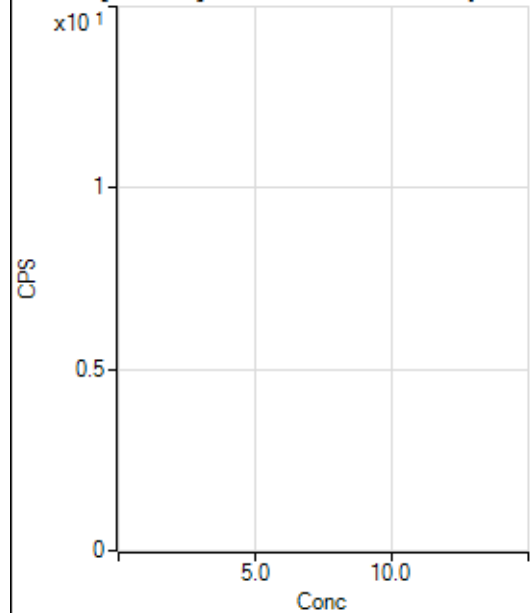
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			76.67		P	18.9
2	☐			65.56		P	21.2
3	☐			85.56		P	9.8
4	☐			136.67		P	11.2
5	☐			143.34		P	15.3
6	☐			212.23		P	6.5
7	☐			402.23		P	6.6
8	☐			1076.72		P	2.4

164 Er [No Gas] No available calibration points

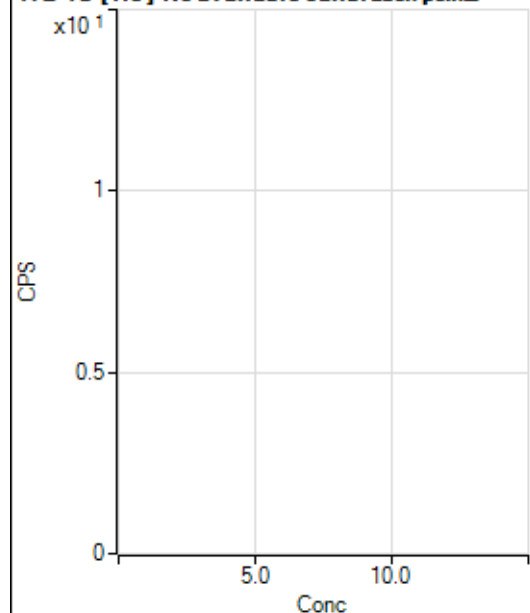
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	28.5
2	☐			141.67		P	50.3
3	☐			177.78		P	5.4
4	☐			125.01		P	35.3
5	☐			222.23		P	34.8
6	☐			280.57		P	11.2
7	☐			297.23		P	5.8
8	☐			413.91		P	8.1

164 Er [He] No available calibration points

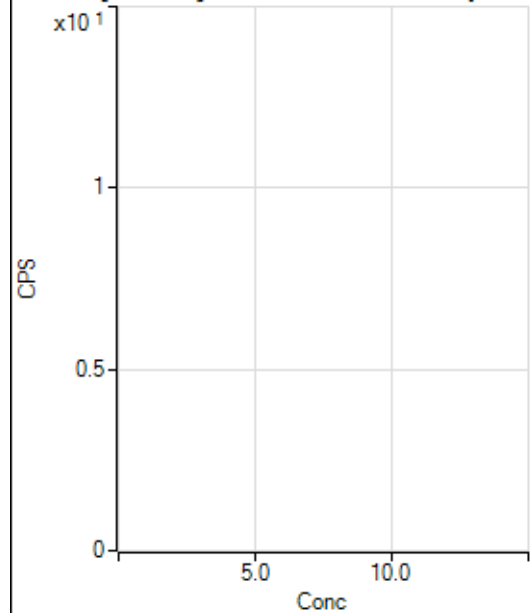
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	16.4
2	☐			61.11		P	8.3
3	☐			53.33		P	31.2
4	☐			77.78		P	20.3
5	☐			74.45		P	30.5
6	☐			100.00		P	15.3
7	☐			115.56		P	9.3
8	☐			168.89		P	11.2

172 Yb [No Gas] No available calibration points

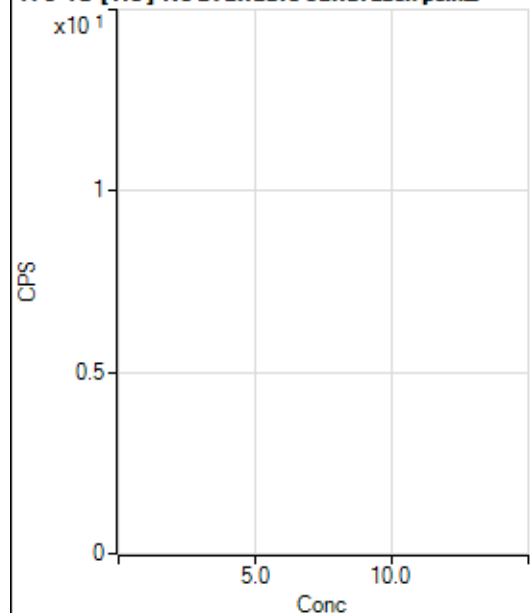
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	31.5
2	☐			66.67		P	25.0
3	☐			69.45		P	18.3
4	☐			88.89		P	28.6
5	☐			77.78		P	6.2
6	☐			91.67		P	18.2
7	☐			102.78		P	52.8
8	☐			100.00		P	30.0

172 Yb [He] No available calibration points

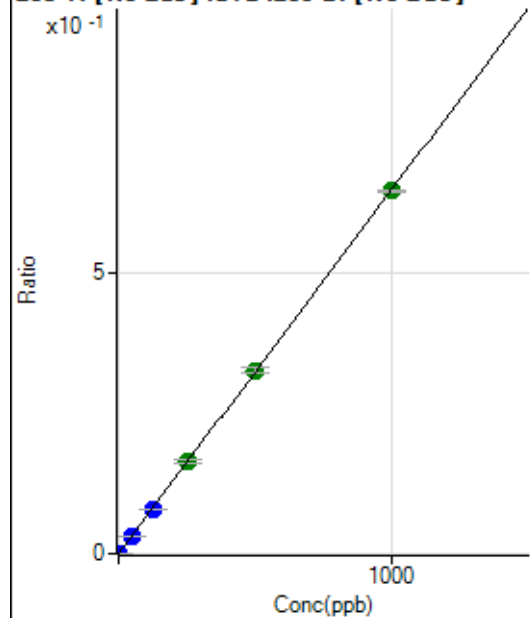
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.07		P	13.3
2	☐			35.19		P	32.9
3	☐			25.93		P	61.9
4	☐			48.15		P	29.0
5	☐			42.59		P	52.7
6	☐			37.04		P	45.8
7	☐			75.93		P	71.8
8	☐			50.00		P	48.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3595.04		P	8.9
2	☐			3347.74		P	1.9
3	☐			3464.45		P	6.9
4	☐			3525.57		P	8.2
5	☐			3383.86		P	1.3
6	☐			3353.30		P	9.2
7	☐			3367.19		P	6.7
8	☐			3350.53		P	4.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2854.07		P	7.5
2	☐			2368.78		P	2.8
3	☐			2200.22		P	3.0
4	☐			2174.29		P	7.5
5	☐			2142.80		P	7.0
6	☐			2137.25		P	6.6
7	☐			2248.38		P	2.9
8	☐			2296.54		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	841.72	0.0001	P	10.3
2	☐	1.000	0.967	10732.54	0.0007	P	2.6
3	☐	50.000	48.184	511701.32	0.0312	P	3.8
4	☐	125.000	122.435	1290080.19	0.0793	P	1.1
5	☐	250.000	253.633	2643396.56	0.1642	A	4.1
6	☐	500.000	504.111	5193372.60	0.3263	A	3.2
7	☐	1000.000	997.448	10167239.81	0.6456	A	0.8
8	☐			2605.89	0.0002	P	2.6

$$y = 6.4717E-004 * x + 5.1739E-005$$

$$R = 1.0000$$

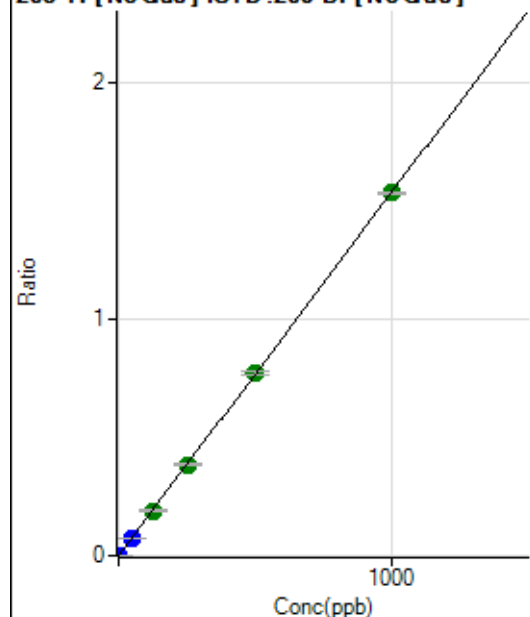
$$DL = 0.02459$$

$$BEC = 0.07995$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1950.21	0.0001	P	3.3
2	☐	1.000	0.940	24765.85	0.0016	P	1.5
3	☐	50.000	48.240	1214968.42	0.0742	P	3.6
4	☐	125.000	124.328	3106741.78	0.1909	A	1.3
5	☐	250.000	250.954	6203986.95	0.3853	A	2.6
6	☐	500.000	502.020	12266975.62	0.7707	A	2.7
7	☐	1000.000	998.924	24148884.39	1.5333	A	0.4
8	☐			5890.42	0.0004	P	7.5

$$y = 0.0015 * x + 1.1990E-004$$

$$R = 1.0000$$

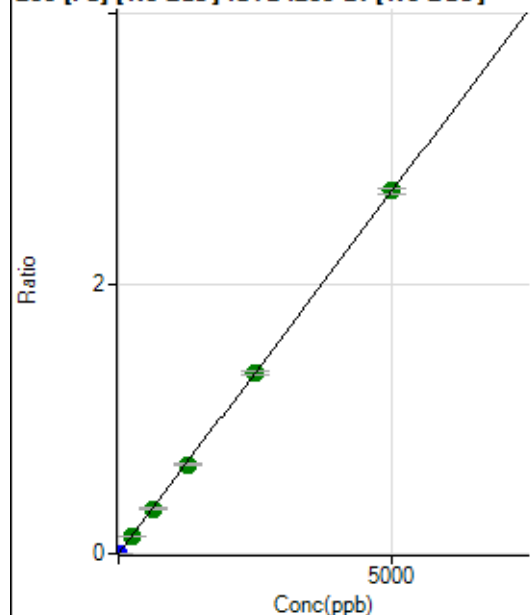
$$DL = 0.007642$$

$$BEC = 0.07812$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	996.35	0.0001	P	1.8
2	☐	1.000	0.969	9214.53	0.0006	P	3.0
3	☐	250.000	248.142	2183762.96	0.1333	A	3.1
4	☐	625.000	623.416	5446980.27	0.3348	A	1.0
5	☐	1250.000	1232.710	10658245.14	0.6619	A	1.9
6	☐	2500.000	2489.269	21278357.19	1.3366	A	1.6
7	☐	5000.000	5009.979	42362901.87	2.6899	A	1.7
8	☐			20342.09	0.0014	P	2.3

$$y = 5.3690E-004 * x + 6.1252E-005$$

$$R = 1.0000$$

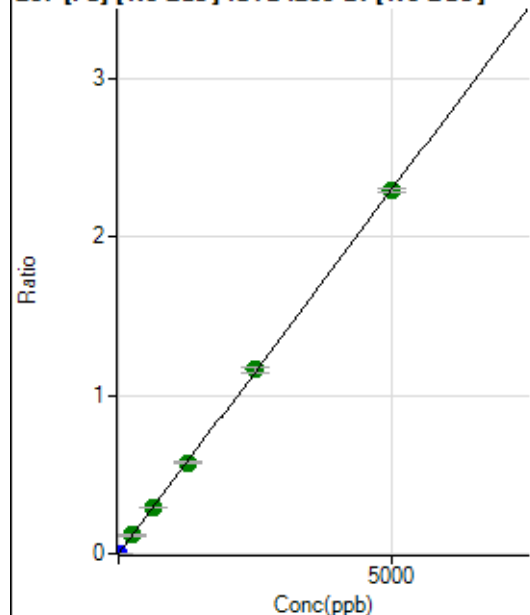
$$DL = 0.006267$$

$$BEC = 0.1141$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	894.49	0.0001	P	2.6
2	☐	1.000	0.981	8017.45	0.0005	P	3.1
3	☐	250.000	251.484	1895468.82	0.1157	A	2.7
4	☐	625.000	623.239	4663307.57	0.2866	A	0.4
5	☐	1250.000	1252.908	9277822.20	0.5761	A	1.5
6	☐	2500.000	2526.276	18490261.99	1.1616	A	2.5
7	☐	5000.000	4986.281	36106345.71	2.2926	A	1.2
8	☐			17678.94	0.0013	P	1.9

$$y = 4.5978\text{E-}004 * x + 5.4993\text{E-}005$$

$$R = 1.0000$$

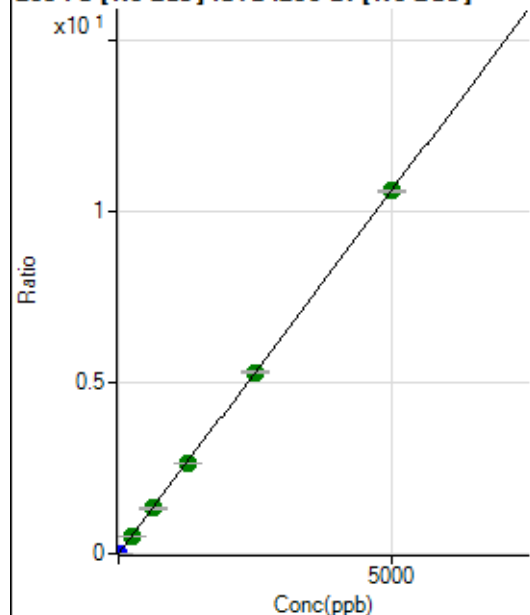
$$DL = 0.009414$$

$$BEC = 0.1196$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4018.83	0.0002	P	4.8
2	☐	1.000	0.969	36459.46	0.0023	P	1.9
3	☐	250.000	248.893	8648502.13	0.5278	A	2.0
4	☐	625.000	623.162	21494676.06	1.3211	A	0.8
5	☐	1250.000	1247.478	42588576.18	2.6444	A	1.1
6	☐	2500.000	2503.086	84474688.69	5.3057	A	1.3
7	☐	5000.000	4999.373	166891538.4	10.5968	A	0.5
8	☐			81639.12	0.0058	P	1.7

$$y = 0.0021 * x + 2.4698\text{E-}004$$

$$R = 1.0000$$

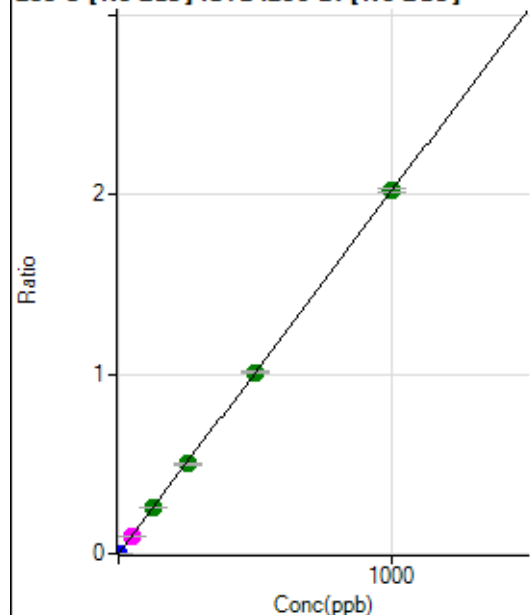
$$DL = 0.01678$$

$$BEC = 0.1165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.8
2	☐	1.000	0.948	30342.45	0.0019	P	3.8
3	☐	50.000	48.563	1604699.74	0.0979	M	3.3
4	☐	125.000	125.901	4131234.77	0.2539	A	1.9
5	☐	250.000	247.483	8039998.53	0.4991	A	1.0
6	☐	500.000	499.883	16051257.13	1.0082	A	1.3
7	☐	1000.000	1000.647	31784056.96	2.0181	A	1.0
8	☐			3925.70	0.0003	P	5.2

$$y = 0.0020 * x + 3.2530E-006$$

$$R = 1.0000$$

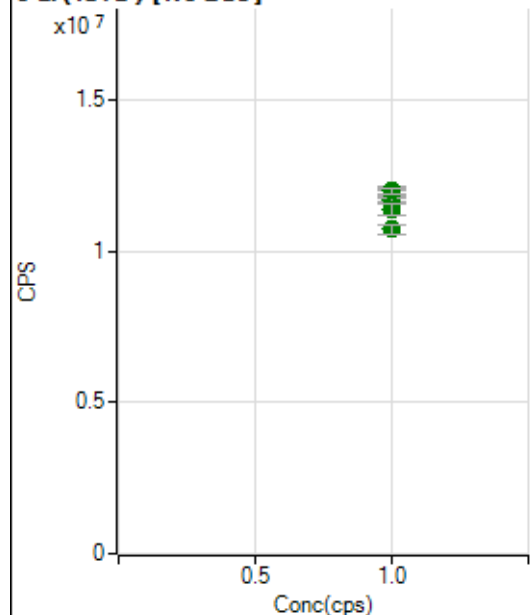
$$DL = 0.001637$$

$$BEC = 0.001613$$

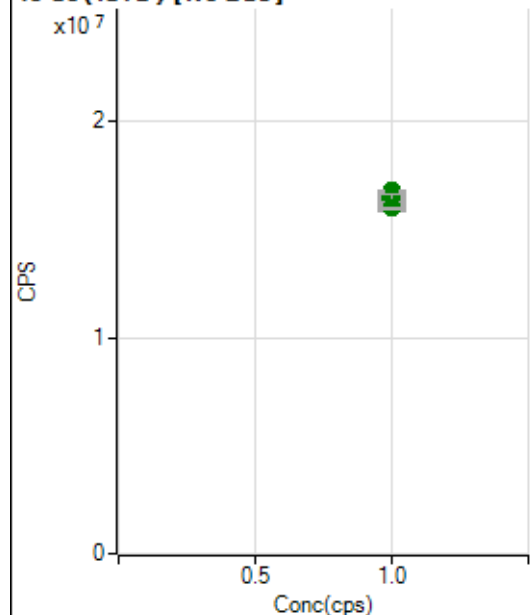
Weight: <None>

Min Conc: 0

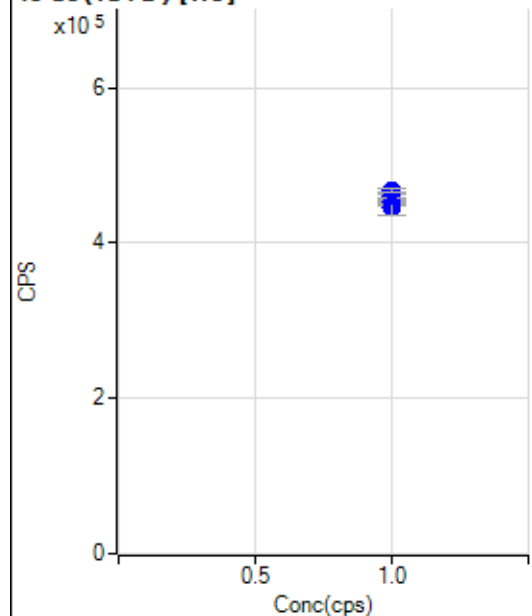
6 Li (ISTD) [No Gas]



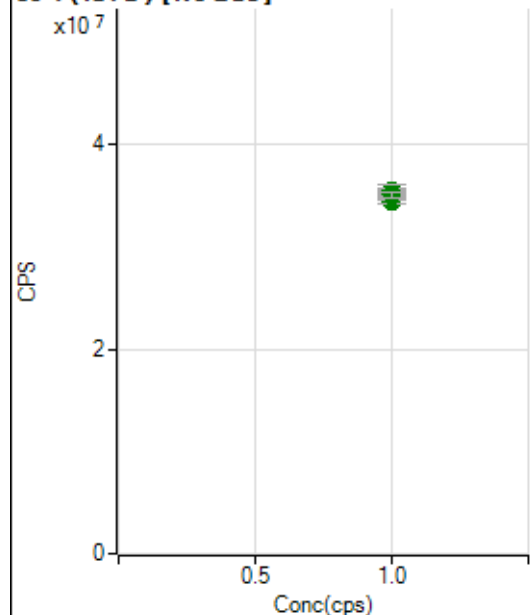
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11980532.16		A	1.9
2	☐	1.000		11751062.81		A	1.7
3	☐	1.000		11898038.08		A	1.9
4	☐	1.000		11660611.49		A	1.8
5	☐	1.000		11976377.08		A	2.1
6	☐	1.000		11970639.06		A	1.3
7	☐	1.000		11353911.51		A	3.4
8	☐	1.000		10708616.25		A	2.7

45 Sc (ISTD) [No Gas]

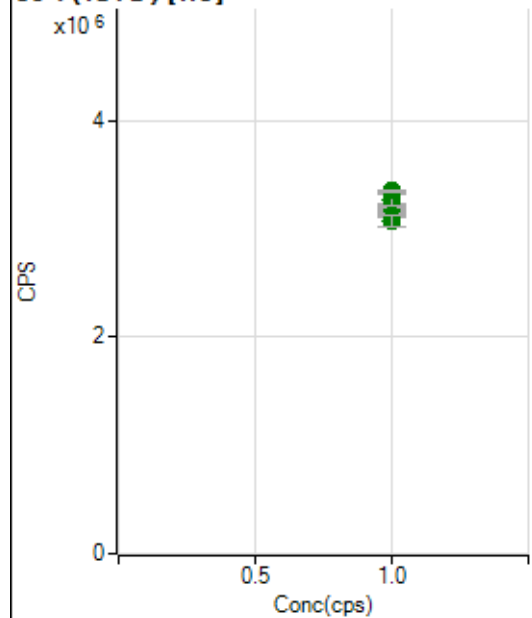
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16807403.64		A	0.3
2	☐	1.000		16019728.79		A	2.2
3	☐	1.000		16550287.67		A	1.4
4	☐	1.000		16349960.87		A	1.4
5	☐	1.000		16318860.04		A	2.7
6	☐	1.000		16591989.62		A	1.5
7	☐	1.000		16490434.48		A	1.9
8	☐	1.000		16000244.21		A	0.7

45 Sc (ISTD) [He]

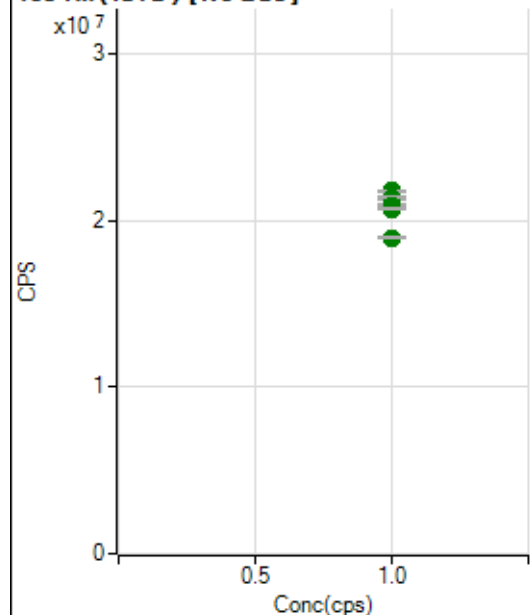
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		456694.40		P	2.2
2	☐	1.000		455681.47		P	0.7
3	☐	1.000		449136.08		P	0.5
4	☐	1.000		453704.49		P	1.4
5	☐	1.000		455868.95		P	0.6
6	☐	1.000		444627.81		P	4.5
7	☐	1.000		461070.21		P	1.7
8	☐	1.000		466832.15		P	1.1

89 Y (ISTD) [No Gas]

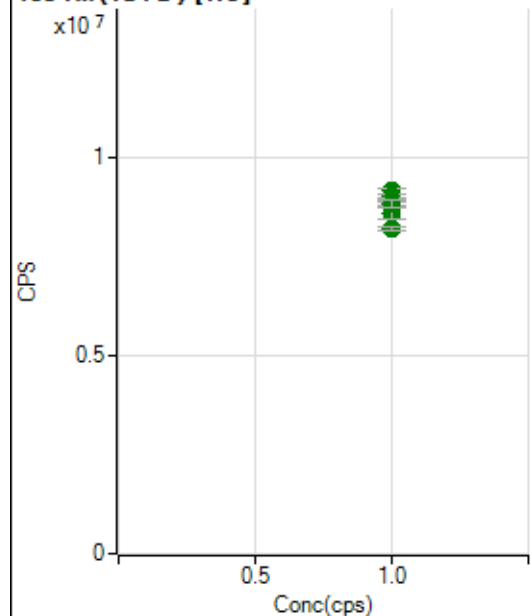
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34907902.53		A	1.4
2	☐	1.000		34371876.71		A	0.9
3	☐	1.000		35155376.14		A	2.1
4	☐	1.000		35012748.37		A	1.9
5	☐	1.000		35055308.37		A	2.0
6	☐	1.000		35460061.69		A	3.3
7	☐	1.000		35156539.48		A	2.7
8	☐	1.000		35065328.09		A	1.6

89 Y (ISTD) [He]

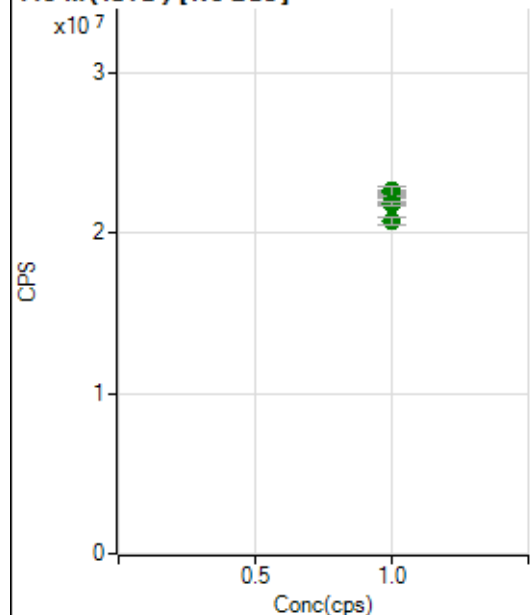
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3203698.11		A	1.6
2	☐	1.000		3143782.35		A	1.1
3	☐	1.000		3122957.77		A	0.4
4	☐	1.000		3128378.94		A	1.5
5	☐	1.000		3199081.59		A	0.2
6	☐	1.000		3075382.42		A	3.8
7	☐	1.000		3267642.45		A	3.3
8	☐	1.000		3353271.34		A	0.6

103 Rh (ISTD) [No Gas]

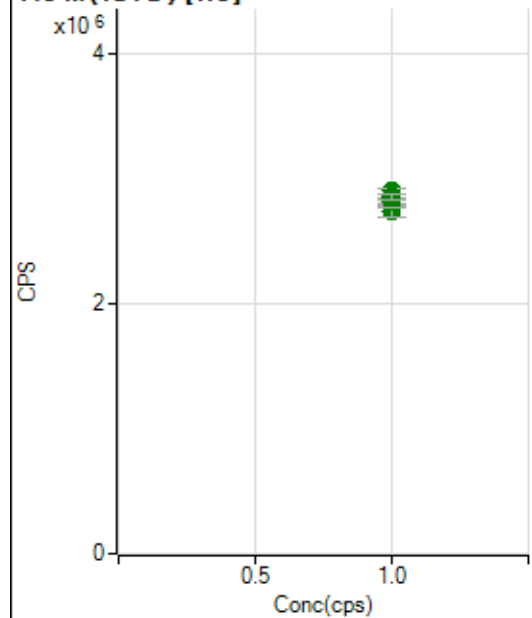
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21804595.97		A	0.3
2	☐	1.000		21261696.13		A	2.5
3	☐	1.000		21406192.84		A	1.2
4	☐	1.000		21303629.82		A	0.1
5	☐	1.000		21434262.63		A	0.9
6	☐	1.000		20885760.54		A	0.1
7	☐	1.000		20727953.07		A	0.8
8	☐	1.000		18990386.01		A	1.0

103 Rh (ISTD) [He]

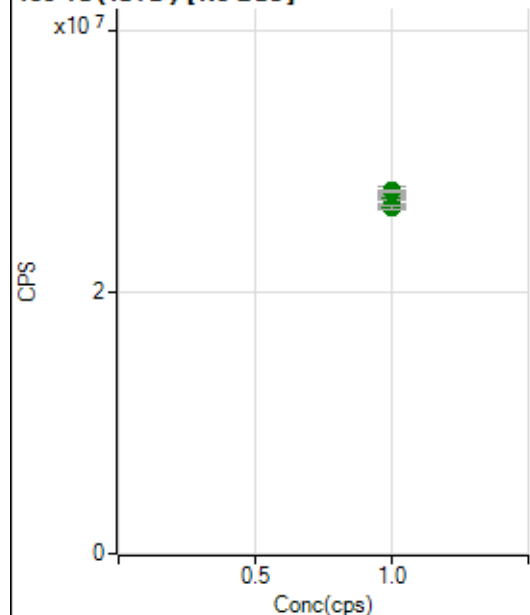
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9144147.92		A	1.6
2	☐	1.000		8991039.38		A	1.8
3	☐	1.000		9013868.69		A	1.2
4	☐	1.000		8919126.12		A	1.0
5	☐	1.000		8915922.92		A	1.5
6	☐	1.000		8592681.26		A	3.8
7	☐	1.000		8828414.94		A	2.4
8	☐	1.000		8195635.85		A	1.5

115 In (ISTD) [No Gas]

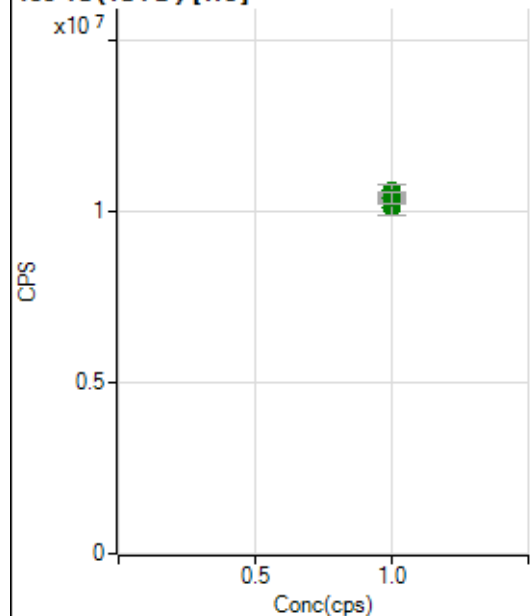
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22535543.37		A	0.2
2	☐	1.000		22128553.62		A	2.2
3	☐	1.000		22567498.63		A	1.4
4	☐	1.000		22310600.16		A	0.9
5	☐	1.000		22353865.97		A	0.9
6	☐	1.000		22626446.43		A	2.7
7	☐	1.000		21837205.43		A	1.3
8	☐	1.000		20796857.84		A	2.4

115 In (ISTD) [He]

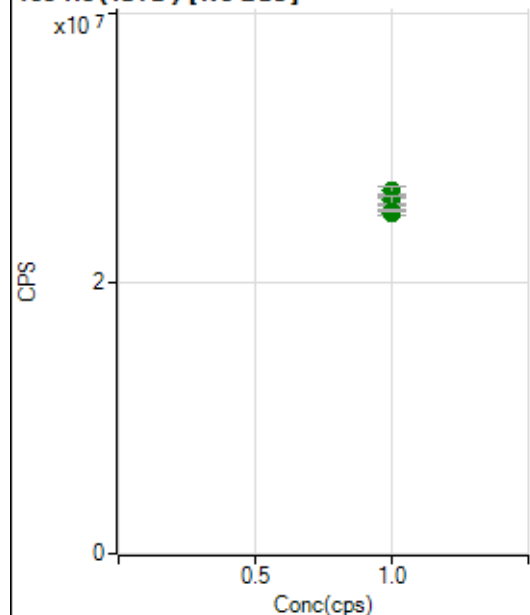
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2900363.06		A	1.5
2	☐	1.000		2852820.08		A	1.7
3	☐	1.000		2838440.29		A	2.4
4	☐	1.000		2849677.52		A	1.3
5	☐	1.000		2839804.47		A	0.8
6	☐	1.000		2740954.04		A	3.6
7	☐	1.000		2820722.77		A	4.0
8	☐	1.000		2849343.51		A	1.4

159 Tb (ISTD) [No Gas]

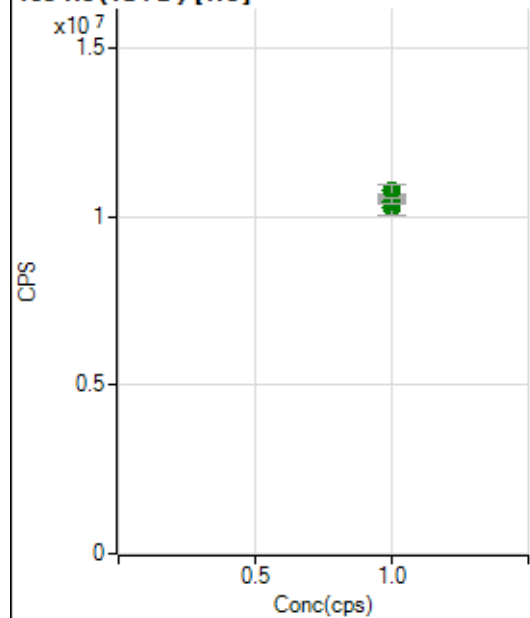
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27023830.71		A	1.7
2	☐	1.000		26599555.44		A	0.6
3	☐	1.000		27306812.09		A	1.5
4	☐	1.000		26602879.33		A	1.1
5	☐	1.000		27127415.43		A	1.1
6	☐	1.000		27702764.31		A	2.0
7	☐	1.000		27691062.64		A	0.9
8	☐	1.000		26438188.22		A	1.0

159 Tb (ISTD) [He]

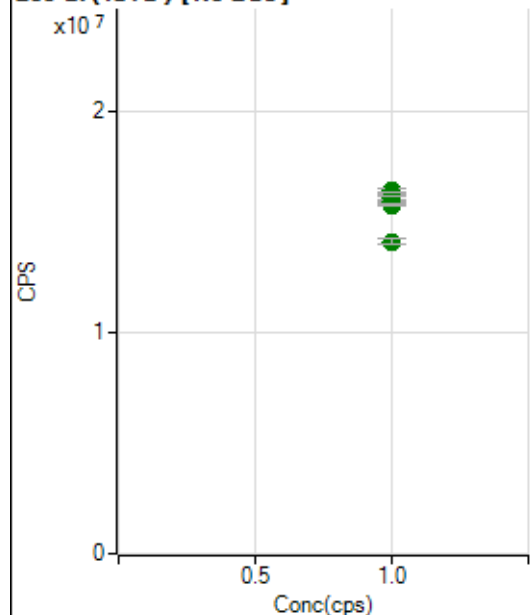
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10443153.94		A	1.1
2	☐	1.000		10314622.90		A	1.4
3	☐	1.000		10280680.54		A	0.4
4	☐	1.000		10343504.43		A	0.5
5	☐	1.000		10351722.35		A	1.7
6	☐	1.000		10103840.13		A	4.4
7	☐	1.000		10591295.81		A	3.7
8	☐	1.000		10372087.90		A	3.0

165 Ho (ISTD) [No Gas]

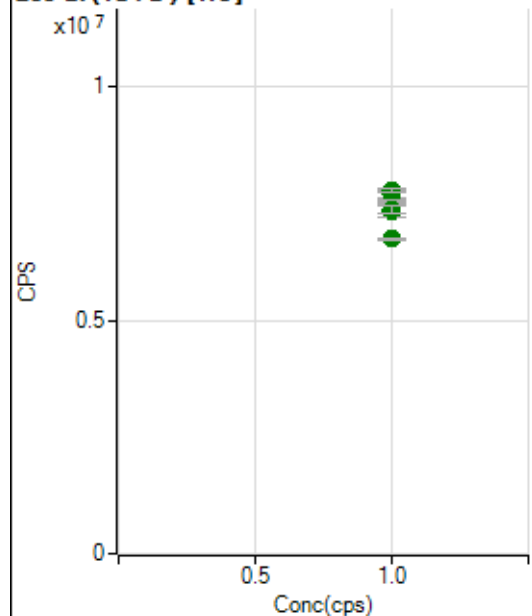
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25864985.82		A	0.7
2	☐	1.000		25235229.04		A	1.3
3	☐	1.000		26134325.76		A	2.5
4	☐	1.000		26153070.72		A	2.5
5	☐	1.000		26388845.21		A	0.9
6	☐	1.000		26848227.51		A	2.3
7	☐	1.000		26223402.32		A	2.3
8	☐	1.000		25400672.10		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10460724.42		A	1.3
2	☐	1.000		10552097.41		A	0.3
3	☐	1.000		10482853.38		A	0.4
4	☐	1.000		10456279.08		A	0.8
5	☐	1.000		10575981.23		A	1.7
6	☐	1.000		10286537.21		A	4.2
7	☐	1.000		10780018.45		A	3.0
8	☐	1.000		10468020.60		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16268679.76		A	1.2
2	☐	1.000		15848620.46		A	1.8
3	☐	1.000		16389992.95		A	1.9
4	☐	1.000		16270855.87		A	0.5
5	☐	1.000		16107632.26		A	2.6
6	☐	1.000		15924792.40		A	2.6
7	☐	1.000		15749425.04		A	0.6
8	☐	1.000		14094107.29		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7714715.09		A	2.3
2	☐	1.000		7696022.11		A	2.4
3	☐	1.000		7767574.61		A	1.2
4	☐	1.000		7501924.13		A	0.4
5	☐	1.000		7548692.52		A	0.4
6	☐	1.000		7348227.80		A	3.9
7	☐	1.000		7372098.36		A	2.2
8	☐	1.000		6732378.44		A	0.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8083021-MS.b
Acq. Date-Time 2021-08-30 13:02:23
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		28975	289752.00			0.740	5.000
24		188820	1888195.34			1.365	5.000
25		25370	253702.04			0.908	5.000
26		29151	291514.79			0.791	5.000
59		48679	486793.57			0.824	5.000
113		22546	225460.80			0.828	5.000
115		66514	665135.52			0.408	5.000
206		29667	296669.35			1.415	5.000
207		24844	248438.47			1.601	5.000
208		62176	621757.85			1.713	5.000
220		0	3.00			39.087	

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

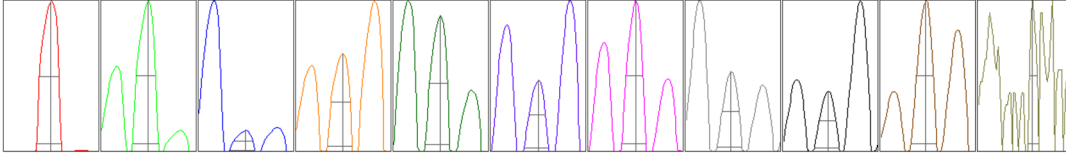
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	29040	28607	29080	28991	29158
24	192350	185934	190195	188765	186853
25	25441	25008	25522	25588	25292
26	29166	28750	29304	29278	29259
59	48637	48056	48647	49090	48967
113	22457	22363	22599	22845	22467
115	66525	66192	66782	66777	66291
206	29406	29142	29759	30251	29776
207	24566	24314	24972	25302	25065
208	61604	60690	62472	63483	62630

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	50693.94	9.00	8.90 - 9.10	
24	332344.74	24.00	23.90 - 24.10	
25	44616.00	25.00	24.90 - 25.10	
26	51072.49	26.00	25.90 - 26.10	
59	90208.42	59.00	58.90 - 59.10	
113	44829.88	113.05	112.90 - 113.10	
115	131592.28	115.05	114.90 - 115.10	
206	56619.72	205.95	205.90 - 206.10	
207	47372.33	206.95	206.90 - 207.10	
208	119071.37	207.95	207.90 - 208.10	
220	0.65	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.780	0.900	
24	0.60	0.823	0.900	
25	0.60	0.786	0.900	
26	0.61	0.784	0.900	
59	0.56	0.775	0.900	
113	0.51	0.768	0.900	
115	0.52	0.768	0.900	
206	0.53	0.789	0.900	
207	0.53	0.786	0.900	
208	0.53	0.815	0.900	
220	0.23	0.339		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 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	9.9 V	Deflect	14.6 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9871	98709.80			1.043	
89		36557	365567.40			0.446	
205		26660	266604.87			0.520	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9858	9839	9841	10045	9772
89	36534	36713	36659	36585	36292
205	26475	26756	26728	26791	26552

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 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	9.9 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 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	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						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				100		%
Indium	115-2				98		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				96		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.00	0.25	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	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	-0.04	-0.04	0.08	0.00	N/A	ppb
Boron	11-1	-0.02	-0.04	0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.10	0.12	0.00	N/A	ppb
Cadmium	106-1	-0.42	-1.10	1.52	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.14	-0.06	0.00	N/A	ppb
Calcium	43-1	0.26	0.01	-0.26	0.00	N/A	ppb
Calcium	44-1	0.35	0.03	-0.38	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	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	0.12	0.33	-0.44	0.00	N/A	ppb
Iron	56-2	-0.01	0.12	-0.11	0.00	N/A	ppb
Iron	57-2	-0.11	0.27	-0.16	0.00	N/A	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.22	-0.15	-0.07	0.00	N/A	ppb
Manganese	55-2	0.03	0.00	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	2.07	-11.00	-17.81	-8.91		ppb
Potassium	39-2	1.60	-1.00	-0.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.10	-0.08	0.18	0.00	N/A	ppb
Selenium	77-2	-0.19	-0.19	0.39	0.00	N/A	ppb
Selenium	78-2	0.15	0.05	-0.20	0.00	N/A	ppb
Silicon	28-1	0.17	0.60	-0.77	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.86	0.84	-1.71	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-107.67	-233.53	-313.85	-218.35		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	0.02	0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.34	21.03	20.27	20.55	2.05	ppb
Antimony	121-1	2.11	2.01	1.95	2.02	3.94	ppb
Arsenic	75-2	1.18	1.07	1.04	1.10	6.87	ppb
Barium	135-1	10.03	10.09	10.00	10.04	0.47	ppb
Barium	137-1	10.30	9.99	10.09	10.13	1.58	ppb
Beryllium	9-1	1.05	1.01	1.05	1.04	2.04	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	20.36	21.85	23.24	21.82	6.62	ppb
Boron	11-1	22.55	23.81	24.92	23.76	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.97	1.00	1.12	1.03	7.52	ppb
Cadmium	106-1	0.12	-0.48	1.40	0.34	279.05	ppb
Cadmium	108-1	1.29	0.69	1.27	1.09	31.51	ppb
Calcium	43-1	501.00	477.91	478.71	485.87	2.70	ppb
Calcium	44-1	509.47	482.50	487.13	493.03	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.99	2.01	1.98	1.97	ppb
Cobalt	59-2	0.97	1.01	1.01	1.00	2.22	ppb
Copper	63-2	1.91	1.94	1.93	1.93	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	56.41	55.36	52.87	54.88	3.31	ppb
Iron	56-2	53.06	53.09	53.08	53.08	0.03	ppb
Iron	57-2	52.71	54.65	52.02	53.13	2.56	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	0.96	0.95	0.97	3.37	ppb
Lead	207-1	1.02	0.98	0.95	0.98	3.53	ppb
Lead	208-1	0.99	0.96	0.95	0.97	2.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	518.30	511.87	519.17	516.45	0.77	ppb
Manganese	55-2	0.96	1.00	0.98	0.98	2.20	ppb
Molybdenum	94-1	5.00	4.91	5.16	5.03	2.56	ppb
Molybdenum	95-1	4.98	4.95	4.96	4.96	0.26	ppb
Molybdenum	96-1	5.03	4.98	4.70	4.90	3.62	ppb
Molybdenum	97-1	5.00	4.88	4.95	4.94	1.29	ppb
Molybdenum	98-1	4.92	4.87	4.84	4.88	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	1.07	1.04	3.36	ppb
Phosphorus	31-2	-0.15	9.22	17.67	8.91	99.98	ppb
Potassium	39-2	496.18	499.38	494.05	496.53	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	5.66	5.77	5.29	5.57	4.45	ppb
Selenium	77-2	6.36	6.50	4.03	5.63	24.69	ppb
Selenium	78-2	5.18	6.04	6.13	5.79	9.05	ppb
Silicon	28-1	13.42	11.27	11.14	11.94	10.72	ppb
Silver	107-1	0.99	0.99	1.00	0.99	0.68	ppb
Silver	109-1	1.01	0.99	0.99	1.00	1.26	ppb
Sodium	23-2	530.64	536.96	524.15	530.58	1.21	ppb
Strontium	86-1	1.07	1.06	1.11	1.08	2.52	ppb
Strontium	88-1	1.12	1.07	1.07	1.09	2.72	ppb
Sulfur	34-1	425.94	105.30	123.80	218.35	82.45	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.99	0.97	0.94	0.97	2.79	ppb
Thallium	205-1	0.96	0.94	0.93	0.94	1.58	ppb
Tin	118-1	5.19	4.92	5.07	5.06	2.59	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.30	5.00	5.08	5.12	3.01	ppb
Uranium	238-1	0.96	0.98	0.91	0.95	3.78	ppb
Vanadium	51-2	4.71	5.00	4.84	4.85	3.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.45	2.44	2.50	2.46	1.41	ppb
Zirconium	90-1	1.04	0.99	0.99	1.01	2.54	ppb
Zirconium	91-1	0.95	0.89	0.87	0.90	4.40	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1032.56	1055.74	1038.61	1042.30	1.15	ppb
Antimony	121-1	50.97	50.18	50.57	50.58	0.78	ppb
Arsenic	75-2	50.68	52.07	51.60	51.45	1.37	ppb
Barium	135-1	254.12	246.94	246.67	249.24	1.70	ppb
Barium	137-1	262.78	252.85	248.20	254.61	2.93	ppb
Beryllium	9-1	49.23	51.72	50.67	50.54	2.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	44.28	47.59	50.31	47.40	6.37	ppb
Boron	11-1	47.21	51.95	53.11	50.76	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	53.90	51.45	52.04	52.46	2.44	ppb
Cadmium	106-1	54.72	54.36	49.68	52.92	5.31	ppb
Cadmium	108-1	48.92	53.23	53.87	52.01	5.18	ppb
Calcium	43-1	5067.82	5210.40	5056.05	5111.43	1.68	ppb
Calcium	44-1	5050.29	5049.13	4871.76	4990.39	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.78	50.09	50.02	49.96	0.33	ppb
Cobalt	59-2	49.98	49.75	50.05	49.93	0.31	ppb
Copper	63-2	533.25	523.05	530.41	528.90	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2688.85	2720.74	2698.71	2702.77	0.60	ppb
Iron	56-2	2749.01	2722.01	2725.68	2732.24	0.54	ppb
Iron	57-2	2650.92	2669.60	2658.96	2659.82	0.35	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	241.96	256.76	245.71	248.14	3.10	ppb
Lead	207-1	244.19	257.46	252.81	251.48	2.68	ppb
Lead	208-1	243.99	254.09	248.60	248.89	2.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	5445.56	5474.91	5464.47	5461.65	0.27	ppb
Manganese	55-2	504.63	500.62	497.34	500.86	0.73	ppb
Molybdenum	94-1	244.68	254.68	244.65	248.00	2.33	ppb
Molybdenum	95-1	246.22	256.34	242.20	248.25	2.93	ppb
Molybdenum	96-1	246.71	257.20	247.87	250.60	2.30	ppb
Molybdenum	97-1	246.95	253.67	248.04	249.55	1.44	ppb
Molybdenum	98-1	240.80	253.98	247.15	247.31	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.35	52.94	51.10	51.80	1.92	ppb
Phosphorus	31-2	1071.26	983.51	1006.98	1020.58	4.45	ppb
Potassium	39-2	2543.18	2606.45	2605.04	2584.89	1.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	51.74	52.94	51.38	52.02	1.57	ppb
Selenium	77-2	52.99	45.91	55.81	51.57	9.89	ppb
Selenium	78-2	51.16	51.31	48.16	50.21	3.54	ppb
Silicon	28-1	62.48	67.59	64.33	64.80	3.99	ppb
Silver	107-1	53.15	52.65	52.70	52.83	0.52	ppb
Silver	109-1	51.82	51.76	51.35	51.64	0.50	ppb
Sodium	23-2	5407.32	5492.86	5301.05	5400.41	1.78	ppb
Strontium	86-1	503.30	515.75	501.16	506.73	1.55	ppb
Strontium	88-1	499.77	509.74	496.70	502.07	1.36	ppb
Sulfur	34-1	1094.89	1118.08	750.70	987.89	20.83	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	46.67	50.24	47.65	48.18	3.83	ppb
Thallium	205-1	46.77	50.14	47.81	48.24	3.57	ppb
Tin	118-1	51.27	51.82	50.52	51.20	1.27	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	250.34	261.42	251.85	254.53	2.36	ppb
Uranium	238-1	46.87	50.08	48.74	48.56	3.32	ppb
Vanadium	51-2	49.07	49.53	49.34	49.31	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	533.36	525.52	536.74	531.87	1.08	ppb
Zirconium	90-1	49.19	50.66	49.52	49.79	1.55	ppb
Zirconium	91-1	48.35	49.84	48.92	49.04	1.54	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2559.54	2568.16	2608.61	2578.77	1.02	ppb
Antimony	121-1	130.15	132.63	130.72	131.16	0.99	ppb
Arsenic	75-2	129.12	130.38	132.20	130.57	1.19	ppb
Barium	135-1	651.41	651.35	657.87	653.54	0.57	ppb
Barium	137-1	655.49	652.78	664.12	657.46	0.90	ppb
Beryllium	9-1	126.79	129.86	130.59	129.08	1.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	112.62	125.19	129.11	122.31	7.05	ppb
Boron	11-1	122.33	131.62	139.05	131.00	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	135.03	134.18	138.40	135.87	1.64	ppb
Cadmium	106-1	140.01	133.82	138.58	137.47	2.36	ppb
Cadmium	108-1	133.67	136.18	133.72	134.53	1.07	ppb
Calcium	43-1	12737.99	12715.80	13139.04	12864.27	1.85	ppb
Calcium	44-1	12287.92	12457.79	12558.29	12434.67	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.60	122.29	126.03	123.97	1.53	ppb
Cobalt	59-2	125.42	126.03	126.74	126.07	0.53	ppb
Copper	63-2	1315.51	1303.21	1314.24	1310.99	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	6726.05	6724.73	6882.23	6777.67	1.34	ppb
Iron	56-2	6718.09	6949.94	6745.01	6804.35	1.86	ppb
Iron	57-2	6555.64	6537.31	6628.40	6573.79	0.73	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	616.92	629.61	623.72	623.42	1.02	ppb
Lead	207-1	621.14	625.74	622.83	623.24	0.37	ppb
Lead	208-1	618.01	623.37	628.11	623.16	0.81	ppb
Lithium	6-1				97		%
Magnesium	24-2	13496.25	13444.86	14040.94	13660.68	2.42	ppb
Manganese	55-2	1255.81	1287.07	1285.87	1276.25	1.39	ppb
Molybdenum	94-1	630.85	617.75	671.98	640.19	4.42	ppb
Molybdenum	95-1	628.53	631.32	657.75	639.20	2.52	ppb
Molybdenum	96-1	616.66	627.20	655.41	633.09	3.16	ppb
Molybdenum	97-1	616.12	627.58	665.32	636.34	4.04	ppb
Molybdenum	98-1	611.76	623.76	650.38	628.63	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.79	125.46	128.74	127.00	1.30	ppb
Phosphorus	31-2	2498.68	2538.01	2527.16	2521.28	0.81	ppb
Potassium	39-2	6348.02	6392.63	6496.53	6412.39	1.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	129.81	131.49	134.81	132.04	1.93	ppb
Selenium	77-2	127.37	135.29	124.82	129.16	4.22	ppb
Selenium	78-2	134.70	129.37	135.73	133.26	2.56	ppb
Silicon	28-1	113.54	123.45	125.57	120.86	5.31	ppb
Silver	107-1	138.47	135.94	137.59	137.33	0.93	ppb
Silver	109-1	135.76	137.12	137.15	136.67	0.58	ppb
Sodium	23-2	12990.34	13318.25	13620.11	13309.57	2.37	ppb
Strontium	86-1	1260.98	1244.98	1287.94	1264.64	1.72	ppb
Strontium	88-1	1274.80	1239.44	1282.20	1265.48	1.81	ppb
Sulfur	34-1	2851.99	2944.07	2923.19	2906.42	1.66	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	123.20	120.84	123.27	122.44	1.13	ppb
Thallium	205-1	123.43	123.36	126.19	124.33	1.30	ppb
Tin	118-1	131.59	132.80	132.90	132.43	0.55	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	639.28	654.89	666.14	653.44	2.06	ppb
Uranium	238-1	125.07	124.03	128.61	125.90	1.91	ppb
Vanadium	51-2	121.91	122.88	124.75	123.18	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1302.29	1318.19	1338.87	1319.78	1.39	ppb
Zirconium	90-1	127.06	127.39	128.88	127.78	0.76	ppb
Zirconium	91-1	122.59	124.56	126.42	124.52	1.54	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:42:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5135.23	5164.98	5046.36	5115.52	1.21	ppb
Antimony	121-1	260.37	263.65	260.58	261.53	0.70	ppb
Arsenic	75-2	253.55	250.43	250.34	251.44	0.73	ppb
Barium	135-1	1283.63	1299.22	1270.76	1284.53	1.11	ppb
Barium	137-1	1242.08	1279.24	1289.51	1270.28	1.96	ppb
Beryllium	9-1	248.06	258.00	252.48	252.85	1.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	226.02	245.34	251.43	240.93	5.50	ppb
Boron	11-1	240.39	265.77	271.28	259.15	6.36	ppb
Bromine	81-1						cps
Cadmium	111-1	257.68	265.34	265.27	262.76	1.67	ppb
Cadmium	106-1	258.47	270.02	270.05	266.18	2.51	ppb
Cadmium	108-1	255.30	263.74	270.20	263.08	2.84	ppb
Calcium	43-1	25225.80	25337.96	26571.20	25711.65	2.90	ppb
Calcium	44-1	24907.07	24415.39	25330.95	24884.47	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.55	246.68	245.32	245.85	0.30	ppb
Cobalt	59-2	254.55	252.01	247.29	251.28	1.47	ppb
Copper	63-2	2540.21	2537.10	2474.65	2517.32	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	13653.19	13871.62	13240.84	13588.55	2.36	ppb
Iron	56-2	13609.54	13206.87	13177.44	13331.28	1.81	ppb
Iron	57-2	13136.41	12925.70	12874.79	12978.97	1.07	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:42:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1255.02	1208.18	1234.94	1232.71	1.91	ppb
Lead	207-1	1274.13	1245.61	1238.99	1252.91	1.49	ppb
Lead	208-1	1262.39	1243.67	1236.38	1247.48	1.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	27007.25	27409.71	26773.85	27063.60	1.19	ppb
Manganese	55-2	2581.14	2475.76	2460.77	2505.89	2.62	ppb
Molybdenum	94-1	1246.14	1282.50	1220.86	1249.83	2.48	ppb
Molybdenum	95-1	1241.77	1282.90	1212.22	1245.63	2.85	ppb
Molybdenum	96-1	1249.34	1294.00	1239.22	1260.85	2.31	ppb
Molybdenum	97-1	1240.85	1297.63	1244.12	1260.87	2.53	ppb
Molybdenum	98-1	1240.20	1278.27	1239.19	1252.55	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.52	248.07	244.39	246.99	0.92	ppb
Phosphorus	31-2	5192.53	5025.35	5000.61	5072.83	2.06	ppb
Potassium	39-2	12970.74	12921.71	12603.23	12831.89	1.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	258.89	262.38	255.84	259.04	1.26	ppb
Selenium	77-2	251.64	243.61	247.92	247.72	1.62	ppb
Selenium	78-2	256.24	250.94	253.58	253.59	1.04	ppb
Silicon	28-1	232.58	251.81	276.01	253.47	8.59	ppb
Silver	107-1	266.25	272.00	270.97	269.74	1.14	ppb
Silver	109-1	256.50	265.59	270.14	264.08	2.63	ppb
Sodium	23-2	26418.26	26713.22	26423.65	26518.38	0.64	ppb
Strontium	86-1	2575.99	2579.56	2513.73	2556.43	1.45	ppb
Strontium	88-1	2530.30	2536.96	2515.39	2527.55	0.44	ppb
Sulfur	34-1	5664.84	5930.37	6489.99	6028.40	6.99	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	258.66	241.71	260.52	253.63	4.09	ppb
Thallium	205-1	254.91	243.55	254.39	250.95	2.56	ppb
Tin	118-1	252.91	259.73	258.45	257.03	1.41	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:42:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1270.81	1246.97	1350.84	1289.54	4.22	ppb
Uranium	238-1	248.02	249.70	244.73	247.48	1.02	ppb
Vanadium	51-2	245.72	244.99	241.73	244.14	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2609.03	2560.43	2504.94	2558.14	2.04	ppb
Zirconium	90-1	246.41	252.67	250.16	249.74	1.26	ppb
Zirconium	91-1	244.31	251.09	243.82	246.40	1.65	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10253.46	10190.99	11162.48	10535.64	5.16	ppb
Antimony	121-1	524.61	504.11	517.55	515.42	2.02	ppb
Arsenic	75-2	507.80	512.80	554.48	525.02	4.88	ppb
Barium	135-1	2597.86	2413.09	2535.91	2515.62	3.74	ppb
Barium	137-1	2577.99	2415.53	2469.53	2487.68	3.33	ppb
Beryllium	9-1	501.57	519.84	497.96	506.46	2.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	453.87	497.13	494.35	481.78	5.03	ppb
Boron	11-1	446.05	492.98	502.93	480.66	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	514.99	519.62	504.05	512.89	1.56	ppb
Cadmium	106-1	524.59	499.96	517.26	513.94	2.46	ppb
Cadmium	108-1	518.90	500.67	516.04	511.87	1.91	ppb
Calcium	43-1	51403.96	51048.77	52836.10	51762.94	1.83	ppb
Calcium	44-1	49263.19	49060.03	49521.09	49281.44	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.14	510.44	554.95	522.85	5.36	ppb
Cobalt	59-2	505.51	505.68	558.11	523.10	5.80	ppb
Copper	63-2	5078.14	4936.30	5473.75	5162.73	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				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	27109.29	27248.83	28907.57	27755.23	3.60	ppb
Iron	56-2	26540.69	26300.43	28321.10	27054.07	4.08	ppb
Iron	57-2	26839.83	26753.76	29021.24	27538.28	4.67	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2532.47	2450.81	2484.52	2489.27	1.65	ppb
Lead	207-1	2588.71	2461.34	2528.78	2526.28	2.52	ppb
Lead	208-1	2536.27	2472.14	2500.85	2503.09	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	53388.06	53213.13	58252.83	54951.34	5.21	ppb
Manganese	55-2	4994.36	4931.37	5363.85	5096.52	4.58	ppb
Molybdenum	94-1	2568.19	2465.31	2409.48	2480.99	3.25	ppb
Molybdenum	95-1	2583.66	2455.13	2433.24	2490.68	3.26	ppb
Molybdenum	96-1	2558.93	2511.06	2423.29	2497.76	2.75	ppb
Molybdenum	97-1	2554.26	2476.90	2316.09	2449.08	4.96	ppb
Molybdenum	98-1	2561.43	2500.30	2358.04	2473.25	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.18	489.09	537.54	505.27	5.53	ppb
Phosphorus	31-2	10033.58	9881.03	10739.60	10218.07	4.48	ppb
Potassium	39-2	25392.59	25032.57	27942.99	26122.71	6.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	520.82	507.66	490.52	506.34	3.00	ppb
Selenium	77-2	510.00	522.54	540.01	524.18	2.88	ppb
Selenium	78-2	522.92	519.33	556.60	532.95	3.86	ppb
Silicon	28-1	502.96	513.80	531.88	516.21	2.83	ppb
Silver	107-1	527.25	503.78	524.96	518.66	2.50	ppb
Silver	109-1	515.82	514.09	504.15	511.35	1.23	ppb
Sodium	23-2	53183.63	52544.91	56767.21	54165.25	4.20	ppb
Strontium	86-1	5158.77	4950.28	4886.10	4998.38	2.85	ppb
Strontium	88-1	5172.79	4896.58	4786.59	4951.98	4.02	ppb
Sulfur	34-1	9685.96	9007.16	9031.54	9241.55	4.17	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	522.06	490.95	499.33	504.11	3.19	ppb
Thallium	205-1	516.01	489.32	500.73	502.02	2.67	ppb
Tin	118-1	515.87	505.61	516.78	512.75	1.21	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2564.42	2473.92	2517.90	2518.75	1.80	ppb
Uranium	238-1	507.01	495.27	497.37	499.88	1.25	ppb
Vanadium	51-2	489.77	499.50	533.83	507.70	4.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	5288.28	5031.84	5598.45	5306.19	5.35	ppb
Zirconium	90-1	516.07	498.48	488.92	501.16	2.75	ppb
Zirconium	91-1	522.51	498.49	493.11	504.70	3.10	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20474.71	20898.70	19972.03	20448.48	2.27	ppb
Antimony	121-1	986.54	984.88	994.40	988.61	0.51	ppb
Arsenic	75-2	956.71	1007.80	994.57	986.36	2.69	ppb
Barium	135-1	5071.26	4914.42	4954.41	4980.03	1.64	ppb
Barium	137-1	5030.81	4889.75	5069.84	4996.80	1.90	ppb
Beryllium	9-1	1027.23	994.30	965.03	995.52	3.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	1009.14	1020.16	1006.47	1011.92	0.72	ppb
Boron	11-1	982.45	1014.11	1023.32	1006.63	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	1001.01	993.55	972.09	988.88	1.52	ppb
Cadmium	106-1	978.20	977.50	1006.15	987.28	1.66	ppb
Cadmium	108-1	988.64	981.26	998.61	989.50	0.88	ppb
Calcium	43-1	102636.54	100581.96	100833.29	101350.60	1.11	ppb
Calcium	44-1	99775.61	97243.18	98066.00	98361.60	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.98	1013.37	964.89	989.74	2.45	ppb
Cobalt	59-2	987.57	995.80	980.64	988.00	0.77	ppb
Copper	63-2	9978.92	10003.64	9733.15	9905.24	1.51	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				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	53957.92	53688.28	51675.42	53107.21	2.35	ppb
Iron	56-2	52991.23	53203.85	52637.71	52944.26	0.54	ppb
Iron	57-2	54167.94	53669.63	54363.01	54066.86	0.66	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4921.12	5090.51	5018.31	5009.98	1.70	ppb
Lead	207-1	4920.86	5035.60	5002.38	4986.28	1.18	ppb
Lead	208-1	4973.56	5016.48	5008.08	4999.37	0.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	105403.90	109483.71	104897.27	106594.96	2.36	ppb
Manganese	55-2	9936.05	10134.72	9770.05	9946.94	1.84	ppb
Molybdenum	94-1	5122.21	4922.12	4978.91	5007.75	2.06	ppb
Molybdenum	95-1	5117.27	4927.61	4967.32	5004.07	2.00	ppb
Molybdenum	96-1	5115.12	5004.63	4872.35	4997.37	2.43	ppb
Molybdenum	97-1	5116.02	5010.13	4937.89	5021.35	1.78	ppb
Molybdenum	98-1	5126.74	5009.45	4901.05	5012.42	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.56	1005.70	991.07	997.78	0.74	ppb
Phosphorus	31-2	19834.50	19944.65	19828.07	19869.07	0.33	ppb
Potassium	39-2	50902.38	51016.54	48963.88	50294.27	2.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	1010.64	986.54	983.59	993.59	1.49	ppb
Selenium	77-2	971.78	982.25	1009.59	987.88	1.98	ppb
Selenium	78-2	954.61	1010.84	979.30	981.58	2.87	ppb
Silicon	28-1	952.26	990.53	1029.57	990.79	3.90	ppb
Silver	107-1	978.65	979.26	994.24	984.05	0.90	ppb
Silver	109-1	990.26	985.10	992.43	989.26	0.38	ppb
Sodium	23-2	105624.82	108358.55	103473.53	105818.97	2.31	ppb
Strontium	86-1	10210.72	9848.56	9894.33	9984.54	1.98	ppb
Strontium	88-1	10258.25	9867.39	9919.61	10015.08	2.12	ppb
Sulfur	34-1	20501.43	19732.44	19981.91	20071.93	1.95	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	998.19	988.80	1005.36	997.45	0.83	ppb
Thallium	205-1	994.58	1003.48	998.71	998.92	0.45	ppb
Tin	118-1	994.41	994.11	984.12	990.88	0.59	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4991.24	4858.16	5081.48	4976.96	2.26	ppb
Uranium	238-1	998.36	1011.69	991.89	1000.65	1.01	ppb
Vanadium	51-2	980.34	1017.54	995.75	997.88	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9806.22	10007.47	9652.47	9822.05	1.81	ppb
Zirconium	90-1	1017.88	995.17	984.40	999.15	1.71	ppb
Zirconium	91-1	1019.39	990.13	986.44	998.66	1.81	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98896.58	98522.97	102126.17	99848.57	1.98	ppb
Antimony	121-1	0.89	0.88	0.94	0.90	3.50	ppb
Arsenic	75-2	0.33	0.31	0.25	0.30	13.12	ppb
Barium	135-1	1.43	1.57	1.57	1.52	5.34	ppb
Barium	137-1	1.62	1.55	1.51	1.56	3.70	ppb
Beryllium	9-1	0.11	0.09	0.09	0.10	10.06	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	107.59	92.70	86.44	95.58	11.36	ppb
Boron	11-1	114.63	98.14	91.47	101.41	11.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.26	0.20	0.17	63.52	ppb
Cadmium	106-1	-2.81	0.33	-0.90	-1.13		ppb
Cadmium	108-1	0.76	0.67	0.95	0.79	17.93	ppb
Calcium	43-1	500847.05	494011.81	503664.54	499507.80	0.99	ppb
Calcium	44-1	499292.78	496274.87	505653.50	500407.05	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.00	5.92	5.95	5.96	0.65	ppb
Cobalt	59-2	1.39	1.34	1.33	1.35	2.21	ppb
Copper	63-2	3.40	3.31	3.30	3.34	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	54-2	254392.99	247714.16	244993.02	249033.39	1.94	ppb
Iron	56-2	247883.68	246793.27	252767.04	249147.99	1.28	ppb
Iron	57-2	252068.28	246824.77	247804.43	248899.16	1.12	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.52	2.56	2.65	2.57	2.43	ppb
Lead	207-1	2.66	2.55	2.62	2.61	1.99	ppb
Lead	208-1	2.62	2.57	2.66	2.62	1.82	ppb
Lithium	6-1				89		%
Magnesium	24-2	503486.78	487288.14	503372.20	498049.04	1.87	ppb
Manganese	55-2	9.01	8.83	8.61	8.82	2.29	ppb
Molybdenum	94-1	1.67	1.56	1.54	1.59	4.28	ppb
Molybdenum	95-1	2.00	1.84	1.87	1.90	4.61	ppb
Molybdenum	96-1	2.48	2.35	2.29	2.37	4.14	ppb
Molybdenum	97-1	1.83	1.87	1.73	1.81	3.98	ppb
Molybdenum	98-1	1.89	1.71	1.73	1.78	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.83	4.62	4.49	4.65	3.72	ppb
Phosphorus	31-2	0.92	-12.64	5.67	-2.01		ppb
Potassium	39-2	251746.44	248926.88	248748.82	249807.38	0.67	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				102		%
Selenium	82-1	0.27	0.17	0.21	0.22	23.05	ppb
Selenium	77-2	0.94	-0.19	-0.19	0.19	353.37	ppb
Selenium	78-2	0.54	0.01	0.21	0.25	104.63	ppb
Silicon	28-1	71.12	73.59	74.95	73.22	2.65	ppb
Silver	107-1	0.32	0.30	0.29	0.31	4.40	ppb
Silver	109-1	0.33	0.31	0.31	0.32	4.44	ppb
Sodium	23-2	495351.23	499793.28	499813.95	498319.49	0.52	ppb
Strontium	86-1	2.53	2.67	2.68	2.62	3.11	ppb
Strontium	88-1	2.69	2.60	2.67	2.66	1.85	ppb
Sulfur	34-1	-1731.34	-1622.86	-1420.00	-1591.40		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.21	0.20	0.21	3.60	ppb
Thallium	205-1	0.22	0.19	0.18	0.19	10.54	ppb
Tin	118-1	0.38	0.40	0.35	0.38	7.72	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.66	1.65	1.66	1.65	0.39	ppb
Uranium	238-1	0.14	0.13	0.14	0.14	5.24	ppb
Vanadium	51-2	0.19	0.16	0.21	0.19	12.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	22.94	22.53	21.91	22.46	2.31	ppb
Zirconium	90-1	0.16	0.16	0.14	0.16	6.12	ppb
Zirconium	91-1	0.13	0.17	0.18	0.16	14.80	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICV028	Instrumnet Name :	P8
Client Sample ID :	ICV028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:04:51	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.20	508.73	501.98	501.97	1.35	ppb
Antimony	121-1	210.04	208.62	208.84	209.17	0.37	ppb
Arsenic	75-2	209.17	211.54	211.73	210.81	0.68	ppb
Barium	135-1	102.40	102.14	100.50	101.68	1.01	ppb
Barium	137-1	106.27	101.93	104.13	104.11	2.08	ppb
Beryllium	9-1	103.47	103.85	104.97	104.10	0.75	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	10.57	10.31	10.29	10.39	1.52	ppb
Boron	11-1	11.57	11.30	10.99	11.29	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	106.31	105.02	107.33	106.22	1.09	ppb
Cadmium	106-1	86.54	84.37	85.10	85.34	1.29	ppb
Cadmium	108-1	96.54	91.93	93.10	93.86	2.56	ppb
Calcium	43-1	1898.66	1913.25	1863.96	1891.96	1.34	ppb
Calcium	44-1	1924.20	1919.67	1917.52	1920.46	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.63	98.58	98.70	98.64	0.06	ppb
Cobalt	59-2	100.61	101.90	100.92	101.14	0.67	ppb
Copper	63-2	102.01	105.03	103.48	103.51	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	2116.46	2161.07	2132.04	2136.52	1.06	ppb
Iron	56-2	2109.59	2111.65	2111.19	2110.81	0.05	ppb
Iron	57-2	1994.11	2074.61	2091.99	2053.57	2.54	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICV028	Instrumnet Name :	P8
Client Sample ID :	ICV028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:04:51	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	206.70	214.09	213.72	211.50	1.97	ppb
Lead	207-1	192.42	193.77	197.64	194.61	1.39	ppb
Lead	208-1	201.50	206.48	210.27	206.08	2.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	1219.04	1225.03	1197.15	1213.74	1.21	ppb
Manganese	55-2	97.39	99.61	97.22	98.07	1.36	ppb
Molybdenum	94-1	0.11	0.05	0.05	0.07	47.58	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	25.66	ppb
Molybdenum	96-1	0.07	0.09	0.08	0.08	10.21	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	10.44	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	26.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.56	101.99	101.68	101.07	1.31	ppb
Phosphorus	31-2	0.14	-0.63	-4.83	-1.78		ppb
Potassium	39-2	1961.78	1998.69	1929.87	1963.44	1.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	213.26	220.07	223.30	218.88	2.34	ppb
Selenium	77-2	218.80	210.95	223.33	217.69	2.88	ppb
Selenium	78-2	220.09	216.55	214.82	217.15	1.24	ppb
Silicon	28-1	5.78	5.21	6.10	5.69	7.92	ppb
Silver	107-1	52.07	51.99	51.38	51.81	0.72	ppb
Silver	109-1	52.58	51.82	51.86	52.09	0.82	ppb
Sodium	23-2	2084.22	2100.83	2064.61	2083.22	0.87	ppb
Strontium	86-1	0.26	0.32	0.31	0.30	10.56	ppb
Strontium	88-1	0.26	0.27	0.26	0.26	1.71	ppb
Sulfur	34-1	-798.18	-772.39	-864.65	-811.74		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	209.56	213.64	217.27	213.49	1.81	ppb
Thallium	205-1	209.27	214.22	212.38	211.96	1.18	ppb
Tin	118-1	0.01	0.03	0.01	0.02	73.67	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICV028	Instrumnet Name :	P8
Client Sample ID :	ICV028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:04:51	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.07	0.05	0.04	60.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.27	ppb
Vanadium	51-2	95.93	98.34	97.29	97.19	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	206.58	205.67	205.93	206.06	0.23	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	38.14	ppb
Zirconium	91-1	0.09	0.04	0.09	0.07	39.10	ppb

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : ICB028 Instrumnet Name : P8
 Client Sample ID : ICB028 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:11:08 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.04	-0.27	-0.11		ppb
Antimony	121-1	0.05	0.05	0.06	0.05	13.25	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00		ppb
Barium	135-1	0.01	0.03	0.02	0.02	32.23	ppb
Barium	137-1	0.01	0.02	0.01	0.01	31.69	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	49.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	6.61	6.57	6.66	6.61	0.62	ppb
Boron	11-1	7.49	7.12	7.27	7.29	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.29	-0.20	-0.18	-0.22		ppb
Cadmium	106-1	-4.06	-2.88	-2.67	-3.20		ppb
Cadmium	108-1	-0.10	-0.19	-0.19	-0.16		ppb
Calcium	43-1	-0.57	-0.90	0.15	-0.44		ppb
Calcium	44-1	1.10	-0.96	1.18	0.44	274.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	57.96	ppb
Copper	63-2	0.02	0.00	0.04	0.02	109.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	-0.16	0.07	-0.53	-0.21		ppb
Iron	56-2	-0.09	-0.05	-0.18	-0.11		ppb
Iron	57-2	-0.69	-0.33	-0.41	-0.48		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICB028	Instrumnet Name :	P8
Client Sample ID :	ICB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:11:08	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.05	9.12	ppb
Lead	207-1	0.06	0.05	0.06	0.05	9.94	ppb
Lead	208-1	0.06	0.05	0.06	0.06	10.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.12	0.11	0.02	0.08	65.25	ppb
Manganese	55-2	0.01	0.02	0.00	0.01	117.10	ppb
Molybdenum	94-1	0.00	0.02	0.01	0.01	85.65	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.01	196.61	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	1033.50	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	9.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-8.28	-10.24	-6.33	-8.28		ppb
Potassium	39-2	7.17	5.01	9.86	7.35	33.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.23	-0.09	0.19	0.11	155.08	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.08	-0.07	-0.37	-0.18		ppb
Silicon	28-1	0.32	-1.27	0.96	0.00	83716.40	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.67	ppb
Sodium	23-2	13.08	12.05	12.93	12.69	4.39	ppb
Strontium	86-1	0.00	0.05	0.02	0.02	106.25	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	666.14	ppb
Sulfur	34-1	-885.32	-1025.83	-643.64	-851.60		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.02	-0.01	0.00	0.00	505.55	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	104.76	ppb
Tin	118-1	0.04	-0.02	-0.02	0.00	1830.51	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICB028	Instrumnet Name :	P8
Client Sample ID :	ICB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:11:08	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.01	0.04	0.02	94.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.19	0.10	-0.02	0.09	119.72	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	2273.16	ppb
Zirconium	91-1	0.00	0.01	-0.02	-0.01		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSA028	Instrumnet Name :	P8
Client Sample ID :	ICSA028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:14:10	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94831.05	92171.44	92620.00	93207.49	1.53	ppb
Antimony	121-1	1.10	1.15	1.18	1.15	3.39	ppb
Arsenic	75-2	0.34	0.25	0.27	0.29	16.12	ppb
Barium	135-1	1.28	1.41	1.22	1.30	7.22	ppb
Barium	137-1	1.43	1.34	1.19	1.32	9.19	ppb
Beryllium	9-1	0.26	0.25	0.28	0.26	4.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	7.42	6.87	6.95	7.08	4.15	ppb
Boron	11-1	7.66	7.32	7.43	7.47	2.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.14	0.06	0.11	42.41	ppb
Cadmium	106-1	-3.87	-4.95	-6.82	-5.21		ppb
Cadmium	108-1	15.15	13.77	13.12	14.01	7.41	ppb
Calcium	43-1	90947.27	88451.88	90267.31	89888.82	1.44	ppb
Calcium	44-1	91430.06	91444.46	91444.13	91439.55	0.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.77	18.79	18.79	18.78	0.05	ppb
Cobalt	59-2	1.12	1.10	1.11	1.11	0.82	ppb
Copper	63-2	7.37	7.31	7.53	7.40	1.55	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				101		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	100379.06	100720.69	98062.71	99720.82	1.45	ppb
Iron	56-2	103838.02	101513.24	102928.33	102759.86	1.14	ppb
Iron	57-2	101423.75	102315.06	101339.24	101692.68	0.53	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSA028	Instrumnet Name :	P8
Client Sample ID :	ICSA028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:14:10	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.55	4.68	4.46	4.56	2.43	ppb
Lead	207-1	4.35	4.17	4.04	4.19	3.69	ppb
Lead	208-1	4.36	4.42	4.24	4.34	2.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	96193.46	96019.77	95898.53	96037.25	0.15	ppb
Manganese	55-2	6.88	6.98	6.84	6.90	1.06	ppb
Molybdenum	94-1	1315.34	1309.97	1269.47	1298.26	1.93	ppb
Molybdenum	95-1	1817.95	1830.88	1808.19	1819.01	0.63	ppb
Molybdenum	96-1	1789.99	1793.52	1766.10	1783.20	0.84	ppb
Molybdenum	97-1	1842.87	1835.98	1874.18	1851.01	1.10	ppb
Molybdenum	98-1	1819.31	1864.48	1880.65	1854.81	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	5.07	5.12	5.10	0.49	ppb
Phosphorus	31-2	94848.94	92099.89	94189.36	93712.73	1.53	ppb
Potassium	39-2	97446.62	94261.54	96480.20	96062.79	1.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.34	0.40	0.14	0.29	45.26	ppb
Selenium	77-2	0.39	-0.19	0.37	0.19	175.14	ppb
Selenium	78-2	-0.13	-0.02	0.16	0.00	5103.40	ppb
Silicon	28-1	23.63	24.11	24.11	23.95	1.17	ppb
Silver	107-1	0.06	0.05	0.05	0.05	10.55	ppb
Silver	109-1	0.05	0.06	0.04	0.05	17.82	ppb
Sodium	23-2	102055.28	101879.86	101468.27	101801.14	0.30	ppb
Strontium	86-1	34.03	34.00	33.33	33.78	1.17	ppb
Strontium	88-1	33.09	33.78	32.99	33.28	1.30	ppb
Sulfur	34-1	98470.44	96929.79	95589.50	96996.58	1.49	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.05	0.05	11.25	ppb
Thallium	205-1	0.04	0.05	0.07	0.05	22.90	ppb
Tin	118-1	0.08	0.07	0.08	0.08	7.06	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSA028	Instrumnet Name :	P8
Client Sample ID :	ICSA028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:14:10	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1965.13	1981.38	1995.83	1980.78	0.78	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	20.47	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	6.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	10.33	10.29	10.61	10.41	1.69	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	71.26	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	86.23	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSAB028	Instrumnet Name :	P8
Client Sample ID :	ICSAB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:17:05	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89000.97	89117.26	89035.58	89051.27	0.07	ppb
Antimony	121-1	20.55	20.92	21.48	20.98	2.23	ppb
Arsenic	75-2	19.32	19.69	19.87	19.63	1.42	ppb
Barium	135-1	20.29	20.96	21.63	20.96	3.18	ppb
Barium	137-1	20.97	21.20	22.13	21.43	2.88	ppb
Beryllium	9-1	19.83	19.99	19.51	19.77	1.25	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	54.41	56.15	58.27	56.28	3.44	ppb
Boron	11-1	57.97	61.24	63.55	60.92	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	19.59	19.79	20.28	19.89	1.78	ppb
Cadmium	106-1	18.29	17.51	20.40	18.73	7.97	ppb
Cadmium	108-1	34.29	33.51	35.77	34.52	3.32	ppb
Calcium	43-1	89522.51	88529.91	92694.36	90248.93	2.41	ppb
Calcium	44-1	89026.07	88506.27	91182.31	89571.55	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.16	37.46	37.65	37.42	0.67	ppb
Cobalt	59-2	20.32	20.35	20.14	20.27	0.58	ppb
Copper	63-2	26.27	26.73	26.48	26.49	0.86	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				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	96567.16	97528.93	97916.73	97337.61	0.71	ppb
Iron	56-2	98917.63	98670.65	99936.01	99174.76	0.68	ppb
Iron	57-2	98653.83	96802.29	99394.42	98283.51	1.36	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSAB028	Instrumnet Name :	P8
Client Sample ID :	ICSAB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:17:05	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.16	23.74	24.39	23.76	2.58	ppb
Lead	207-1	23.08	23.01	22.99	23.03	0.21	ppb
Lead	208-1	23.22	23.27	23.36	23.28	0.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	91374.63	92820.10	92757.46	92317.40	0.89	ppb
Manganese	55-2	25.65	25.33	25.88	25.62	1.08	ppb
Molybdenum	94-1	1331.47	1327.25	1346.00	1334.91	0.74	ppb
Molybdenum	95-1	1816.04	1782.08	1804.80	1800.97	0.96	ppb
Molybdenum	96-1	1768.90	1759.44	1745.44	1757.93	0.67	ppb
Molybdenum	97-1	1799.91	1808.92	1781.96	1796.93	0.76	ppb
Molybdenum	98-1	1801.40	1763.07	1795.02	1786.50	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.61	23.59	23.73	23.64	0.31	ppb
Phosphorus	31-2	90287.24	89122.10	91691.48	90366.94	1.42	ppb
Potassium	39-2	92286.48	92212.46	93169.23	92556.05	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	19.94	20.06	19.50	19.83	1.49	ppb
Selenium	77-2	26.97	19.20	22.54	22.91	17.02	ppb
Selenium	78-2	19.85	19.04	18.56	19.15	3.42	ppb
Silicon	28-1	26.10	27.30	30.15	27.85	7.46	ppb
Silver	107-1	19.36	18.97	19.65	19.33	1.77	ppb
Silver	109-1	18.99	18.71	19.57	19.09	2.31	ppb
Sodium	23-2	94433.35	98216.94	98230.55	96960.28	2.26	ppb
Strontium	86-1	81.19	80.84	81.28	81.10	0.29	ppb
Strontium	88-1	84.86	81.67	83.03	83.19	1.92	ppb
Sulfur	34-1	98929.71	99862.97	102094.46	100295.72	1.62	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	19.92	20.10	20.20	20.07	0.71	ppb
Thallium	205-1	19.86	20.25	20.48	20.19	1.55	ppb
Tin	118-1	48.79	47.00	50.03	48.61	3.14	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSAB028	Instrumnet Name :	P8
Client Sample ID :	ICSAB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:17:05	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1933.39	1957.17	1926.69	1939.08	0.83	ppb
Uranium	238-1	49.91	50.98	50.96	50.61	1.21	ppb
Vanadium	51-2	19.01	18.83	19.11	18.98	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	29.17	29.57	29.24	29.33	0.73	ppb
Zirconium	90-1	49.07	49.53	49.54	49.38	0.54	ppb
Zirconium	91-1	48.24	48.60	49.43	48.76	1.25	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54794.36	51983.18	52058.19	52945.24	3.03	ppb
Antimony	121-1	494.54	502.50	511.73	502.92	1.71	ppb
Arsenic	75-2	550.86	530.92	512.09	531.29	3.65	ppb
Barium	135-1	2507.17	2525.92	2629.57	2554.22	2.58	ppb
Barium	137-1	2531.97	2530.01	2628.40	2563.46	2.19	ppb
Beryllium	9-1	505.72	507.78	491.92	501.81	1.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	486.49	504.78	495.85	495.71	1.84	ppb
Boron	11-1	474.54	495.09	478.97	482.87	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	508.07	521.45	535.13	521.55	2.59	ppb
Cadmium	106-1	505.37	516.11	537.42	519.63	3.14	ppb
Cadmium	108-1	501.60	521.48	528.36	517.14	2.69	ppb
Calcium	43-1	255237.21	246829.02	267648.87	256571.70	4.08	ppb
Calcium	44-1	257532.67	243015.85	268789.81	256446.11	5.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	536.91	511.04	510.06	519.34	2.93	ppb
Cobalt	59-2	533.53	492.13	490.91	505.52	4.80	ppb
Copper	63-2	5364.56	5019.54	5039.87	5141.32	3.77	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				101		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	137127.38	131901.50	129453.73	132827.54	2.95	ppb
Iron	56-2	139647.18	131101.11	130390.68	133712.99	3.85	ppb
Iron	57-2	139756.80	128712.49	131099.93	133189.74	4.36	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2563.85	2497.69	2644.96	2568.83	2.87	ppb
Lead	207-1	2617.51	2559.87	2672.34	2616.57	2.15	ppb
Lead	208-1	2608.84	2566.99	2661.23	2612.36	1.81	ppb
Lithium	6-1				93		%
Magnesium	24-2	276423.30	261336.81	256534.97	264765.03	3.92	ppb
Manganese	55-2	5318.38	5087.80	4944.18	5116.79	3.69	ppb
Molybdenum	94-1	2558.02	2524.56	2534.12	2538.90	0.68	ppb
Molybdenum	95-1	2560.45	2562.75	2478.75	2533.98	1.89	ppb
Molybdenum	96-1	2602.76	2536.51	2503.13	2547.47	1.99	ppb
Molybdenum	97-1	2560.74	2518.77	2527.92	2535.81	0.87	ppb
Molybdenum	98-1	2541.12	2544.91	2521.18	2535.74	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.58	473.53	476.51	484.54	3.42	ppb
Phosphorus	31-2	10645.26	9928.38	9888.26	10153.97	4.19	ppb
Potassium	39-2	136230.13	129350.36	127924.59	131168.36	3.39	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	514.29	505.71	507.29	509.09	0.90	ppb
Selenium	77-2	538.43	534.67	525.81	532.97	1.22	ppb
Selenium	78-2	537.09	523.00	505.45	521.85	3.04	ppb
Silicon	28-1	445.83	438.28	452.43	445.51	1.59	ppb
Silver	107-1	514.59	524.85	532.62	524.02	1.73	ppb
Silver	109-1	499.92	515.08	516.49	510.50	1.80	ppb
Sodium	23-2	278182.18	259549.20	258821.37	265517.58	4.13	ppb
Strontium	86-1	5129.22	5006.81	5010.49	5048.84	1.38	ppb
Strontium	88-1	5169.55	5072.97	4996.13	5079.55	1.71	ppb
Sulfur	34-1	9450.29	8911.45	9538.10	9299.95	3.65	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	519.40	511.59	537.83	522.94	2.58	ppb
Thallium	205-1	517.34	502.04	533.98	517.79	3.08	ppb
Tin	118-1	513.15	508.35	519.66	513.72	1.10	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2576.21	2557.72	2619.71	2584.55	1.23	ppb
Uranium	238-1	535.84	524.70	551.07	537.20	2.46	ppb
Vanadium	51-2	532.92	504.63	513.53	517.03	2.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5391.72	5039.58	5000.75	5144.01	4.19	ppb
Zirconium	90-1	517.70	515.27	505.19	512.72	1.29	ppb
Zirconium	91-1	516.08	513.76	506.72	512.19	0.95	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.10	1.38	1.57	1.35	17.58	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	12.20	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	0.06	0.04	0.03	0.04	40.69	ppb
Barium	137-1	0.05	0.02	0.05	0.04	41.53	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	44.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	12.77	11.82	12.41	12.34	3.90	ppb
Boron	11-1	14.18	12.71	13.43	13.44	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.29	-0.24	-0.22	-0.25		ppb
Cadmium	106-1	-4.51	-3.38	-3.34	-3.75		ppb
Cadmium	108-1	-0.31	-0.16	-0.27	-0.24		ppb
Calcium	43-1	1.19	2.74	3.69	2.54	49.78	ppb
Calcium	44-1	3.64	3.47	5.10	4.07	21.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	63.57	ppb
Copper	63-2	0.11	0.14	0.16	0.14	16.30	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				102		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	2.10	3.44	3.64	3.06	27.38	ppb
Iron	56-2	2.06	2.34	2.73	2.38	14.15	ppb
Iron	57-2	3.52	1.45	1.18	2.05	62.43	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.11	0.09	0.09	15.13	ppb
Lead	207-1	0.09	0.08	0.08	0.08	9.30	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.47	4.06	4.22	4.25	4.84	ppb
Manganese	55-2	0.07	0.11	0.09	0.09	23.45	ppb
Molybdenum	94-1	0.08	0.09	0.07	0.08	6.97	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	19.98	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	13.82	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	20.93	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	46.21	ppb
Phosphorus	31-2	-15.95	-19.62	-10.63	-15.40		ppb
Potassium	39-2	19.98	14.17	19.75	17.97	18.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.12	0.34	0.05	0.17	88.87	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.22	0.21	-0.05	-0.02		ppb
Silicon	28-1	0.10	-0.52	0.50	0.03	1770.01	ppb
Silver	107-1	0.03	0.03	0.02	0.03	18.59	ppb
Silver	109-1	0.03	0.02	0.03	0.03	13.92	ppb
Sodium	23-2	32.89	28.91	30.63	30.81	6.48	ppb
Strontium	86-1	0.02	0.04	-0.02	0.02	174.60	ppb
Strontium	88-1	0.04	0.05	0.04	0.04	7.06	ppb
Sulfur	34-1	-1590.63	-1583.51	-1330.46	-1501.54		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	7.11	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	8.01	ppb
Tin	118-1	0.02	0.02	-0.01	0.01	151.28	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.05	0.03	65.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.67	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	136.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.18	0.05	0.09	0.11	64.70	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	145.97	ppb
Zirconium	91-1	0.02	0.01	-0.02	0.00	1160.73	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BL	Instrumnet Name :	P8
Client Sample ID :	PBW781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:29:37	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.30	0.45	0.36	22.99	ppb
Antimony	121-1	0.02	0.04	0.04	0.04	33.31	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	60.56	ppb
Barium	137-1	0.00	0.02	0.03	0.02	99.72	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	778.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	8.85	9.05	8.65	8.85	2.24	ppb
Boron	11-1	9.30	9.51	8.75	9.19	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.15	-0.19	-0.19		ppb
Cadmium	106-1	-3.48	-2.40	-3.08	-2.98		ppb
Cadmium	108-1	-0.20	-0.31	-0.36	-0.29		ppb
Calcium	43-1	1.08	0.90	1.49	1.16	26.02	ppb
Calcium	44-1	2.75	5.88	3.33	3.99	41.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	37.22	ppb
Copper	63-2	0.07	0.07	0.05	0.06	20.21	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				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	0.49	1.86	1.27	1.21	56.79	ppb
Iron	56-2	0.78	0.90	0.93	0.87	8.72	ppb
Iron	57-2	0.91	0.69	0.58	0.73	23.29	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BL	Instrumnet Name :	P8
Client Sample ID :	PBW781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:29:37	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.08	0.08	12.47	ppb
Lead	207-1	0.06	0.09	0.08	0.08	18.73	ppb
Lead	208-1	0.07	0.08	0.08	0.08	10.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.75	1.17	1.45	1.46	19.64	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	74.09	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	6.71	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	32.92	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	18.55	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	3.01	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	15.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-12.44	6.75	-15.67	-7.12		ppb
Potassium	39-2	12.42	10.65	11.88	11.65	7.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.39	0.38	0.52	0.43	17.95	ppb
Selenium	77-2	-0.19	-0.19	0.38	0.00		ppb
Selenium	78-2	0.06	-0.25	0.20	0.00	5664.60	ppb
Silicon	28-1	-0.18	2.23	-0.01	0.68	197.06	ppb
Silver	107-1	0.01	0.02	0.01	0.02	18.68	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.56	ppb
Sodium	23-2	22.26	24.64	22.07	22.99	6.23	ppb
Strontium	86-1	0.03	0.02	-0.04	0.01	687.89	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	30.15	ppb
Sulfur	34-1	-1378.18	-711.00	-1195.97	-1095.05		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.04	0.04	16.93	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	25.82	ppb
Tin	118-1	-0.07	-0.07	-0.07	-0.07		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BL	Instrumnet Name :	P8
Client Sample ID :	PBW781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:29:37	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.01	0.03	0.04	80.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.08	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.05	0.09	0.20	0.11	72.39	ppb
Zirconium	90-1	-0.02	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	77.38	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.14	44.02	43.25	43.13	2.19	ppb
Antimony	121-1	4.03	4.06	4.01	4.03	0.54	ppb
Arsenic	75-2	1.99	2.16	2.24	2.13	6.10	ppb
Barium	135-1	19.28	19.22	20.30	19.60	3.08	ppb
Barium	137-1	19.73	19.34	20.46	19.84	2.87	ppb
Beryllium	9-1	2.05	1.99	2.01	2.02	1.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	47.55	51.45	53.98	50.99	6.35	ppb
Boron	11-1	52.14	54.39	58.56	55.03	5.92	ppb
Bromine	81-1						cps
Cadmium	111-1	2.03	2.18	2.20	2.14	4.32	ppb
Cadmium	106-1	0.52	0.61	-0.02	0.37	91.14	ppb
Cadmium	108-1	1.95	1.56	1.57	1.69	13.00	ppb
Calcium	43-1	931.85	966.18	927.17	941.73	2.26	ppb
Calcium	44-1	928.26	978.97	928.00	945.08	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.14	3.88	3.87	3.97	3.84	ppb
Cobalt	59-2	1.98	2.04	2.01	2.01	1.49	ppb
Copper	63-2	3.97	3.85	3.78	3.87	2.47	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				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	418.71	415.87	426.69	420.42	1.33	ppb
Iron	56-2	419.96	415.01	420.08	418.35	0.69	ppb
Iron	57-2	409.79	422.91	428.52	420.41	2.29	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.94	1.91	1.88	1.91	1.39	ppb
Lead	207-1	1.97	1.95	1.94	1.96	0.73	ppb
Lead	208-1	1.94	1.95	1.93	1.94	0.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	1030.07	1020.26	1036.40	1028.91	0.79	ppb
Manganese	55-2	2.06	2.07	1.93	2.02	3.69	ppb
Molybdenum	94-1	10.01	9.94	9.79	9.92	1.12	ppb
Molybdenum	95-1	9.68	9.99	10.00	9.89	1.85	ppb
Molybdenum	96-1	9.73	10.13	9.58	9.81	2.87	ppb
Molybdenum	97-1	9.81	10.10	10.12	10.01	1.73	ppb
Molybdenum	98-1	9.56	9.87	9.66	9.70	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.15	2.09	2.12	1.32	ppb
Phosphorus	31-2	-18.02	-16.03	-23.23	-19.09		ppb
Potassium	39-2	981.93	985.58	984.39	983.96	0.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	10.83	10.52	10.80	10.72	1.59	ppb
Selenium	77-2	6.81	10.07	8.55	8.48	19.27	ppb
Selenium	78-2	10.60	10.48	11.28	10.79	3.98	ppb
Silicon	28-1	19.88	21.86	20.03	20.59	5.36	ppb
Silver	107-1	1.96	1.95	2.09	2.00	4.07	ppb
Silver	109-1	1.97	1.99	2.08	2.01	2.91	ppb
Sodium	23-2	1035.93	1036.66	1055.07	1042.56	1.04	ppb
Strontium	86-1	2.21	2.09	2.14	2.14	2.91	ppb
Strontium	88-1	2.09	2.13	2.13	2.12	1.00	ppb
Sulfur	34-1	-1275.95	-938.13	-1359.90	-1191.33		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.94	1.98	1.90	1.94	2.20	ppb
Thallium	205-1	1.95	1.96	1.97	1.96	0.43	ppb
Tin	118-1	9.83	9.75	10.13	9.90	2.01	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.16	10.28	9.98	10.14	1.52	ppb
Uranium	238-1	1.85	1.82	1.83	1.84	0.92	ppb
Vanadium	51-2	9.58	9.88	9.84	9.77	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.40	9.74	9.89	10.01	3.43	ppb
Zirconium	90-1	1.98	1.92	1.96	1.96	1.58	ppb
Zirconium	91-1	1.91	1.84	1.98	1.91	3.92	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BL	Instrumnet Name :	P8
Client Sample ID :	PBW782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:35:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.11	-0.01	-0.07		ppb
Antimony	121-1	0.01	0.02	0.02	0.01	27.70	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.02	0.02	0.02	0.02	15.15	ppb
Barium	137-1	-0.01	0.02	0.00	0.00	441.82	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	230.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	9.76	9.32	8.85	9.31	4.92	ppb
Boron	11-1	10.41	10.27	9.49	10.06	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.12	-0.22	-0.19		ppb
Cadmium	106-1	-3.19	-1.75	-3.18	-2.71		ppb
Cadmium	108-1	-0.28	-0.25	-0.21	-0.24		ppb
Calcium	43-1	-1.31	-0.10	-0.07	-0.49		ppb
Calcium	44-1	-0.89	0.43	0.36	-0.04		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1037.86	ppb
Copper	63-2	0.04	0.02	-0.01	0.01	156.89	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	-0.41	0.10	0.41	0.03	1362.85	ppb
Iron	56-2	-0.27	-0.24	-0.19	-0.23		ppb
Iron	57-2	0.10	0.20	-0.40	-0.03		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BL	Instrumnet Name :	P8
Client Sample ID :	PBW782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:35:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.02	0.04	48.56	ppb
Lead	207-1	0.05	0.03	0.03	0.04	19.18	ppb
Lead	208-1	0.06	0.04	0.04	0.04	29.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.07	-0.10	-0.11	-0.09		ppb
Manganese	55-2	0.02	-0.02	0.02	0.00	501.31	ppb
Molybdenum	94-1	0.02	0.00	0.01	0.01	121.91	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	151.02	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	201.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-14.32	-8.68	-9.73	-10.91		ppb
Potassium	39-2	5.99	6.58	10.71	7.76	33.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.17	0.04	0.23	0.15	65.75	ppb
Selenium	77-2	-0.19	0.38	-0.19	0.00		ppb
Selenium	78-2	0.01	-0.21	0.22	0.01	3208.87	ppb
Silicon	28-1	-1.51	0.04	-0.14	-0.54		ppb
Silver	107-1	0.01	0.02	0.01	0.02	24.15	ppb
Silver	109-1	0.01	0.02	0.02	0.01	49.20	ppb
Sodium	23-2	14.36	15.63	18.35	16.12	12.65	ppb
Strontium	86-1	0.04	-0.05	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1405.17	-982.10	-958.78	-1115.35		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.00	0.02	0.02	95.79	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	48.69	ppb
Tin	118-1	-0.07	-0.05	-0.08	-0.07		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BL	Instrumnet Name :	P8
Client Sample ID :	PBW782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:35:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	-0.01	0.02	0.03	161.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.06	-0.13	0.09	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	613.64	ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.02		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BS	Instrumnet Name :	P8
Client Sample ID :	LCS782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:38:40	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.50	43.14	41.04	42.22	2.55	ppb
Antimony	121-1	3.91	3.97	3.98	3.95	0.95	ppb
Arsenic	75-2	2.09	1.93	1.89	1.97	5.43	ppb
Barium	135-1	19.17	19.45	19.54	19.39	1.01	ppb
Barium	137-1	19.72	20.11	19.65	19.83	1.25	ppb
Beryllium	9-1	2.01	1.91	2.09	2.01	4.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	46.14	47.31	51.91	48.45	6.30	ppb
Boron	11-1	50.47	52.52	55.56	52.85	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	2.04	2.01	1.91	1.99	3.46	ppb
Cadmium	106-1	0.16	0.07	-1.30	-0.36		ppb
Cadmium	108-1	1.93	1.73	2.38	2.01	16.67	ppb
Calcium	43-1	928.80	935.83	927.24	930.62	0.49	ppb
Calcium	44-1	928.98	936.09	929.93	931.67	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.03	4.01	4.03	4.02	0.24	ppb
Cobalt	59-2	2.00	2.04	1.98	2.01	1.61	ppb
Copper	63-2	3.82	3.94	3.72	3.82	2.88	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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	422.26	427.78	418.30	422.78	1.13	ppb
Iron	56-2	417.62	433.67	416.83	422.71	2.25	ppb
Iron	57-2	413.11	418.07	398.51	409.90	2.48	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BS	Instrumnet Name :	P8
Client Sample ID :	LCS782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:38:40	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.87	1.85	1.89	1.87	1.11	ppb
Lead	207-1	2.02	1.89	1.99	1.96	3.58	ppb
Lead	208-1	1.93	1.87	1.92	1.91	1.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	1025.06	1080.81	1034.23	1046.70	2.86	ppb
Manganese	55-2	1.96	2.02	2.02	2.00	1.76	ppb
Molybdenum	94-1	9.59	9.80	9.48	9.62	1.71	ppb
Molybdenum	95-1	9.11	9.84	9.77	9.57	4.18	ppb
Molybdenum	96-1	9.60	9.76	9.67	9.68	0.82	ppb
Molybdenum	97-1	9.63	9.84	9.60	9.69	1.34	ppb
Molybdenum	98-1	9.44	9.21	9.76	9.47	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.13	2.04	2.06	2.97	ppb
Phosphorus	31-2	-7.05	-16.79	-8.90	-10.91		ppb
Potassium	39-2	985.66	1008.40	964.94	986.33	2.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	10.31	10.79	10.34	10.48	2.56	ppb
Selenium	77-2	8.46	9.04	10.80	9.44	12.92	ppb
Selenium	78-2	11.98	11.77	9.10	10.95	14.64	ppb
Silicon	28-1	20.98	20.64	19.68	20.43	3.28	ppb
Silver	107-1	2.00	2.01	2.00	2.00	0.12	ppb
Silver	109-1	1.90	1.98	2.08	1.99	4.68	ppb
Sodium	23-2	1056.88	1083.28	1056.73	1065.63	1.43	ppb
Strontium	86-1	2.20	2.09	2.15	2.14	2.53	ppb
Strontium	88-1	2.10	2.10	2.12	2.11	0.57	ppb
Sulfur	34-1	-1128.80	-997.65	-999.83	-1042.09		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.81	1.81	1.95	1.86	4.40	ppb
Thallium	205-1	1.88	1.90	1.88	1.89	0.72	ppb
Tin	118-1	9.80	9.87	9.87	9.85	0.42	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BS	Instrumnet Name :	P8
Client Sample ID :	LCS782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:38:40	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.03	9.26	9.93	9.74	4.31	ppb
Uranium	238-1	1.82	1.79	1.77	1.80	1.48	ppb
Vanadium	51-2	9.63	10.15	9.67	9.81	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	10.10	10.67	9.70	10.16	4.82	ppb
Zirconium	90-1	1.95	1.90	1.93	1.93	1.46	ppb
Zirconium	91-1	1.78	1.93	1.93	1.88	4.76	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	19.68	19.87	19.92	1.37	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	16.93	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.04	0.12	0.09	0.09	46.22	ppb
Barium	137-1	0.09	0.11	0.07	0.09	21.87	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	165.76	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	9.16	8.11	8.05	8.44	7.44	ppb
Boron	11-1	9.40	8.95	8.57	8.98	4.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.09	-0.08	-0.08		ppb
Cadmium	106-1	-1.25	-1.46	-1.20	-1.30		ppb
Cadmium	108-1	-0.15	-0.22	-0.24	-0.20		ppb
Calcium	43-1	71.83	69.60	64.73	68.72	5.29	ppb
Calcium	44-1	69.15	68.26	68.59	68.67	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.05	0.04	28.31	ppb
Cobalt	59-2	0.02	0.02	0.04	0.03	28.36	ppb
Copper	63-2	0.40	0.39	0.39	0.39	1.98	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				112		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	54-2	6.96	6.85	6.81	6.87	1.17	ppb
Iron	56-2	6.32	6.45	6.67	6.48	2.79	ppb
Iron	57-2	6.66	7.15	6.44	6.75	5.34	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.27	0.27	0.28	8.92	ppb
Lead	207-1	0.33	0.28	0.27	0.29	11.64	ppb
Lead	208-1	0.31	0.28	0.29	0.29	4.91	ppb
Lithium	6-1				109		%
Magnesium	24-2	4.95	4.60	5.25	4.93	6.66	ppb
Manganese	55-2	0.82	0.87	0.97	0.89	8.68	ppb
Molybdenum	94-1	0.06	0.03	0.03	0.04	50.36	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	455.52	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	92.47	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	133.40	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.47	0.44	0.45	4.83	ppb
Phosphorus	31-2	-21.59	-23.07	-9.71	-18.12		ppb
Potassium	39-2	51.26	50.38	52.73	51.45	2.31	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.10	-0.18	0.13	0.02	1128.33	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.64	0.40	-0.48	-0.24		ppb
Silicon	28-1	3.45	3.88	4.11	3.81	8.85	ppb
Silver	107-1	0.02	0.01	0.01	0.01	40.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.87	ppb
Sodium	23-2	66.11	65.58	65.84	65.84	0.40	ppb
Strontium	86-1	0.12	0.18	0.10	0.13	31.39	ppb
Strontium	88-1	0.18	0.18	0.17	0.17	2.38	ppb
Sulfur	34-1	-1503.94	-1457.60	-1388.42	-1449.99		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	375.63	ppb
Tin	118-1	0.36	0.42	0.42	0.40	8.22	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.07	-0.01	0.03	126.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	970.04	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	13.29	13.34	13.38	13.33	0.36	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	21.06	ppb
Zirconium	91-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.46	73.54	74.56	73.52	1.43	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	36.42	ppb
Arsenic	75-2	0.58	0.58	0.68	0.61	8.76	ppb
Barium	135-1	5.37	5.56	5.39	5.44	1.89	ppb
Barium	137-1	5.41	5.39	5.69	5.50	3.10	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	164.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	17.96	19.99	19.99	19.31	6.06	ppb
Boron	11-1	18.96	20.89	20.93	20.26	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.36	-0.40	-0.33		ppb
Cadmium	106-1	-3.07	-4.81	-5.36	-4.41		ppb
Cadmium	108-1	-0.11	-0.22	-0.16	-0.17		ppb
Calcium	43-1	12569.19	12850.34	12789.88	12736.47	1.16	ppb
Calcium	44-1	12866.50	12939.72	12910.47	12905.57	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.19	0.17	0.19	11.22	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	4.35	ppb
Copper	63-2	0.66	0.65	0.62	0.65	3.07	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	163.23	167.20	162.09	164.18	1.63	ppb
Iron	56-2	165.57	171.31	164.05	166.98	2.29	ppb
Iron	57-2	166.77	172.02	162.44	167.07	2.87	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	22.56	ppb
Lead	207-1	0.03	0.03	0.05	0.03	34.82	ppb
Lead	208-1	0.03	0.04	0.03	0.03	14.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	3017.73	3066.31	3024.31	3036.12	0.87	ppb
Manganese	55-2	11.21	11.68	11.18	11.36	2.46	ppb
Molybdenum	94-1	0.14	0.08	0.09	0.10	31.48	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	8.26	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	8.54	ppb
Molybdenum	97-1	0.05	0.07	0.05	0.06	19.92	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	7.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.15	0.15	8.43	ppb
Phosphorus	31-2	0.93	20.24	3.00	8.06	131.55	ppb
Potassium	39-2	458.28	458.40	467.89	461.52	1.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.22	0.23	0.17	61.16	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.25	0.02	-0.28	0.00		ppb
Silicon	28-1	7359.87	7466.34	7325.01	7383.74	1.00	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.44	ppb
Silver	109-1	0.00	0.01	0.01	0.01	40.76	ppb
Sodium	23-2	6063.25	6199.97	6006.19	6089.80	1.64	ppb
Strontium	86-1	82.23	83.76	87.66	84.55	3.32	ppb
Strontium	88-1	86.34	88.21	90.45	88.33	2.33	ppb
Sulfur	34-1	-1106.37	-1154.19	-1257.90	-1172.82		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	1.72	1.79	1.80	1.77	2.56	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.71	1.81	1.72	1.75	3.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.74	ppb
Vanadium	51-2	0.77	0.81	0.81	0.79	2.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.35	2.61	2.81	2.59	8.79	ppb
Zirconium	90-1	0.04	0.10	0.05	0.06	50.70	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	14.88	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03	Instrumnet Name :	P8
Client Sample ID :	JCEW5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:47:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.21	96.14	99.04	97.13	1.70	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	19.75	ppb
Arsenic	75-2	1.95	1.94	2.00	1.96	1.74	ppb
Barium	135-1	8.23	8.45	8.32	8.33	1.35	ppb
Barium	137-1	8.14	8.55	8.61	8.43	3.07	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	44.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	28.40	31.04	31.09	30.18	5.10	ppb
Boron	11-1	31.52	33.37	34.10	33.00	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.27	-0.20	-0.24		ppb
Cadmium	106-1	-3.11	-3.53	-2.62	-3.09		ppb
Cadmium	108-1	-0.04	0.01	-0.18	-0.07		ppb
Calcium	43-1	11589.90	11774.30	11577.77	11647.33	0.95	ppb
Calcium	44-1	11490.09	11933.98	11549.62	11657.89	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.08	0.16	0.13	31.33	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	1.29	ppb
Copper	63-2	0.85	0.91	0.90	0.89	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	187.52	188.83	190.25	188.86	0.72	ppb
Iron	56-2	187.43	184.31	187.97	186.57	1.06	ppb
Iron	57-2	182.18	186.97	177.78	182.31	2.52	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03	Instrumnet Name :	P8
Client Sample ID :	JCEW5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:47:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.04	0.05	29.14	ppb
Lead	207-1	0.04	0.03	0.05	0.04	22.92	ppb
Lead	208-1	0.05	0.04	0.04	0.04	9.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	2958.33	2947.09	2924.66	2943.36	0.58	ppb
Manganese	55-2	17.57	17.40	17.04	17.34	1.57	ppb
Molybdenum	94-1	0.12	0.15	0.15	0.14	11.46	ppb
Molybdenum	95-1	0.06	0.06	0.07	0.06	11.96	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	12.14	ppb
Molybdenum	97-1	0.05	0.08	0.07	0.07	21.91	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	13.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.17	0.22	0.19	12.99	ppb
Phosphorus	31-2	7.97	-12.10	2.40	-0.58		ppb
Potassium	39-2	481.34	483.23	481.85	482.14	0.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.06	0.27	0.21	0.18	59.97	ppb
Selenium	77-2	1.53	-0.19	-0.19	0.38	260.81	ppb
Selenium	78-2	0.30	0.17	-0.61	-0.05		ppb
Silicon	28-1	6168.16	6268.25	6212.11	6216.17	0.81	ppb
Silver	107-1	0.01	0.01	0.00	0.01	47.74	ppb
Silver	109-1	0.00	0.00	0.00	0.00	92.39	ppb
Sodium	23-2	6597.05	6453.64	6514.55	6521.75	1.10	ppb
Strontium	86-1	86.79	83.72	84.04	84.85	1.99	ppb
Strontium	88-1	85.41	85.93	86.50	85.95	0.63	ppb
Sulfur	34-1	-648.09	-488.13	-644.03	-593.42		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.94	2.01	2.05	2.00	2.95	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03	Instrumnet Name :	P8
Client Sample ID :	JCEW5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:47:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.16	3.04	4.63	3.61	24.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.09	ppb
Vanadium	51-2	1.32	1.36	1.35	1.34	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.29	1.33	1.43	1.35	5.25	ppb
Zirconium	90-1	0.19	0.11	0.04	0.11	71.45	ppb
Zirconium	91-1	0.06	0.04	0.02	0.04	46.67	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85.43	79.32	81.08	81.94	3.84	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	10.02	ppb
Arsenic	75-2	2.12	1.97	1.88	1.99	5.98	ppb
Barium	135-1	8.34	7.99	8.37	8.23	2.55	ppb
Barium	137-1	8.87	8.21	8.68	8.59	3.95	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	116.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	28.57	29.17	31.93	29.89	6.00	ppb
Boron	11-1	31.08	32.48	34.31	32.62	4.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.30	-0.23	-0.26		ppb
Cadmium	106-1	-3.12	-3.93	-2.88	-3.31		ppb
Cadmium	108-1	-0.08	-0.07	0.06	-0.03		ppb
Calcium	43-1	12122.27	11691.88	11384.41	11732.86	3.16	ppb
Calcium	44-1	12228.84	11633.76	11475.16	11779.25	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.13	0.10	0.12	14.20	ppb
Cobalt	59-2	0.10	0.09	0.09	0.09	9.21	ppb
Copper	63-2	1.00	0.87	0.89	0.92	7.90	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	190.51	175.48	174.74	180.24	4.94	ppb
Iron	56-2	186.49	175.24	174.64	178.79	3.73	ppb
Iron	57-2	183.67	168.94	186.63	179.75	5.27	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	43.34	ppb
Lead	207-1	0.04	0.04	0.03	0.04	9.86	ppb
Lead	208-1	0.04	0.03	0.03	0.03	20.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	3126.68	2893.87	3003.82	3008.12	3.87	ppb
Manganese	55-2	18.89	17.15	17.87	17.97	4.88	ppb
Molybdenum	94-1	0.13	0.11	0.13	0.12	11.18	ppb
Molybdenum	95-1	0.06	0.05	0.07	0.06	17.29	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	5.55	ppb
Molybdenum	97-1	0.08	0.07	0.06	0.07	17.23	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.24	0.20	0.23	10.16	ppb
Phosphorus	31-2	10.85	-5.51	33.45	12.93	151.29	ppb
Potassium	39-2	526.21	470.13	489.05	495.13	5.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.01	0.24	0.29	0.17	91.80	ppb
Selenium	77-2	-0.19	-0.19	0.93	0.18	359.32	ppb
Selenium	78-2	0.33	-0.38	-0.45	-0.17		ppb
Silicon	28-1	6437.07	6102.02	5955.66	6164.92	4.00	ppb
Silver	107-1	0.00	0.01	0.00	0.01	35.06	ppb
Silver	109-1	0.01	0.01	0.00	0.00	27.90	ppb
Sodium	23-2	7209.90	6399.29	6732.48	6780.56	6.01	ppb
Strontium	86-1	84.59	83.18	83.92	83.90	0.84	ppb
Strontium	88-1	87.18	86.55	89.30	87.68	1.64	ppb
Sulfur	34-1	-209.67	-703.37	-983.29	-632.11		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	1.91	1.76	1.94	1.87	5.13	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.48	2.57	2.54	2.53	1.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.95	ppb
Vanadium	51-2	1.38	1.32	1.33	1.34	2.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1.55	1.34	1.15	1.35	15.16	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	15.75	ppb
Zirconium	91-1	0.02	0.05	0.05	0.04	46.02	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW5L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 14:53:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.98	18.01	20.60	19.86	8.15	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	21.21	ppb
Arsenic	75-2	0.42	0.32	0.35	0.36	14.45	ppb
Barium	135-1	1.68	1.49	1.65	1.61	6.19	ppb
Barium	137-1	1.56	1.70	1.75	1.67	5.91	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	11.02	10.96	10.98	10.98	0.28	ppb
Boron	11-1	11.77	11.80	11.41	11.66	1.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.20	-0.24	-0.17		ppb
Cadmium	106-1	-1.01	-2.58	-3.07	-2.22		ppb
Cadmium	108-1	-0.13	0.06	0.15	0.03	534.44	ppb
Calcium	43-1	2300.93	2251.85	2211.73	2254.84	1.98	ppb
Calcium	44-1	2375.58	2294.02	2331.52	2333.71	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.01	0.01	277.54	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	24.76	ppb
Copper	63-2	0.20	0.22	0.20	0.21	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	35.05	36.57	36.02	35.88	2.14	ppb
Iron	56-2	35.99	35.96	35.34	35.76	1.02	ppb
Iron	57-2	36.51	37.93	36.30	36.91	2.41	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW5L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 14:53:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	26.46	ppb
Lead	207-1	0.02	0.03	0.00	0.02	79.55	ppb
Lead	208-1	0.02	0.02	0.02	0.02	15.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	580.84	586.66	562.58	576.70	2.18	ppb
Manganese	55-2	3.37	3.41	3.38	3.39	0.64	ppb
Molybdenum	94-1	0.07	0.02	0.03	0.04	60.93	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	1887.80	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	91.53	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	77.00	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	29.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.05	0.04	21.07	ppb
Phosphorus	31-2	-8.49	-19.26	-8.42	-12.06		ppb
Potassium	39-2	96.49	96.28	96.22	96.33	0.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.06	-0.02	-0.13	-0.03		ppb
Selenium	77-2	-0.19	-0.19	0.97	0.19	346.47	ppb
Selenium	78-2	-0.35	-0.09	0.21	-0.08		ppb
Silicon	28-1	1226.04	1196.61	1172.70	1198.45	2.23	ppb
Silver	107-1	0.01	0.01	0.00	0.00	122.12	ppb
Silver	109-1	0.00	0.00	0.00	0.00	100.27	ppb
Sodium	23-2	1305.25	1297.28	1278.93	1293.82	1.04	ppb
Strontium	86-1	17.51	16.21	16.48	16.73	4.09	ppb
Strontium	88-1	17.02	16.03	16.74	16.60	3.07	ppb
Sulfur	34-1	-838.41	-1241.31	-1260.66	-1113.46		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.34	0.35	0.31	0.33	7.05	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW5L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 14:53:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.61	0.61	0.84	0.68	19.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.23	0.28	0.23	0.25	11.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.10	0.14	0.27	0.17	54.24	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	43.00	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	95.54	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2119.90	2136.12	2123.88	2126.64	0.40	ppb
Antimony	121-1	102.94	105.47	106.87	105.09	1.90	ppb
Arsenic	75-2	46.11	46.60	44.47	45.73	2.44	ppb
Barium	135-1	1988.47	2087.69	2088.54	2054.90	2.80	ppb
Barium	137-1	1997.23	2041.70	2078.33	2039.09	1.99	ppb
Beryllium	9-1	51.02	51.54	52.79	51.78	1.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	26.04	26.76	27.83	26.88	3.34	ppb
Boron	11-1	28.13	29.08	30.53	29.25	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	52.09	51.40	54.31	52.60	2.89	ppb
Cadmium	106-1	41.44	37.48	40.44	39.79	5.18	ppb
Cadmium	108-1	45.82	47.08	44.94	45.94	2.34	ppb
Calcium	43-1	11185.64	11285.94	11743.91	11405.16	2.61	ppb
Calcium	44-1	11417.74	11381.25	11552.28	11450.42	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.66	204.97	204.68	204.77	0.09	ppb
Cobalt	59-2	529.27	540.52	535.99	535.26	1.06	ppb
Copper	63-2	269.30	272.56	273.62	271.83	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	1436.75	1440.50	1440.74	1439.33	0.16	ppb
Iron	56-2	1307.96	1326.27	1329.46	1321.23	0.88	ppb
Iron	57-2	1236.61	1297.98	1271.70	1268.76	2.43	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.99	19.84	19.70	19.84	0.73	ppb
Lead	207-1	19.12	19.63	19.10	19.28	1.57	ppb
Lead	208-1	19.43	20.01	19.33	19.59	1.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	2902.45	2930.14	2866.02	2899.54	1.11	ppb
Manganese	55-2	516.91	520.34	514.61	517.29	0.56	ppb
Molybdenum	94-1	0.17	0.13	0.19	0.16	17.77	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	12.30	ppb
Molybdenum	96-1	0.12	0.11	0.15	0.13	14.24	ppb
Molybdenum	97-1	0.07	0.11	0.12	0.10	27.92	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.59	531.51	525.14	527.75	0.63	ppb
Phosphorus	31-2	19.33	19.84	1.57	13.58	76.60	ppb
Potassium	39-2	464.82	460.68	468.33	464.61	0.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	109.28	109.26	109.69	109.41	0.22	ppb
Selenium	77-2	93.97	102.91	100.80	99.22	4.71	ppb
Selenium	78-2	108.91	111.54	107.54	109.33	1.86	ppb
Silicon	28-1	6113.18	5898.57	6208.01	6073.25	2.61	ppb
Silver	107-1	51.98	52.98	53.78	52.91	1.71	ppb
Silver	109-1	52.18	52.06	54.20	52.81	2.28	ppb
Sodium	23-2	6517.95	6478.92	6452.62	6483.17	0.51	ppb
Strontium	86-1	83.02	84.84	83.84	83.90	1.08	ppb
Strontium	88-1	85.16	85.72	85.96	85.61	0.48	ppb
Sulfur	34-1	-850.00	-927.49	-841.44	-872.98		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	49.25	50.98	48.94	49.72	2.21	ppb
Thallium	205-1	50.55	50.64	50.48	50.56	0.17	ppb
Tin	118-1	2.07	2.04	2.10	2.07	1.38	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.96	2.52	3.16	2.88	11.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.94	ppb
Vanadium	51-2	511.47	502.94	515.89	510.10	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	548.73	552.01	546.34	549.03	0.52	ppb
Zirconium	90-1	0.07	0.18	0.06	0.11	62.41	ppb
Zirconium	91-1	0.10	0.08	0.03	0.07	46.72	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.96	20.48	22.53	22.66	9.90	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	15.91	ppb
Arsenic	75-2	0.45	0.48	0.45	0.46	3.55	ppb
Barium	135-1	5.64	5.56	5.26	5.49	3.71	ppb
Barium	137-1	5.84	5.86	5.31	5.67	5.50	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	76.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	27.99	30.07	31.35	29.80	5.69	ppb
Boron	11-1	30.26	32.48	33.50	32.08	5.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.16	-0.29	-0.24		ppb
Cadmium	106-1	-3.78	-2.21	-3.94	-3.31		ppb
Cadmium	108-1	-0.20	-0.29	-0.26	-0.25		ppb
Calcium	43-1	9672.94	9777.93	9642.02	9697.63	0.73	ppb
Calcium	44-1	9750.11	9787.49	9645.48	9727.69	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.28	0.27	0.28	2.62	ppb
Cobalt	59-2	0.06	0.06	0.08	0.07	12.88	ppb
Copper	63-2	0.55	0.56	0.58	0.56	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	34.67	32.13	32.56	33.12	4.10	ppb
Iron	56-2	32.87	32.31	32.43	32.54	0.91	ppb
Iron	57-2	36.06	29.78	33.31	33.05	9.53	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.02	0.03	30.17	ppb
Lead	207-1	0.01	0.04	0.03	0.03	51.58	ppb
Lead	208-1	0.03	0.03	0.02	0.03	19.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	2700.19	2635.32	2727.63	2687.71	1.76	ppb
Manganese	55-2	4.21	4.06	4.35	4.21	3.43	ppb
Molybdenum	94-1	0.11	0.10	0.11	0.11	5.91	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	11.04	ppb
Molybdenum	96-1	0.09	0.08	0.10	0.09	12.68	ppb
Molybdenum	97-1	0.06	0.07	0.09	0.08	16.49	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.96	1.00	0.98	2.40	ppb
Phosphorus	31-2	9.80	16.88	26.13	17.60	46.51	ppb
Potassium	39-2	485.68	458.02	488.93	477.54	3.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.10	0.24	0.30	0.21	47.69	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.33	-0.06	-0.48	-0.07		ppb
Silicon	28-1	6675.67	6406.39	6445.49	6509.18	2.24	ppb
Silver	107-1	0.03	0.04	0.04	0.04	8.40	ppb
Silver	109-1	0.04	0.03	0.03	0.03	18.29	ppb
Sodium	23-2	6076.38	6015.04	6118.17	6069.87	0.85	ppb
Strontium	86-1	62.29	61.85	63.82	62.65	1.66	ppb
Strontium	88-1	64.86	65.41	64.08	64.78	1.03	ppb
Sulfur	34-1	-1555.46	-1568.98	-1584.97	-1569.80		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.02		ppb
Tin	118-1	1.91	2.04	1.89	1.94	4.30	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.06	0.98	1.70	1.91	55.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	210.20	ppb
Vanadium	51-2	1.21	1.19	1.27	1.22	3.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	4.96	4.90	5.06	4.97	1.71	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	52.56	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	96.54	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.43	26.01	24.59	25.68	3.75	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	13.34	ppb
Arsenic	75-2	0.26	0.28	0.27	0.27	4.80	ppb
Barium	135-1	4.01	3.85	3.59	3.82	5.62	ppb
Barium	137-1	3.83	3.86	3.95	3.88	1.60	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	26.37	26.44	26.00	26.27	0.90	ppb
Boron	11-1	27.55	28.94	28.29	28.26	2.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.35	-0.32	-0.22	-0.30		ppb
Cadmium	106-1	-4.72	-4.25	-2.94	-3.97		ppb
Cadmium	108-1	-0.26	-0.23	-0.21	-0.23		ppb
Calcium	43-1	9290.83	9285.41	9061.82	9212.68	1.42	ppb
Calcium	44-1	9033.25	9397.95	9185.69	9205.63	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.12	0.13	0.13	11.85	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	6.56	ppb
Copper	63-2	0.43	0.45	0.46	0.45	3.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	35.01	35.20	31.81	34.01	5.60	ppb
Iron	56-2	32.99	33.27	33.66	33.31	1.01	ppb
Iron	57-2	29.86	31.93	33.36	31.71	5.55	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	13.34	ppb
Lead	207-1	0.04	0.02	0.03	0.03	23.49	ppb
Lead	208-1	0.03	0.02	0.03	0.03	17.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	2383.55	2436.92	2397.62	2406.03	1.15	ppb
Manganese	55-2	3.13	3.13	3.09	3.12	0.75	ppb
Molybdenum	94-1	0.10	0.15	0.08	0.11	30.27	ppb
Molybdenum	95-1	0.09	0.07	0.08	0.08	11.64	ppb
Molybdenum	96-1	0.08	0.07	0.09	0.08	8.78	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	20.70	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.23	0.19	0.20	10.87	ppb
Phosphorus	31-2	-1.93	-9.43	1.37	-3.33		ppb
Potassium	39-2	428.06	417.74	425.50	423.77	1.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.01	0.40	0.15	0.19	107.73	ppb
Selenium	77-2	-0.19	-0.19	0.98	0.20	342.28	ppb
Selenium	78-2	-0.14	0.86	0.13	0.28	184.72	ppb
Silicon	28-1	6614.98	6708.25	6526.93	6616.72	1.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.03	ppb
Sodium	23-2	5421.66	5512.31	5429.02	5454.33	0.92	ppb
Strontium	86-1	56.27	58.24	56.06	56.85	2.11	ppb
Strontium	88-1	58.34	58.62	58.56	58.51	0.25	ppb
Sulfur	34-1	-1147.27	-1390.94	-1579.85	-1372.69		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	1.87	2.00	1.96	1.94	3.44	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.18	1.73	1.20	1.37	22.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.29	1.27	1.29	1.28	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.99	2.87	3.00	2.96	2.38	ppb
Zirconium	90-1	0.05	0.03	0.02	0.03	41.55	ppb
Zirconium	91-1	0.01	0.04	0.00	0.02	106.30	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.63	38.94	36.12	42.23	19.57	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	6.60	ppb
Arsenic	75-2	1.58	0.81	0.78	1.06	43.35	ppb
Barium	135-1	7.31	7.15	7.09	7.18	1.54	ppb
Barium	137-1	7.21	7.00	7.27	7.16	1.98	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	192.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	23.38	25.55	25.95	24.96	5.53	ppb
Boron	11-1	25.65	27.80	27.38	26.94	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.32	-0.29	-0.28		ppb
Cadmium	106-1	-3.31	-4.27	-3.79	-3.79		ppb
Cadmium	108-1	-0.25	-0.20	-0.26	-0.24		ppb
Calcium	43-1	14077.80	13971.14	13956.47	14001.81	0.47	ppb
Calcium	44-1	14000.43	14028.01	13983.11	14003.85	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.19	0.15	0.17	12.58	ppb
Cobalt	59-2	0.10	0.04	0.04	0.06	51.52	ppb
Copper	63-2	2.48	0.68	0.61	1.26	84.16	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				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	116.39	111.26	112.02	113.22	2.45	ppb
Iron	56-2	121.29	112.22	113.20	115.57	4.31	ppb
Iron	57-2	117.62	109.92	113.26	113.60	3.40	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.01	211.71	ppb
Lead	207-1	0.01	0.03	-0.01	0.01	186.41	ppb
Lead	208-1	0.00	0.01	0.01	0.01	62.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	3459.75	3361.60	3383.10	3401.49	1.52	ppb
Manganese	55-2	7.85	7.57	7.61	7.68	2.01	ppb
Molybdenum	94-1	0.10	0.08	0.10	0.10	10.76	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	8.55	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	22.87	ppb
Molybdenum	97-1	0.04	0.09	0.03	0.05	61.37	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.06	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.14	0.11	0.15	25.07	ppb
Phosphorus	31-2	10.47	5.43	3.08	6.33	59.66	ppb
Potassium	39-2	461.97	456.94	440.40	453.10	2.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.16	-0.11	0.11	0.05	278.27	ppb
Selenium	77-2	1.57	0.39	-0.19	0.59	152.40	ppb
Selenium	78-2	0.24	-0.14	-0.12	-0.01		ppb
Silicon	28-1	6364.45	6523.63	6258.07	6382.05	2.09	ppb
Silver	107-1	0.01	0.01	0.01	0.01	38.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.64	ppb
Sodium	23-2	6168.90	6142.36	6043.20	6118.15	1.08	ppb
Strontium	86-1	94.03	92.88	91.08	92.66	1.60	ppb
Strontium	88-1	92.53	97.15	93.75	94.48	2.53	ppb
Sulfur	34-1	-864.66	-1046.85	-861.73	-924.41		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	2.10	2.10	1.97	2.06	3.81	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.08	1.06	2.28	1.48	47.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	154.36	ppb
Vanadium	51-2	0.78	0.67	0.69	0.71	8.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	11.31	5.56	5.03	7.30	47.66	ppb
Zirconium	90-1	0.03	0.05	0.03	0.03	39.41	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.22	30.52	31.47	31.74	4.32	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	7.36	ppb
Arsenic	75-2	0.68	0.71	0.65	0.68	4.51	ppb
Barium	135-1	6.27	6.18	6.22	6.22	0.72	ppb
Barium	137-1	6.57	6.37	6.52	6.49	1.59	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	25.69	27.19	27.40	26.76	3.48	ppb
Boron	11-1	27.21	28.39	29.31	28.30	3.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.16	-0.24	-0.19		ppb
Cadmium	106-1	-2.08	-2.22	-3.24	-2.51		ppb
Cadmium	108-1	-0.24	-0.31	-0.22	-0.26		ppb
Calcium	43-1	11356.46	11596.22	11354.48	11435.72	1.22	ppb
Calcium	44-1	11404.58	11429.79	11319.45	11384.61	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.15	0.16	0.15	10.27	ppb
Cobalt	59-2	0.03	0.03	0.04	0.04	21.88	ppb
Copper	63-2	0.51	0.52	0.53	0.52	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	80.92	82.36	78.72	80.67	2.27	ppb
Iron	56-2	83.97	83.13	82.62	83.24	0.82	ppb
Iron	57-2	84.82	87.11	84.99	85.64	1.49	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	163.59	ppb
Lead	207-1	0.01	0.01	0.00	0.01	68.89	ppb
Lead	208-1	0.02	0.01	0.00	0.01	135.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	2936.28	2935.35	2949.29	2940.31	0.27	ppb
Manganese	55-2	6.00	6.03	5.91	5.98	1.00	ppb
Molybdenum	94-1	0.10	0.06	0.09	0.08	24.35	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	20.61	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	15.61	ppb
Molybdenum	97-1	0.05	0.06	0.06	0.06	10.29	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	15.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.11	0.12	10.53	ppb
Phosphorus	31-2	-13.68	-15.06	2.00	-8.91		ppb
Potassium	39-2	459.44	462.17	460.57	460.73	0.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.20	-0.07	0.14	0.09	159.41	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.05	0.42	0.21	0.23	80.68	ppb
Silicon	28-1	6349.53	6315.98	6184.00	6283.17	1.39	ppb
Silver	107-1	0.00	0.01	0.01	0.01	75.53	ppb
Silver	109-1	0.00	0.01	0.00	0.00	25.81	ppb
Sodium	23-2	5885.01	5904.33	6042.52	5943.95	1.45	ppb
Strontium	86-1	75.98	74.20	75.18	75.12	1.19	ppb
Strontium	88-1	77.81	77.03	76.87	77.24	0.65	ppb
Sulfur	34-1	-718.42	-648.21	-960.42	-775.68		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.05		ppb
Tin	118-1	1.87	1.91	1.94	1.91	2.02	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.78	1.46	1.09	1.44	23.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.37	ppb
Vanadium	51-2	1.01	1.03	1.05	1.03	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	0.90	0.96	1.13	1.00	11.80	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	31.69	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	14.08	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.09	44.17	40.95	43.74	5.94	ppb
Antimony	121-1	0.05	0.07	0.05	0.06	20.68	ppb
Arsenic	75-2	0.98	1.11	1.00	1.03	6.80	ppb
Barium	135-1	7.43	7.97	7.53	7.64	3.77	ppb
Barium	137-1	7.96	7.93	7.66	7.85	2.04	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	27.91	29.08	31.43	29.47	6.09	ppb
Boron	11-1	29.59	31.55	33.95	31.70	6.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.27	-0.33	-0.26		ppb
Cadmium	106-1	-2.14	-3.47	-4.52	-3.38		ppb
Cadmium	108-1	-0.03	-0.06	-0.24	-0.11		ppb
Calcium	43-1	12316.57	12251.95	12767.80	12445.44	2.26	ppb
Calcium	44-1	12291.65	12558.48	12416.07	12422.07	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.22	0.22	0.22	2.08	ppb
Cobalt	59-2	0.06	0.04	0.05	0.05	13.45	ppb
Copper	63-2	0.62	0.57	0.59	0.60	4.18	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				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	109.39	111.14	108.37	109.63	1.28	ppb
Iron	56-2	113.56	108.73	110.48	110.93	2.20	ppb
Iron	57-2	109.23	102.11	113.09	108.14	5.15	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	14.20	ppb
Lead	207-1	0.05	0.04	0.04	0.04	20.20	ppb
Lead	208-1	0.05	0.05	0.04	0.05	14.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	3174.75	3112.04	3056.54	3114.44	1.90	ppb
Manganese	55-2	9.29	9.15	9.02	9.15	1.45	ppb
Molybdenum	94-1	0.09	0.12	0.12	0.11	17.25	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	12.25	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	10.96	ppb
Molybdenum	97-1	0.08	0.06	0.07	0.07	16.33	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.30	0.28	0.27	12.97	ppb
Phosphorus	31-2	6.99	-1.26	1.05	2.26	188.06	ppb
Potassium	39-2	492.84	475.79	479.10	482.58	1.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.05	0.16	-0.15	0.02	822.48	ppb
Selenium	77-2	0.40	-0.19	-0.19	0.00	7894.16	ppb
Selenium	78-2	0.20	-0.08	-0.15	-0.01		ppb
Silicon	28-1	6483.58	6291.95	6645.36	6473.63	2.73	ppb
Silver	107-1	0.00	0.00	0.00	0.00	14.85	ppb
Silver	109-1	0.00	0.00	0.00	0.00	366.66	ppb
Sodium	23-2	6358.28	6224.13	6163.12	6248.51	1.60	ppb
Strontium	86-1	82.44	86.24	83.00	83.89	2.45	ppb
Strontium	88-1	84.20	87.58	85.40	85.73	2.00	ppb
Sulfur	34-1	-142.28	-193.22	90.48	-81.67		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	1.99	2.18	1.99	2.05	5.48	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.41	1.59	1.81	1.61	12.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	126.22	ppb
Vanadium	51-2	1.04	1.09	1.01	1.04	3.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4.84	4.72	4.99	4.85	2.76	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	19.03	ppb
Zirconium	91-1	0.01	0.11	0.03	0.05	100.19	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111.53	106.29	108.06	108.62	2.45	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	4.05	ppb
Arsenic	75-2	1.20	1.20	1.12	1.17	3.72	ppb
Barium	135-1	8.03	7.96	8.17	8.05	1.30	ppb
Barium	137-1	7.90	8.24	8.22	8.12	2.32	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	25.77	27.72	28.50	27.33	5.15	ppb
Boron	11-1	28.80	30.09	31.80	30.23	4.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.30	-0.33	-0.13	-0.25		ppb
Cadmium	106-1	-3.92	-4.35	-1.63	-3.30		ppb
Cadmium	108-1	-0.35	-0.10	-0.11	-0.19		ppb
Calcium	43-1	11805.13	12295.40	11995.51	12032.01	2.05	ppb
Calcium	44-1	11745.70	12124.46	12096.51	11988.89	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.17	0.14	0.16	10.23	ppb
Cobalt	59-2	0.08	0.09	0.08	0.08	4.24	ppb
Copper	63-2	0.92	0.82	0.86	0.87	5.61	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	179.10	186.12	175.71	180.31	2.95	ppb
Iron	56-2	179.77	182.56	179.83	180.72	0.88	ppb
Iron	57-2	175.21	182.15	179.03	178.80	1.94	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.10	0.10	9.56	ppb
Lead	207-1	0.09	0.07	0.08	0.08	10.77	ppb
Lead	208-1	0.10	0.09	0.09	0.09	7.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	3093.24	3061.65	3134.13	3096.34	1.17	ppb
Manganese	55-2	14.58	15.20	15.15	14.98	2.30	ppb
Molybdenum	94-1	0.15	0.13	0.10	0.13	19.61	ppb
Molybdenum	95-1	0.06	0.06	0.08	0.07	15.94	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.08	10.03	ppb
Molybdenum	97-1	0.05	0.07	0.04	0.05	31.45	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	10.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.26	0.24	0.24	6.81	ppb
Phosphorus	31-2	8.38	3.02	5.04	5.48	49.45	ppb
Potassium	39-2	477.92	496.10	476.72	483.58	2.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.31	-0.45	0.11	-0.01		ppb
Selenium	77-2	0.39	-0.19	-0.19	0.00	21937.30	ppb
Selenium	78-2	0.02	-0.03	-0.09	-0.03		ppb
Silicon	28-1	6170.25	6284.62	6295.69	6250.19	1.11	ppb
Silver	107-1	0.00	0.00	0.00	0.00	812.34	ppb
Silver	109-1	0.00	0.00	0.01	0.00	139.48	ppb
Sodium	23-2	6342.12	6090.81	6313.16	6248.70	2.20	ppb
Strontium	86-1	80.47	82.67	81.74	81.63	1.35	ppb
Strontium	88-1	83.79	85.26	83.48	84.18	1.13	ppb
Sulfur	34-1	-566.16	-401.32	-558.76	-508.75		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	1.90	2.47	2.00	2.12	14.41	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.94	3.83	4.62	4.46	12.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	41.23	ppb
Vanadium	51-2	1.20	1.19	1.16	1.18	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	3.71	3.86	3.78	3.78	1.89	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	15.91	ppb
Zirconium	91-1	0.07	0.04	0.41	0.17	117.60	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.28	44.12	44.79	45.40	3.67	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	8.14	ppb
Arsenic	75-2	1.76	1.72	1.77	1.75	1.70	ppb
Barium	135-1	7.41	7.38	7.69	7.50	2.26	ppb
Barium	137-1	7.86	7.77	7.97	7.87	1.26	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	26.40	26.39	27.71	26.83	2.84	ppb
Boron	11-1	28.47	29.62	30.04	29.38	2.77	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.29	-0.31	-0.21	-0.27		ppb
Cadmium	106-1	-3.65	-3.91	-2.64	-3.40		ppb
Cadmium	108-1	0.00	-0.01	-0.17	-0.06		ppb
Calcium	43-1	11720.83	11662.11	11506.96	11629.96	0.95	ppb
Calcium	44-1	11809.39	12037.26	11580.66	11809.10	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.09	0.06	0.06	37.12	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	12.31	ppb
Copper	63-2	0.70	0.72	0.67	0.70	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	122.45	113.60	123.56	119.87	4.55	ppb
Iron	56-2	120.50	119.01	121.22	120.24	0.94	ppb
Iron	57-2	121.30	122.27	118.77	120.78	1.49	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	15.14	ppb
Lead	207-1	0.01	0.00	0.00	0.00	172.83	ppb
Lead	208-1	0.01	0.01	0.01	0.01	37.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	3004.02	2939.85	3037.02	2993.63	1.65	ppb
Manganese	55-2	9.96	9.75	10.13	9.95	1.90	ppb
Molybdenum	94-1	0.12	0.10	0.11	0.11	8.16	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	11.88	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.07	4.68	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	18.42	ppb
Molybdenum	98-1	0.05	0.08	0.06	0.06	23.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.17	0.19	0.18	4.51	ppb
Phosphorus	31-2	15.75	-1.24	3.29	5.93	148.35	ppb
Potassium	39-2	475.87	456.48	494.82	475.72	4.03	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.55	0.38	0.21	0.38	44.07	ppb
Selenium	77-2	0.39	-0.19	0.41	0.20	170.62	ppb
Selenium	78-2	-0.46	-0.03	-0.81	-0.43		ppb
Silicon	28-1	6222.39	6117.98	6040.55	6126.97	1.49	ppb
Silver	107-1	0.00	0.00	0.00	0.00	144.57	ppb
Silver	109-1	0.00	0.00	0.00	0.00	157.05	ppb
Sodium	23-2	6440.80	6275.21	6313.21	6343.07	1.37	ppb
Strontium	86-1	80.11	83.37	81.71	81.73	1.99	ppb
Strontium	88-1	82.26	83.95	84.96	83.72	1.63	ppb
Sulfur	34-1	-331.50	-609.35	-787.29	-576.04		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.04		ppb
Tin	118-1	1.77	1.89	1.97	1.87	5.23	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.25	1.38	2.23	1.62	32.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.11	1.08	1.18	1.13	4.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	1.61	1.39	1.50	1.50	7.18	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	37.80	ppb
Zirconium	91-1	0.11	0.04	0.27	0.14	82.59	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.29	33.77	33.30	33.78	1.47	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	11.91	ppb
Arsenic	75-2	1.88	1.74	1.81	1.81	3.71	ppb
Barium	135-1	7.72	7.79	7.30	7.60	3.51	ppb
Barium	137-1	7.77	7.81	7.48	7.69	2.37	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	28.18	27.51	29.06	28.25	2.74	ppb
Boron	11-1	29.73	30.95	30.54	30.41	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.30	-0.24	-0.27		ppb
Cadmium	106-1	-3.35	-4.04	-3.04	-3.48		ppb
Cadmium	108-1	-0.04	-0.24	-0.14	-0.14		ppb
Calcium	43-1	11214.78	11065.07	11160.54	11146.80	0.68	ppb
Calcium	44-1	11145.11	11021.07	11357.67	11174.62	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.12	0.10	0.12	10.26	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	8.56	ppb
Copper	63-2	0.71	0.68	0.68	0.69	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	122.44	118.08	117.02	119.18	2.41	ppb
Iron	56-2	122.90	120.48	117.66	120.35	2.18	ppb
Iron	57-2	126.21	115.65	119.68	120.51	4.42	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	49.85	ppb
Lead	207-1	0.00	0.00	0.01	0.00	412.54	ppb
Lead	208-1	0.01	0.00	0.01	0.01	34.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	2839.94	2948.13	2802.87	2863.64	2.64	ppb
Manganese	55-2	10.14	10.12	9.58	9.95	3.17	ppb
Molybdenum	94-1	0.08	0.09	0.06	0.08	21.53	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	25.35	ppb
Molybdenum	96-1	0.18	0.05	0.05	0.09	77.07	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	14.39	ppb
Molybdenum	98-1	0.08	0.08	0.05	0.07	22.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.20	0.19	0.19	8.61	ppb
Phosphorus	31-2	1.58	-18.82	-8.43	-8.56		ppb
Potassium	39-2	455.92	469.85	443.25	456.34	2.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	-0.17	-0.29	-0.18		ppb
Selenium	77-2	-0.19	0.39	-0.19	0.00		ppb
Selenium	78-2	-0.16	-0.47	-0.30	-0.31		ppb
Silicon	28-1	6021.75	5880.79	6009.51	5970.68	1.31	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	141.38	ppb
Sodium	23-2	6373.99	6470.48	6254.31	6366.26	1.70	ppb
Strontium	86-1	79.72	81.56	83.25	81.51	2.17	ppb
Strontium	88-1	82.71	84.42	83.39	83.51	1.04	ppb
Sulfur	34-1	-481.94	-785.12	-589.80	-618.95		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	1.99	2.01	2.51	2.17	13.58	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.33	1.27	1.00	1.20	14.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	93.73	ppb
Vanadium	51-2	1.08	1.11	1.09	1.09	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	0.79	0.91	0.73	0.81	11.51	ppb
Zirconium	90-1	0.08	0.03	0.03	0.04	68.44	ppb
Zirconium	91-1	0.02	0.03	0.08	0.04	69.33	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.60	42.56	41.82	42.33	1.03	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	21.16	ppb
Arsenic	75-2	1.73	1.80	1.66	1.73	4.01	ppb
Barium	135-1	8.45	8.48	8.37	8.43	0.71	ppb
Barium	137-1	8.70	8.28	8.69	8.56	2.76	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	28.45	28.64	30.42	29.17	3.72	ppb
Boron	11-1	31.15	32.07	32.35	31.86	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.35	-0.31	-0.31		ppb
Cadmium	106-1	-3.47	-4.51	-3.99	-3.99		ppb
Cadmium	108-1	-0.29	-0.19	-0.03	-0.17		ppb
Calcium	43-1	11340.90	11446.38	11124.55	11303.94	1.45	ppb
Calcium	44-1	11290.85	11351.05	11247.71	11296.54	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.03	0.10	0.08	58.23	ppb
Cobalt	59-2	0.05	0.06	0.06	0.06	5.38	ppb
Copper	63-2	0.75	0.71	0.71	0.72	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	141.85	142.69	135.61	140.05	2.76	ppb
Iron	56-2	138.04	139.79	134.99	137.61	1.76	ppb
Iron	57-2	138.37	134.72	134.26	135.78	1.66	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.00	0.01	84.10	ppb
Lead	207-1	-0.01	0.02	-0.02	0.00		ppb
Lead	208-1	0.01	0.01	0.01	0.01	53.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	2978.01	2960.47	2888.42	2942.30	1.61	ppb
Manganese	55-2	9.49	9.47	9.29	9.42	1.20	ppb
Molybdenum	94-1	0.08	0.16	0.11	0.12	32.66	ppb
Molybdenum	95-1	0.03	0.07	0.05	0.05	40.29	ppb
Molybdenum	96-1	0.06	0.08	0.06	0.07	15.03	ppb
Molybdenum	97-1	0.06	0.06	0.08	0.07	10.35	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	9.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.17	0.16	9.63	ppb
Phosphorus	31-2	-0.28	-12.62	-11.14	-8.01		ppb
Potassium	39-2	514.48	519.26	501.09	511.61	1.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.24	0.09	-0.11	0.07	245.34	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.26	-0.11	0.09	-0.09		ppb
Silicon	28-1	5774.62	6221.44	5762.02	5919.36	4.42	ppb
Silver	107-1	0.00	0.01	0.00	0.00	116.16	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6826.61	6831.32	6800.76	6819.56	0.24	ppb
Strontium	86-1	86.10	84.81	84.14	85.01	1.17	ppb
Strontium	88-1	86.10	87.01	86.47	86.52	0.53	ppb
Sulfur	34-1	-422.64	-346.77	-619.22	-462.88		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	1.94	1.94	1.90	1.92	1.31	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.64	1.94	1.51	1.70	12.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.07	ppb
Vanadium	51-2	1.24	1.23	1.21	1.23	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.81	0.91	1.06	0.93	13.17	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	31.27	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	70.85	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.97	30.01	26.80	27.93	6.46	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.36	ppb
Arsenic	75-2	1.76	1.85	1.74	1.78	3.20	ppb
Barium	135-1	8.20	8.36	8.46	8.34	1.56	ppb
Barium	137-1	7.93	8.32	8.78	8.34	5.08	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	29.78	28.93	32.75	30.49	6.58	ppb
Boron	11-1	30.96	31.95	35.05	32.65	6.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.31	-0.37	-0.31		ppb
Cadmium	106-1	-3.13	-3.95	-4.83	-3.97		ppb
Cadmium	108-1	-0.15	-0.11	-0.16	-0.14		ppb
Calcium	43-1	11214.91	11018.89	12190.03	11474.61	5.47	ppb
Calcium	44-1	11071.37	11206.60	12051.70	11443.22	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.08	0.09	0.08	8.20	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	12.28	ppb
Copper	63-2	0.66	0.68	0.65	0.66	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	124.70	125.18	121.63	123.84	1.55	ppb
Iron	56-2	126.11	123.13	120.73	123.32	2.19	ppb
Iron	57-2	123.63	123.53	117.34	121.50	2.96	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	38.95	ppb
Lead	207-1	0.01	0.01	0.04	0.02	71.01	ppb
Lead	208-1	0.02	0.02	0.03	0.02	17.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	2897.11	2942.18	2865.94	2901.74	1.32	ppb
Manganese	55-2	8.48	8.54	8.29	8.44	1.55	ppb
Molybdenum	94-1	0.10	0.07	0.08	0.08	20.22	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.07	14.09	ppb
Molybdenum	96-1	0.06	0.09	0.08	0.08	16.48	ppb
Molybdenum	97-1	0.08	0.06	0.08	0.07	19.62	ppb
Molybdenum	98-1	0.06	0.06	0.08	0.07	15.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.19	0.20	7.11	ppb
Phosphorus	31-2	-5.86	-2.23	-18.84	-8.97		ppb
Potassium	39-2	485.42	456.67	465.62	469.23	3.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.17	0.31	0.04	0.17	79.55	ppb
Selenium	77-2	1.58	-0.19	-0.19	0.40	257.22	ppb
Selenium	78-2	-0.28	0.05	-0.05	-0.10		ppb
Silicon	28-1	5695.08	5658.62	6360.68	5904.79	6.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00	358.16	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6773.63	6857.60	6658.14	6763.12	1.48	ppb
Strontium	86-1	83.42	85.26	89.88	86.18	3.86	ppb
Strontium	88-1	84.83	85.87	91.95	87.55	4.39	ppb
Sulfur	34-1	-725.00	-899.94	23.34	-533.87		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.05		ppb
Tin	118-1	1.91	2.07	2.24	2.07	7.93	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.83	0.91	1.23	0.99	21.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	70.86	ppb
Vanadium	51-2	1.24	1.11	1.19	1.18	5.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.22	2.25	2.04	2.17	5.15	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	39.73	ppb
Zirconium	91-1	-0.02	0.02	-0.02	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.91	143.97	142.81	147.23	4.53	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	1.97	ppb
Arsenic	75-2	1.84	1.99	1.83	1.89	4.77	ppb
Barium	135-1	8.99	9.15	9.05	9.06	0.89	ppb
Barium	137-1	9.49	9.01	9.16	9.22	2.67	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	30.75	31.00	32.15	31.30	2.38	ppb
Boron	11-1	33.79	33.71	35.29	34.26	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.34	-0.47	-0.31		ppb
Cadmium	106-1	-1.45	-4.33	-6.23	-4.00		ppb
Cadmium	108-1	-0.28	-0.08	-0.12	-0.16		ppb
Calcium	43-1	11424.79	11177.48	11349.98	11317.42	1.12	ppb
Calcium	44-1	11593.43	11232.81	11390.22	11405.49	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.29	0.24	0.27	10.32	ppb
Cobalt	59-2	0.11	0.10	0.10	0.11	8.28	ppb
Copper	63-2	1.06	1.02	0.96	1.01	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	287.26	292.18	286.27	288.57	1.10	ppb
Iron	56-2	293.34	283.97	284.34	287.22	1.85	ppb
Iron	57-2	284.90	284.47	285.29	284.89	0.14	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	21.29	ppb
Lead	207-1	0.06	0.07	0.06	0.06	3.52	ppb
Lead	208-1	0.06	0.06	0.05	0.06	6.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	2944.93	2885.59	2909.38	2913.30	1.03	ppb
Manganese	55-2	13.79	13.52	13.48	13.60	1.21	ppb
Molybdenum	94-1	0.13	0.17	0.24	0.18	30.21	ppb
Molybdenum	95-1	0.06	0.07	0.07	0.07	11.35	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	2.13	ppb
Molybdenum	97-1	0.07	0.05	0.08	0.07	23.01	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	9.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.27	0.28	0.27	1.68	ppb
Phosphorus	31-2	-5.30	17.08	7.50	6.43	174.62	ppb
Potassium	39-2	491.90	482.57	472.76	482.41	1.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.04	-0.08	-0.05	-0.06		ppb
Selenium	77-2	-0.19	1.02	-0.19	0.21	331.72	ppb
Selenium	78-2	0.74	-0.53	-0.32	-0.04		ppb
Silicon	28-1	5982.95	5913.61	5962.70	5953.09	0.60	ppb
Silver	107-1	0.00	0.00	0.00	0.00	199.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6806.98	6662.16	6744.04	6737.73	1.08	ppb
Strontium	86-1	85.92	87.67	85.00	86.20	1.57	ppb
Strontium	88-1	89.12	89.17	85.95	88.08	2.09	ppb
Sulfur	34-1	-300.62	-516.81	-513.55	-443.66		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	2.03	2.00	1.90	1.98	3.50	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.50	4.88	4.91	5.10	6.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.09	ppb
Vanadium	51-2	1.51	1.49	1.57	1.52	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	2.30	2.20	2.23	2.24	2.29	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	8.98	ppb
Zirconium	91-1	0.11	0.09	0.09	0.10	12.70	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	2.37	2.04	2.44	17.66	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	36.19	ppb
Arsenic	75-2	-0.03	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.03	0.03	0.02	0.03	34.61	ppb
Barium	137-1	0.03	0.01	0.04	0.03	65.37	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	4.68	4.09	4.20	4.32	7.25	ppb
Boron	11-1	5.07	4.69	4.51	4.75	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.30	-0.05	-0.20		ppb
Cadmium	106-1	-3.27	-3.86	-0.47	-2.53		ppb
Cadmium	108-1	-0.05	-0.10	0.10	-0.02		ppb
Calcium	43-1	24.93	25.40	26.53	25.62	3.20	ppb
Calcium	44-1	23.08	23.76	21.43	22.75	5.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.06	-0.06	-0.06		ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	20.36	ppb
Copper	63-2	0.05	0.06	0.07	0.06	11.05	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				116		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	54-2	2.50	2.87	1.94	2.44	19.29	ppb
Iron	56-2	3.10	3.02	3.09	3.07	1.45	ppb
Iron	57-2	2.72	3.43	3.79	3.31	16.52	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.04	0.05	20.11	ppb
Lead	207-1	0.03	0.05	0.03	0.04	21.32	ppb
Lead	208-1	0.05	0.05	0.04	0.04	15.90	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.88	1.23	1.46	1.53	21.74	ppb
Manganese	55-2	0.07	0.04	-0.01	0.03	118.51	ppb
Molybdenum	94-1	0.01	0.00	0.03	0.01	105.67	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.06	0.07	10.54	ppb
Phosphorus	31-2	-24.63	-18.83	-10.01	-17.82		ppb
Potassium	39-2	-0.55	-0.63	1.97	0.27	557.00	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	0.15	0.09	0.01	0.08	89.40	ppb
Selenium	77-2	0.35	-0.19	0.37	0.18	181.44	ppb
Selenium	78-2	-0.33	-0.07	-0.69	-0.37		ppb
Silicon	28-1	2.02	2.96	2.27	2.42	20.29	ppb
Silver	107-1	0.00	0.00	0.00	0.00	33.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	25.34	23.94	24.16	24.48	3.08	ppb
Strontium	86-1	0.04	0.05	0.08	0.05	38.06	ppb
Strontium	88-1	0.07	0.06	0.07	0.07	7.83	ppb
Sulfur	34-1	-1646.96	-1424.41	-1617.35	-1562.91		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.13	-0.13	-0.11	-0.12		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.03	0.00	0.01	101.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1118.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	0.34	0.53	0.42	0.43	21.46	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.37	5.72	6.39	6.16	6.19	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	48.00	ppb
Arsenic	75-2	0.56	0.51	0.52	0.53	4.97	ppb
Barium	135-1	5.29	5.21	5.11	5.20	1.75	ppb
Barium	137-1	5.24	5.19	5.29	5.24	0.95	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	12.93	13.35	14.14	13.47	4.59	ppb
Boron	11-1	14.42	14.12	15.34	14.63	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.21	-0.41	-0.26		ppb
Cadmium	106-1	-2.04	-2.58	-5.37	-3.33		ppb
Cadmium	108-1	-0.05	-0.07	-0.08	-0.07		ppb
Calcium	43-1	12760.65	12297.94	13158.56	12739.05	3.38	ppb
Calcium	44-1	12838.49	12561.39	13350.11	12916.66	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.10	0.12	0.11	12.31	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	7.11	ppb
Copper	63-2	0.42	0.46	0.45	0.44	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	54.75	50.83	52.29	52.62	3.76	ppb
Iron	56-2	53.74	55.00	55.48	54.74	1.63	ppb
Iron	57-2	57.83	56.10	53.90	55.94	3.52	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				99		%
Magnesium	24-2	3018.72	2975.45	3034.34	3009.50	1.01	ppb
Manganese	55-2	5.72	5.72	5.77	5.73	0.56	ppb
Molybdenum	94-1	0.10	0.06	0.08	0.08	22.50	ppb
Molybdenum	95-1	0.05	0.06	0.03	0.04	29.17	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.05	11.95	ppb
Molybdenum	97-1	0.05	0.02	0.03	0.04	47.76	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	14.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.10	0.14	0.12	18.13	ppb
Phosphorus	31-2	-5.23	-8.82	-6.54	-6.86		ppb
Potassium	39-2	454.00	460.46	453.09	455.85	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.45	0.30	-0.34	0.14	304.42	ppb
Selenium	77-2	-0.19	0.41	-0.19	0.01	4082.40	ppb
Selenium	78-2	-0.70	-0.31	-0.58	-0.53		ppb
Silicon	28-1	7125.40	6901.43	7660.12	7228.98	5.39	ppb
Silver	107-1	0.00	0.00	0.00	0.00	428185.94	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6105.95	6028.66	6301.82	6145.48	2.29	ppb
Strontium	86-1	84.88	86.90	87.05	86.28	1.40	ppb
Strontium	88-1	86.16	89.01	90.61	88.59	2.54	ppb
Sulfur	34-1	-948.28	-1360.36	-809.76	-1039.47		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.07	-0.08	-0.04	-0.06		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.66	0.61	0.74	0.67	9.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	151.40	ppb
Vanadium	51-2	0.61	0.60	0.62	0.61	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.59	0.49	0.53	0.54	9.33	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	59.01	ppb
Zirconium	91-1	-0.02	0.03	0.00	0.00	513.44	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-03	Instrumnet Name :	P8
Client Sample ID :	JCEW4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:38:17	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.80	6.09	6.07	6.65	14.96	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.73	ppb
Arsenic	75-2	0.58	0.53	0.48	0.53	9.37	ppb
Barium	135-1	5.13	5.06	5.19	5.13	1.25	ppb
Barium	137-1	5.18	5.23	5.24	5.22	0.68	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	12.92	13.72	14.03	13.56	4.23	ppb
Boron	11-1	13.97	14.50	14.92	14.46	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.32	-0.33	-0.29		ppb
Cadmium	106-1	-2.96	-4.09	-4.38	-3.81		ppb
Cadmium	108-1	-0.15	-0.05	-0.28	-0.16		ppb
Calcium	43-1	12767.69	12637.25	12570.57	12658.50	0.79	ppb
Calcium	44-1	13036.52	12901.24	12989.91	12975.89	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.15	0.09	0.12	23.69	ppb
Cobalt	59-2	0.05	0.06	0.06	0.06	14.12	ppb
Copper	63-2	0.43	0.38	0.42	0.41	6.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	57.67	55.22	56.57	56.49	2.17	ppb
Iron	56-2	56.38	56.23	56.77	56.46	0.49	ppb
Iron	57-2	56.01	57.41	58.32	57.25	2.04	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-03	Instrumnet Name :	P8
Client Sample ID :	JCEW4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:38:17	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	0.00		ppb
Lithium	6-1				101		%
Magnesium	24-2	3013.33	3002.31	3073.28	3029.64	1.26	ppb
Manganese	55-2	6.06	5.79	5.76	5.87	2.79	ppb
Molybdenum	94-1	0.06	0.05	0.07	0.06	13.75	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	10.02	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	9.72	ppb
Molybdenum	97-1	0.05	0.03	0.05	0.04	32.14	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	9.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.13	0.15	0.14	6.41	ppb
Phosphorus	31-2	-1.12	2.25	-18.31	-5.73		ppb
Potassium	39-2	459.79	452.73	443.79	452.10	1.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.18	0.09	0.31	0.07	332.26	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.63	-0.17	-0.40	-0.40		ppb
Silicon	28-1	7259.03	7182.63	7316.68	7252.78	0.93	ppb
Silver	107-1	0.00	0.00	0.00	0.00	759.22	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6092.78	6146.59	6217.73	6152.37	1.02	ppb
Strontium	86-1	86.86	85.68	87.94	86.83	1.30	ppb
Strontium	88-1	88.69	86.10	88.60	87.80	1.67	ppb
Sulfur	34-1	-1199.34	-1254.73	-1321.58	-1258.55		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	-0.06	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.08	-0.06	-0.06	-0.07		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-03	Instrumnet Name :	P8
Client Sample ID :	JCEW4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:38:17	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.48	0.58	0.49	0.52	11.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.42	ppb
Vanadium	51-2	0.61	0.66	0.66	0.64	4.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1.10	0.96	1.26	1.11	13.56	ppb
Zirconium	90-1	0.02	0.00	0.03	0.02	87.73	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.10	5.15	4.56	4.94	6.61	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	7.18	ppb
Arsenic	75-2	1.72	1.68	1.68	1.70	1.44	ppb
Barium	135-1	8.08	7.43	7.75	7.76	4.18	ppb
Barium	137-1	8.19	8.03	8.19	8.14	1.14	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	26.40	25.20	27.16	26.25	3.77	ppb
Boron	11-1	27.79	26.97	28.99	27.91	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.20	-0.20	-0.26		ppb
Cadmium	106-1	-4.56	-2.58	-2.49	-3.21		ppb
Cadmium	108-1	0.13	-0.08	-0.10	-0.01		ppb
Calcium	43-1	12429.00	11457.19	12326.26	12070.81	4.42	ppb
Calcium	44-1	12118.77	11778.08	12497.00	12131.28	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.23	0.28	0.25	11.16	ppb
Cobalt	59-2	0.03	0.04	0.05	0.04	15.61	ppb
Copper	63-2	0.70	0.67	0.73	0.70	4.31	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				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	58.91	56.82	60.36	58.70	3.03	ppb
Iron	56-2	59.54	60.02	59.75	59.77	0.40	ppb
Iron	57-2	62.24	61.59	59.52	61.11	2.32	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	58.37	ppb
Lead	207-1	0.02	0.02	0.02	0.02	15.67	ppb
Lead	208-1	0.02	0.02	0.03	0.02	20.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	2963.08	2932.60	2949.48	2948.39	0.52	ppb
Manganese	55-2	6.15	6.19	6.11	6.15	0.60	ppb
Molybdenum	94-1	0.09	0.08	0.08	0.08	4.42	ppb
Molybdenum	95-1	0.06	0.05	0.07	0.06	17.78	ppb
Molybdenum	96-1	0.09	0.05	0.07	0.07	26.14	ppb
Molybdenum	97-1	0.06	0.06	0.07	0.06	5.59	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.28	0.33	0.29	11.39	ppb
Phosphorus	31-2	-11.23	4.10	4.25	-0.96		ppb
Potassium	39-2	454.43	464.51	459.59	459.51	1.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.02	-0.47	0.05	-0.13		ppb
Selenium	77-2	0.39	-0.19	-0.19	0.00	16668.45	ppb
Selenium	78-2	-0.14	0.13	-0.13	-0.04		ppb
Silicon	28-1	6464.36	5978.05	6266.02	6236.15	3.92	ppb
Silver	107-1	0.00	0.00	0.00	0.00	52.68	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6506.18	6626.55	6627.79	6586.84	1.06	ppb
Strontium	86-1	90.10	84.75	91.92	88.92	4.19	ppb
Strontium	88-1	94.48	85.32	92.25	90.68	5.26	ppb
Sulfur	34-1	509.40	-258.33	197.04	149.37	258.47	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	-0.07	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.05	-0.06		ppb
Tin	118-1	-0.03	-0.07	-0.04	-0.05		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.52	0.46	0.57	0.52	10.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.48	ppb
Vanadium	51-2	1.05	1.12	1.12	1.10	3.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2.83	2.65	3.13	2.87	8.55	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	160.57	ppb
Zirconium	91-1	0.03	-0.01	0.01	0.01	150.62	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.05	27.49	28.40	27.65	2.50	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	14.80	ppb
Arsenic	75-2	1.68	1.86	1.93	1.83	6.92	ppb
Barium	135-1	7.09	7.40	7.40	7.30	2.48	ppb
Barium	137-1	7.47	7.33	7.81	7.54	3.24	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	25.20	25.30	26.31	25.60	2.38	ppb
Boron	11-1	26.87	27.80	28.59	27.75	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.36	-0.26	-0.41	-0.34		ppb
Cadmium	106-1	-4.57	-3.26	-5.40	-4.41		ppb
Cadmium	108-1	0.13	-0.12	-0.21	-0.07		ppb
Calcium	43-1	11294.07	11429.43	11873.00	11532.16	2.63	ppb
Calcium	44-1	11458.30	11375.19	11934.17	11589.22	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.24	0.23	0.24	2.19	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	15.08	ppb
Copper	63-2	0.56	0.58	0.53	0.55	4.51	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	57.88	62.33	58.30	59.50	4.13	ppb
Iron	56-2	58.37	59.46	58.44	58.75	1.04	ppb
Iron	57-2	59.70	59.55	61.68	60.31	1.97	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.01	0.00	217.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	2847.97	2932.88	2860.63	2880.50	1.59	ppb
Manganese	55-2	6.13	5.88	6.37	6.13	4.01	ppb
Molybdenum	94-1	0.05	0.05	0.08	0.06	26.70	ppb
Molybdenum	95-1	0.05	0.08	0.06	0.06	21.90	ppb
Molybdenum	96-1	0.04	0.07	0.06	0.06	31.94	ppb
Molybdenum	97-1	0.08	0.05	0.06	0.06	28.59	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	13.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.38	0.38	0.36	6.36	ppb
Phosphorus	31-2	-4.02	-1.08	7.77	0.89	687.17	ppb
Potassium	39-2	451.37	456.21	455.38	454.32	0.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	-0.07	0.35	-0.04	0.08	293.72	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.02	-0.13	-0.27	-0.13		ppb
Silicon	28-1	5854.01	5939.31	6058.18	5950.50	1.72	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6304.29	6645.87	6543.00	6497.72	2.70	ppb
Strontium	86-1	83.66	80.43	85.25	83.11	2.95	ppb
Strontium	88-1	87.28	82.21	86.64	85.37	3.23	ppb
Sulfur	34-1	-324.01	-406.19	-203.28	-311.16		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.05	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.05	-0.06	-0.06		ppb
Tin	118-1	-0.07	-0.05	-0.04	-0.05		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.49	0.38	0.44	13.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	99.91	ppb
Vanadium	51-2	1.04	1.06	1.10	1.07	2.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1.06	1.06	1.09	1.07	1.53	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	46.33	ppb
Zirconium	91-1	0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	0.62	0.84	0.84	25.56	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	55.93	ppb
Arsenic	75-2	0.29	0.35	0.38	0.34	13.74	ppb
Barium	135-1	1.47	1.55	1.45	1.49	3.37	ppb
Barium	137-1	1.45	1.59	1.55	1.53	4.81	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	7.30	7.96	7.92	7.73	4.80	ppb
Boron	11-1	8.17	8.36	8.57	8.37	2.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.16	-0.33	-0.31		ppb
Cadmium	106-1	-5.82	-2.07	-4.27	-4.05		ppb
Cadmium	108-1	-0.12	0.03	0.03	-0.02		ppb
Calcium	43-1	2237.13	2278.30	2260.06	2258.50	0.91	ppb
Calcium	44-1	2279.12	2359.62	2365.11	2334.62	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.03	0.03	29.70	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	34.07	ppb
Copper	63-2	0.16	0.14	0.14	0.15	8.03	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				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	11.97	10.98	11.52	11.49	4.29	ppb
Iron	56-2	11.89	11.04	11.44	11.46	3.70	ppb
Iron	57-2	13.46	12.20	11.97	12.54	6.38	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	42.25	ppb
Lead	207-1	-0.02	0.00	0.02	0.00		ppb
Lead	208-1	0.00	0.01	0.01	0.01	81.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	566.19	571.08	558.59	565.29	1.11	ppb
Manganese	55-2	1.20	1.27	1.29	1.25	3.94	ppb
Molybdenum	94-1	0.00	0.03	0.00	0.01	248.24	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	97.56	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	308.16	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	50.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.07	0.07	9.12	ppb
Phosphorus	31-2	-9.67	-8.01	-26.00	-14.56		ppb
Potassium	39-2	91.16	90.86	93.55	91.85	1.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.21	-0.21	-0.08	-0.03		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.08	-0.65	-0.76	-0.44		ppb
Silicon	28-1	1155.74	1154.76	1162.23	1157.58	0.35	ppb
Silver	107-1	0.00	0.00	0.00	0.00	104.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1249.33	1273.94	1279.91	1267.73	1.28	ppb
Strontium	86-1	16.37	15.91	17.19	16.49	3.93	ppb
Strontium	88-1	16.25	15.96	16.84	16.35	2.74	ppb
Sulfur	34-1	-817.61	-761.20	-911.91	-830.24		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.06	-0.05	-0.06		ppb
Thallium	205-1	-0.05	-0.06	-0.05	-0.05		ppb
Tin	118-1	-0.09	-0.09	-0.01	-0.06		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.12	0.22	0.17	29.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.19	0.19	0.20	0.20	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.62	0.44	0.42	0.49	22.49	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2030.39	2026.65	2011.83	2022.95	0.49	ppb
Antimony	121-1	102.39	105.02	106.38	104.59	1.94	ppb
Arsenic	75-2	47.43	44.15	45.07	45.55	3.71	ppb
Barium	135-1	2008.68	2022.53	2046.78	2026.00	0.95	ppb
Barium	137-1	2020.27	2079.18	2075.92	2058.46	1.61	ppb
Beryllium	9-1	52.69	53.48	52.14	52.77	1.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	24.13	25.83	26.11	25.36	4.22	ppb
Boron	11-1	26.64	29.02	29.25	28.31	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	51.34	53.88	52.70	52.64	2.41	ppb
Cadmium	106-1	39.32	44.43	40.70	41.48	6.38	ppb
Cadmium	108-1	44.19	46.54	46.03	45.58	2.71	ppb
Calcium	43-1	11402.20	11589.17	11628.04	11539.81	1.05	ppb
Calcium	44-1	11505.27	11865.30	11758.22	11709.59	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207.22	201.41	203.00	203.88	1.47	ppb
Cobalt	59-2	537.07	539.35	534.14	536.86	0.49	ppb
Copper	63-2	270.70	268.28	268.34	269.11	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	1341.77	1333.17	1329.89	1334.94	0.46	ppb
Iron	56-2	1196.60	1174.04	1161.64	1177.43	1.51	ppb
Iron	57-2	1170.69	1142.13	1112.94	1141.92	2.53	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.10	19.62	19.95	19.89	1.24	ppb
Lead	207-1	19.60	18.75	19.75	19.36	2.78	ppb
Lead	208-1	19.98	19.35	20.16	19.83	2.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	3012.11	2938.81	2915.57	2955.50	1.70	ppb
Manganese	55-2	501.74	495.58	503.43	500.25	0.83	ppb
Molybdenum	94-1	0.09	0.12	0.11	0.11	14.01	ppb
Molybdenum	95-1	0.09	0.09	0.11	0.10	10.52	ppb
Molybdenum	96-1	0.11	0.12	0.14	0.12	12.32	ppb
Molybdenum	97-1	0.10	0.12	0.12	0.11	10.15	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.37	519.67	522.45	522.16	0.45	ppb
Phosphorus	31-2	0.33	-7.66	9.14	0.61	1386.35	ppb
Potassium	39-2	478.65	477.54	472.71	476.30	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	107.39	107.33	108.08	107.60	0.39	ppb
Selenium	77-2	115.13	105.56	107.69	109.46	4.59	ppb
Selenium	78-2	105.86	99.91	112.61	106.13	5.99	ppb
Silicon	28-1	5927.79	6129.52	6065.06	6040.79	1.71	ppb
Silver	107-1	50.87	52.37	52.84	52.03	1.97	ppb
Silver	109-1	51.25	53.52	53.59	52.79	2.52	ppb
Sodium	23-2	6718.05	6615.59	6501.99	6611.88	1.63	ppb
Strontium	86-1	84.38	83.01	83.70	83.69	0.82	ppb
Strontium	88-1	84.91	84.56	87.37	85.61	1.79	ppb
Sulfur	34-1	-627.75	-642.00	-722.76	-664.17		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	50.30	49.67	50.71	50.23	1.04	ppb
Thallium	205-1	50.25	49.87	50.88	50.34	1.01	ppb
Tin	118-1	-0.01	-0.01	0.04	0.01	461.90	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.56	0.52	0.58	0.55	5.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	49.29	ppb
Vanadium	51-2	520.47	504.65	513.47	512.86	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	546.68	537.55	540.81	541.68	0.85	ppb
Zirconium	90-1	0.01	0.00	0.05	0.02	117.75	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	35.27	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-07	Instrumnet Name :	P8
Client Sample ID :	JCEW8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:56:17	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.95	4.02	3.36	3.78	9.68	ppb
Antimony	121-1	0.03	0.02	0.01	0.02	26.26	ppb
Arsenic	75-2	0.36	0.45	0.52	0.44	19.00	ppb
Barium	135-1	5.49	5.40	5.33	5.41	1.56	ppb
Barium	137-1	5.42	5.23	5.21	5.29	2.25	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	653.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	24.99	28.13	26.47	26.53	5.93	ppb
Boron	11-1	26.50	30.06	28.09	28.21	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.35	-0.30	-0.32	-0.32		ppb
Cadmium	106-1	-4.68	-3.99	-4.38	-4.35		ppb
Cadmium	108-1	-0.18	-0.26	-0.24	-0.23		ppb
Calcium	43-1	9386.45	9399.89	9370.83	9385.72	0.15	ppb
Calcium	44-1	9510.11	9448.76	9282.98	9413.95	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.30	0.32	0.31	4.33	ppb
Cobalt	59-2	0.04	0.05	0.05	0.05	7.81	ppb
Copper	63-2	0.48	0.40	0.41	0.43	10.34	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	17.45	15.27	14.68	15.80	9.24	ppb
Iron	56-2	15.88	15.65	15.68	15.74	0.80	ppb
Iron	57-2	15.37	17.28	18.92	17.19	10.33	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-07	Instrumnet Name :	P8
Client Sample ID :	JCEW8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:56:17	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				98		%
Magnesium	24-2	2587.49	2550.08	2533.43	2557.00	1.08	ppb
Manganese	55-2	1.85	2.03	1.75	1.88	7.43	ppb
Molybdenum	94-1	0.11	0.07	0.11	0.10	23.48	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	11.44	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	3.32	ppb
Molybdenum	97-1	0.07	0.10	0.08	0.08	19.40	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	11.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.33	0.34	0.32	4.54	ppb
Phosphorus	31-2	-10.11	4.17	-3.84	-3.26		ppb
Potassium	39-2	457.27	443.70	433.75	444.91	2.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.30	-0.24	-0.12	-0.02		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.31	0.32	-0.12	-0.04		ppb
Silicon	28-1	6270.20	6175.43	6338.14	6261.26	1.31	ppb
Silver	107-1	0.04	0.03	0.02	0.03	32.71	ppb
Silver	109-1	0.04	0.03	0.03	0.03	13.03	ppb
Sodium	23-2	5893.61	5807.28	5837.54	5846.15	0.75	ppb
Strontium	86-1	61.01	60.08	58.62	59.90	2.01	ppb
Strontium	88-1	62.05	63.65	61.83	62.51	1.59	ppb
Sulfur	34-1	-1347.56	-1345.18	-1387.45	-1360.07		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.03		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-07	Instrumnet Name :	P8
Client Sample ID :	JCEW8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:56:17	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.49	0.56	0.53	7.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.20	1.08	1.05	1.11	7.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1.25	1.22	1.03	1.17	10.02	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.90	ppb
Zirconium	91-1	-0.02	0.00	0.02	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.64	7.45	7.60	7.56	1.37	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.70	ppb
Arsenic	75-2	0.27	0.30	0.29	0.29	4.29	ppb
Barium	135-1	3.51	3.86	3.70	3.69	4.74	ppb
Barium	137-1	3.86	3.69	3.97	3.84	3.65	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	22.88	25.90	24.99	24.59	6.31	ppb
Boron	11-1	25.74	26.61	27.55	26.64	3.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.49	-0.22	-0.33		ppb
Cadmium	106-1	-3.58	-6.57	-2.94	-4.36		ppb
Cadmium	108-1	-0.35	-0.26	-0.31	-0.31		ppb
Calcium	43-1	9249.14	9274.22	9283.20	9268.85	0.19	ppb
Calcium	44-1	9303.78	9186.12	9165.22	9218.37	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.11	0.12	0.11	9.45	ppb
Cobalt	59-2	0.02	0.02	0.04	0.02	37.80	ppb
Copper	63-2	0.35	0.42	0.40	0.39	9.03	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				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	15.57	17.60	15.37	16.18	7.62	ppb
Iron	56-2	15.48	14.95	15.38	15.27	1.85	ppb
Iron	57-2	15.24	15.89	18.00	16.38	8.82	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	0.00	-0.02	-0.01		ppb
Lead	208-1	-0.02	-0.01	-0.02	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-2	2467.74	2454.69	2492.66	2471.70	0.78	ppb
Manganese	55-2	2.49	2.50	2.58	2.53	2.02	ppb
Molybdenum	94-1	0.06	0.08	0.09	0.08	19.79	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	19.25	ppb
Molybdenum	96-1	0.05	0.07	0.06	0.06	12.50	ppb
Molybdenum	97-1	0.10	0.11	0.08	0.09	18.41	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	12.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.12	0.17	0.15	17.87	ppb
Phosphorus	31-2	-7.74	-3.55	15.06	1.26	965.60	ppb
Potassium	39-2	422.14	432.41	429.04	427.86	1.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.45	0.32	0.09	0.29	63.02	ppb
Selenium	77-2	0.41	-0.19	-0.19	0.01	5143.52	ppb
Selenium	78-2	-0.32	-0.11	0.13	-0.10		ppb
Silicon	28-1	6639.85	6690.37	6777.56	6702.59	1.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	48.09	ppb
Silver	109-1	0.00	0.01	0.01	0.01	30.65	ppb
Sodium	23-2	5672.90	5458.25	5523.09	5551.41	1.98	ppb
Strontium	86-1	58.55	58.56	56.17	57.76	2.38	ppb
Strontium	88-1	59.33	58.76	58.07	58.72	1.08	ppb
Sulfur	34-1	-1201.19	-1312.18	-1328.52	-1280.63		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Tin	118-1	-0.06	-0.07	-0.06	-0.06		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.61	0.50	0.55	10.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.22	1.19	1.29	1.23	4.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1.14	1.47	1.32	1.31	12.59	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	126.02	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	89.24	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:02:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51731.16	51776.49	51488.52	51665.39	0.30	ppb
Antimony	121-1	497.64	509.27	498.20	501.70	1.31	ppb
Arsenic	75-2	516.63	529.79	522.68	523.03	1.26	ppb
Barium	135-1	2503.27	2535.35	2532.24	2523.62	0.70	ppb
Barium	137-1	2521.28	2518.98	2501.87	2514.04	0.42	ppb
Beryllium	9-1	521.37	503.77	497.36	507.50	2.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	495.20	498.96	502.24	498.80	0.71	ppb
Boron	11-1	488.36	514.17	506.78	503.10	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	506.16	521.85	523.46	517.16	1.85	ppb
Cadmium	106-1	516.41	516.72	517.04	516.72	0.06	ppb
Cadmium	108-1	504.38	528.39	507.99	513.59	2.52	ppb
Calcium	43-1	259166.33	254606.75	251507.15	255093.41	1.51	ppb
Calcium	44-1	254171.66	254410.66	251313.52	253298.61	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.55	509.64	509.57	507.25	0.80	ppb
Cobalt	59-2	485.15	505.58	487.66	492.80	2.26	ppb
Copper	63-2	5117.76	5172.55	5116.44	5135.58	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				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	129580.18	133265.94	132029.23	131625.12	1.43	ppb
Iron	56-2	128607.26	133938.65	131009.43	131185.11	2.04	ppb
Iron	57-2	129849.54	131785.43	128733.03	130122.66	1.19	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:02:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2603.60	2491.69	2536.81	2544.03	2.21	ppb
Lead	207-1	2677.54	2536.33	2608.11	2607.33	2.71	ppb
Lead	208-1	2645.04	2541.40	2591.47	2592.64	2.00	ppb
Lithium	6-1				94		%
Magnesium	24-2	266871.89	264958.35	263452.60	265094.28	0.65	ppb
Manganese	55-2	4941.98	5152.88	5045.66	5046.84	2.09	ppb
Molybdenum	94-1	2512.15	2518.96	2602.18	2544.43	1.97	ppb
Molybdenum	95-1	2524.08	2545.55	2618.21	2562.62	1.92	ppb
Molybdenum	96-1	2580.90	2572.11	2572.52	2575.18	0.19	ppb
Molybdenum	97-1	2548.79	2522.87	2548.06	2539.90	0.58	ppb
Molybdenum	98-1	2542.93	2544.17	2549.36	2545.49	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.94	478.54	464.34	469.61	1.66	ppb
Phosphorus	31-2	9598.81	9913.31	9834.23	9782.12	1.67	ppb
Potassium	39-2	125708.48	129693.25	129075.87	128159.20	1.67	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	516.53	511.38	516.39	514.77	0.57	ppb
Selenium	77-2	491.68	506.39	475.26	491.11	3.17	ppb
Selenium	78-2	502.00	516.98	515.01	511.33	1.59	ppb
Silicon	28-1	453.49	449.76	444.12	449.12	1.05	ppb
Silver	107-1	514.16	518.17	512.24	514.86	0.59	ppb
Silver	109-1	506.83	525.10	506.23	512.72	2.09	ppb
Sodium	23-2	254600.18	268905.91	261796.54	261767.54	2.73	ppb
Strontium	86-1	5108.63	5066.09	5061.07	5078.59	0.51	ppb
Strontium	88-1	5162.13	5108.51	5153.30	5141.31	0.56	ppb
Sulfur	34-1	10130.25	10238.32	9757.34	10041.97	2.51	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	536.41	513.03	511.87	520.43	2.66	ppb
Thallium	205-1	526.70	501.91	508.91	512.50	2.49	ppb
Tin	118-1	494.92	512.84	503.44	503.73	1.78	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:02:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2592.06	2561.19	2523.80	2559.02	1.34	ppb
Uranium	238-1	530.96	532.52	539.36	534.28	0.84	ppb
Vanadium	51-2	502.40	504.05	507.12	504.52	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5014.71	5215.88	5152.37	5127.65	2.01	ppb
Zirconium	90-1	516.43	510.84	509.50	512.26	0.72	ppb
Zirconium	91-1	519.38	512.78	529.86	520.68	1.65	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:07:56	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.11	0.02	0.10	76.15	ppb
Antimony	121-1	0.07	0.09	0.11	0.09	22.15	ppb
Arsenic	75-2	-0.01	-0.01	-0.04	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.02	0.00		ppb
Barium	137-1	0.01	0.00	0.03	0.01	148.59	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	111.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	11.98	11.27	10.58	11.28	6.24	ppb
Boron	11-1	12.63	11.81	11.29	11.91	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.23	-0.25	-0.23		ppb
Cadmium	106-1	-2.74	-3.13	-3.50	-3.12		ppb
Cadmium	108-1	0.02	-0.06	0.07	0.01	579.88	ppb
Calcium	43-1	-0.32	-0.12	0.96	0.17	400.23	ppb
Calcium	44-1	-1.88	-3.41	-1.23	-2.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	33.67	ppb
Copper	63-2	0.07	0.09	0.06	0.07	25.55	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	1.47	0.90	0.77	1.05	35.77	ppb
Iron	56-2	0.51	0.67	0.70	0.63	16.67	ppb
Iron	57-2	0.73	1.09	1.11	0.98	21.81	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:07:56	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	14.64	ppb
Lead	207-1	0.08	0.08	0.07	0.08	9.45	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.28	1.88	1.34	1.50	21.96	ppb
Manganese	55-2	0.07	0.04	0.09	0.07	36.88	ppb
Molybdenum	94-1	0.09	0.05	0.08	0.07	28.30	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	25.01	ppb
Molybdenum	96-1	0.06	0.05	0.03	0.05	25.07	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	22.06	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	15.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.03	0.01	103.91	ppb
Phosphorus	31-2	-8.84	-16.01	-28.47	-17.77		ppb
Potassium	39-2	5.24	4.20	2.82	4.09	29.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.03	0.00	-0.42	-0.13		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.03	-0.12	0.18	0.03	457.05	ppb
Silicon	28-1	-0.11	-1.18	0.22	-0.36		ppb
Silver	107-1	0.02	0.02	0.01	0.02	35.14	ppb
Silver	109-1	0.03	0.02	0.02	0.03	14.43	ppb
Sodium	23-2	15.24	14.51	14.41	14.72	3.05	ppb
Strontium	86-1	0.04	-0.02	0.04	0.02	186.28	ppb
Strontium	88-1	0.02	0.02	0.03	0.03	20.82	ppb
Sulfur	34-1	-1208.23	-1485.17	-999.32	-1230.91		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.01	0.05	0.00	1557.61	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:07:56	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.04	0.04	0.02	109.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	80.72	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.05	0.13	0.11	0.10	45.52	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	89.63	ppb
Zirconium	91-1	0.00	-0.02	0.03	0.00	693.86	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	4.39	4.25	4.16	6.94	ppb
Antimony	121-1	0.08	0.11	0.11	0.10	15.91	ppb
Arsenic	75-2	0.64	0.72	0.74	0.70	7.32	ppb
Barium	135-1	6.89	6.88	6.85	6.88	0.30	ppb
Barium	137-1	7.08	6.84	7.06	6.99	1.92	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	25.78	26.39	25.23	25.80	2.25	ppb
Boron	11-1	28.79	28.00	28.32	28.37	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.37	-0.36	-0.30		ppb
Cadmium	106-1	-2.07	-4.84	-4.58	-3.83		ppb
Cadmium	108-1	-0.13	-0.05	-0.03	-0.07		ppb
Calcium	43-1	14370.09	13942.84	13942.89	14085.27	1.75	ppb
Calcium	44-1	14561.43	13974.58	13971.25	14169.09	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.12	0.09	0.10	13.14	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	10.24	ppb
Copper	63-2	0.39	0.40	0.35	0.38	6.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	52.26	50.03	50.03	50.77	2.53	ppb
Iron	56-2	53.07	52.68	52.62	52.79	0.46	ppb
Iron	57-2	59.54	54.87	51.89	55.43	6.96	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.06	0.05	19.54	ppb
Lead	207-1	0.04	0.07	0.06	0.06	22.27	ppb
Lead	208-1	0.05	0.06	0.06	0.05	6.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	3415.49	3428.70	3443.89	3429.36	0.41	ppb
Manganese	55-2	4.16	4.16	3.85	4.06	4.50	ppb
Molybdenum	94-1	0.12	0.07	0.11	0.10	24.17	ppb
Molybdenum	95-1	0.06	0.08	0.08	0.08	20.00	ppb
Molybdenum	96-1	0.09	0.07	0.09	0.08	16.95	ppb
Molybdenum	97-1	0.06	0.06	0.09	0.07	21.11	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.19	0.15	0.16	16.48	ppb
Phosphorus	31-2	-10.78	-13.12	5.24	-6.22		ppb
Potassium	39-2	458.55	460.23	451.58	456.78	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.12	-0.12	0.06	0.02	687.00	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.31	0.07	-0.22	0.05	504.60	ppb
Silicon	28-1	6387.36	6318.07	6174.55	6293.33	1.72	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.48	ppb
Silver	109-1	0.01	0.02	0.01	0.01	7.76	ppb
Sodium	23-2	6175.44	6116.55	6140.63	6144.21	0.48	ppb
Strontium	86-1	94.78	92.32	93.48	93.53	1.32	ppb
Strontium	88-1	96.07	93.05	94.26	94.46	1.61	ppb
Sulfur	34-1	-252.73	-583.38	-689.60	-508.57		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.04	-0.06	-0.05	-0.05		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.49	0.54	0.48	10.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	67.16	ppb
Vanadium	51-2	0.58	0.58	0.58	0.58	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4.19	4.59	4.62	4.46	5.43	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	126.08	ppb
Zirconium	91-1	0.02	-0.02	0.00	0.00	5293.24	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.54	4.02	3.52	4.03	12.71	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	4.90	ppb
Arsenic	75-2	0.64	0.68	0.59	0.64	7.13	ppb
Barium	135-1	5.93	6.18	5.78	5.97	3.39	ppb
Barium	137-1	6.32	5.91	6.12	6.12	3.31	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	27.73	29.66	28.39	28.59	3.44	ppb
Boron	11-1	30.08	31.74	31.39	31.07	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.20	-0.30	-0.25		ppb
Cadmium	106-1	-3.34	-2.59	-3.96	-3.30		ppb
Cadmium	108-1	-0.12	-0.23	-0.11	-0.16		ppb
Calcium	43-1	11311.63	11724.15	11541.97	11525.92	1.79	ppb
Calcium	44-1	11730.39	11672.32	11573.29	11658.66	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.07	0.05	0.07	26.23	ppb
Cobalt	59-2	0.04	0.04	0.05	0.05	6.55	ppb
Copper	63-2	0.37	0.44	0.46	0.43	11.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	44.34	46.21	45.19	45.25	2.07	ppb
Iron	56-2	44.38	45.17	44.17	44.57	1.18	ppb
Iron	57-2	44.85	45.70	44.86	45.14	1.08	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.02	0.03	29.43	ppb
Lead	207-1	0.03	0.02	0.02	0.02	35.66	ppb
Lead	208-1	0.03	0.03	0.02	0.03	35.10	ppb
Lithium	6-1				98		%
Magnesium	24-2	2984.06	3013.68	2940.05	2979.27	1.24	ppb
Manganese	55-2	2.96	2.80	2.95	2.91	3.09	ppb
Molybdenum	94-1	0.08	0.09	0.09	0.09	8.86	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	2.87	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.06	18.04	ppb
Molybdenum	97-1	0.05	0.08	0.06	0.06	24.02	ppb
Molybdenum	98-1	0.09	0.06	0.08	0.08	19.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.14	0.12	0.14	13.75	ppb
Phosphorus	31-2	-3.51	-7.25	10.98	0.07	13038.87	ppb
Potassium	39-2	460.46	464.85	455.92	460.41	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.20	-0.05	0.08	-0.06		ppb
Selenium	77-2	0.40	0.41	0.39	0.40	1.85	ppb
Selenium	78-2	0.62	0.11	0.23	0.32	83.66	ppb
Silicon	28-1	6135.63	6284.75	6187.01	6202.47	1.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.29	ppb
Silver	109-1	0.00	0.00	0.01	0.00	87.03	ppb
Sodium	23-2	6079.87	6126.64	6018.01	6074.84	0.90	ppb
Strontium	86-1	79.09	78.21	75.40	77.57	2.48	ppb
Strontium	88-1	80.17	80.63	77.47	79.42	2.15	ppb
Sulfur	34-1	-713.02	-508.89	-730.21	-650.71		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.05	-0.06	-0.04	-0.05		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.55	0.46	0.50	8.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	96.04	ppb
Vanadium	51-2	0.97	0.95	0.91	0.95	3.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.91	1.36	1.05	1.11	20.85	ppb
Zirconium	90-1	0.02	-0.01	0.00	0.00	939.58	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	850.43	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.35	7.27	7.89	7.50	4.47	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	6.11	ppb
Arsenic	75-2	0.89	0.98	1.01	0.96	6.72	ppb
Barium	135-1	7.00	7.03	7.32	7.12	2.50	ppb
Barium	137-1	7.37	7.40	7.46	7.41	0.62	ppb
Beryllium	9-1	-0.01	0.00	0.00	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	28.86	27.65	30.40	28.97	4.75	ppb
Boron	11-1	31.30	30.12	32.08	31.16	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.17	-0.39	-0.27		ppb
Cadmium	106-1	-3.48	-1.99	-5.27	-3.58		ppb
Cadmium	108-1	-0.22	-0.03	-0.29	-0.18		ppb
Calcium	43-1	11850.57	11853.21	12061.81	11921.86	1.02	ppb
Calcium	44-1	11869.82	11931.55	11950.82	11917.40	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.22	0.18	16.26	ppb
Cobalt	59-2	0.07	0.07	0.06	0.07	9.18	ppb
Copper	63-2	0.45	0.44	0.45	0.45	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	61.18	58.83	56.45	58.82	4.02	ppb
Iron	56-2	59.39	57.94	58.15	58.49	1.35	ppb
Iron	57-2	58.99	59.59	54.49	57.69	4.83	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	13.18	ppb
Lead	207-1	0.05	0.05	0.04	0.05	12.17	ppb
Lead	208-1	0.05	0.05	0.04	0.04	7.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	3093.72	3151.06	3003.91	3082.89	2.41	ppb
Manganese	55-2	6.14	6.02	6.10	6.09	1.04	ppb
Molybdenum	94-1	0.08	0.09	0.06	0.08	17.52	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	22.93	ppb
Molybdenum	96-1	0.06	0.08	0.08	0.07	17.31	ppb
Molybdenum	97-1	0.05	0.07	0.07	0.06	19.73	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.07	10.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.19	0.21	0.21	9.11	ppb
Phosphorus	31-2	-3.59	-24.00	-6.05	-11.22		ppb
Potassium	39-2	475.88	484.10	476.21	478.73	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.44	-0.02	0.48	0.30	94.14	ppb
Selenium	77-2	0.40	0.40	-0.19	0.20	170.40	ppb
Selenium	78-2	-0.08	-0.29	-0.40	-0.25		ppb
Silicon	28-1	6108.77	6026.66	6233.70	6123.05	1.70	ppb
Silver	107-1	0.00	0.01	0.00	0.00	95.35	ppb
Silver	109-1	0.00	0.00	0.01	0.00	127.25	ppb
Sodium	23-2	6392.97	6420.82	6073.40	6295.73	3.07	ppb
Strontium	86-1	81.87	81.70	82.83	82.13	0.74	ppb
Strontium	88-1	83.75	83.12	84.74	83.87	0.97	ppb
Sulfur	34-1	-244.29	-356.36	-289.95	-296.87		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.05	-0.02	-0.03	-0.03		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.44	0.61	0.49	20.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	222.67	ppb
Vanadium	51-2	0.94	0.96	0.82	0.91	8.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.55	2.18	2.54	2.42	8.63	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.17	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.80	4.71	4.49	4.33	11.03	ppb
Antimony	121-1	0.10	0.06	0.07	0.08	25.50	ppb
Arsenic	75-2	1.01	1.14	0.93	1.03	10.46	ppb
Barium	135-1	7.27	7.07	6.81	7.05	3.24	ppb
Barium	137-1	7.31	7.30	6.94	7.18	2.94	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	27.48	28.76	27.85	28.03	2.35	ppb
Boron	11-1	30.05	29.90	31.26	30.40	2.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.31	-0.39	-0.31	-0.34		ppb
Cadmium	106-1	-4.07	-5.05	-4.07	-4.40		ppb
Cadmium	108-1	-0.07	-0.24	-0.14	-0.15		ppb
Calcium	43-1	11747.70	11344.07	11796.66	11629.47	2.14	ppb
Calcium	44-1	11637.81	11526.28	11783.77	11649.29	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.12	0.08	0.09	22.70	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	5.36	ppb
Copper	63-2	0.54	0.50	0.49	0.51	5.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	55.42	54.49	53.75	54.55	1.54	ppb
Iron	56-2	54.15	53.81	54.34	54.10	0.49	ppb
Iron	57-2	55.45	54.65	54.18	54.76	1.18	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.02	0.02	42.01	ppb
Lead	207-1	-0.01	0.00	0.01	0.00		ppb
Lead	208-1	0.01	0.01	0.01	0.01	3.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	3021.72	3002.31	2925.43	2983.15	1.71	ppb
Manganese	55-2	6.09	6.05	5.96	6.04	1.15	ppb
Molybdenum	94-1	0.08	0.09	0.08	0.08	6.80	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	15.20	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	6.83	ppb
Molybdenum	97-1	0.07	0.08	0.05	0.06	21.93	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	8.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.14	0.14	0.14	3.79	ppb
Phosphorus	31-2	-11.72	-10.06	-6.90	-9.56		ppb
Potassium	39-2	461.53	460.37	466.09	462.66	0.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.18	0.33	0.01	0.05	507.66	ppb
Selenium	77-2	-0.19	-0.19	0.38	0.00		ppb
Selenium	78-2	-0.44	0.32	0.34	0.07	599.25	ppb
Silicon	28-1	5827.03	5586.33	5917.89	5777.08	2.97	ppb
Silver	107-1	0.00	0.00	0.01	0.00	101.38	ppb
Silver	109-1	0.00	0.00	0.00	0.00	181.01	ppb
Sodium	23-2	5909.78	6126.72	6082.85	6039.78	1.90	ppb
Strontium	86-1	78.53	81.68	80.66	80.29	2.00	ppb
Strontium	88-1	80.75	82.65	81.83	81.74	1.17	ppb
Sulfur	34-1	-455.85	-847.17	-481.53	-594.85		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.06	-0.04	-0.05	-0.05		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.51	0.41	0.45	0.46	10.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.27	ppb
Vanadium	51-2	0.91	0.88	0.92	0.90	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.63	1.97	1.96	1.85	10.49	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	127.35	ppb
Zirconium	91-1	-0.02	0.00	0.02	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.88	5.65	5.88	5.47	9.59	ppb
Antimony	121-1	0.08	0.14	0.13	0.12	26.81	ppb
Arsenic	75-2	1.49	1.57	1.50	1.52	3.09	ppb
Barium	135-1	7.38	8.44	7.57	7.80	7.27	ppb
Barium	137-1	7.34	8.68	7.72	7.91	8.73	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	27.22	35.39	31.04	31.22	13.09	ppb
Boron	11-1	28.62	36.75	33.50	32.96	12.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.41	-0.31	-0.33		ppb
Cadmium	106-1	-3.43	-5.37	-3.93	-4.24		ppb
Cadmium	108-1	-0.02	-0.11	-0.22	-0.12		ppb
Calcium	43-1	11589.79	13768.03	12657.80	12671.87	8.60	ppb
Calcium	44-1	11493.57	13841.25	12560.88	12631.90	9.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.06	0.06	3.34	ppb
Cobalt	59-2	0.05	0.05	0.06	0.06	9.14	ppb
Copper	63-2	0.50	0.50	0.51	0.50	1.86	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				99		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	56.24	59.61	56.23	57.36	3.39	ppb
Iron	56-2	58.76	59.17	60.87	59.60	1.88	ppb
Iron	57-2	57.36	61.68	62.68	60.57	4.67	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.04	0.00	0.01	181.70	ppb
Lead	207-1	0.01	0.02	0.01	0.02	21.88	ppb
Lead	208-1	0.01	0.03	0.01	0.01	89.19	ppb
Lithium	6-1				93		%
Magnesium	24-2	2931.74	3009.85	2972.25	2971.28	1.31	ppb
Manganese	55-2	5.73	5.87	5.93	5.84	1.76	ppb
Molybdenum	94-1	0.07	0.09	0.04	0.07	36.05	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	16.75	ppb
Molybdenum	96-1	0.06	0.08	0.07	0.07	10.08	ppb
Molybdenum	97-1	0.05	0.10	0.08	0.08	28.47	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	10.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.22	0.19	0.19	17.71	ppb
Phosphorus	31-2	-3.33	-13.55	-11.45	-9.44		ppb
Potassium	39-2	464.48	478.17	480.50	474.38	1.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				101		%
Selenium	82-1	0.43	-0.84	-0.12	-0.18		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.21	-0.40	-0.31	-0.31		ppb
Silicon	28-1	6133.30	6993.26	6264.36	6463.64	7.17	ppb
Silver	107-1	0.01	0.00	0.00	0.00	243.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	114.01	ppb
Sodium	23-2	6165.64	6302.99	6357.61	6275.42	1.58	ppb
Strontium	86-1	81.81	98.05	87.80	89.22	9.21	ppb
Strontium	88-1	83.23	99.70	88.45	90.46	9.31	ppb
Sulfur	34-1	-805.44	886.87	-225.17	-47.92		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	-0.05	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.06	-0.05	0.28	0.06	332.39	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.70	0.63	0.66	4.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	95.40	ppb
Vanadium	51-2	0.97	0.95	1.01	0.98	3.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	2.03	2.14	2.08	2.09	2.73	ppb
Zirconium	90-1	0.05	0.01	0.01	0.02	105.56	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.80	5.92	6.36	6.36	6.90	ppb
Antimony	121-1	0.06	0.10	0.07	0.08	25.46	ppb
Arsenic	75-2	1.70	1.84	1.84	1.79	4.38	ppb
Barium	135-1	7.49	7.65	7.19	7.44	3.16	ppb
Barium	137-1	7.91	7.75	7.67	7.78	1.58	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	28.09	29.13	30.34	29.19	3.85	ppb
Boron	11-1	30.57	32.12	32.18	31.62	2.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.34	-0.32	-0.28		ppb
Cadmium	106-1	-2.23	-4.32	-4.25	-3.60		ppb
Cadmium	108-1	-0.23	-0.04	-0.25	-0.17		ppb
Calcium	43-1	11492.21	11596.69	11441.42	11510.11	0.69	ppb
Calcium	44-1	11812.66	11843.40	11515.30	11723.79	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.17	0.20	0.19	9.48	ppb
Cobalt	59-2	0.08	0.06	0.06	0.07	21.10	ppb
Copper	63-2	0.57	0.55	0.57	0.56	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	75.59	73.25	74.09	74.31	1.59	ppb
Iron	56-2	73.63	73.29	73.55	73.49	0.25	ppb
Iron	57-2	71.63	72.47	79.69	74.59	5.94	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.00	0.01	116.61	ppb
Lead	207-1	0.01	0.02	0.01	0.01	15.81	ppb
Lead	208-1	0.02	0.02	0.01	0.02	12.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	2909.84	2945.62	2929.97	2928.47	0.61	ppb
Manganese	55-2	6.87	7.04	6.98	6.96	1.20	ppb
Molybdenum	94-1	0.33	0.21	0.16	0.23	37.63	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	15.92	ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	11.97	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	10.36	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.21	0.26	0.21	22.73	ppb
Phosphorus	31-2	0.88	-18.90	-15.37	-11.13		ppb
Potassium	39-2	482.69	476.19	466.76	475.21	1.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.19	0.38	0.25	0.27	36.65	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.34	-0.30	0.04	-0.20		ppb
Silicon	28-1	6018.61	6051.22	5929.34	5999.72	1.05	ppb
Silver	107-1	0.00	0.00	0.00	0.00	86.26	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6566.66	6771.27	6607.39	6648.44	1.63	ppb
Strontium	86-1	86.23	83.72	85.98	85.31	1.62	ppb
Strontium	88-1	86.47	86.08	86.91	86.49	0.48	ppb
Sulfur	34-1	-547.68	-672.13	-815.23	-678.35		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Tin	118-1	-0.04	-0.05	0.00	-0.03		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.53	0.61	0.45	0.53	14.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.13	ppb
Vanadium	51-2	1.12	1.16	1.16	1.14	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.22	2.42	2.28	2.31	4.27	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	6.87	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	4.14	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.52	4.93	5.30	4.92	8.00	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	7.61	ppb
Arsenic	75-2	1.78	1.76	1.58	1.71	6.42	ppb
Barium	135-1	8.16	7.76	8.17	8.03	2.93	ppb
Barium	137-1	8.17	7.89	7.85	7.97	2.21	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	29.60	31.19	32.50	31.10	4.66	ppb
Boron	11-1	32.33	33.71	35.30	33.78	4.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.39	-0.35	-0.33		ppb
Cadmium	106-1	-3.38	-5.00	-4.68	-4.35		ppb
Cadmium	108-1	-0.14	-0.09	-0.22	-0.15		ppb
Calcium	43-1	11468.67	11545.30	11492.25	11502.08	0.34	ppb
Calcium	44-1	11517.99	11628.43	11814.92	11653.78	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.09	0.06	0.09	28.23	ppb
Cobalt	59-2	0.07	0.06	0.07	0.06	9.63	ppb
Copper	63-2	0.56	0.54	0.54	0.54	1.96	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				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	74.06	68.35	71.57	71.33	4.01	ppb
Iron	56-2	71.34	70.73	71.06	71.04	0.43	ppb
Iron	57-2	68.99	72.01	69.03	70.01	2.47	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.04	0.03	33.68	ppb
Lead	207-1	0.03	0.04	0.04	0.04	23.69	ppb
Lead	208-1	0.03	0.02	0.04	0.03	19.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	2914.51	2910.10	2900.36	2908.32	0.25	ppb
Manganese	55-2	8.32	8.60	8.31	8.41	1.92	ppb
Molybdenum	94-1	0.07	0.10	0.07	0.08	20.54	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	14.86	ppb
Molybdenum	96-1	0.08	0.06	0.08	0.07	13.33	ppb
Molybdenum	97-1	0.08	0.06	0.03	0.06	39.68	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.07	11.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.26	0.30	0.26	12.98	ppb
Phosphorus	31-2	8.55	-6.41	-15.53	-4.46		ppb
Potassium	39-2	495.63	489.52	496.83	494.00	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.06	-0.16	-0.28	-0.13		ppb
Selenium	77-2	0.39	-0.19	-0.19	0.00	193924.93	ppb
Selenium	78-2	0.37	-0.02	0.25	0.20	100.06	ppb
Silicon	28-1	5955.45	6008.75	5954.08	5972.76	0.52	ppb
Silver	107-1	0.00	0.00	0.00	0.00	115.25	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6679.25	6634.03	6640.35	6651.21	0.37	ppb
Strontium	86-1	81.87	84.59	85.12	83.86	2.08	ppb
Strontium	88-1	84.54	85.82	85.15	85.17	0.75	ppb
Sulfur	34-1	-586.97	-497.11	-527.08	-537.05		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Tin	118-1	-0.05	-0.05	-0.03	-0.04		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.62	0.49	0.52	18.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	339.61	ppb
Vanadium	51-2	1.09	1.08	1.06	1.08	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.37	1.47	1.56	1.47	6.57	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	76.29	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	93.38	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-16	Instrumnet Name :	P8
Client Sample ID :	JCEY6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:31:49	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.21	5.22	4.40	4.61	11.59	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.64	ppb
Arsenic	75-2	1.65	1.90	1.76	1.77	7.05	ppb
Barium	135-1	8.26	8.11	8.87	8.42	4.79	ppb
Barium	137-1	8.80	8.08	8.56	8.48	4.31	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	30.15	31.91	32.44	31.50	3.81	ppb
Boron	11-1	31.68	34.10	35.39	33.72	5.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.36	-0.44	-0.27	-0.36		ppb
Cadmium	106-1	-4.83	-5.77	-3.51	-4.70		ppb
Cadmium	108-1	-0.21	-0.14	-0.12	-0.16		ppb
Calcium	43-1	12092.75	11723.26	11747.47	11854.49	1.74	ppb
Calcium	44-1	11939.59	11518.34	11904.61	11787.52	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.10	0.14	0.11	32.39	ppb
Cobalt	59-2	0.05	0.05	0.06	0.05	8.07	ppb
Copper	63-2	0.57	0.58	0.65	0.60	7.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	78.07	79.17	75.10	77.45	2.72	ppb
Iron	56-2	77.43	75.93	78.61	77.32	1.74	ppb
Iron	57-2	73.53	77.90	78.94	76.79	3.74	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-16	Instrumnet Name :	P8
Client Sample ID :	JCEY6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:31:49	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.03	0.04	0.05	50.30	ppb
Lead	207-1	0.05	0.05	0.06	0.05	10.05	ppb
Lead	208-1	0.06	0.04	0.04	0.05	18.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	2980.17	2924.26	2960.34	2954.92	0.96	ppb
Manganese	55-2	7.02	7.14	6.82	6.99	2.27	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.07	21.55	ppb
Molybdenum	95-1	0.06	0.07	0.05	0.06	15.59	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.06	7.17	ppb
Molybdenum	97-1	0.05	0.09	0.10	0.08	31.40	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.07	9.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.25	0.23	0.24	4.19	ppb
Phosphorus	31-2	-15.55	-13.84	-11.46	-13.62		ppb
Potassium	39-2	484.75	490.19	500.29	491.74	1.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.06	0.07	0.18	0.10	64.11	ppb
Selenium	77-2	0.39	-0.19	-0.19	0.00	13133.50	ppb
Selenium	78-2	0.40	-0.10	-0.14	0.05	589.68	ppb
Silicon	28-1	6158.69	5923.49	5853.67	5978.62	2.67	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	62.90	ppb
Sodium	23-2	6997.71	7118.23	6894.82	7003.59	1.60	ppb
Strontium	86-1	86.48	89.04	89.75	88.42	1.95	ppb
Strontium	88-1	92.17	91.81	92.21	92.06	0.24	ppb
Sulfur	34-1	-263.55	-848.05	-759.04	-623.55		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.05	-0.06	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.05	-0.03	0.00	-0.03		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-16	Instrumnet Name :	P8
Client Sample ID :	JCEY6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:31:49	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.61	0.49	0.61	0.57	12.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.77	ppb
Vanadium	51-2	1.16	1.08	1.11	1.11	3.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	4.40	4.55	4.64	4.53	2.57	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	40.08	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	55.32	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.35	5.74	5.23	5.44	4.84	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	9.98	ppb
Arsenic	75-2	1.59	1.86	1.72	1.72	7.79	ppb
Barium	135-1	8.40	8.20	8.15	8.25	1.66	ppb
Barium	137-1	8.69	8.56	8.51	8.59	1.10	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	29.66	31.09	32.03	30.93	3.86	ppb
Boron	11-1	31.46	34.18	35.26	33.64	5.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.38	-0.39	-0.33		ppb
Cadmium	106-1	-2.98	-5.10	-5.15	-4.41		ppb
Cadmium	108-1	-0.11	-0.22	-0.18	-0.17		ppb
Calcium	43-1	11225.77	11194.24	11368.71	11262.91	0.83	ppb
Calcium	44-1	11319.32	11289.84	11166.42	11258.53	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.07	0.12	0.09	26.85	ppb
Cobalt	59-2	0.08	0.08	0.07	0.07	3.94	ppb
Copper	63-2	0.62	0.60	0.60	0.60	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				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	91.11	95.76	92.63	93.17	2.55	ppb
Iron	56-2	93.40	97.81	95.09	95.43	2.33	ppb
Iron	57-2	100.94	93.58	91.53	95.35	5.19	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	36.43	ppb
Lead	207-1	0.01	-0.01	0.01	0.01	217.24	ppb
Lead	208-1	0.01	0.01	0.01	0.01	8.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	2951.62	2985.56	2886.63	2941.27	1.71	ppb
Manganese	55-2	8.85	8.78	8.45	8.70	2.50	ppb
Molybdenum	94-1	0.08	0.07	0.05	0.06	20.96	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	5.49	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	10.43	ppb
Molybdenum	97-1	0.03	0.07	0.06	0.06	35.55	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.08	11.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.23	0.22	0.22	6.91	ppb
Phosphorus	31-2	-15.79	-10.69	-4.46	-10.31		ppb
Potassium	39-2	481.64	491.31	480.47	484.47	1.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.29	0.04	0.09	191.71	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.02	-0.42	-0.19	-0.20		ppb
Silicon	28-1	5696.09	5817.82	5713.33	5742.41	1.15	ppb
Silver	107-1	0.01	0.00	0.00	0.00	1111.19	ppb
Silver	109-1	0.00	0.00	0.00	0.00	554.48	ppb
Sodium	23-2	6832.12	6865.68	6738.51	6812.10	0.97	ppb
Strontium	86-1	87.24	86.55	83.88	85.89	2.06	ppb
Strontium	88-1	86.59	87.44	88.58	87.54	1.14	ppb
Sulfur	34-1	-654.98	-624.46	-757.37	-678.94		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	1.75	1.80	1.84	1.80	2.30	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.54	0.67	0.58	12.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.68	ppb
Vanadium	51-2	1.17	1.16	1.09	1.14	3.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.52	1.73	1.46	1.57	9.13	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.62	ppb
Zirconium	91-1	0.00	0.00	0.02	0.00	295.89	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50935.25	50946.16	48692.27	50191.22	2.59	ppb
Antimony	121-1	475.07	506.91	470.19	484.06	4.12	ppb
Arsenic	75-2	515.53	517.81	500.58	511.31	1.83	ppb
Barium	135-1	2399.74	2619.61	2361.22	2460.19	5.67	ppb
Barium	137-1	2412.62	2624.04	2393.80	2476.82	5.16	ppb
Beryllium	9-1	495.25	496.29	492.56	494.70	0.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	468.35	483.98	491.69	481.34	2.47	ppb
Boron	11-1	482.73	486.99	501.72	490.48	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	495.73	507.23	485.61	496.19	2.18	ppb
Cadmium	106-1	503.16	524.24	495.36	507.59	2.94	ppb
Cadmium	108-1	489.66	513.89	492.08	498.54	2.68	ppb
Calcium	43-1	241831.58	255602.98	239058.97	245497.84	3.61	ppb
Calcium	44-1	243667.09	252055.96	247812.58	247845.21	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.94	503.49	488.30	499.91	2.06	ppb
Cobalt	59-2	488.07	478.20	472.26	479.51	1.67	ppb
Copper	63-2	5116.50	5065.02	4865.16	5015.56	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	131073.58	130940.35	124359.35	128791.09	2.98	ppb
Iron	56-2	131981.57	130551.74	127604.29	130045.87	1.72	ppb
Iron	57-2	130568.89	126543.87	124989.46	127367.41	2.26	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2497.68	2637.31	2512.51	2549.17	3.01	ppb
Lead	207-1	2509.99	2673.86	2547.04	2576.96	3.33	ppb
Lead	208-1	2513.44	2624.96	2536.13	2558.18	2.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	263521.50	260950.79	249731.27	258067.85	2.84	ppb
Manganese	55-2	5158.89	5172.16	4950.11	5093.72	2.45	ppb
Molybdenum	94-1	2453.03	2490.43	2423.65	2455.70	1.36	ppb
Molybdenum	95-1	2468.45	2494.38	2399.23	2454.02	2.00	ppb
Molybdenum	96-1	2570.62	2514.13	2455.07	2513.27	2.30	ppb
Molybdenum	97-1	2530.68	2535.14	2385.20	2483.67	3.43	ppb
Molybdenum	98-1	2501.65	2545.98	2373.95	2473.86	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.67	459.04	447.52	456.74	1.82	ppb
Phosphorus	31-2	10037.09	9887.30	9416.01	9780.14	3.31	ppb
Potassium	39-2	128043.05	124519.64	120996.05	124519.58	2.83	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	505.43	508.01	487.42	500.29	2.24	ppb
Selenium	77-2	502.56	497.46	462.19	487.40	4.51	ppb
Selenium	78-2	504.34	509.71	482.43	498.83	2.90	ppb
Silicon	28-1	494.36	534.02	524.79	517.73	4.01	ppb
Silver	107-1	489.47	514.35	484.75	496.19	3.21	ppb
Silver	109-1	481.68	513.98	477.92	491.19	4.04	ppb
Sodium	23-2	263511.80	264352.58	255230.28	261031.55	1.93	ppb
Strontium	86-1	4916.08	5075.21	4807.98	4933.09	2.72	ppb
Strontium	88-1	4932.37	5050.75	4795.77	4926.30	2.59	ppb
Sulfur	34-1	10018.65	10712.12	9684.71	10138.49	5.17	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	510.41	537.66	507.22	518.43	3.23	ppb
Thallium	205-1	498.34	521.86	502.70	507.64	2.46	ppb
Tin	118-1	488.10	504.24	471.53	487.96	3.35	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2534.33	2551.15	2439.77	2508.42	2.39	ppb
Uranium	238-1	517.73	535.28	513.73	522.25	2.20	ppb
Vanadium	51-2	495.36	483.20	489.94	489.50	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5059.76	4984.18	4852.40	4965.45	2.11	ppb
Zirconium	90-1	508.25	507.50	496.76	504.17	1.28	ppb
Zirconium	91-1	509.98	508.53	492.41	503.64	1.94	ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.37	-0.27	-0.17		ppb
Antimony	121-1	0.07	0.10	0.12	0.09	24.76	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.06	0.05	0.03	0.04	31.79	ppb
Barium	137-1	0.01	0.03	0.02	0.02	45.57	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	78.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	12.92	12.28	11.93	12.38	4.03	ppb
Boron	11-1	13.23	13.00	12.63	12.96	2.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.18	-0.31	-0.26		ppb
Cadmium	106-1	-3.53	-2.32	-4.20	-3.35		ppb
Cadmium	108-1	0.14	0.23	0.10	0.15	43.12	ppb
Calcium	43-1	0.04	-1.25	1.19	0.00		ppb
Calcium	44-1	-2.12	-1.44	0.29	-1.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	205.79	ppb
Copper	63-2	0.08	0.07	0.08	0.08	6.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	0.18	0.65	0.13	0.32	88.21	ppb
Iron	56-2	0.09	0.15	0.07	0.10	38.00	ppb
Iron	57-2	-0.42	0.42	-0.25	-0.08		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.14	0.14	2.72	ppb
Lead	207-1	0.13	0.14	0.12	0.13	6.61	ppb
Lead	208-1	0.15	0.14	0.14	0.14	1.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.94	0.70	0.30	0.65	49.90	ppb
Manganese	55-2	0.07	0.05	0.05	0.06	21.19	ppb
Molybdenum	94-1	0.07	0.06	0.08	0.07	8.98	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	13.54	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	15.58	ppb
Molybdenum	97-1	0.04	0.02	0.02	0.03	42.80	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	11.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-15.83	-18.99	-21.35	-18.72		ppb
Potassium	39-2	9.78	12.54	10.83	11.05	12.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.29	-0.05	0.23	0.16	115.95	ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.03	-0.48	-0.24	-0.23		ppb
Silicon	28-1	-0.62	0.34	1.65	0.45	251.60	ppb
Silver	107-1	0.03	0.03	0.02	0.03	21.20	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.99	ppb
Sodium	23-2	25.54	24.26	23.31	24.37	4.58	ppb
Strontium	86-1	-0.03	0.02	0.04	0.01	417.10	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.69	ppb
Sulfur	34-1	-1184.08	-851.09	-440.05	-825.07		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	9.80	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.75	ppb
Tin	118-1	-0.02	-0.05	0.02	-0.02		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.01	-0.01	0.02	152.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.82	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.25	0.31	0.22	0.26	17.68	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	397.16	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286	301	326	305	6.63	cps
Antimony	121-1	2075	1642	1867	1861	11.65	cps
Arsenic	75-2	115	91	93	100	13.36	cps
Barium	135-1	575	525	500	533	7.16	cps
Barium	137-1	792	942	675	803	16.65	cps
Beryllium	9-1	1296	1196	1030	1174	11.44	cps
Bismuth	209-1	16758780	16312538	16001974	16357764	2.33	cps
Bismuth	209-2	7583799	7556774	7618786	7586453	0.41	cps
Boron	10-1	1500	1526	1514	1513	0.86	cps
Boron	11-1	6782	6668	6666	6706	0.99	cps
Bromine	81-1	8822	8782	8652	8752	1.02	cps
Cadmium	111-1	8980	8616	8502	8699	2.87	cps
Cadmium	106-1	12806	12623	12114	12514	2.87	cps
Cadmium	108-1	1525	1529	1367	1474	6.29	cps
Calcium	43-1	817	769	741	776	4.98	cps
Calcium	44-1	36657	36206	36564	36476	0.65	cps
Carbon	12-1	7003606	7172579	7139302	7105162	1.26	cps
Carbon	12-2	71793	74481	74640	73638	2.17	cps
Chlorine	35-1	3997192	3801953	3630469	3809871	4.82	cps
Chlorine	35-2	21525	20064	19906	20498	4.35	cps
Chromium	52-2	1230	1337	1323	1297	4.48	cps
Cobalt	59-2	483	533	490	502	5.41	cps
Copper	63-2	1697	1600	1700	1666	3.41	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	175	192	183	183	4.54	cps
Erbium	164-2	57	50	70	59	17.29	cps
Gadolinium	160-1	308	317	258	294	10.72	cps
Gadolinium	160-2	83	57	90	77	23.00	cps
Holmium	165-1	25970335	25869858	26005932	25948708	0.27	cps
Holmium	165-2	10272579	10213137	10338356	10274691	0.61	cps
Indium	115-1	22680167	22268113	22446791	22465024	0.92	cps
Indium	115-2	2842092	2835409	2806770	2828090	0.66	cps
Iron	54-2	828	789	733	783	6.06	cps
Iron	56-2	11844	11321	11043	11403	3.56	cps
Iron	57-2	194	283	300	259	21.89	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	713	763	706	8.79	cps
Lead	206-1	2878	2739	2328	2648	10.80	cps
Lead	207-1	2284	2061	2150	2165	5.17	cps
Lead	208-1	11152	10374	9724	10417	6.86	cps
Lithium	6-1	11639065	11613160	11316382	11522869	1.56	cps
Magnesium	24-2	1425	1600	1483	1503	5.93	cps
Manganese	55-2	263	310	340	304	12.69	cps
Molybdenum	94-1	2000	1934	1592	1842	11.90	cps
Molybdenum	95-1	2209	1859	1884	1984	9.85	cps
Molybdenum	96-1	2992	2609	2492	2698	9.70	cps
Molybdenum	97-1	1350	1275	1092	1239	10.73	cps
Molybdenum	98-1	3459	3551	3000	3337	8.83	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	280	267	263	270	3.27	cps
Phosphorus	31-2	192	175	217	194	10.78	cps
Potassium	39-2	13056	13206	12956	13073	0.96	cps
Rhodium	103-1	21593593	21771717	21221360	21528890	1.30	cps
Rhodium	103-2	8854127	9078617	9023781	8985508	1.30	cps
Scandium	45-1	16514476	15954673	16504666	16324605	1.96	cps
Scandium	45-2	443008	441766	445205	443326	0.39	cps
Selenium	82-1	27	-4	-60	-12	-352.90	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	29	28	23	27	12.05	cps
Silicon	28-1	447802	469259	458426	458496	2.34	cps
Silver	107-1	433	408	300	381	18.62	cps
Silver	109-1	192	150	225	189	19.90	cps
Sodium	23-2	28821	29355	28720	28965	1.18	cps
Strontium	86-1	2059	1959	1825	1947	6.01	cps
Strontium	88-1	6160	5543	5610	5771	5.87	cps
Sulfur	34-1	553408	552322	547562	551097	0.56	cps
Terbium	159-1	26668978	26866223	26005421	26513541	1.70	cps
Terbium	159-2	10224724	10192680	10265109	10227504	0.35	cps
Thallium	203-1	6102	5793	5160	5685	8.45	cps
Thallium	205-1	15443	13850	13424	14239	7.47	cps
Tin	118-1	4309	4735	4426	4490	4.90	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:05:26	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	475	483	458	7.93	cps
Uranium	238-1	2617	2425	2159	2400	9.59	cps
Vanadium	51-2	223	213	153	197	19.25	cps
Ytterbium	172-1	450	400	458	436	7.23	cps
Ytterbium	172-2	256	178	139	191	31.14	cps
Ytterbium	176-1	3951	3742	4126	3940	4.87	cps
Ytterbium	176-2	1783	1889	1839	1837	2.87	cps
Yttrium	89-1	34413442	34139581	33847980	34133668	0.83	cps
Yttrium	89-2	3088000	3063663	3075948	3075871	0.40	cps
Zinc	66-2	750	677	640	689	8.13	cps
Zirconium	90-1	2417	2350	2267	2345	3.21	cps
Zirconium	91-1	575	450	500	508	12.38	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134	155	182	157	15.56	cps
Antimony	121-1	158	67	150	125	40.55	cps
Arsenic	75-2	11	9	16	12	30.05	cps
Barium	135-1	158	183	175	172	7.39	cps
Barium	137-1	242	383	233	286	29.46	cps
Beryllium	9-1	76	52	68	65	18.71	cps
Bismuth	209-1	16243506	16086817	16475716	16268680	1.20	cps
Bismuth	209-2	7565546	7668873	7909727	7714715	2.29	cps
Boron	10-1	972	1000	1022	998	2.51	cps
Boron	11-1	4472	4552	4604	4542	1.46	cps
Bromine	81-1	8852	9543	9724	9373	4.91	cps
Cadmium	111-1	7515	7356	8185	7685	5.72	cps
Cadmium	106-1	10704	10563	11664	10977	5.46	cps
Cadmium	108-1	88	138	96	107	25.05	cps
Calcium	43-1	514	505	494	504	1.99	cps
Calcium	44-1	31799	31704	31446	31650	0.58	cps
Carbon	12-1	6850933	6739445	6771779	6787386	0.85	cps
Carbon	12-2	70043	68233	70536	69604	1.74	cps
Chlorine	35-1	583734	584549	576536	581606	0.76	cps
Chlorine	35-2	3159	3776	3309	3414	9.42	cps
Chromium	52-2	1033	1000	980	1004	2.68	cps
Cobalt	59-2	77	103	103	94	16.30	cps
Copper	63-2	913	847	947	902	5.64	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	192	117	125	144	28.46	cps
Erbium	164-2	83	77	60	73	16.39	cps
Gadolinium	160-1	225	217	275	239	13.21	cps
Gadolinium	160-2	70	93	67	77	18.95	cps
Holmium	165-1	25705873	25846742	26042342	25864986	0.65	cps
Holmium	165-2	10435147	10338948	10608078	10460724	1.30	cps
Indium	115-1	22530735	22494983	22580912	22535543	0.19	cps
Indium	115-2	2873222	2877798	2950070	2900363	1.49	cps
Iron	54-2	389	417	328	378	12.04	cps
Iron	56-2	3906	4223	3828	3986	5.24	cps
Iron	57-2	89	111	89	96	13.32	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	757	667	731	7.69	cps
Lead	206-1	989	1006	995	996	0.85	cps
Lead	207-1	883	911	889	894	1.64	cps
Lead	208-1	4184	3767	4106	4019	5.51	cps
Lithium	6-1	11919598	12229585	11792413	11980532	1.88	cps
Magnesium	24-2	383	292	325	333	13.92	cps
Manganese	55-2	153	113	77	114	33.51	cps
Molybdenum	94-1	708	592	650	650	8.97	cps
Molybdenum	95-1	100	117	142	119	17.56	cps
Molybdenum	96-1	292	217	258	256	14.70	cps
Molybdenum	97-1	42	67	67	58	24.74	cps
Molybdenum	98-1	108	67	158	111	41.31	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	63	57	53	22.53	cps
Phosphorus	31-2	225	167	142	178	24.06	cps
Potassium	39-2	12698	12272	12823	12598	2.29	cps
Rhodium	103-1	21880419	21746077	21787292	21804596	0.32	cps
Rhodium	103-2	9045940	9071529	9314975	9144148	1.62	cps
Scandium	45-1	16754554	16825794	16841864	16807404	0.28	cps
Scandium	45-2	450969	450688	468426	456694	2.22	cps
Selenium	82-1	-44	-41	17	-23	-149.72	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	31	29	25	28	10.78	cps
Silicon	28-1	352148	357985	344312	351482	1.95	cps
Silver	107-1	208	133	158	167	22.91	cps
Silver	109-1	50	100	50	67	43.30	cps
Sodium	23-2	24221	24196	23903	24107	0.73	cps
Strontium	86-1	1233	1242	1208	1228	1.41	cps
Strontium	88-1	1192	1058	1000	1083	9.07	cps
Sulfur	34-1	573088	568149	563980	568406	0.80	cps
Terbium	159-1	26676213	26841001	27554278	27023831	1.73	cps
Terbium	159-2	10341680	10416718	10571064	10443154	1.12	cps
Thallium	203-1	742	892	892	842	10.29	cps
Thallium	205-1	1900	2000	1950	1950	2.56	cps
Tin	118-1	1842	1984	1959	1928	3.92	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:29:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	192	233	208	10.58	cps
Uranium	238-1	58	67	33	53	32.88	cps
Vanadium	51-2	13	23	20	19	26.96	cps
Ytterbium	172-1	50	83	50	61	31.50	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	3225	3767	3792	3595	8.91	cps
Ytterbium	176-2	2756	3100	2706	2854	7.53	cps
Yttrium	89-1	34341039	35094871	35287797	34907903	1.43	cps
Yttrium	89-2	3178723	3170766	3261605	3203698	1.57	cps
Zinc	66-2	503	570	630	568	11.16	cps
Zirconium	90-1	2075	2217	2017	2103	4.89	cps
Zirconium	91-1	400	450	467	439	7.90	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1855	1910	1870	1878	1.51	cps
Antimony	121-1	21709	20950	20282	20980	3.40	cps
Arsenic	75-2	344	306	300	317	7.54	cps
Barium	135-1	25967	26418	26151	26179	0.87	cps
Barium	137-1	45553	44649	45067	45090	1.00	cps
Beryllium	9-1	4108	4108	4200	4138	1.28	cps
Bismuth	209-1	15660256	15700303	16185302	15848620	1.84	cps
Bismuth	209-2	7640607	7542011	7905449	7696022	2.44	cps
Boron	10-1	10814	11943	12475	11744	7.22	cps
Boron	11-1	50779	55264	56860	54301	5.81	cps
Bromine	81-1	8612	9052	9243	8969	3.61	cps
Cadmium	111-1	10256	10468	10780	10502	2.51	cps
Cadmium	106-1	10763	10696	11255	10905	2.80	cps
Cadmium	108-1	379	254	379	338	21.38	cps
Calcium	43-1	20852	20736	20653	20747	0.48	cps
Calcium	44-1	364280	360874	361994	362382	0.48	cps
Carbon	12-1	7007282	6869862	6832103	6903082	1.34	cps
Carbon	12-2	72195	70687	70670	71184	1.23	cps
Chlorine	35-1	518982	511598	514911	515164	0.72	cps
Chlorine	35-2	2975	2742	3142	2953	6.81	cps
Chromium	52-2	7302	7459	7635	7465	2.24	cps
Cobalt	59-2	5851	6088	6121	6020	2.45	cps
Copper	63-2	9286	9427	9500	9404	1.15	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	208	150	142	50.26	cps
Erbium	164-2	60	57	67	61	8.33	cps
Gadolinium	160-1	208	217	183	203	8.56	cps
Gadolinium	160-2	50	70	77	66	21.17	cps
Holmium	165-1	25595412	25169480	24940796	25235229	1.32	cps
Holmium	165-2	10521964	10584823	10549505	10552097	0.30	cps
Indium	115-1	21614721	22165545	22605395	22128554	2.24	cps
Indium	115-2	2906996	2812445	2839019	2852820	1.71	cps
Iron	54-2	7813	7663	7430	7636	2.53	cps
Iron	56-2	132672	132538	134231	133147	0.71	cps
Iron	57-2	3267	3378	3262	3302	1.99	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	653	790	731	9.61	cps
Lead	206-1	9420	9020	9203	9215	2.17	cps
Lead	207-1	8186	7919	7947	8017	1.83	cps
Lead	208-1	36826	35837	36716	36459	1.49	cps
Lithium	6-1	11532850	11938514	11781825	11751063	1.74	cps
Magnesium	24-2	127186	125421	128834	127147	1.34	cps
Manganese	55-2	1577	1640	1627	1615	2.07	cps
Molybdenum	94-1	24764	24764	25708	25079	2.17	cps
Molybdenum	95-1	29757	30150	29866	29924	0.68	cps
Molybdenum	96-1	33366	33675	31411	32817	3.74	cps
Molybdenum	97-1	18304	18171	18221	18232	0.37	cps
Molybdenum	98-1	47173	47557	46772	47167	0.83	cps
Neodymium	150-1	0	33	33	22	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1680	1757	1810	1749	3.74	cps
Phosphorus	31-2	217	258	300	258	16.13	cps
Potassium	39-2	92849	93226	93546	93207	0.37	cps
Rhodium	103-1	21237449	20746569	21801070	21261696	2.48	cps
Rhodium	103-2	9176826	8873117	8923175	8991039	1.81	cps
Scandium	45-1	15619861	16265346	16173979	16019729	2.18	cps
Scandium	45-2	454208	453517	459319	455681	0.70	cps
Selenium	82-1	1217	1264	1145	1209	4.97	cps
Selenium	77-2	37	37	23	32	23.90	cps
Selenium	78-2	125	138	141	135	6.32	cps
Silicon	28-1	453715	451247	447495	450819	0.69	cps
Silver	107-1	14083	14249	14391	14241	1.09	cps
Silver	109-1	13824	13715	13632	13724	0.70	cps
Sodium	23-2	275033	277602	275023	275886	0.54	cps
Strontium	86-1	5251	5309	5443	5335	1.84	cps
Strontium	88-1	37819	36691	36515	37008	1.91	cps
Sulfur	34-1	563305	568420	566268	565998	0.45	cps
Terbium	159-1	26418624	26705552	26674490	26599555	0.59	cps
Terbium	159-2	10262243	10201859	10479766	10314623	1.42	cps
Thallium	203-1	10846	10696	10655	10733	0.94	cps
Thallium	205-1	24849	24499	24950	24766	0.96	cps
Tin	118-1	49256	47374	48696	48442	1.99	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:33:03	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9745	9587	9687	9673	0.83	cps
Uranium	238-1	30370	30972	29685	30342	2.12	cps
Vanadium	51-2	12222	12973	12716	12637	3.02	cps
Ytterbium	172-1	50	83	67	67	25.00	cps
Ytterbium	172-2	22	44	39	35	32.88	cps
Ytterbium	176-1	3367	3401	3275	3348	1.93	cps
Ytterbium	176-2	2300	2434	2372	2369	2.82	cps
Yttrium	89-1	34088627	34717182	34309821	34371877	0.93	cps
Yttrium	89-2	3179272	3111239	3140836	3143782	1.09	cps
Zinc	66-2	1803	1793	1850	1816	1.67	cps
Zirconium	90-1	22477	22001	21742	22074	1.69	cps
Zirconium	91-1	4609	4434	4301	4448	3.48	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85093	87881	85757	86244	1.69	cps
Antimony	121-1	530637	537384	537356	535126	0.73	cps
Arsenic	75-2	14057	14386	14206	14216	1.16	cps
Barium	135-1	664959	664681	658777	662806	0.53	cps
Barium	137-1	1174572	1162567	1132284	1156474	1.88	cps
Beryllium	9-1	199852	202149	201114	201038	0.57	cps
Bismuth	209-1	16620893	16045617	16503469	16389993	1.85	cps
Bismuth	209-2	7792404	7842097	7668223	7767575	1.15	cps
Boron	10-1	23570	24319	26050	24646	5.16	cps
Boron	11-1	106872	112798	116991	112221	4.53	cps
Bromine	81-1	8381	8511	8842	8578	2.77	cps
Cadmium	111-1	163114	160500	160992	161535	0.86	cps
Cadmium	106-1	27620	28296	26618	27511	3.07	cps
Cadmium	108-1	10679	11943	11993	11538	6.45	cps
Calcium	43-1	220288	221485	220678	220817	0.28	cps
Calcium	44-1	3569671	3490289	3458700	3506220	1.63	cps
Carbon	12-1	7603273	7527763	7654129	7595055	0.84	cps
Carbon	12-2	78384	81250	81099	80244	2.01	cps
Chlorine	35-1	517847	513388	514224	515153	0.46	cps
Chlorine	35-2	3075	2775	2834	2895	5.50	cps
Chromium	52-2	160386	163022	161482	161630	0.82	cps
Cobalt	59-2	291684	293266	292642	292531	0.27	cps
Copper	63-2	2311811	2290570	2303983	2302121	0.47	cps
Dysprosium	156-1	83	33	83	67	43.31	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	183	183	167	178	5.41	cps
Erbium	164-2	37	53	70	53	31.25	cps
Gadolinium	160-1	217	225	275	239	13.21	cps
Gadolinium	160-2	77	87	93	86	9.80	cps
Holmium	165-1	26711447	25417427	26274103	26134326	2.52	cps
Holmium	165-2	10435628	10495125	10517808	10482853	0.40	cps
Indium	115-1	22914455	22324637	22463404	22567499	1.37	cps
Indium	115-2	2855910	2764095	2895316	2838440	2.37	cps
Iron	54-2	349494	357214	351453	352720	1.14	cps
Iron	56-2	6571515	6572867	6528401	6557594	0.39	cps
Iron	57-2	157156	159865	157938	158320	0.88	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	740	737	712	6.35	cps
Lead	206-1	2160221	2212916	2178152	2183763	1.23	cps
Lead	207-1	1866956	1900235	1919216	1895469	1.40	cps
Lead	208-1	8599549	8645703	8700254	8648502	0.58	cps
Lithium	6-1	12137778	11687711	11868625	11898038	1.90	cps
Magnesium	24-2	1312981	1333416	1320090	1322162	0.78	cps
Manganese	55-2	756524	758100	747029	753884	0.79	cps
Molybdenum	94-1	1234142	1236543	1230506	1233730	0.25	cps
Molybdenum	95-1	1532829	1536168	1503574	1524190	1.18	cps
Molybdenum	96-1	1699715	1705785	1702937	1702812	0.18	cps
Molybdenum	97-1	941492	930956	942970	938473	0.70	cps
Molybdenum	98-1	2409698	2446573	2466309	2440860	1.18	cps
Neodymium	150-1	47	20	53	40	44.09	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	82206	85603	81965	83258	2.44	cps
Phosphorus	31-2	4951	4609	4676	4745	3.82	cps
Potassium	39-2	417795	432212	428485	426164	1.76	cps
Rhodium	103-1	21577881	21111460	21529238	21406193	1.20	cps
Rhodium	103-2	9035175	8898023	9108407	9013869	1.18	cps
Scandium	45-1	16649743	16283184	16717937	16550288	1.41	cps
Scandium	45-2	447338	451866	448204	449136	0.54	cps
Selenium	82-1	11827	11648	11710	11728	0.77	cps
Selenium	77-2	293	253	307	284	9.76	cps
Selenium	78-2	970	969	908	949	3.74	cps
Silicon	28-1	978826	1007718	1001641	996062	1.53	cps
Silver	107-1	761135	775624	770197	768985	0.95	cps
Silver	109-1	717476	737081	725584	726714	1.36	cps
Sodium	23-2	2543164	2609163	2498480	2550269	2.18	cps
Strontium	86-1	2000584	1973422	1986495	1986833	0.68	cps
Strontium	88-1	17147358	16835804	16994285	16992483	0.92	cps
Sulfur	34-1	639238	626480	621816	629178	1.43	cps
Terbium	159-1	26865825	27634894	27419718	27306812	1.45	cps
Terbium	159-2	10321551	10267207	10253283	10280681	0.35	cps
Thallium	203-1	502817	522549	509739	511701	1.96	cps
Thallium	205-1	1195239	1236708	1212958	1214968	1.71	cps
Tin	118-1	478112	497026	480860	485333	2.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:36:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	481500	491737	486400	486546	1.05	cps
Uranium	238-1	1571175	1620610	1622314	1604700	1.81	cps
Vanadium	51-2	125334	127774	126263	126457	0.97	cps
Ytterbium	172-1	83	67	58	69	18.34	cps
Ytterbium	172-2	17	17	44	26	61.85	cps
Ytterbium	176-1	3692	3217	3484	3464	6.87	cps
Ytterbium	176-2	2217	2256	2128	2200	2.98	cps
Yttrium	89-1	35632428	34300942	35532759	35155376	2.11	cps
Yttrium	89-2	3134577	3122675	3111622	3122958	0.37	cps
Zinc	66-2	266035	264785	268234	266351	0.66	cps
Zirconium	90-1	1013323	1004532	1017175	1011677	0.64	cps
Zirconium	91-1	223790	222070	225797	223886	0.83	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215698	215910	214254	215287	0.42	cps
Antimony	121-1	1352017	1372737	1331143	1351966	1.54	cps
Arsenic	75-2	36119	36275	35963	36119	0.43	cps
Barium	135-1	1700797	1694509	1683857	1693054	0.51	cps
Barium	137-1	2923502	2900900	2903681	2909361	0.42	cps
Beryllium	9-1	504403	503204	501906	503171	0.25	cps
Bismuth	209-1	16345139	16287892	16179537	16270856	0.52	cps
Bismuth	209-2	7540079	7486503	7479190	7501924	0.44	cps
Boron	10-1	57227	61859	63247	60778	5.19	cps
Boron	11-1	264276	276628	289620	276842	4.58	cps
Bromine	81-1	8622	9062	8481	8722	3.48	cps
Cadmium	111-1	396334	392452	398025	395603	0.72	cps
Cadmium	106-1	53555	51480	52075	52370	2.04	cps
Cadmium	108-1	28939	29373	28379	28897	1.72	cps
Calcium	43-1	548109	545528	551169	548269	0.52	cps
Calcium	44-1	8565014	8657172	8533227	8585138	0.75	cps
Carbon	12-1	7868637	8270243	8297729	8145536	2.95	cps
Carbon	12-2	87603	89573	90176	89117	1.51	cps
Chlorine	35-1	472284	464292	456170	464249	1.74	cps
Chlorine	35-2	2625	3134	2867	2875	8.85	cps
Chromium	52-2	406198	400928	403640	403589	0.65	cps
Cobalt	59-2	749133	750980	737833	745982	0.95	cps
Copper	63-2	5837045	5768759	5683462	5763089	1.34	cps
Dysprosium	156-1	108	142	125	125	13.33	cps
Dysprosium	156-2	70	43	37	50	35.28	cps
Erbium	164-1	175	108	92	125	35.28	cps
Erbium	164-2	90	60	83	78	20.25	cps
Gadolinium	160-1	325	350	183	286	31.41	cps
Gadolinium	160-2	150	140	120	137	11.18	cps
Holmium	165-1	26120247	26816628	25522337	26153071	2.48	cps
Holmium	165-2	10407015	10556007	10405815	10456279	0.83	cps
Indium	115-1	22434666	22406633	22090501	22310600	0.86	cps
Indium	115-2	2855482	2884642	2808908	2849678	1.34	cps
Iron	54-2	894393	892094	891936	892808	0.15	cps
Iron	56-2	16434404	16961085	16081658	16492382	2.68	cps
Iron	57-2	397711	395657	391922	395097	0.74	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	697	707	720	4.47	cps
Lead	206-1	5414934	5506879	5419127	5446980	0.95	cps
Lead	207-1	4668868	4686964	4634091	4663308	0.58	cps
Lead	208-1	21415004	21524788	21544237	21494676	0.32	cps
Lithium	6-1	11897900	11589312	11494623	11660611	1.81	cps
Magnesium	24-2	3330708	3310149	3377211	3339356	1.03	cps
Manganese	55-2	1927097	1970374	1923168	1940213	1.35	cps
Molybdenum	94-1	3170887	3082060	3257660	3170202	2.77	cps
Molybdenum	95-1	3900458	3888729	3936787	3908658	0.64	cps
Molybdenum	96-1	4234842	4275294	4341084	4283740	1.25	cps
Molybdenum	97-1	2341497	2367362	2438635	2382498	2.11	cps
Molybdenum	98-1	6102535	6176153	6257341	6178676	1.25	cps
Neodymium	150-1	93	133	67	98	34.32	cps
Neodymium	150-2	3	7	23	11	96.43	cps
Nickel	60-2	207703	205045	205548	206099	0.69	cps
Phosphorus	31-2	11530	11680	11363	11524	1.38	cps
Potassium	39-2	1048669	1053444	1045689	1049267	0.37	cps
Rhodium	103-1	21292682	21293623	21324585	21303630	0.09	cps
Rhodium	103-2	8979062	8966127	8812190	8919126	1.04	cps
Scandium	45-1	16504315	16455249	16090319	16349961	1.38	cps
Scandium	45-2	457939	456852	446322	453704	1.41	cps
Selenium	82-1	29613	29773	29661	29682	0.28	cps
Selenium	77-2	710	750	677	712	5.16	cps
Selenium	78-2	2531	2419	2480	2477	2.26	cps
Silicon	28-1	1481204	1575662	1561432	1539433	3.31	cps
Silver	107-1	1978631	1935499	1927351	1947160	1.42	cps
Silver	109-1	1875546	1887507	1857497	1873516	0.81	cps
Sodium	23-2	6220481	6361751	6355450	6312561	1.26	cps
Strontium	86-1	4994770	4894867	4920349	4936662	1.05	cps
Strontium	88-1	43600000	42076477	42295668	42657382	1.93	cps
Sulfur	34-1	734658	737751	720220	730876	1.28	cps
Terbium	159-1	26811027	26714255	26283355	26602879	1.06	cps
Terbium	159-2	10393013	10290675	10346826	10343504	0.50	cps
Thallium	203-1	1304082	1274614	1291544	1290080	1.15	cps
Thallium	205-1	3098491	3085980	3135755	3106742	0.83	cps
Tin	118-1	1221675	1228471	1209508	1219885	0.79	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:39:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1218556	1244586	1237894	1233679	1.10	cps
Uranium	238-1	4122779	4074272	4196653	4131235	1.49	cps
Vanadium	51-2	318696	320476	317862	319011	0.42	cps
Ytterbium	172-1	117	83	67	89	28.64	cps
Ytterbium	172-2	33	50	61	48	29.04	cps
Ytterbium	176-1	3667	3192	3717	3526	8.22	cps
Ytterbium	176-2	1989	2239	2295	2174	7.49	cps
Yttrium	89-1	35521032	35257749	34259464	35012748	1.90	cps
Yttrium	89-2	3163059	3146096	3075982	3128379	1.48	cps
Zinc	66-2	664147	670649	665460	666752	0.52	cps
Zirconium	90-1	2605901	2593120	2549282	2582767	1.15	cps
Zirconium	91-1	564975	569790	561935	565566	0.70	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 13:42:15 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430698	430706	425516	428973	0.70	cps
Antimony	121-1	2769137	2744040	2732734	2748637	0.68	cps
Arsenic	75-2	71846	70716	70816	71126	0.88	cps
Barium	135-1	3431336	3398656	3349522	3393172	1.21	cps
Barium	137-1	5671700	5716309	5806086	5731365	1.19	cps
Beryllium	9-1	1012692	1010718	1013123	1012178	0.13	cps
Bismuth	209-1	15664634	16497801	16160461	16107632	2.60	cps
Bismuth	209-2	7547904	7520308	7577865	7548693	0.38	cps
Boron	10-1	116848	121624	127647	122040	4.43	cps
Boron	11-1	528491	560209	585611	558104	5.13	cps
Bromine	81-1	8832	9062	8972	8955	1.30	cps
Cadmium	111-1	767291	772949	778622	772954	0.73	cps
Cadmium	106-1	91797	93358	94079	93078	1.25	cps
Cadmium	108-1	56491	57105	58946	57514	2.22	cps
Calcium	43-1	1093306	1090504	1094749	1092853	0.20	cps
Calcium	44-1	17462165	16998665	16882263	17114364	1.79	cps
Carbon	12-1	8836462	8969750	9249887	9018700	2.34	cps
Carbon	12-2	96541	100971	99058	98857	2.25	cps
Chlorine	35-1	453815	452263	450019	452032	0.42	cps
Chlorine	35-2	2917	2392	2717	2675	9.91	cps
Chromium	52-2	802436	801493	805985	803305	0.29	cps
Cobalt	59-2	1513637	1489934	1478346	1493973	1.20	cps
Copper	63-2	11220779	11142694	10989789	11117754	1.06	cps
Dysprosium	156-1	225	208	142	192	23.01	cps
Dysprosium	156-2	100	67	77	81	21.09	cps
Erbium	164-1	158	308	200	222	34.84	cps
Erbium	164-2	57	67	100	74	30.48	cps
Gadolinium	160-1	417	400	483	433	10.18	cps
Gadolinium	160-2	120	147	163	143	15.25	cps
Holmium	165-1	26507597	26540138	26118801	26388845	0.89	cps
Holmium	165-2	10415050	10538145	10774748	10575981	1.73	cps
Indium	115-1	22588852	22253636	22219110	22353866	0.91	cps
Indium	115-2	2814439	2849667	2855307	2839804	0.78	cps
Iron	54-2	1807158	1825522	1761983	1798221	1.82	cps
Iron	56-2	33142537	31977392	32262353	32460760	1.87	cps
Iron	57-2	793347	776141	781715	783734	1.12	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:42:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	697	760	716	5.40	cps
Lead	206-1	10556079	10702671	10715985	10658245	0.83	cps
Lead	207-1	9177407	9449200	9206860	9277822	1.61	cps
Lead	208-1	41918437	43493126	42354165	42588576	1.91	cps
Lithium	6-1	12210368	11717028	12001735	11976377	2.07	cps
Magnesium	24-2	6635435	6695644	6613345	6648141	0.64	cps
Manganese	55-2	3943354	3760658	3779616	3827876	2.62	cps
Molybdenum	94-1	6167210	6239645	6184478	6197111	0.61	cps
Molybdenum	95-1	7588094	7706620	7582069	7625595	0.92	cps
Molybdenum	96-1	8448235	8601992	8577271	8542499	0.97	cps
Molybdenum	97-1	4643555	4773746	4765503	4727601	1.54	cps
Molybdenum	98-1	12182311	12343485	12459144	12328313	1.13	cps
Neodymium	150-1	207	147	133	162	24.08	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	405289	402230	400680	402733	0.58	cps
Phosphorus	31-2	23620	22735	22877	23077	2.06	cps
Potassium	39-2	2120181	2100087	2071508	2097259	1.17	cps
Rhodium	103-1	21227248	21505191	21570349	21434263	0.85	cps
Rhodium	103-2	8971815	8760661	9015292	8915923	1.53	cps
Scandium	45-1	16631161	16515149	15810270	16318860	2.72	cps
Scandium	45-2	455927	453309	458370	455869	0.56	cps
Selenium	82-1	58180	57965	58847	58330	0.79	cps
Selenium	77-2	1420	1370	1397	1396	1.79	cps
Selenium	78-2	4853	4737	4795	4795	1.21	cps
Silicon	28-1	2692797	2866593	2976150	2845180	5.02	cps
Silver	107-1	3895277	3894233	3908994	3899501	0.21	cps
Silver	109-1	3628272	3676279	3767791	3690781	1.92	cps
Sodium	23-2	12570023	12637116	12639957	12615699	0.31	cps
Strontium	86-1	10046311	9889800	10034519	9990210	0.87	cps
Strontium	88-1	85216319	83993046	86710244	85306536	1.60	cps
Sulfur	34-1	903237	912210	904092	906513	0.55	cps
Terbium	159-1	27451067	26863286	27067893	27127415	1.10	cps
Terbium	159-2	10377209	10159650	10518307	10351722	1.75	cps
Thallium	203-1	2623052	2581588	2725550	2643397	2.80	cps
Thallium	205-1	6130825	6169239	6311898	6203987	1.54	cps
Tin	118-1	2402260	2414092	2420559	2412304	0.38	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:42:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2440737	2378250	2466377	2428455	1.87	cps
Uranium	238-1	7835574	8308246	7976176	8039999	3.02	cps
Vanadium	51-2	639531	633973	632511	635338	0.58	cps
Ytterbium	172-1	75	75	83	78	6.19	cps
Ytterbium	172-2	22	67	39	43	52.72	cps
Ytterbium	176-1	3359	3359	3434	3384	1.28	cps
Ytterbium	176-2	1978	2178	2272	2143	7.02	cps
Yttrium	89-1	34978116	34385514	35802295	35055308	2.03	cps
Yttrium	89-2	3204558	3193505	3199181	3199082	0.17	cps
Zinc	66-2	1324142	1292028	1278153	1298108	1.82	cps
Zirconium	90-1	4974192	5014213	5168834	5052413	2.03	cps
Zirconium	91-1	1108295	1119736	1132135	1120055	1.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	855253	859270	866262	860262	0.65	cps
Antimony	121-1	5506334	5506404	5578805	5530514	0.76	cps
Arsenic	75-2	141376	142135	144246	142586	1.04	cps
Barium	135-1	6853456	6624909	6870494	6782953	2.02	cps
Barium	137-1	11617577	11328111	11428997	11458228	1.28	cps
Beryllium	9-1	2024999	2050618	2004103	2026573	1.15	cps
Bismuth	209-1	15463657	16252282	16058439	15924792	2.58	cps
Bismuth	209-2	7500360	7523738	7020585	7348228	3.86	cps
Boron	10-1	231033	247160	250759	242984	4.32	cps
Boron	11-1	965887	1042548	1085045	1031160	5.86	cps
Bromine	81-1	9263	8772	9293	9109	3.21	cps
Cadmium	111-1	1505708	1580945	1513636	1533430	2.70	cps
Cadmium	106-1	172547	171668	174884	173033	0.96	cps
Cadmium	108-1	113202	113673	115617	114164	1.12	cps
Calcium	43-1	2191275	2241597	2279684	2237519	1.98	cps
Calcium	44-1	33948239	34825346	34540535	34438040	1.30	cps
Carbon	12-1	10008384	10614811	11028357	10550517	4.86	cps
Carbon	12-2	117510	121627	120930	120022	1.84	cps
Chlorine	35-1	434245	434729	432811	433928	0.23	cps
Chlorine	35-2	2659	2850	2742	2750	3.50	cps
Chromium	52-2	1634432	1676136	1677178	1662582	1.47	cps
Cobalt	59-2	2989873	3023356	3071210	3028146	1.35	cps
Copper	63-2	22311555	21923801	22375896	22203751	1.10	cps
Dysprosium	156-1	408	483	417	436	9.43	cps
Dysprosium	156-2	167	177	163	169	4.11	cps
Erbium	164-1	317	258	267	281	11.25	cps
Erbium	164-2	87	97	117	100	15.27	cps
Gadolinium	160-1	600	550	517	556	7.55	cps
Gadolinium	160-2	197	217	223	212	6.54	cps
Holmium	165-1	26432769	26559383	27552531	26848228	2.28	cps
Holmium	165-2	10615800	10445713	9798099	10286537	4.19	cps
Indium	115-1	21931094	22986720	22961525	22626446	2.66	cps
Indium	115-2	2784255	2810206	2628401	2740954	3.59	cps
Iron	54-2	3568818	3626126	3540677	3578540	1.22	cps
Iron	56-2	64286269	64395881	63824268	64168806	0.47	cps
Iron	57-2	1612235	1624510	1621937	1619561	0.40	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	623	630	652	6.81	cps
Lead	206-1	21026671	21386385	21422015	21278357	1.03	cps
Lead	207-1	18406135	18393050	18671601	18490262	0.85	cps
Lead	208-1	83133894	85164378	85125795	84474689	1.37	cps
Lithium	6-1	12075630	11798643	12037645	11970639	1.25	cps
Magnesium	24-2	13047030	13145445	13245090	13145855	0.75	cps
Manganese	55-2	7589582	7575205	7583768	7582851	0.10	cps
Molybdenum	94-1	12466402	12366041	12483049	12438497	0.51	cps
Molybdenum	95-1	15485899	15206219	15565760	15419293	1.22	cps
Molybdenum	96-1	16972742	17210561	17154670	17112658	0.73	cps
Molybdenum	97-1	9375750	9394941	9073609	9281433	1.94	cps
Molybdenum	98-1	24679206	24893450	24248380	24607012	1.34	cps
Neodymium	150-1	347	333	253	311	16.23	cps
Neodymium	150-2	53	43	20	39	43.98	cps
Nickel	60-2	793471	801924	811224	802206	1.11	cps
Phosphorus	31-2	45196	44996	44996	45062	0.26	cps
Potassium	39-2	4116635	4102501	4213656	4144264	1.46	cps
Rhodium	103-1	20914663	20866260	20876358	20885761	0.12	cps
Rhodium	103-2	8809337	8748900	8219807	8592681	3.77	cps
Scandium	45-1	16361652	16853821	16560496	16591990	1.49	cps
Scandium	45-2	453508	458431	421945	444628	4.45	cps
Selenium	82-1	114826	115656	115422	115301	0.37	cps
Selenium	77-2	2827	2884	2797	2836	1.55	cps
Selenium	78-2	9703	9594	9649	9649	0.57	cps
Silicon	28-1	5331120	5602270	5686262	5539884	3.35	cps
Silver	107-1	7612650	7569502	7784074	7655409	1.48	cps
Silver	109-1	7200737	7468441	7227744	7298974	2.02	cps
Sodium	23-2	25146656	25114632	24971519	25077602	0.37	cps
Strontium	86-1	19733100	19567004	19947839	19749314	0.97	cps
Strontium	88-1	170878166	167147300	168760779	168928748	1.11	cps
Sulfur	34-1	1117746	1111524	1093585	1107618	1.13	cps
Terbium	159-1	27091936	28193610	27822747	27702764	2.02	cps
Terbium	159-2	10378542	10346388	9586591	10103840	4.44	cps
Thallium	203-1	5225372	5164639	5190107	5193373	0.59	cps
Thallium	205-1	12249196	12207946	12343785	12266976	0.57	cps
Tin	118-1	4833795	4930345	4972905	4912348	1.45	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:45:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4845246	4814862	4815164	4825091	0.36	cps
Uranium	238-1	15812124	16233614	16108033	16051257	1.35	cps
Vanadium	51-2	1267943	1307163	1285821	1286975	1.53	cps
Ytterbium	172-1	92	108	75	92	18.18	cps
Ytterbium	172-2	22	56	33	37	45.84	cps
Ytterbium	176-1	3501	3559	3000	3353	9.15	cps
Ytterbium	176-2	2300	2061	2050	2137	6.61	cps
Yttrium	89-1	34309164	35453136	36617884	35460062	3.26	cps
Yttrium	89-2	3148859	3134927	2942361	3075382	3.75	cps
Zinc	66-2	2669106	2567270	2628968	2621782	1.96	cps
Zirconium	90-1	10216480	10197301	10330431	10248071	0.70	cps
Zirconium	91-1	2324529	2291638	2341374	2319180	1.09	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1745425	1737974	1717064	1733488	0.85	cps
Antimony	121-1	10486726	10666059	10664606	10605797	0.97	cps
Arsenic	75-2	286730	283359	284277	284788	0.61	cps
Barium	135-1	13549004	13377042	13354920	13426989	0.79	cps
Barium	137-1	22959858	22735976	23344401	23013411	1.34	cps
Beryllium	9-1	3773199	3762989	3792656	3776281	0.40	cps
Bismuth	209-1	15848216	15742597	15657461	15749425	0.61	cps
Bismuth	209-2	7422954	7189117	7504224	7372098	2.22	cps
Boron	10-1	466243	485616	497538	483132	3.27	cps
Boron	11-1	1930556	2053057	2151328	2044980	5.41	cps
Bromine	81-1	9453	9593	9483	9510	0.78	cps
Cadmium	111-1	2956663	2989896	2897099	2947886	1.59	cps
Cadmium	106-1	316215	321943	327831	321996	1.80	cps
Cadmium	108-1	218333	220782	222501	220539	0.95	cps
Calcium	43-1	4316628	4392062	4351363	4353351	0.87	cps
Calcium	44-1	67812599	68620673	68388917	68274063	0.61	cps
Carbon	12-1	11806979	12834924	13401509	12681137	6.37	cps
Carbon	12-2	147579	152646	149912	150046	1.69	cps
Chlorine	35-1	420881	419877	417015	419258	0.48	cps
Chlorine	35-2	2750	2634	2467	2617	5.44	cps
Chromium	52-2	3289347	3281328	3230013	3266896	0.99	cps
Cobalt	59-2	5970117	5872559	5978656	5940444	0.99	cps
Copper	63-2	44812488	43824263	44080731	44239160	1.16	cps
Dysprosium	156-1	692	583	733	669	11.57	cps
Dysprosium	156-2	307	333	270	303	10.48	cps
Erbium	164-1	317	292	283	297	5.84	cps
Erbium	164-2	123	103	120	116	9.27	cps
Gadolinium	160-1	733	967	1125	942	20.92	cps
Gadolinium	160-2	400	377	430	402	6.65	cps
Holmium	165-1	25986108	26898350	25785749	26223402	2.26	cps
Holmium	165-2	10959556	10403192	10977308	10780018	3.03	cps
Indium	115-1	21561940	22130492	21819184	21837205	1.30	cps
Indium	115-2	2901450	2692790	2867929	2820723	3.97	cps
Iron	54-2	7260015	7046985	7012089	7106363	1.89	cps
Iron	56-2	131188406	128491961	131422145	130367504	1.25	cps
Iron	57-2	3325652	3214435	3366029	3302039	2.38	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	750	803	754	6.21	cps
Lead	206-1	41874381	43026986	42187338	42362902	1.41	cps
Lead	207-1	35857430	36448917	36012690	36106346	0.85	cps
Lead	208-1	167073872	167392400	166208344	166891538	0.37	cps
Lithium	6-1	10986720	11319866	11755149	11353912	3.39	cps
Magnesium	24-2	26327979	26677897	26424399	26476758	0.68	cps
Manganese	55-2	15432891	15356299	15304195	15364462	0.42	cps
Molybdenum	94-1	24679033	24786500	25232979	24899504	1.18	cps
Molybdenum	95-1	30444402	30640549	31085201	30723384	1.07	cps
Molybdenum	96-1	33675538	34436723	33741198	33951153	1.24	cps
Molybdenum	97-1	18639763	19078721	18923993	18880826	1.18	cps
Molybdenum	98-1	49029599	50072405	49302501	49468168	1.09	cps
Neodymium	150-1	707	687	720	704	2.38	cps
Neodymium	150-2	43	40	30	38	18.36	cps
Nickel	60-2	1652137	1626494	1657026	1645219	1.00	cps
Phosphorus	31-2	91104	89367	91849	90773	1.40	cps
Potassium	39-2	8421905	8234235	8170604	8275581	1.58	cps
Rhodium	103-1	20527967	20830436	20825456	20727953	0.84	cps
Rhodium	103-2	8961804	8585248	8938193	8828415	2.39	cps
Scandium	45-1	16144254	16761880	16565169	16490434	1.91	cps
Scandium	45-2	463536	452194	467481	461070	1.72	cps
Selenium	82-1	221185	225664	226432	224427	1.26	cps
Selenium	77-2	5798	5498	5745	5680	2.82	cps
Selenium	78-2	19045	18918	18632	18865	1.12	cps
Silicon	28-1	9657807	10416114	10685966	10253296	5.20	cps
Silver	107-1	14310165	14588533	14667863	14522187	1.29	cps
Silver	109-1	14000152	14189202	14155918	14115091	0.71	cps
Sodium	23-2	51022486	51061666	50409136	50831096	0.72	cps
Strontium	86-1	38766879	39081325	39514303	39120836	0.96	cps
Strontium	88-1	336358733	338160616	342126816	338882055	0.87	cps
Sulfur	34-1	1711034	1731599	1725671	1722768	0.61	cps
Terbium	159-1	27437378	27953626	27682184	27691063	0.93	cps
Terbium	159-2	10999942	10224688	10549257	10591296	3.68	cps
Thallium	203-1	10238746	10074834	10188139	10167240	0.83	cps
Thallium	205-1	24194969	24248825	24002860	24148884	0.54	cps
Tin	118-1	9434781	9609388	9420449	9488206	1.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:48:23	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9304999	9403397	9720230	9476209	2.29	cps
Uranium	238-1	31909961	32120529	31321681	31784057	1.30	cps
Vanadium	51-2	2594062	2626616	2657256	2625978	1.20	cps
Ytterbium	172-1	50	158	100	103	52.76	cps
Ytterbium	172-2	139	44	44	76	71.81	cps
Ytterbium	176-1	3334	3159	3609	3367	6.74	cps
Ytterbium	176-2	2228	2195	2322	2248	2.95	cps
Yttrium	89-1	34054829	35593449	35821339	35156539	2.73	cps
Yttrium	89-2	3389849	3180171	3232907	3267642	3.34	cps
Zinc	66-2	5058353	5035843	5021424	5038540	0.37	cps
Zirconium	90-1	19999108	20436286	20344634	20260009	1.14	cps
Zirconium	91-1	4501024	4569368	4581446	4550613	0.95	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8392179	8540480	8782857	8571839	2.30	cps
Antimony	121-1	9087	9253	9787	9376	3.90	cps
Arsenic	75-2	109	105	88	101	11.08	cps
Barium	135-1	3801	4234	4226	4087	6.07	cps
Barium	137-1	7336	7127	6952	7138	2.69	cps
Beryllium	9-1	430	394	382	402	6.21	cps
Bismuth	209-1	14358839	14141601	13781882	14094107	2.07	cps
Bismuth	209-2	6663533	6772222	6761380	6732378	0.89	cps
Boron	10-1	47858	43668	39826	43784	9.18	cps
Boron	11-1	216854	196626	179247	197576	9.53	cps
Bromine	81-1	9403	10525	9844	9924	5.70	cps
Cadmium	111-1	7574	8322	8116	8004	4.83	cps
Cadmium	106-1	9779	10913	10504	10399	5.52	cps
Cadmium	108-1	263	250	308	274	11.22	cps
Calcium	43-1	20792087	20759936	20901389	20817804	0.36	cps
Calcium	44-1	334868682	336928185	339010104	336935657	0.61	cps
Carbon	12-1	8390777	8318056	8446919	8385251	0.77	cps
Carbon	12-2	96549	94780	93153	94827	1.79	cps
Chlorine	35-1	387712	385469	380359	384513	0.98	cps
Chlorine	35-2	2884	2500	2234	2539	12.87	cps
Chromium	52-2	20822	21009	20955	20929	0.46	cps
Cobalt	59-2	8433	8336	8202	8324	1.39	cps
Copper	63-2	16129	16053	15889	16024	0.77	cps
Dysprosium	156-1	1742	1700	1984	1809	8.46	cps
Dysprosium	156-2	837	863	787	829	4.70	cps
Erbium	164-1	408	450	383	414	8.14	cps
Erbium	164-2	163	153	190	169	11.22	cps
Gadolinium	160-1	2092	2184	2125	2134	2.17	cps
Gadolinium	160-2	1107	1063	1060	1077	2.42	cps
Holmium	165-1	25504954	25611058	25086004	25400672	1.09	cps
Holmium	165-2	10299289	10576825	10527948	10468021	1.42	cps
Indium	115-1	20429001	21357014	20604558	20796858	2.37	cps
Indium	115-2	2820560	2831320	2896151	2849344	1.44	cps
Iron	54-2	34073047	33892849	33255633	33740510	1.27	cps
Iron	56-2	610900503	621308281	631318370	621175718	1.64	cps
Iron	57-2	15405799	15410123	15349019	15388314	0.22	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	780	757	756	3.31	cps
Lead	206-1	20344	20266	20416	20342	0.37	cps
Lead	207-1	18324	17378	17334	17679	3.16	cps
Lead	208-1	83173	80505	81240	81639	1.69	cps
Lithium	6-1	10406757	10988514	10730578	10708616	2.72	cps
Magnesium	24-2	125194749	123775644	126850670	125273688	1.23	cps
Manganese	55-2	14054	14060	13610	13908	1.86	cps
Molybdenum	94-1	8828	8528	8244	8533	3.42	cps
Molybdenum	95-1	12256	11588	11480	11775	3.57	cps
Molybdenum	96-1	16886	16527	15626	16346	3.97	cps
Molybdenum	97-1	6844	7219	6502	6855	5.23	cps
Molybdenum	98-1	18488	17303	17027	17606	4.41	cps
Neodymium	150-1	60	73	33	56	36.67	cps
Neodymium	150-2	23	3	10	12	83.33	cps
Nickel	60-2	8026	7839	7562	7809	2.99	cps
Phosphorus	31-2	225	167	250	214	19.99	cps
Potassium	39-2	41414343	41832326	41472056	41572908	0.54	cps
Rhodium	103-1	18794211	19154360	19022586	18990386	0.96	cps
Rhodium	103-2	8076284	8186762	8323862	8195636	1.51	cps
Scandium	45-1	15937018	16132536	15931179	16000244	0.72	cps
Scandium	45-2	461450	471386	467660	466832	1.08	cps
Selenium	82-1	38	16	25	26	42.27	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	40	30	34	35	14.52	cps
Silicon	28-1	1020401	1057083	1057042	1044842	2.03	cps
Silver	107-1	4626	4493	4317	4479	3.45	cps
Silver	109-1	4559	4334	4276	4390	3.41	cps
Sodium	23-2	238114864	245422597	243493139	242343533	1.56	cps
Strontium	86-1	11005	11880	11597	11494	3.89	cps
Strontium	88-1	90997	90544	90636	90725	0.26	cps
Sulfur	34-1	454999	466677	472108	464595	1.88	cps
Terbium	159-1	26139945	26632079	26542540	26438188	0.99	cps
Terbium	159-2	10010158	10521172	10584933	10372088	3.04	cps
Thallium	203-1	2650	2684	2484	2606	4.11	cps
Thallium	205-1	6510	5718	5443	5890	9.41	cps
Tin	118-1	5276	5618	5068	5321	5.22	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 13:51:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3250	3267	3242	3253	0.39	cps
Uranium	238-1	3976	3751	4051	3926	3.98	cps
Vanadium	51-2	530	463	587	527	11.72	cps
Ytterbium	172-1	92	75	133	100	30.05	cps
Ytterbium	172-2	39	78	33	50	48.44	cps
Ytterbium	176-1	3200	3484	3367	3351	4.25	cps
Ytterbium	176-2	2228	2528	2134	2297	8.97	cps
Yttrium	89-1	34689273	35728163	34778549	35065328	1.64	cps
Yttrium	89-2	3330838	3362582	3366394	3353271	0.58	cps
Zinc	66-2	12352	12402	11982	12245	1.88	cps
Zirconium	90-1	5335	5460	5001	5265	4.50	cps
Zirconium	91-1	1033	1217	1242	1164	9.77	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : ICV028 Instrumnet Name : P8
 Client Sample ID : ICV028 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:04:51 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42862	43078	43024	42988	0.26	cps
Antimony	121-1	2189149	2217119	2206003	2204090	0.64	cps
Arsenic	75-2	60159	59913	59503	59859	0.55	cps
Barium	135-1	268406	272974	266977	269452	1.16	cps
Barium	137-1	475798	465363	472499	471220	1.13	cps
Beryllium	9-1	412584	411146	409167	410965	0.42	cps
Bismuth	209-1	16548774	16351491	16213271	16371178	1.03	cps
Bismuth	209-2	7782135	7774940	7515696	7690923	1.97	cps
Boron	10-1	6286	6108	6008	6134	2.30	cps
Boron	11-1	29141	28378	27294	28271	3.28	cps
Bromine	81-1	8942	9153	9894	9329	5.36	cps
Cadmium	111-1	314690	317076	321937	317901	1.16	cps
Cadmium	106-1	37385	37444	37443	37424	0.09	cps
Cadmium	108-1	20999	20394	20528	20641	1.54	cps
Calcium	43-1	82306	83132	81583	82341	0.94	cps
Calcium	44-1	1370545	1370637	1378939	1373374	0.35	cps
Carbon	12-1	7318329	7329091	7543803	7397074	1.72	cps
Carbon	12-2	77706	76357	76258	76774	1.05	cps
Chlorine	35-1	353315	351858	355707	353626	0.55	cps
Chlorine	35-2	1967	1942	2209	2039	7.22	cps
Chromium	52-2	332123	324791	329131	328682	1.12	cps
Cobalt	59-2	615362	609783	611247	612130	0.47	cps
Copper	63-2	464318	467745	466434	466166	0.37	cps
Dysprosium	156-1	25	50	17	31	56.77	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	117	142	192	150	25.46	cps
Erbium	164-2	57	70	47	58	20.26	cps
Gadolinium	160-1	225	250	208	228	9.21	cps
Gadolinium	160-2	93	57	87	79	24.76	cps
Holmium	165-1	26235395	25467259	25751111	25817922	1.50	cps
Holmium	165-2	10700382	10566167	10408640	10558396	1.38	cps
Indium	115-1	22891705	22372576	22283863	22516048	1.46	cps
Indium	115-2	2934512	2949470	2923310	2935764	0.45	cps
Iron	54-2	288449	288160	287745	288118	0.12	cps
Iron	56-2	5287216	5178072	5239790	5235026	1.05	cps
Iron	57-2	123946	126161	128761	126289	1.91	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICV028	Instrumnet Name :	P8
Client Sample ID :	ICV028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:04:51	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	683	633	660	3.81	cps
Lead	206-1	1837580	1880481	1861400	1859820	1.16	cps
Lead	207-1	1464957	1457631	1474207	1465598	0.57	cps
Lead	208-1	7071862	7160307	7230057	7154075	1.11	cps
Lithium	6-1	11925139	11840415	11657343	11807632	1.16	cps
Magnesium	24-2	308369	303190	299892	303817	1.41	cps
Manganese	55-2	153136	153254	151394	152594	0.68	cps
Molybdenum	94-1	1242	925	892	1020	18.95	cps
Molybdenum	95-1	242	267	308	272	12.37	cps
Molybdenum	96-1	758	842	808	803	5.22	cps
Molybdenum	97-1	208	200	175	194	8.92	cps
Molybdenum	98-1	517	575	375	489	21.04	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167020	167394	168915	167776	0.60	cps
Phosphorus	31-2	225	217	200	214	5.95	cps
Potassium	39-2	340787	339462	332193	337481	1.37	cps
Rhodium	103-1	21991705	22083462	21735859	21937009	0.82	cps
Rhodium	103-2	9198057	9281720	9114131	9197969	0.91	cps
Scandium	45-1	16541886	16581183	16699819	16607629	0.50	cps
Scandium	45-2	468919	458792	464360	464023	1.09	cps
Selenium	82-1	49611	49702	49891	49735	0.29	cps
Selenium	77-2	1253	1190	1250	1231	2.90	cps
Selenium	78-2	4235	4104	4040	4126	2.41	cps
Silicon	28-1	403885	399086	410948	404640	1.47	cps
Silver	107-1	746583	760122	746706	751137	1.04	cps
Silver	109-1	728853	732524	728633	730003	0.30	cps
Sodium	23-2	1042755	1028174	1023132	1031354	0.99	cps
Strontium	86-1	2325	2492	2409	2409	3.46	cps
Strontium	88-1	10129	10137	9862	10043	1.56	cps
Sulfur	34-1	526031	528770	527187	527329	0.26	cps
Terbium	159-1	26900784	27429780	27263451	27198005	0.99	cps
Terbium	159-2	10430751	10552560	10394345	10459219	0.79	cps
Thallium	203-1	2245237	2261643	2280579	2262486	0.78	cps
Thallium	205-1	5317481	5378216	5287038	5327578	0.87	cps
Tin	118-1	2025	2259	2025	2103	6.41	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICV028	Instrumnet Name :	P8
Client Sample ID :	ICV028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:04:51	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	333	300	289	17.63	cps
Uranium	238-1	108	83	67	86	24.35	cps
Vanadium	51-2	256815	257574	257920	257436	0.22	cps
Ytterbium	172-1	83	100	50	78	32.73	cps
Ytterbium	172-2	22	39	28	30	28.65	cps
Ytterbium	176-1	3651	3309	3309	3423	5.77	cps
Ytterbium	176-2	3084	2784	2689	2852	7.22	cps
Yttrium	89-1	36212694	35155233	34777958	35381962	2.10	cps
Yttrium	89-2	3252516	3202993	3178207	3211239	1.18	cps
Zinc	66-2	108368	105563	106977	106969	1.31	cps
Zirconium	90-1	2542	2317	2542	2467	5.27	cps
Zirconium	91-1	867	625	850	781	17.29	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : ICB028 Instrumnet Name : P8
 Client Sample ID : ICB028 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:11:08 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	162	135	149	9.23	cps
Antimony	121-1	667	658	792	706	10.59	cps
Arsenic	75-2	11	8	17	12	38.19	cps
Barium	135-1	217	250	242	236	7.35	cps
Barium	137-1	350	383	350	361	5.33	cps
Beryllium	9-1	110	90	82	94	15.35	cps
Bismuth	209-1	16516447	16380475	16238503	16378475	0.85	cps
Bismuth	209-2	7982501	7753021	7733211	7822911	1.77	cps
Boron	10-1	4322	4368	4280	4323	1.02	cps
Boron	11-1	20572	20056	19797	20142	1.96	cps
Bromine	81-1	9743	9142	9072	9319	3.96	cps
Cadmium	111-1	7061	7201	7298	7187	1.66	cps
Cadmium	106-1	10037	10229	10338	10201	1.49	cps
Cadmium	108-1	88	67	67	74	16.34	cps
Calcium	43-1	480	475	499	485	2.58	cps
Calcium	44-1	32484	31650	31725	31953	1.44	cps
Carbon	12-1	6924646	6984946	7016808	6975467	0.67	cps
Carbon	12-2	70494	71382	68954	70277	1.75	cps
Chlorine	35-1	307756	308632	309509	308632	0.28	cps
Chlorine	35-2	1867	1867	1550	1761	10.38	cps
Chromium	52-2	947	997	937	960	3.35	cps
Cobalt	59-2	123	113	150	129	14.70	cps
Copper	63-2	987	910	1070	989	8.09	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	258	208	183	217	17.62	cps
Erbium	164-2	90	43	83	72	34.95	cps
Gadolinium	160-1	258	217	233	236	8.88	cps
Gadolinium	160-2	70	67	63	67	5.00	cps
Holmium	165-1	26453986	26623776	25756935	26278232	1.75	cps
Holmium	165-2	10765549	10420370	10786625	10657515	1.93	cps
Indium	115-1	22708592	23493898	22770450	22990980	1.90	cps
Indium	115-2	2970429	2927015	2955910	2951118	0.75	cps
Iron	54-2	361	394	311	356	11.80	cps
Iron	56-2	3823	3928	3573	3775	4.84	cps
Iron	57-2	56	78	72	69	16.88	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICB028	Instrumnet Name :	P8
Client Sample ID :	ICB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:11:08	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	723	723	714	2.16	cps
Lead	206-1	1495	1528	1428	1483	3.43	cps
Lead	207-1	1356	1267	1317	1313	3.39	cps
Lead	208-1	6162	5834	6190	6062	3.26	cps
Lithium	6-1	11986838	12158894	11801282	11982338	1.49	cps
Magnesium	24-2	367	367	342	358	4.03	cps
Manganese	55-2	127	153	117	132	14.34	cps
Molybdenum	94-1	667	775	700	714	7.77	cps
Molybdenum	95-1	125	117	83	108	20.35	cps
Molybdenum	96-1	217	350	308	292	23.39	cps
Molybdenum	97-1	92	42	50	61	43.83	cps
Molybdenum	98-1	183	183	192	186	2.58	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	40	33	73	49	43.84	cps
Phosphorus	31-2	183	175	192	183	4.54	cps
Potassium	39-2	13932	13623	14332	13963	2.55	cps
Rhodium	103-1	22109120	22261860	21547740	21972907	1.71	cps
Rhodium	103-2	9245507	9381294	9573492	9400097	1.75	cps
Scandium	45-1	16837892	17175061	16412724	16808559	2.27	cps
Scandium	45-2	462223	463830	460842	462298	0.32	cps
Selenium	82-1	29	-43	19	2	2221.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	27	22	25	11.40	cps
Silicon	28-1	355355	345971	352742	351356	1.38	cps
Silver	107-1	450	417	400	422	6.03	cps
Silver	109-1	283	275	217	258	14.06	cps
Sodium	23-2	30708	30315	30541	30521	0.65	cps
Strontium	86-1	1250	1458	1283	1331	8.41	cps
Strontium	88-1	1217	958	1158	1111	12.19	cps
Sulfur	34-1	530333	532548	530758	531213	0.22	cps
Terbium	159-1	27888858	27400170	27516454	27601827	0.92	cps
Terbium	159-2	10581374	10511136	10592543	10561684	0.42	cps
Thallium	203-1	1025	742	858	875	16.27	cps
Thallium	205-1	2092	2492	2025	2203	11.46	cps
Tin	118-1	2392	1767	1809	1989	17.58	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICB028	Instrumnet Name :	P8
Client Sample ID :	ICB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:11:08	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	225	283	247	12.76	cps
Uranium	238-1	92	25	17	44	92.49	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	50	92	83	75	29.40	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	3192	3100	3476	3256	6.01	cps
Ytterbium	176-2	2817	2789	2689	2765	2.43	cps
Yttrium	89-1	35200233	35480886	34619256	35100125	1.25	cps
Yttrium	89-2	3230077	3208170	3296862	3245037	1.42	cps
Zinc	66-2	673	630	560	621	9.21	cps
Zirconium	90-1	2267	1917	2184	2122	8.62	cps
Zirconium	91-1	433	492	325	417	20.30	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : ICSA028 Instrumnet Name : P8
 Client Sample ID : ICSA028 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:14:10 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7986332	7802755	7813420	7867502	1.31	cps
Antimony	121-1	11789	12539	12965	12431	4.79	cps
Arsenic	75-2	110	87	94	97	12.15	cps
Barium	135-1	3567	3976	3526	3689	6.74	cps
Barium	137-1	6794	6460	5868	6374	7.35	cps
Beryllium	9-1	1042	1032	1116	1063	4.32	cps
Bismuth	209-1	15346135	15246125	15771074	15454445	1.80	cps
Bismuth	209-2	7348622	7550270	7488593	7462495	1.38	cps
Boron	10-1	4446	4298	4276	4340	2.13	cps
Boron	11-1	19683	19479	19451	19538	0.65	cps
Bromine	81-1	9874	10294	9583	9917	3.61	cps
Cadmium	111-1	8125	8306	8154	8195	1.19	cps
Cadmium	106-1	9879	9704	9228	9604	3.50	cps
Cadmium	108-1	3434	3184	3075	3231	5.69	cps
Calcium	43-1	3997463	3861694	3950382	3936513	1.75	cps
Calcium	44-1	64943950	64518088	64672384	64711474	0.33	cps
Carbon	12-1	45307681	46659995	47352351	46440009	2.24	cps
Carbon	12-2	484118	484791	482665	483858	0.22	cps
Chlorine	35-1	18317286	23528385	28063039	23302903	20.93	cps
Chlorine	35-2	218752	232337	246141	232410	5.89	cps
Chromium	52-2	62553	62944	62704	62734	0.31	cps
Cobalt	59-2	6765	6692	6728	6728	0.55	cps
Copper	63-2	33623	33493	34372	33829	1.40	cps
Dysprosium	156-1	25	42	75	47	53.91	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	167	142	250	186	30.48	cps
Erbium	164-2	80	77	63	73	12.03	cps
Gadolinium	160-1	308	200	250	253	21.45	cps
Gadolinium	160-2	120	90	50	87	40.52	cps
Holmium	165-1	26387693	25999222	26078265	26155060	0.78	cps
Holmium	165-2	10727701	11114663	10876527	10906297	1.79	cps
Indium	115-1	22257857	21865569	22069458	22064295	0.89	cps
Indium	115-2	2848425	2887847	2959064	2898446	1.93	cps
Iron	54-2	13343182	13458277	13057494	13286317	1.55	cps
Iron	56-2	253972028	249578311	252176039	251908793	0.88	cps
Iron	57-2	6151949	6238312	6157297	6182519	0.78	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSA028	Instrumnet Name :	P8
Client Sample ID :	ICSA028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:14:10	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	663	740	681	7.68	cps
Lead	206-1	38446	39232	38708	38795	1.03	cps
Lead	207-1	31550	30063	30197	30603	2.69	cps
Lead	208-1	145695	146624	145631	145983	0.38	cps
Lithium	6-1	11268423	11560841	11401608	11410291	1.28	cps
Magnesium	24-2	23738402	23818868	23705944	23754405	0.24	cps
Manganese	55-2	10674	10881	10624	10726	1.27	cps
Molybdenum	94-1	6537271	6497764	6469281	6501439	0.53	cps
Molybdenum	95-1	11155965	11213239	11377454	11248886	1.02	cps
Molybdenum	96-1	12155403	12155436	12297301	12202713	0.67	cps
Molybdenum	97-1	6925638	6886200	7221888	7011242	2.62	cps
Molybdenum	98-1	17946482	18355898	19021922	18441434	2.94	cps
Neodymium	150-1	73	60	53	62	16.37	cps
Neodymium	150-2	20	23	20	21	9.11	cps
Nickel	60-2	8416	8403	8453	8424	0.31	cps
Phosphorus	31-2	429590	419317	427331	425413	1.27	cps
Potassium	39-2	15917267	15477558	15786386	15727070	1.44	cps
Rhodium	103-1	20415038	20806167	21184459	20801888	1.85	cps
Rhodium	103-2	8781350	8922352	9105309	8936337	1.82	cps
Scandium	45-1	16871898	16758624	16798763	16809761	0.34	cps
Scandium	45-2	457961	460344	458741	459015	0.26	cps
Selenium	82-1	53	66	9	43	69.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	26	29	33	29	11.97	cps
Silicon	28-1	594491	595430	596873	595598	0.20	cps
Silver	107-1	1058	908	975	981	7.66	cps
Silver	109-1	792	967	708	822	16.04	cps
Sodium	23-2	48706050	48875443	48508552	48696682	0.38	cps
Strontium	86-1	134495	134098	135099	134564	0.37	cps
Strontium	88-1	1120066	1141278	1145009	1135451	1.18	cps
Sulfur	34-1	6369840	6237148	6173670	6260219	1.60	cps
Terbium	159-1	27284375	27740409	28091977	27705587	1.46	cps
Terbium	159-2	10578017	10836270	10522523	10645603	1.57	cps
Thallium	203-1	1208	1258	1350	1272	5.65	cps
Thallium	205-1	2842	3059	3517	3139	10.98	cps
Tin	118-1	2700	2650	2767	2706	2.16	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSA028	Instrumnet Name :	P8
Client Sample ID :	ICSA028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:14:10	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3828767	3834514	3871731	3845004	0.61	cps
Uranium	238-1	442	608	650	567	19.45	cps
Vanadium	51-2	397	360	403	387	6.03	cps
Ytterbium	172-1	50	67	133	83	52.92	cps
Ytterbium	172-2	39	33	50	41	20.83	cps
Ytterbium	176-1	3259	3225	3309	3264	1.29	cps
Ytterbium	176-2	2195	2506	2523	2408	7.67	cps
Yttrium	89-1	35126338	35057342	36016988	35400223	1.51	cps
Yttrium	89-2	3224201	3311561	3369657	3301806	2.22	cps
Zinc	66-2	5831	5845	5988	5888	1.48	cps
Zirconium	90-1	2217	2450	2292	2320	5.14	cps
Zirconium	91-1	442	542	558	514	12.28	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : ICSAB028 Instrumnet Name : P8
 Client Sample ID : ICSAB028 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:17:05 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7663733	7595897	7530966	7596865	0.87	cps
Antimony	121-1	221065	229330	226518	225638	1.86	cps
Arsenic	75-2	5730	5795	5719	5748	0.72	cps
Barium	135-1	55013	57891	57464	56789	2.74	cps
Barium	137-1	97073	100011	100448	99177	1.85	cps
Beryllium	9-1	76847	76910	75103	76287	1.34	cps
Bismuth	209-1	15725867	15692270	15658946	15692361	0.21	cps
Bismuth	209-2	7403932	7298141	7304547	7335540	0.81	cps
Boron	10-1	27418	28053	29099	28190	3.01	cps
Boron	11-1	124234	130020	134877	129710	4.11	cps
Bromine	81-1	11066	10645	10705	10805	2.11	cps
Cadmium	111-1	66269	68133	66974	67125	1.40	cps
Cadmium	106-1	17036	17111	17353	17167	0.97	cps
Cadmium	108-1	7765	7736	7936	7812	1.38	cps
Calcium	43-1	3918329	3896750	4048623	3954567	2.08	cps
Calcium	44-1	62971715	62957430	64360750	63429965	1.27	cps
Carbon	12-1	44687782	45841525	46820865	45783391	2.33	cps
Carbon	12-2	475229	485796	481724	480917	1.11	cps
Chlorine	35-1	32200905	36818153	40838600	36619219	11.80	cps
Chlorine	35-2	283666	285715	293916	287766	1.88	cps
Chromium	52-2	125583	125307	124995	125295	0.23	cps
Cobalt	59-2	124184	123124	120876	122728	1.38	cps
Copper	63-2	120104	120920	118903	119975	0.85	cps
Dysprosium	156-1	50	50	75	58	24.74	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	150	183	233	189	22.20	cps
Erbium	164-2	73	80	93	82	12.39	cps
Gadolinium	160-1	267	233	250	250	6.67	cps
Gadolinium	160-2	67	90	90	82	16.38	cps
Holmium	165-1	26217306	26626561	27062821	26635563	1.59	cps
Holmium	165-2	10866847	10998661	10836665	10900724	0.79	cps
Indium	115-1	22341860	21907570	22799959	22349796	2.00	cps
Indium	115-2	2912231	2911384	2781328	2868314	2.63	cps
Iron	54-2	13124853	13121092	13072637	13106194	0.22	cps
Iron	56-2	247372694	244251767	245494317	245706259	0.64	cps
Iron	57-2	6118366	5942633	6055150	6038716	1.47	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSAB028	Instrumnet Name :	P8
Client Sample ID :	ICSAB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:17:05	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	740	730	800	757	5.00	cps
Lead	206-1	196525	200960	206002	201162	2.36	cps
Lead	207-1	167764	166856	166401	167007	0.42	cps
Lead	208-1	777952	777984	779094	778343	0.08	cps
Lithium	6-1	11584325	11497952	11506612	11529630	0.41	cps
Magnesium	24-2	23055798	23182918	22990305	23076340	0.42	cps
Manganese	55-2	40364	39451	39996	39937	1.15	cps
Molybdenum	94-1	6753988	6800855	6876651	6810498	0.91	cps
Molybdenum	95-1	11374232	11274797	11384977	11344669	0.54	cps
Molybdenum	96-1	12260057	12318248	12184272	12254192	0.55	cps
Molybdenum	97-1	6903790	7008708	6883991	6932163	0.97	cps
Molybdenum	98-1	18136489	17930725	18201985	18089733	0.78	cps
Neodymium	150-1	47	33	67	49	34.32	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	39595	39157	39084	39279	0.70	cps
Phosphorus	31-2	418126	408546	417108	414593	1.27	cps
Potassium	39-2	15413714	15245116	15285503	15314778	0.57	cps
Rhodium	103-1	20719527	20920226	21231749	20957167	1.23	cps
Rhodium	103-2	9051400	9103244	8650079	8934908	2.78	cps
Scandium	45-1	16801065	16895855	16765796	16820905	0.40	cps
Scandium	45-2	468248	463498	459958	463901	0.90	cps
Selenium	82-1	4571	4646	4502	4573	1.58	cps
Selenium	77-2	160	113	130	134	17.59	cps
Selenium	78-2	420	401	383	401	4.61	cps
Silicon	28-1	617204	632948	657027	635727	3.15	cps
Silver	107-1	286463	286072	285075	285870	0.25	cps
Silver	109-1	271555	272704	274430	272896	0.53	cps
Sodium	23-2	46082761	47441908	47086034	46870235	1.50	cps
Strontium	86-1	325745	327655	328476	327292	0.43	cps
Strontium	88-1	2930406	2848873	2887906	2889062	1.41	cps
Sulfur	34-1	6369972	6460830	6541400	6457401	1.33	cps
Terbium	159-1	27749185	28279812	27204793	27744597	1.94	cps
Terbium	159-2	10742601	10692782	10335913	10590432	2.09	cps
Thallium	203-1	203506	204959	205472	204646	0.50	cps
Thallium	205-1	481200	489586	494033	488273	1.33	cps
Tin	118-1	470050	461560	472540	468050	1.23	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	ICSAB028	Instrumnet Name :	P8
Client Sample ID :	ICSAB028	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:17:05	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3751116	3818690	3730274	3766693	1.23	cps
Uranium	238-1	1582887	1613335	1609308	1601843	1.03	cps
Vanadium	51-2	50827	49850	50201	50292	0.98	cps
Ytterbium	172-1	50	75	67	64	19.92	cps
Ytterbium	172-2	61	33	22	39	51.51	cps
Ytterbium	176-1	3300	3259	3225	3262	1.15	cps
Ytterbium	176-2	2300	2056	2000	2119	7.53	cps
Yttrium	89-1	35851236	36214930	36108469	36058212	0.52	cps
Yttrium	89-2	3346785	3320983	3249121	3305629	1.53	cps
Zinc	66-2	15779	15826	15535	15713	0.99	cps
Zirconium	90-1	1017118	1036974	1034095	1029396	1.04	cps
Zirconium	91-1	224676	228622	231866	228388	1.58	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4441499	4466137	4463716	4457117	0.30	cps
Antimony	121-1	5288061	5308274	5344992	5313776	0.54	cps
Arsenic	75-2	151608	150472	148561	150214	1.02	cps
Barium	135-1	6738238	6706671	6903244	6782718	1.56	cps
Barium	137-1	11624102	11474882	11786897	11628627	1.34	cps
Beryllium	9-1	1846310	1863076	1908546	1872644	1.72	cps
Bismuth	209-1	14745607	15340428	14722936	14936323	2.34	cps
Bismuth	209-2	6616659	7034284	7073136	6908026	3.66	cps
Boron	10-1	223870	233411	242470	233250	3.99	cps
Boron	11-1	928937	973832	996385	966385	3.55	cps
Bromine	81-1	10194	9623	10324	10047	3.71	cps
Cadmium	111-1	1513429	1534332	1556643	1534802	1.41	cps
Cadmium	106-1	169752	171030	175635	172139	1.80	cps
Cadmium	108-1	111484	114499	114702	113562	1.59	cps
Calcium	43-1	10995176	10867144	11282859	11048393	1.93	cps
Calcium	44-1	179243625	172866502	183070142	178393423	2.89	cps
Carbon	12-1	9721358	10351683	10544197	10205746	4.22	cps
Carbon	12-2	120189	124181	125071	123147	2.11	cps
Chlorine	35-1	9167423	8542865	8168036	8626108	5.85	cps
Chlorine	35-2	46450	43834	42296	44193	4.75	cps
Chromium	52-2	1695090	1710143	1703508	1702914	0.44	cps
Cobalt	59-2	3067014	2998529	2985199	3016914	1.46	cps
Copper	63-2	22908265	22719463	22766255	22797995	0.43	cps
Dysprosium	156-1	1125	1050	1092	1089	3.45	cps
Dysprosium	156-2	520	473	507	500	4.81	cps
Erbium	164-1	392	300	317	336	14.53	cps
Erbium	164-2	113	140	160	138	16.99	cps
Gadolinium	160-1	1383	1492	1375	1417	4.59	cps
Gadolinium	160-2	653	730	557	647	13.43	cps
Holmium	165-1	26503800	25706470	26210469	26140246	1.54	cps
Holmium	165-2	10354944	10695856	10835538	10628779	2.33	cps
Indium	115-1	22067042	21995435	21810858	21957778	0.60	cps
Indium	115-2	2663642	2819635	2821380	2768219	3.27	cps
Iron	54-2	17543965	17886624	17519905	17650165	1.16	cps
Iron	56-2	328738441	327114474	324697029	326849981	0.62	cps
Iron	57-2	8158959	7964484	8096133	8073192	1.23	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	823	790	760	791	4.00	cps
Lead	206-1	20298720	20572609	20908615	20593315	1.48	cps
Lead	207-1	17746724	18056045	18090586	17964452	1.05	cps
Lead	208-1	81541843	83470403	83051230	82687825	1.23	cps
Lithium	6-1	10919732	10974243	11604616	11166197	3.41	cps
Magnesium	24-2	65654910	65791226	64454370	65300169	1.13	cps
Manganese	55-2	7855080	7964834	7724661	7848192	1.53	cps
Molybdenum	94-1	12597891	12684010	12797021	12692974	0.79	cps
Molybdenum	95-1	15570351	15898846	15456143	15641780	1.47	cps
Molybdenum	96-1	17514867	17413534	17272090	17400163	0.70	cps
Molybdenum	97-1	9536431	9569451	9653225	9586369	0.63	cps
Molybdenum	98-1	24840202	25379213	25270882	25163432	1.13	cps
Neodymium	150-1	247	327	280	284	14.13	cps
Neodymium	150-2	30	43	27	33	26.45	cps
Nickel	60-2	793892	791257	794656	793268	0.22	cps
Phosphorus	31-2	46593	46074	45798	46155	0.87	cps
Potassium	39-2	21412498	21550118	21270479	21411032	0.65	cps
Rhodium	103-1	20515267	20221031	20382175	20372824	0.72	cps
Rhodium	103-2	8120881	8475331	8510074	8368762	2.57	cps
Scandium	45-1	16537226	16901413	16183004	16540548	2.17	cps
Scandium	45-2	440777	467190	466264	458077	3.27	cps
Selenium	82-1	115037	115400	116350	115596	0.59	cps
Selenium	77-2	2950	3017	3037	3001	1.51	cps
Selenium	78-2	9851	9879	9774	9835	0.55	cps
Silicon	28-1	4815552	4844262	4777176	4812330	0.70	cps
Silver	107-1	7569196	7626871	7652685	7616251	0.56	cps
Silver	109-1	7109727	7236782	7174986	7173832	0.89	cps
Sodium	23-2	127741149	126328578	125724707	126598144	0.82	cps
Strontium	86-1	19905836	19822911	19938729	19889158	0.30	cps
Strontium	88-1	173258562	173452879	171697079	172802840	0.56	cps
Sulfur	34-1	1116167	1109028	1097208	1107468	0.86	cps
Terbium	159-1	27599917	27266660	26959660	27275412	1.17	cps
Terbium	159-2	9818694	10569422	10271678	10219931	3.70	cps
Thallium	203-1	4957377	5079805	5125312	5054165	1.72	cps
Thallium	205-1	11710480	11822676	12068506	11867220	1.54	cps
Tin	118-1	4898447	4794120	4845506	4846024	1.08	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:19:58	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4919749	4992011	4895662	4935807	1.02	cps
Uranium	238-1	15935067	16233483	16362861	16177137	1.36	cps
Vanadium	51-2	1340913	1345829	1366850	1351197	1.02	cps
Ytterbium	172-1	58	117	67	81	39.17	cps
Ytterbium	172-2	56	50	33	46	24.99	cps
Ytterbium	176-1	3192	3526	3250	3323	5.36	cps
Ytterbium	176-2	1639	2161	2211	2004	15.82	cps
Yttrium	89-1	34808893	35511327	35692539	35337586	1.32	cps
Yttrium	89-2	3112820	3205524	3281181	3199842	2.64	cps
Zinc	66-2	2644906	2620344	2595006	2620085	0.95	cps
Zirconium	90-1	10397851	10557889	10404234	10453324	0.87	cps
Zirconium	91-1	2329358	2365711	2345168	2346745	0.78	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255	280	296	277	7.50	cps
Antimony	121-1	825	958	1008	931	10.18	cps
Arsenic	75-2	11	9	14	11	22.21	cps
Barium	135-1	350	275	258	294	16.58	cps
Barium	137-1	508	392	542	481	16.39	cps
Beryllium	9-1	114	98	84	99	15.22	cps
Bismuth	209-1	16762123	16325906	16745646	16611225	1.49	cps
Bismuth	209-2	7814717	7854042	7815506	7828088	0.29	cps
Boron	10-1	7342	6972	7112	7142	2.62	cps
Boron	11-1	34496	31856	32672	33008	4.09	cps
Bromine	81-1	9573	9643	9864	9693	1.56	cps
Cadmium	111-1	7089	7165	7278	7177	1.32	cps
Cadmium	106-1	9937	10179	10262	10126	1.67	cps
Cadmium	108-1	42	75	50	56	31.22	cps
Calcium	43-1	574	645	670	630	7.93	cps
Calcium	44-1	35308	35242	35476	35342	0.34	cps
Carbon	12-1	7046181	6989127	7249798	7095035	1.93	cps
Carbon	12-2	71398	72437	73878	72571	1.72	cps
Chlorine	35-1	2274248	2208381	2118875	2200501	3.54	cps
Chlorine	35-2	12422	12014	12356	12264	1.79	cps
Chromium	52-2	947	1103	983	1011	8.10	cps
Cobalt	59-2	147	120	190	152	23.21	cps
Copper	63-2	1433	1547	1637	1539	6.62	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	208	200	200	203	2.37	cps
Erbium	164-2	70	50	63	61	16.66	cps
Gadolinium	160-1	167	225	217	203	15.56	cps
Gadolinium	160-2	80	83	73	79	6.45	cps
Holmium	165-1	26042289	26379283	26836814	26419462	1.51	cps
Holmium	165-2	10966797	10898415	10806316	10890509	0.74	cps
Indium	115-1	23468532	23073646	23438288	23326822	0.94	cps
Indium	115-2	2979955	3007372	2995057	2994128	0.46	cps
Iron	54-2	672	856	883	804	14.27	cps
Iron	56-2	9225	9942	10921	10030	8.49	cps
Iron	57-2	317	189	172	226	34.98	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	663	703	694	4.00	cps
Lead	206-1	1739	1939	1850	1843	5.44	cps
Lead	207-1	1639	1483	1550	1558	5.01	cps
Lead	208-1	7257	7262	7434	7318	1.38	cps
Lithium	6-1	11854520	12034462	11768617	11885866	1.14	cps
Magnesium	24-2	1467	1367	1408	1414	3.55	cps
Manganese	55-2	220	283	267	257	12.79	cps
Molybdenum	94-1	1075	1117	1067	1086	2.47	cps
Molybdenum	95-1	567	658	483	569	15.37	cps
Molybdenum	96-1	692	625	600	639	7.42	cps
Molybdenum	97-1	333	417	300	350	17.17	cps
Molybdenum	98-1	883	875	867	875	0.95	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	57	60	59	3.26	cps
Phosphorus	31-2	150	133	175	153	13.73	cps
Potassium	39-2	16226	15292	16226	15915	3.39	cps
Rhodium	103-1	22471665	22329296	21981367	22260776	1.13	cps
Rhodium	103-2	9355932	9455855	9340774	9384187	0.67	cps
Scandium	45-1	17339436	17367856	16913413	17206902	1.48	cps
Scandium	45-2	467526	468533	468626	468228	0.13	cps
Selenium	82-1	3	55	-12	16	227.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	33	28	29	14.10	cps
Silicon	28-1	363671	357784	358842	360099	0.87	cps
Silver	107-1	600	658	508	589	12.84	cps
Silver	109-1	458	392	500	450	12.14	cps
Sodium	23-2	40707	38852	39696	39752	2.34	cps
Strontium	86-1	1367	1450	1225	1347	8.44	cps
Strontium	88-1	2659	2767	2567	2664	3.76	cps
Sulfur	34-1	503536	504792	506490	504939	0.29	cps
Terbium	159-1	28013174	27692865	27885540	27863859	0.58	cps
Terbium	159-2	10572688	10967131	10592834	10710885	2.07	cps
Thallium	203-1	1392	1333	1442	1389	3.90	cps
Thallium	205-1	3576	3617	3459	3551	2.31	cps
Tin	118-1	2159	2192	1917	2089	7.18	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:26:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	233	308	278	14.18	cps
Uranium	238-1	183	167	158	169	7.51	cps
Vanadium	51-2	17	27	37	27	37.50	cps
Ytterbium	172-1	33	58	75	56	37.75	cps
Ytterbium	172-2	50	50	50	50	0.00	cps
Ytterbium	176-1	3409	3250	3317	3326	2.39	cps
Ytterbium	176-2	2456	2734	2406	2532	6.98	cps
Yttrium	89-1	36137465	36378664	36602442	36372857	0.64	cps
Yttrium	89-2	3306983	3266050	3276720	3283251	0.65	cps
Zinc	66-2	677	607	630	638	5.59	cps
Zirconium	90-1	2250	2159	2409	2272	5.57	cps
Zirconium	91-1	533	483	375	464	17.45	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : PB138781BL Instrumnet Name : P8
 Client Sample ID : PBW781 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:29:37 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	182	197	190	3.97	cps
Antimony	121-1	367	525	600	497	23.96	cps
Arsenic	75-2	8	10	8	9	13.32	cps
Barium	135-1	233	183	200	206	12.38	cps
Barium	137-1	300	342	450	364	21.28	cps
Beryllium	9-1	48	76	74	66	23.67	cps
Bismuth	209-1	16761927	15816007	16594899	16390944	3.08	cps
Bismuth	209-2	7862616	7723533	7852544	7812898	0.99	cps
Boron	10-1	5456	5286	5248	5330	2.08	cps
Boron	11-1	24480	23712	22825	23672	3.50	cps
Bromine	81-1	9583	10324	9493	9800	4.66	cps
Cadmium	111-1	7253	6988	7307	7183	2.37	cps
Cadmium	106-1	10237	9854	10271	10121	2.29	cps
Cadmium	108-1	67	38	29	44	44.30	cps
Calcium	43-1	564	516	570	550	5.34	cps
Calcium	44-1	34331	34000	34031	34120	0.54	cps
Carbon	12-1	6679154	6765833	6653531	6699506	0.88	cps
Carbon	12-2	66894	66769	69332	67665	2.14	cps
Chlorine	35-1	1556745	1526576	1543613	1542312	0.98	cps
Chlorine	35-2	9270	9036	8178	8828	6.52	cps
Chromium	52-2	997	983	920	967	4.24	cps
Cobalt	59-2	127	113	137	126	9.33	cps
Copper	63-2	1243	1213	1130	1196	4.91	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	225	117	150	164	33.86	cps
Erbium	164-2	57	93	97	82	26.99	cps
Gadolinium	160-1	208	242	267	239	12.25	cps
Gadolinium	160-2	90	53	57	67	30.41	cps
Holmium	165-1	26819288	25742139	25829449	26130292	2.29	cps
Holmium	165-2	10716637	10614119	10900669	10743808	1.35	cps
Indium	115-1	23430436	21749455	22799348	22659746	3.75	cps
Indium	115-2	2966441	2939094	2956991	2954175	0.47	cps
Iron	54-2	456	628	556	546	15.83	cps
Iron	56-2	6057	6213	6340	6203	2.29	cps
Iron	57-2	156	139	133	143	8.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BL	Instrumnet Name :	P8
Client Sample ID :	PBW781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:29:37	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	637	647	648	1.81	cps
Lead	206-1	1672	1745	1711	1709	2.11	cps
Lead	207-1	1395	1522	1522	1480	4.99	cps
Lead	208-1	6545	6667	6890	6701	2.61	cps
Lithium	6-1	12001329	11417465	11758404	11725733	2.50	cps
Magnesium	24-2	783	625	700	703	11.27	cps
Manganese	55-2	163	127	133	141	13.84	cps
Molybdenum	94-1	933	900	908	914	1.90	cps
Molybdenum	95-1	258	350	283	297	15.94	cps
Molybdenum	96-1	442	483	475	467	4.72	cps
Molybdenum	97-1	175	167	175	172	2.80	cps
Molybdenum	98-1	367	425	417	403	7.83	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	57	43	60	53	16.54	cps
Phosphorus	31-2	167	250	150	189	28.37	cps
Potassium	39-2	15008	14391	14750	14716	2.11	cps
Rhodium	103-1	22558904	20422945	21872392	21618080	5.04	cps
Rhodium	103-2	9503200	9228529	9489863	9407198	1.65	cps
Scandium	45-1	17176241	15957031	16820503	16651258	3.77	cps
Scandium	45-2	468790	458571	463526	463629	1.10	cps
Selenium	82-1	68	62	95	75	23.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	24	33	29	15.80	cps
Silicon	28-1	357334	355305	351703	354781	0.80	cps
Silver	107-1	383	425	375	394	6.79	cps
Silver	109-1	267	183	217	222	18.88	cps
Sodium	23-2	35628	35987	35134	35583	1.20	cps
Strontium	86-1	1425	1292	1108	1275	12.47	cps
Strontium	88-1	1817	1417	1759	1664	12.99	cps
Sulfur	34-1	511506	512278	511587	511790	0.08	cps
Terbium	159-1	27931305	26014305	27680553	27208721	3.83	cps
Terbium	159-2	10600444	10541246	10602032	10581241	0.33	cps
Thallium	203-1	1308	1125	1300	1245	8.32	cps
Thallium	205-1	2917	3167	2842	2975	5.72	cps
Tin	118-1	1283	1208	1342	1278	5.23	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BL	Instrumnet Name :	P8
Client Sample ID :	PBW781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:29:37	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	225	267	286	25.45	cps
Uranium	238-1	125	108	117	117	7.14	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Ytterbium	172-1	50	58	67	58	14.29	cps
Ytterbium	172-2	39	17	17	24	53.28	cps
Ytterbium	176-1	3934	3225	3376	3512	10.63	cps
Ytterbium	176-2	2122	2217	2145	2161	2.29	cps
Yttrium	89-1	36970422	34390497	35549239	35636719	3.63	cps
Yttrium	89-2	3268164	3242579	3282297	3264346	0.62	cps
Zinc	66-2	607	613	680	633	6.40	cps
Zirconium	90-1	1834	2042	1967	1947	5.42	cps
Zirconium	91-1	475	525	508	503	5.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3816	3954	3889	3886	1.77	cps
Antimony	121-1	43604	45042	42609	43752	2.80	cps
Arsenic	75-2	583	648	656	629	6.37	cps
Barium	135-1	52419	53657	54167	53414	1.68	cps
Barium	137-1	91626	92197	93272	92365	0.90	cps
Beryllium	9-1	8265	8175	8073	8171	1.18	cps
Bismuth	209-1	16628399	16615303	16660960	16634887	0.14	cps
Bismuth	209-2	7848720	7978835	7806222	7877925	1.14	cps
Boron	10-1	24850	27278	28015	26714	6.20	cps
Boron	11-1	115757	122678	129163	122533	5.47	cps
Bromine	81-1	10535	9744	9884	10054	4.20	cps
Cadmium	111-1	13977	14818	14212	14336	3.03	cps
Cadmium	106-1	11463	11797	11088	11449	3.10	cps
Cadmium	108-1	546	471	454	490	9.96	cps
Calcium	43-1	42395	42231	42481	42369	0.30	cps
Calcium	44-1	706404	714346	711169	710640	0.56	cps
Carbon	12-1	6900154	6792603	6823130	6838629	0.81	cps
Carbon	12-2	70722	69984	69239	69982	1.06	cps
Chlorine	35-1	1211196	1181461	1177627	1190095	1.54	cps
Chlorine	35-2	7094	6944	6610	6882	3.60	cps
Chromium	52-2	15018	14057	14024	14366	3.93	cps
Cobalt	59-2	12272	12559	12409	12413	1.16	cps
Copper	63-2	19050	18422	18072	18514	2.68	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	142	275	242	219	31.62	cps
Erbium	164-2	77	77	53	69	19.56	cps
Gadolinium	160-1	275	292	192	253	21.20	cps
Gadolinium	160-2	83	93	77	84	9.93	cps
Holmium	165-1	26871994	26454347	27100589	26808977	1.22	cps
Holmium	165-2	10903883	11014214	10702561	10873552	1.45	cps
Indium	115-1	23119556	22904069	22952420	22992015	0.49	cps
Indium	115-2	2981951	2921164	2962695	2955270	1.05	cps
Iron	54-2	57705	56953	58442	57700	1.29	cps
Iron	56-2	1061849	1042720	1055737	1053435	0.93	cps
Iron	57-2	25696	26347	26703	26249	1.95	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	760	797	748	7.49	cps
Lead	206-1	18302	18057	17863	18074	1.22	cps
Lead	207-1	15999	15838	15816	15884	0.63	cps
Lead	208-1	72586	72770	72319	72558	0.31	cps
Lithium	6-1	11953453	12163880	11926902	12014745	1.08	cps
Magnesium	24-2	262110	257967	262124	260733	0.92	cps
Manganese	55-2	3367	3364	3154	3295	3.71	cps
Molybdenum	94-1	51412	50927	50233	50858	1.17	cps
Molybdenum	95-1	60700	62517	62625	61947	1.75	cps
Molybdenum	96-1	67649	70245	66527	68140	2.80	cps
Molybdenum	97-1	37652	38697	38771	38373	1.63	cps
Molybdenum	98-1	96283	99189	97140	97537	1.53	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3651	3654	3564	3623	1.41	cps
Phosphorus	31-2	142	150	117	136	12.74	cps
Potassium	39-2	178049	177525	177381	177651	0.20	cps
Rhodium	103-1	21798759	22783171	22615078	22399003	2.35	cps
Rhodium	103-2	9378160	9424140	9222630	9341644	1.13	cps
Scandium	45-1	17252954	16582601	17373891	17069815	2.50	cps
Scandium	45-2	471602	468604	468746	469651	0.36	cps
Selenium	82-1	2469	2393	2460	2441	1.70	cps
Selenium	77-2	40	60	50	50	20.00	cps
Selenium	78-2	231	234	244	236	2.88	cps
Silicon	28-1	568712	566538	574256	569835	0.70	cps
Silver	107-1	29190	29867	30660	29905	2.46	cps
Silver	109-1	28355	29357	29374	29029	2.01	cps
Sodium	23-2	533780	530742	539890	534804	0.87	cps
Strontium	86-1	10087	9570	9787	9815	2.65	cps
Strontium	88-1	73293	74474	74358	74042	0.88	cps
Sulfur	34-1	519934	519243	518498	519225	0.14	cps
Terbium	159-1	27826771	28569677	27320659	27905702	2.25	cps
Terbium	159-2	10456409	10703110	10587086	10582202	1.17	cps
Thallium	203-1	21719	22178	21318	21738	1.98	cps
Thallium	205-1	51787	52005	52315	52035	0.51	cps
Tin	118-1	96523	98338	97589	97483	0.94	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138781BS	Instrumnet Name :	P8
Client Sample ID :	LCS781	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:32:37	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20457	19897	20231	20195	1.39	cps
Uranium	238-1	62253	61139	61501	61631	0.92	cps
Vanadium	51-2	25817	26451	26348	26205	1.30	cps
Ytterbium	172-1	33	67	67	56	34.65	cps
Ytterbium	172-2	28	39	39	35	18.23	cps
Ytterbium	176-1	3242	3517	3109	3289	6.33	cps
Ytterbium	176-2	2067	2234	1961	2087	6.58	cps
Yttrium	89-1	35820970	35744597	35771240	35778936	0.11	cps
Yttrium	89-2	3247972	3322381	3248821	3273058	1.31	cps
Zinc	66-2	6041	5661	5741	5815	3.45	cps
Zirconium	90-1	43142	41797	42666	42535	1.60	cps
Zirconium	91-1	9312	8953	9654	9306	3.76	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : PB138782BL Instrumnet Name : P8
 Client Sample ID : PBW782 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:35:39 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154	151	156	154	1.63	cps
Antimony	121-1	250	292	325	289	13.01	cps
Arsenic	75-2	6	5	4	5	20.00	cps
Barium	135-1	250	225	225	233	6.19	cps
Barium	137-1	250	400	292	314	24.67	cps
Beryllium	9-1	80	66	62	69	13.63	cps
Bismuth	209-1	16259298	16898564	16743535	16633799	2.00	cps
Bismuth	209-2	7913787	7782706	7751523	7816005	1.10	cps
Boron	10-1	5810	5634	5470	5638	3.02	cps
Boron	11-1	26368	26256	24944	25856	3.06	cps
Bromine	81-1	9944	9122	9974	9680	4.99	cps
Cadmium	111-1	7457	7486	7132	7358	2.68	cps
Cadmium	106-1	10638	10671	10137	10482	2.85	cps
Cadmium	108-1	50	54	63	56	11.46	cps
Calcium	43-1	469	501	504	491	3.98	cps
Calcium	44-1	32555	32032	32076	32221	0.90	cps
Carbon	12-1	6605994	6682237	6668905	6652379	0.61	cps
Carbon	12-2	66652	67958	67606	67405	1.00	cps
Chlorine	35-1	986419	952856	953110	964128	2.00	cps
Chlorine	35-2	5243	5693	5643	5526	4.46	cps
Chromium	52-2	940	900	950	930	2.84	cps
Cobalt	59-2	93	93	103	97	5.97	cps
Copper	63-2	1090	997	863	983	11.59	cps
Dysprosium	156-1	8	33	42	28	62.46	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	167	133	192	164	17.86	cps
Erbium	164-2	60	33	73	56	36.66	cps
Gadolinium	160-1	242	250	200	231	11.62	cps
Gadolinium	160-2	70	43	63	59	23.57	cps
Holmium	165-1	26407500	26265709	26306425	26326545	0.28	cps
Holmium	165-2	10675371	10775764	10845402	10765512	0.79	cps
Indium	115-1	23349155	23422267	23152529	23307983	0.60	cps
Indium	115-2	3010621	2909854	2905404	2941959	2.02	cps
Iron	54-2	333	400	433	389	13.09	cps
Iron	56-2	3417	3484	3528	3476	1.61	cps
Iron	57-2	106	111	72	96	21.84	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BL	Instrumnet Name :	P8
Client Sample ID :	PBW782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:35:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	753	693	731	4.50	cps
Lead	206-1	1550	1406	1228	1395	11.57	cps
Lead	207-1	1233	1183	1178	1198	2.55	cps
Lead	208-1	5990	5428	5423	5614	5.80	cps
Lithium	6-1	11782368	11869876	12030154	11894133	1.06	cps
Magnesium	24-2	325	317	308	317	2.63	cps
Manganese	55-2	143	87	140	123	25.78	cps
Molybdenum	94-1	775	675	708	719	7.08	cps
Molybdenum	95-1	100	108	100	103	4.68	cps
Molybdenum	96-1	325	350	233	303	20.29	cps
Molybdenum	97-1	50	50	50	50	0.00	cps
Molybdenum	98-1	133	92	208	144	40.93	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	17	40	53	37	50.61	cps
Phosphorus	31-2	158	183	175	172	7.39	cps
Potassium	39-2	13965	13974	14374	14104	1.66	cps
Rhodium	103-1	22700023	22250735	22495678	22482145	1.00	cps
Rhodium	103-2	9337152	9407443	9199002	9314532	1.14	cps
Scandium	45-1	17637744	16849821	16898816	17128794	2.58	cps
Scandium	45-2	469880	466835	457719	464811	1.36	cps
Selenium	82-1	16	-15	29	10	220.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	29	25	33	29	13.79	cps
Silicon	28-1	352662	352743	351991	352465	0.12	cps
Silver	107-1	392	483	383	419	13.23	cps
Silver	109-1	167	317	350	278	35.16	cps
Sodium	23-2	31844	32253	32921	32339	1.68	cps
Strontium	86-1	1400	1083	1300	1261	12.84	cps
Strontium	88-1	1092	975	1008	1025	5.86	cps
Sulfur	34-1	523591	525030	527929	525517	0.42	cps
Terbium	159-1	28766071	27633916	27408782	27936257	2.60	cps
Terbium	159-2	10776561	10420039	10551283	10582628	1.70	cps
Thallium	203-1	1150	858	1117	1042	15.33	cps
Thallium	205-1	2042	2117	2209	2122	3.93	cps
Tin	118-1	1325	1500	1175	1333	12.20	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BL	Instrumnet Name :	P8
Client Sample ID :	PBW782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:35:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	183	250	267	34.80	cps
Uranium	238-1	25	17	42	28	45.82	cps
Vanadium	51-2	20	13	7	13	49.99	cps
Ytterbium	172-1	83	67	75	75	11.11	cps
Ytterbium	172-2	56	39	28	41	34.32	cps
Ytterbium	176-1	3676	3317	3592	3528	5.32	cps
Ytterbium	176-2	1800	2145	1906	1950	9.05	cps
Yttrium	89-1	35822423	36744964	35560025	36042471	1.73	cps
Yttrium	89-2	3253332	3286125	3247706	3262388	0.64	cps
Zinc	66-2	553	513	613	560	8.99	cps
Zirconium	90-1	2259	2234	2067	2186	4.77	cps
Zirconium	91-1	383	350	408	381	7.69	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : PB138782BS Instrumnet Name : P8
 Client Sample ID : LCS782 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:38:40 DataFile Name : 020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3825	3751	3704	3760	1.63	cps
Antimony	121-1	42559	42893	43194	42882	0.74	cps
Arsenic	75-2	618	571	558	582	5.42	cps
Barium	135-1	52453	52812	53348	52871	0.85	cps
Barium	137-1	92164	93254	91619	92346	0.90	cps
Beryllium	9-1	8081	7991	8409	8160	2.70	cps
Bismuth	209-1	16330636	16845617	16557588	16577947	1.56	cps
Bismuth	209-2	7919070	7800190	7715550	7811603	1.31	cps
Boron	10-1	24073	25641	26993	25569	5.72	cps
Boron	11-1	111889	120861	122852	118534	4.93	cps
Bromine	81-1	10465	9844	9794	10034	3.73	cps
Cadmium	111-1	14111	13885	13675	13890	1.57	cps
Cadmium	106-1	11422	11305	10930	11219	2.29	cps
Cadmium	108-1	546	496	646	563	13.58	cps
Calcium	43-1	42251	42385	42049	42229	0.40	cps
Calcium	44-1	706810	708930	705293	707011	0.26	cps
Carbon	12-1	6995821	6951742	6800916	6916160	1.48	cps
Carbon	12-2	67815	72755	69740	70103	3.55	cps
Chlorine	35-1	839942	825463	835788	833731	0.89	cps
Chlorine	35-2	5043	4859	4626	4843	4.31	cps
Chromium	52-2	14541	14020	14584	14382	2.18	cps
Cobalt	59-2	12342	12152	12192	12229	0.82	cps
Copper	63-2	18285	18182	17828	18098	1.32	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	167	217	175	186	14.39	cps
Erbium	164-2	77	83	80	80	4.16	cps
Gadolinium	160-1	267	242	142	217	30.53	cps
Gadolinium	160-2	37	67	63	56	29.59	cps
Holmium	165-1	26832943	26573600	26465218	26623920	0.71	cps
Holmium	165-2	11055627	10522666	10642473	10740255	2.60	cps
Indium	115-1	23227654	23534522	23339225	23367134	0.66	cps
Indium	115-2	2990675	2860621	3027518	2959604	2.96	cps
Iron	54-2	57850	56656	57388	57298	1.05	cps
Iron	56-2	1049780	1053782	1049185	1050916	0.24	cps
Iron	57-2	25751	25195	24878	25275	1.75	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BS	Instrumnet Name :	P8
Client Sample ID :	LCS782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:38:40	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	737	767	739	3.62	cps
Lead	206-1	17440	17729	17785	17651	1.05	cps
Lead	207-1	16071	15532	16038	15880	1.90	cps
Lead	208-1	70848	70999	71461	71103	0.45	cps
Lithium	6-1	11919234	12392846	11932786	12081622	2.23	cps
Magnesium	24-2	259309	264321	261973	261868	0.96	cps
Manganese	55-2	3197	3187	3294	3226	1.83	cps
Molybdenum	94-1	50367	50869	48744	49993	2.22	cps
Molybdenum	95-1	58390	62316	61327	60678	3.37	cps
Molybdenum	96-1	68218	68562	67305	68028	0.95	cps
Molybdenum	97-1	37777	38153	36875	37602	1.75	cps
Molybdenum	98-1	97182	93709	98398	96430	2.52	cps
Neodymium	150-1	7	40	33	27	66.13	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3440	3510	3474	3475	1.01	cps
Phosphorus	31-2	192	142	183	172	15.55	cps
Potassium	39-2	177627	175408	174396	175811	0.94	cps
Rhodium	103-1	22150300	22195314	22236683	22194099	0.19	cps
Rhodium	103-2	9527617	9240466	9399479	9389187	1.53	cps
Scandium	45-1	17250077	17176381	17196212	17207557	0.22	cps
Scandium	45-2	468837	453280	469460	463859	1.98	cps
Selenium	82-1	2402	2486	2359	2416	2.68	cps
Selenium	77-2	50	53	63	56	12.49	cps
Selenium	78-2	260	256	204	240	13.02	cps
Silicon	28-1	580103	574098	564814	573005	1.34	cps
Silver	107-1	30042	29875	29984	29967	0.28	cps
Silver	109-1	27428	28430	30034	28631	4.59	cps
Sodium	23-2	540878	535395	541524	539266	0.62	cps
Strontium	86-1	10246	9695	9854	9932	2.85	cps
Strontium	88-1	75136	74198	74273	74536	0.70	cps
Sulfur	34-1	528687	534275	534761	532574	0.63	cps
Terbium	159-1	28006700	27788877	27938124	27911234	0.40	cps
Terbium	159-2	10622616	10292244	10585462	10500107	1.72	cps
Thallium	203-1	20016	20550	21760	20775	4.30	cps
Thallium	205-1	49203	51244	49696	50047	2.13	cps
Tin	118-1	96867	96834	97295	96999	0.27	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	PB138782BS	Instrumnet Name :	P8
Client Sample ID :	LCS782	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:38:40	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20190	18571	19923	19561	4.44	cps
Uranium	238-1	60084	61023	59146	60084	1.56	cps
Vanadium	51-2	25780	26274	25924	25993	0.98	cps
Ytterbium	172-1	92	67	58	72	24.02	cps
Ytterbium	172-2	50	28	22	33	44.10	cps
Ytterbium	176-1	3451	3117	3526	3364	6.46	cps
Ytterbium	176-2	2106	2039	1878	2008	5.83	cps
Yttrium	89-1	36603525	36195676	35858064	36219088	1.03	cps
Yttrium	89-2	3281964	3282197	3272642	3278934	0.17	cps
Zinc	66-2	5851	5945	5648	5815	2.61	cps
Zirconium	90-1	43376	41755	42181	42437	1.98	cps
Zirconium	91-1	8895	9528	9428	9284	3.67	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2042	1977	2002	2007	1.63	cps
Antimony	121-1	442	375	358	392	11.26	cps
Arsenic	75-2	5	9	8	7	28.39	cps
Barium	135-1	325	558	458	447	26.18	cps
Barium	137-1	792	883	675	783	13.33	cps
Beryllium	9-1	74	88	70	77	12.22	cps
Bismuth	209-1	18238190	17909078	18162983	18103417	0.95	cps
Bismuth	209-2	8586517	8441382	8403280	8477060	1.14	cps
Boron	10-1	6116	5524	5532	5724	5.93	cps
Boron	11-1	26893	25771	25084	25916	3.52	cps
Bromine	81-1	10234	9333	9102	9556	6.26	cps
Cadmium	111-1	8485	8388	8332	8401	0.92	cps
Cadmium	106-1	11972	11889	11864	11908	0.48	cps
Cadmium	108-1	83	67	63	71	15.56	cps
Calcium	43-1	4003	3874	3659	3845	4.52	cps
Calcium	44-1	88358	87190	87866	87805	0.67	cps
Carbon	12-1	8486501	8618024	8698366	8600964	1.24	cps
Carbon	12-2	87468	88147	87695	87770	0.39	cps
Chlorine	35-1	646612	636650	627632	636964	1.49	cps
Chlorine	35-2	3742	3726	3709	3726	0.45	cps
Chromium	52-2	1227	1223	1297	1249	3.32	cps
Cobalt	59-2	250	260	343	284	18.01	cps
Copper	63-2	2947	2864	2867	2893	1.63	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	208	183	150	181	16.21	cps
Erbium	164-2	63	63	70	66	5.87	cps
Gadolinium	160-1	308	167	317	264	31.95	cps
Gadolinium	160-2	80	73	77	77	4.35	cps
Holmium	165-1	29383723	28694595	29167446	29081921	1.21	cps
Holmium	165-2	11353112	11525064	11314452	11397543	0.98	cps
Indium	115-1	25943139	25237780	25017495	25399471	1.90	cps
Indium	115-2	3156662	3108328	3205554	3156848	1.54	cps
Iron	54-2	1433	1406	1406	1415	1.13	cps
Iron	56-2	21355	21561	22234	21717	2.12	cps
Iron	57-2	550	578	533	554	4.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	803	757	789	3.54	cps
Lead	206-1	4156	3667	3712	3845	7.03	cps
Lead	207-1	3801	3256	3278	3445	8.95	cps
Lead	208-1	16549	15237	15593	15793	4.29	cps
Lithium	6-1	13069447	13036813	13138313	13081524	0.40	cps
Magnesium	24-2	1708	1600	1784	1697	5.43	cps
Manganese	55-2	1510	1577	1757	1615	7.90	cps
Molybdenum	94-1	1075	892	875	947	11.72	cps
Molybdenum	95-1	133	100	208	147	37.69	cps
Molybdenum	96-1	375	292	400	356	15.95	cps
Molybdenum	97-1	192	58	100	117	58.47	cps
Molybdenum	98-1	300	300	283	294	3.27	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	837	900	840	859	4.15	cps
Phosphorus	31-2	133	125	192	150	24.22	cps
Potassium	39-2	23061	22727	23236	23008	1.12	cps
Rhodium	103-1	24974465	23800582	24272411	24349153	2.43	cps
Rhodium	103-2	10227414	9961774	10036914	10075367	1.36	cps
Scandium	45-1	18435883	18334161	18422958	18397667	0.30	cps
Scandium	45-2	502910	499045	501015	500990	0.39	cps
Selenium	82-1	-1	-73	7	-23	-194.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	18	39	21	26	43.68	cps
Silicon	28-1	424074	426555	431200	427276	0.85	cps
Silver	107-1	467	417	300	394	21.68	cps
Silver	109-1	258	208	200	222	14.20	cps
Sodium	23-2	61187	60442	60818	60816	0.61	cps
Strontium	86-1	1950	2217	1792	1986	10.82	cps
Strontium	88-1	8086	7994	7586	7889	3.38	cps
Sulfur	34-1	540943	540917	547976	543279	0.75	cps
Terbium	159-1	30554620	30531881	30232118	30439540	0.59	cps
Terbium	159-2	11779721	11288689	11202282	11423564	2.73	cps
Thallium	203-1	950	733	817	833	13.12	cps
Thallium	205-1	2392	2267	2009	2222	8.80	cps
Tin	118-1	6001	6619	6510	6377	5.17	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-01	Instrumnet Name :	P8
Client Sample ID :	JCEW0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:41:43	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	375	208	294	28.35	cps
Uranium	238-1	83	42	58	61	34.32	cps
Vanadium	51-2	63	47	60	57	15.56	cps
Ytterbium	172-1	75	67	50	64	19.92	cps
Ytterbium	172-2	28	33	33	31	10.18	cps
Ytterbium	176-1	3792	3951	3584	3776	4.87	cps
Ytterbium	176-2	1945	2228	2011	2061	7.19	cps
Yttrium	89-1	39745054	40023833	38813165	39527351	1.60	cps
Yttrium	89-2	3532891	3486348	3487763	3502334	0.76	cps
Zinc	66-2	8059	8026	8082	8056	0.35	cps
Zirconium	90-1	2642	2725	2709	2692	1.64	cps
Zirconium	91-1	467	558	458	494	11.22	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6306	6301	6453	6353	1.36	cps
Antimony	121-1	358	483	608	483	25.86	cps
Arsenic	75-2	177	178	203	186	7.92	cps
Barium	135-1	15251	15559	15092	15301	1.55	cps
Barium	137-1	26259	25758	27203	26407	2.78	cps
Beryllium	9-1	64	74	78	72	10.02	cps
Bismuth	209-1	16521138	16645441	16470068	16545549	0.55	cps
Bismuth	209-2	7775492	7916547	7904109	7865382	0.99	cps
Boron	10-1	10580	11076	10846	10834	2.29	cps
Boron	11-1	47563	49335	48394	48431	1.83	cps
Bromine	81-1	12969	12999	14563	13511	6.75	cps
Cadmium	111-1	7451	6989	6852	7097	4.42	cps
Cadmium	106-1	10696	9987	9804	10162	4.64	cps
Cadmium	108-1	88	63	75	75	16.67	cps
Calcium	43-1	558504	555214	556560	556759	0.30	cps
Calcium	44-1	9259495	9054786	9099067	9137783	1.18	cps
Carbon	12-1	9139790	9707936	10362298	9736675	6.28	cps
Carbon	12-2	110967	111463	114168	112199	1.54	cps
Chlorine	35-1	696578	676155	679203	683979	1.61	cps
Chlorine	35-2	4217	3792	3967	3992	5.35	cps
Chromium	52-2	1723	1607	1577	1636	4.74	cps
Cobalt	59-2	527	483	507	506	4.29	cps
Copper	63-2	3877	3747	3684	3769	2.62	cps
Dysprosium	156-1	233	183	192	203	13.21	cps
Dysprosium	156-2	63	63	77	68	11.36	cps
Erbium	164-1	350	367	283	333	13.23	cps
Erbium	164-2	157	113	123	131	17.30	cps
Gadolinium	160-1	325	300	317	314	4.06	cps
Gadolinium	160-2	107	107	150	121	20.66	cps
Holmium	165-1	27669142	26441632	26315759	26808844	2.79	cps
Holmium	165-2	10775634	10814019	10790485	10793379	0.18	cps
Indium	115-1	23457251	23190387	22719282	23122307	1.62	cps
Indium	115-2	2960056	2952657	2925598	2946104	0.62	cps
Iron	54-2	22240	22429	21984	22218	1.01	cps
Iron	56-2	411968	419690	406315	412658	1.63	cps
Iron	57-2	10287	10448	9976	10237	2.35	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	677	657	690	6.03	cps
Lead	206-1	1372	1278	1250	1300	4.93	cps
Lead	207-1	1117	1128	1272	1172	7.40	cps
Lead	208-1	5106	5406	5073	5195	3.53	cps
Lithium	6-1	12638212	12008412	11761430	12136018	3.73	cps
Magnesium	24-2	750529	751133	748634	750099	0.17	cps
Manganese	55-2	17437	17895	17324	17552	1.72	cps
Molybdenum	94-1	1375	1058	1092	1175	14.81	cps
Molybdenum	95-1	367	367	325	353	6.82	cps
Molybdenum	96-1	550	592	542	561	4.77	cps
Molybdenum	97-1	258	325	242	275	16.04	cps
Molybdenum	98-1	733	758	658	717	7.26	cps
Neodymium	150-1	187	300	227	238	24.17	cps
Neodymium	150-2	53	43	83	60	34.70	cps
Nickel	60-2	327	280	303	303	7.69	cps
Phosphorus	31-2	225	308	233	256	17.96	cps
Potassium	39-2	88077	86770	89235	88028	1.40	cps
Rhodium	103-1	22677413	22067049	21518421	22087628	2.62	cps
Rhodium	103-2	9340477	9343312	9367729	9350506	0.16	cps
Scandium	45-1	17042981	16572215	16690864	16768687	1.46	cps
Scandium	45-2	461339	454399	459173	458304	0.77	cps
Selenium	82-1	-13	27	29	14	163.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	29	23	28	17.76	cps
Silicon	28-1	76400589	75359902	74469389	75409960	1.28	cps
Silver	107-1	233	292	267	264	11.09	cps
Silver	109-1	133	208	217	186	24.66	cps
Sodium	23-2	2937957	2958474	2896874	2931102	1.07	cps
Strontium	86-1	334601	336781	345298	338893	1.67	cps
Strontium	88-1	3023723	3052763	3066881	3047789	0.72	cps
Sulfur	34-1	523672	506447	504044	511387	2.09	cps
Terbium	159-1	28817240	28420121	28403728	28547030	0.82	cps
Terbium	159-2	10788423	10736688	10690081	10738397	0.46	cps
Thallium	203-1	667	600	717	661	8.85	cps
Thallium	205-1	1417	1625	1408	1483	8.28	cps
Tin	118-1	19181	19631	19723	19512	1.49	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-02	Instrumnet Name :	P8
Client Sample ID :	JCEW2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:44:44	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3567	3667	3526	3587	2.03	cps
Uranium	238-1	142	83	150	125	29.06	cps
Vanadium	51-2	2040	2110	2134	2095	2.32	cps
Ytterbium	172-1	117	125	117	119	4.03	cps
Ytterbium	172-2	50	94	78	74	30.31	cps
Ytterbium	176-1	3359	3742	3384	3495	6.14	cps
Ytterbium	176-2	2067	1984	1889	1980	4.49	cps
Yttrium	89-1	36361524	35929626	35204839	35831996	1.63	cps
Yttrium	89-2	3195353	3227114	3196385	3206284	0.56	cps
Zinc	66-2	1780	1883	2004	1889	5.92	cps
Zirconium	90-1	3075	4240	3084	3466	19.33	cps
Zirconium	91-1	558	550	517	542	4.07	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : M3567-03 Instrumnet Name : P8
 Client Sample ID : JCEW5 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 14:47:43 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8360	8370	8622	8451	1.75	cps
Antimony	121-1	708	658	875	747	15.18	cps
Arsenic	75-2	579	569	584	577	1.32	cps
Barium	135-1	23337	23220	22720	23092	1.42	cps
Barium	137-1	39416	40135	40152	39901	1.05	cps
Beryllium	9-1	86	90	74	83	9.99	cps
Bismuth	209-1	16823649	16481579	16703567	16669599	1.04	cps
Bismuth	209-2	8021037	8003828	7938604	7987823	0.54	cps
Boron	10-1	15383	16588	16522	16164	4.19	cps
Boron	11-1	72430	75795	76953	75059	3.13	cps
Bromine	81-1	18612	20195	21769	20192	7.82	cps
Cadmium	111-1	7468	7143	7326	7312	2.22	cps
Cadmium	106-1	10713	10246	10471	10477	2.23	cps
Cadmium	108-1	104	113	71	96	23.01	cps
Calcium	43-1	514516	515657	516156	515443	0.16	cps
Calcium	44-1	8264113	8466608	8341972	8357564	1.22	cps
Carbon	12-1	9924023	10620147	11038558	10527576	5.35	cps
Carbon	12-2	115318	114790	116770	115626	0.89	cps
Chlorine	35-1	661717	661035	651838	658197	0.84	cps
Chlorine	35-2	3784	4084	4059	3976	4.19	cps
Chromium	52-2	1530	1300	1540	1457	9.32	cps
Cobalt	59-2	707	693	697	699	0.99	cps
Copper	63-2	4751	5031	4954	4912	2.95	cps
Dysprosium	156-1	250	175	242	222	18.50	cps
Dysprosium	156-2	120	127	123	123	2.70	cps
Erbium	164-1	442	392	492	442	11.32	cps
Erbium	164-2	183	167	193	181	7.44	cps
Gadolinium	160-1	500	508	383	464	15.07	cps
Gadolinium	160-2	197	193	150	180	14.46	cps
Holmium	165-1	27345353	27086553	27541063	27324323	0.83	cps
Holmium	165-2	10841726	10868454	10803508	10837896	0.30	cps
Indium	115-1	23765880	23380075	23419740	23521898	0.90	cps
Indium	115-2	2950140	2991632	2984333	2975368	0.74	cps
Iron	54-2	25612	25841	26041	25831	0.83	cps
Iron	56-2	468032	461218	470476	466575	1.03	cps
Iron	57-2	11282	11599	11038	11307	2.49	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03	Instrumnet Name :	P8
Client Sample ID :	JCEW5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:47:43	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	640	717	687	5.97	cps
Lead	206-1	1467	1622	1378	1489	8.31	cps
Lead	207-1	1233	1139	1295	1222	6.41	cps
Lead	208-1	5862	5478	5606	5649	3.46	cps
Lithium	6-1	12061776	11966536	11903271	11977194	0.67	cps
Magnesium	24-2	739246	737893	732555	736565	0.48	cps
Manganese	55-2	27406	27193	26642	27080	1.46	cps
Molybdenum	94-1	1292	1425	1484	1400	7.02	cps
Molybdenum	95-1	475	525	583	528	10.27	cps
Molybdenum	96-1	675	783	700	719	7.88	cps
Molybdenum	97-1	258	375	325	319	18.32	cps
Molybdenum	98-1	900	917	750	856	10.73	cps
Neodymium	150-1	420	340	393	384	10.60	cps
Neodymium	150-2	110	113	117	113	2.94	cps
Nickel	60-2	370	340	423	378	11.17	cps
Phosphorus	31-2	258	167	233	219	21.59	cps
Potassium	39-2	92303	92798	92605	92569	0.27	cps
Rhodium	103-1	22275056	22379326	22063522	22239301	0.72	cps
Rhodium	103-2	9475581	9556689	9444619	9492296	0.61	cps
Scandium	45-1	17025957	16796756	17098123	16973612	0.93	cps
Scandium	45-2	463524	464439	464613	464192	0.13	cps
Selenium	82-1	-10	38	24	17	142.47	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	35	32	17	28	34.44	cps
Silicon	28-1	64023454	64180881	64750466	64318267	0.59	cps
Silver	107-1	267	300	217	261	16.06	cps
Silver	109-1	142	125	67	111	35.44	cps
Sodium	23-2	3209595	3146556	3177214	3177789	0.99	cps
Strontium	86-1	347725	339674	344448	343949	1.18	cps
Strontium	88-1	2945822	3001076	3051383	2999427	1.76	cps
Sulfur	34-1	550324	552274	552899	551832	0.24	cps
Terbium	159-1	28901339	28002730	27831469	28245179	2.03	cps
Terbium	159-2	10715100	10907111	10635591	10752601	1.30	cps
Thallium	203-1	550	542	608	567	6.41	cps
Thallium	205-1	1333	1533	1475	1447	7.11	cps
Tin	118-1	21417	21442	21751	21537	0.86	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03	Instrumnet Name :	P8
Client Sample ID :	JCEW5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:47:43	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6419	6102	9344	7288	24.53	cps
Uranium	238-1	108	125	100	111	11.46	cps
Vanadium	51-2	3514	3614	3594	3574	1.48	cps
Ytterbium	172-1	175	142	150	156	11.15	cps
Ytterbium	172-2	106	61	72	80	29.05	cps
Ytterbium	176-1	3401	3659	3442	3501	3.96	cps
Ytterbium	176-2	2045	2067	2211	2108	4.29	cps
Yttrium	89-1	35809117	36257762	36625534	36230804	1.13	cps
Yttrium	89-2	3289937	3253648	3234022	3259203	0.87	cps
Zinc	66-2	1243	1263	1317	1275	2.97	cps
Zirconium	90-1	6170	4385	2950	4502	35.83	cps
Zirconium	91-1	742	667	567	658	13.34	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7080	7042	7070	7064	0.28	cps
Antimony	121-1	742	758	833	778	6.28	cps
Arsenic	75-2	601	591	575	589	2.23	cps
Barium	135-1	23563	22887	22970	23140	1.59	cps
Barium	137-1	42785	40161	40679	41208	3.37	cps
Beryllium	9-1	84	82	64	77	14.36	cps
Bismuth	209-1	16848412	17323659	17929424	17367165	3.12	cps
Bismuth	209-2	7711667	8368608	8210976	8097083	4.24	cps
Boron	10-1	15785	16426	17433	16548	5.02	cps
Boron	11-1	72944	77576	79626	76715	4.46	cps
Bromine	81-1	19463	19674	20837	19991	3.70	cps
Cadmium	111-1	7444	7350	7270	7355	1.18	cps
Cadmium	106-1	10671	10546	10446	10554	1.07	cps
Cadmium	108-1	96	100	125	107	14.75	cps
Calcium	43-1	528196	527370	527784	527783	0.08	cps
Calcium	44-1	8631125	8501356	8618927	8583803	0.83	cps
Carbon	12-1	10345119	11023184	11237970	10868757	4.29	cps
Carbon	12-2	123525	119888	121644	121686	1.49	cps
Chlorine	35-1	666344	662854	651512	660237	1.17	cps
Chlorine	35-2	3942	3584	3601	3709	5.45	cps
Chromium	52-2	1373	1483	1353	1403	4.99	cps
Cobalt	59-2	680	630	633	648	4.32	cps
Copper	63-2	5144	4888	4894	4975	2.94	cps
Dysprosium	156-1	250	258	358	289	20.87	cps
Dysprosium	156-2	153	127	97	126	22.58	cps
Erbium	164-1	433	392	483	436	10.52	cps
Erbium	164-2	167	140	147	151	9.18	cps
Gadolinium	160-1	558	483	525	522	7.20	cps
Gadolinium	160-2	180	253	180	204	20.71	cps
Holmium	165-1	27166537	27270289	27926207	27454344	1.50	cps
Holmium	165-2	10323099	11309076	11156223	10929466	4.86	cps
Indium	115-1	23735205	23547481	23815181	23699289	0.58	cps
Indium	115-2	2892522	3037690	3005976	2978729	2.56	cps
Iron	54-2	24751	24416	23892	24353	1.78	cps
Iron	56-2	443071	445584	436353	441670	1.08	cps
Iron	57-2	10821	10654	11555	11010	4.35	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	653	657	670	3.89	cps
Lead	206-1	1406	1389	1250	1348	6.34	cps
Lead	207-1	1222	1283	1267	1257	2.51	cps
Lead	208-1	5601	5439	5456	5499	1.61	cps
Lithium	6-1	12307569	12562273	12246016	12371953	1.36	cps
Magnesium	24-2	743334	735887	750556	743259	0.99	cps
Manganese	55-2	28028	27223	27864	27705	1.54	cps
Molybdenum	94-1	1400	1267	1325	1331	5.02	cps
Molybdenum	95-1	533	433	542	503	11.99	cps
Molybdenum	96-1	775	808	733	772	4.87	cps
Molybdenum	97-1	383	342	283	336	14.94	cps
Molybdenum	98-1	917	842	758	839	9.44	cps
Neodymium	150-1	327	420	387	378	12.52	cps
Neodymium	150-2	117	93	113	108	11.71	cps
Nickel	60-2	423	467	387	426	9.41	cps
Phosphorus	31-2	258	200	375	278	32.08	cps
Potassium	39-2	94870	92044	93569	93494	1.51	cps
Rhodium	103-1	22142700	22801280	23010982	22651654	2.00	cps
Rhodium	103-2	9255728	9558177	9624373	9479426	2.07	cps
Scandium	45-1	16711776	17299255	17779958	17263663	3.10	cps
Scandium	45-2	441002	471690	463491	458728	3.46	cps
Selenium	82-1	-27	33	43	16	228.86	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	34	22	21	26	28.19	cps
Silicon	28-1	65566547	64357518	64568260	64830775	1.00	cps
Silver	107-1	242	300	242	261	12.90	cps
Silver	109-1	158	150	117	142	15.56	cps
Sodium	23-2	3335162	3168976	3274750	3259629	2.58	cps
Strontium	86-1	351547	348093	342378	347339	1.33	cps
Strontium	88-1	3118552	3117303	3136120	3123992	0.34	cps
Sulfur	34-1	565688	555828	553939	558485	1.13	cps
Terbium	159-1	28794990	29180524	27980608	28652041	2.14	cps
Terbium	159-2	10283667	11065837	11119251	10822918	4.32	cps
Thallium	203-1	500	508	467	492	4.48	cps
Thallium	205-1	1275	1367	1167	1270	7.89	cps
Tin	118-1	21100	19873	20791	20588	3.10	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-04	Instrumnet Name :	P8
Client Sample ID :	JCEW5D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:50:41	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4993	5343	5435	5257	4.44	cps
Uranium	238-1	150	125	133	136	9.36	cps
Vanadium	51-2	3497	3574	3544	3538	1.09	cps
Ytterbium	172-1	167	125	192	161	20.90	cps
Ytterbium	172-2	56	83	78	72	20.35	cps
Ytterbium	176-1	3442	3467	3351	3420	1.80	cps
Ytterbium	176-2	1717	2028	2117	1954	10.75	cps
Yttrium	89-1	37139069	37393394	36460220	36997561	1.30	cps
Yttrium	89-2	3150125	3318436	3383840	3284133	3.67	cps
Zinc	66-2	1310	1287	1167	1255	6.13	cps
Zirconium	90-1	3050	3284	2950	3095	5.53	cps
Zirconium	91-1	550	700	675	642	12.53	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : M3567-03LX5 Instrumnet Name : P8
 Client Sample ID : JCEW5L Dilution Factor : 5
 Date & Time Acquired :: 2021-08-30 14:53:41 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1952	1691	1916	1853	7.64	cps
Antimony	121-1	350	333	275	319	12.33	cps
Arsenic	75-2	133	104	113	117	12.72	cps
Barium	135-1	4901	4401	4826	4709	5.73	cps
Barium	137-1	7794	8486	8728	8336	5.81	cps
Beryllium	9-1	50	52	52	51	2.25	cps
Bismuth	209-1	17061976	17547679	17091117	17233591	1.58	cps
Bismuth	209-2	7855422	8008067	8057621	7973703	1.32	cps
Boron	10-1	6698	6652	7086	6812	3.50	cps
Boron	11-1	30443	30433	31473	30783	1.94	cps
Bromine	81-1	14022	13040	13540	13534	3.63	cps
Cadmium	111-1	7958	7603	7458	7673	3.35	cps
Cadmium	106-1	11380	10913	10721	11005	3.08	cps
Cadmium	108-1	83	129	150	121	28.23	cps
Calcium	43-1	103104	103714	102757	103192	0.47	cps
Calcium	44-1	1743317	1731282	1774252	1749617	1.27	cps
Carbon	12-1	8529515	8708185	8839504	8692401	1.79	cps
Carbon	12-2	86731	86723	84234	85896	1.68	cps
Chlorine	35-1	587043	577617	579587	581416	0.86	cps
Chlorine	35-2	3425	3317	3367	3370	1.61	cps
Chromium	52-2	987	1083	1047	1039	4.70	cps
Cobalt	59-2	167	210	207	194	12.40	cps
Copper	63-2	1820	1883	1820	1841	1.99	cps
Dysprosium	156-1	58	75	42	58	28.57	cps
Dysprosium	156-2	17	27	23	22	22.91	cps
Erbium	164-1	275	208	275	253	15.23	cps
Erbium	164-2	67	100	77	81	21.09	cps
Gadolinium	160-1	342	350	375	356	4.88	cps
Gadolinium	160-2	100	100	90	97	5.97	cps
Holmium	165-1	28765481	27903542	27916042	28195022	1.75	cps
Holmium	165-2	10788232	11038005	10774748	10866995	1.36	cps
Indium	115-1	24583240	24429053	23832092	24281462	1.63	cps
Indium	115-2	2974514	2950837	2988143	2971165	0.64	cps
Iron	54-2	5112	5296	5234	5214	1.79	cps
Iron	56-2	93366	92912	91604	92627	0.99	cps
Iron	57-2	2345	2422	2328	2365	2.13	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW5L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 14:53:41	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	740	780	741	5.17	cps
Lead	206-1	1328	1278	1389	1332	4.18	cps
Lead	207-1	1078	1217	967	1087	11.52	cps
Lead	208-1	5045	4967	4917	4976	1.29	cps
Lithium	6-1	12274789	12248594	13024867	12516083	3.52	cps
Magnesium	24-2	145767	146635	140962	144455	2.12	cps
Manganese	55-2	5361	5404	5371	5379	0.42	cps
Molybdenum	94-1	1017	808	850	892	12.37	cps
Molybdenum	95-1	150	75	158	128	35.92	cps
Molybdenum	96-1	267	383	333	328	17.86	cps
Molybdenum	97-1	108	67	108	94	25.47	cps
Molybdenum	98-1	242	200	258	233	12.88	cps
Neodymium	150-1	133	67	67	89	43.30	cps
Neodymium	150-2	20	13	27	20	33.35	cps
Nickel	60-2	140	110	133	128	12.33	cps
Phosphorus	31-2	183	133	183	167	17.32	cps
Potassium	39-2	28796	28645	28704	28715	0.26	cps
Rhodium	103-1	23144553	23290910	22893979	23109814	0.87	cps
Rhodium	103-2	9416824	9450167	9603212	9490068	1.05	cps
Scandium	45-1	17117000	17591668	17743790	17484153	1.87	cps
Scandium	45-2	464645	462778	463874	463765	0.20	cps
Selenium	82-1	-9	-31	-54	-31	-71.28	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	22	27	33	27	20.15	cps
Silicon	28-1	13080710	13129592	12985923	13065408	0.56	cps
Silver	107-1	267	258	158	228	26.47	cps
Silver	109-1	108	75	83	89	19.52	cps
Sodium	23-2	656248	649767	642442	649486	1.06	cps
Strontium	86-1	72011	69449	68477	69979	2.61	cps
Strontium	88-1	594977	583114	590538	589543	1.02	cps
Sulfur	34-1	541921	532263	535670	536618	0.91	cps
Terbium	159-1	28839689	28971565	28882825	28898026	0.23	cps
Terbium	159-2	10614003	10850650	10831288	10765314	1.22	cps
Thallium	203-1	525	533	358	472	20.91	cps
Thallium	205-1	1258	1075	1267	1200	9.03	cps
Tin	118-1	5401	5585	5109	5365	4.47	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-03LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW5L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 14:53:41	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1417	1450	1934	1600	18.09	cps
Uranium	238-1	50	75	42	56	31.22	cps
Vanadium	51-2	637	757	630	674	10.57	cps
Ytterbium	172-1	67	100	67	78	24.74	cps
Ytterbium	172-2	33	78	50	54	41.81	cps
Ytterbium	176-1	3817	3684	3701	3734	1.95	cps
Ytterbium	176-2	2072	2061	2039	2058	0.82	cps
Yttrium	89-1	36245543	37706971	36566500	36839671	2.08	cps
Yttrium	89-2	3236602	3241763	3267032	3248466	0.50	cps
Zinc	66-2	627	647	717	663	7.12	cps
Zirconium	90-1	2434	2492	2300	2409	4.08	cps
Zirconium	91-1	517	475	492	494	4.24	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179679	179712	178033	179142	0.54	cps
Antimony	121-1	1160655	1183103	1166907	1170222	0.99	cps
Arsenic	75-2	13051	13108	12845	13002	1.07	cps
Barium	135-1	5634872	5885471	5731323	5750556	2.20	cps
Barium	137-1	9667905	9832117	9742428	9747483	0.84	cps
Beryllium	9-1	211470	213886	214120	213159	0.69	cps
Bismuth	209-1	17179048	17272686	17342949	17264894	0.48	cps
Bismuth	209-2	7925220	7869003	7885008	7893077	0.37	cps
Boron	10-1	14576	14973	15175	14908	2.04	cps
Boron	11-1	66921	69106	70687	68904	2.74	cps
Bromine	81-1	13500	13160	13851	13504	2.56	cps
Cadmium	111-1	171013	167985	172328	170442	1.31	cps
Cadmium	106-1	25524	24088	24397	24670	3.06	cps
Cadmium	108-1	10842	11080	10300	10740	3.72	cps
Calcium	43-1	510993	509553	509371	509972	0.17	cps
Calcium	44-1	8450531	8325303	8117830	8297888	2.03	cps
Carbon	12-1	10205380	10457559	10836087	10499675	3.02	cps
Carbon	12-2	114536	116342	119845	116907	2.31	cps
Chlorine	35-1	5552180	6639060	7588782	6593341	15.46	cps
Chlorine	35-2	58042	63925	66822	62930	7.11	cps
Chromium	52-2	675693	671722	668314	671910	0.55	cps
Cobalt	59-2	3178761	3222270	3183667	3194899	0.75	cps
Copper	63-2	1202347	1207866	1208145	1206120	0.27	cps
Dysprosium	156-1	317	408	408	378	14.01	cps
Dysprosium	156-2	117	177	123	139	23.68	cps
Erbium	164-1	283	308	383	325	16.01	cps
Erbium	164-2	147	130	177	151	15.65	cps
Gadolinium	160-1	433	450	592	492	17.70	cps
Gadolinium	160-2	193	230	233	219	10.14	cps
Holmium	165-1	27637924	28191085	28352645	28060551	1.34	cps
Holmium	165-2	10660113	10940568	10856116	10818932	1.33	cps
Indium	115-1	24422285	23559588	23751771	23911215	1.89	cps
Indium	115-2	2860774	2918888	2896296	2891986	1.01	cps
Iron	54-2	192424	191496	190832	191584	0.42	cps
Iron	56-2	3220854	3241710	3237671	3233412	0.34	cps
Iron	57-2	75521	78678	76806	77002	2.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	733	667	706	4.92	cps
Lead	206-1	185400	185013	184482	184965	0.25	cps
Lead	207-1	151940	156857	153265	154021	1.65	cps
Lead	208-1	711577	736826	714744	721049	1.91	cps
Lithium	6-1	12392866	12409267	12128252	12310128	1.28	cps
Magnesium	24-2	720575	722059	703699	715444	1.43	cps
Manganese	55-2	797738	797090	785450	793426	0.87	cps
Molybdenum	94-1	1550	1350	1642	1514	9.85	cps
Molybdenum	95-1	917	800	742	819	10.87	cps
Molybdenum	96-1	1092	1067	1292	1150	10.72	cps
Molybdenum	97-1	325	483	525	444	23.74	cps
Molybdenum	98-1	1250	1242	1283	1258	1.75	cps
Neodymium	150-1	647	667	527	613	12.35	cps
Neodymium	150-2	97	73	120	97	24.14	cps
Nickel	60-2	867328	868946	855417	863897	0.86	cps
Phosphorus	31-2	308	308	225	281	17.15	cps
Potassium	39-2	88991	87658	88580	88410	0.77	cps
Rhodium	103-1	22356493	22240294	22569532	22388773	0.75	cps
Rhodium	103-2	9396731	9411556	9327945	9378744	0.48	cps
Scandium	45-1	17519908	17315395	16634894	17156732	2.70	cps
Scandium	45-2	460510	457100	455439	457683	0.56	cps
Selenium	82-1	25699	25500	25597	25599	0.39	cps
Selenium	77-2	530	577	580	562	4.97	cps
Selenium	78-2	2075	2111	2091	2093	0.86	cps
Silicon	28-1	65296993	62281889	62954835	63511239	2.49	cps
Silver	107-1	806250	817545	807831	810542	0.75	cps
Silver	109-1	782573	776665	787108	782115	0.67	cps
Sodium	23-2	3150788	3108873	3085099	3114920	1.07	cps
Strontium	86-1	340274	345028	340946	342083	0.75	cps
Strontium	88-1	3004133	3000665	3008997	3004598	0.14	cps
Sulfur	34-1	553970	542830	526482	541094	2.56	cps
Terbium	159-1	29100944	28950694	28180954	28744197	1.72	cps
Terbium	159-2	10630846	10795230	10751543	10725873	0.79	cps
Thallium	203-1	548404	570745	550191	556447	2.23	cps
Thallium	205-1	1334900	1344699	1345689	1341763	0.44	cps
Tin	118-1	22903	22528	22486	22639	1.01	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-05	Instrumnet Name :	P8
Client Sample ID :	JCEW5S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:56:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6204	5259	6270	5911	9.57	cps
Uranium	238-1	217	183	175	192	11.50	cps
Vanadium	51-2	1344576	1312342	1341261	1332726	1.33	cps
Ytterbium	172-1	133	117	133	128	7.53	cps
Ytterbium	172-2	67	67	39	57	27.94	cps
Ytterbium	176-1	3859	3884	3184	3642	10.91	cps
Ytterbium	176-2	1834	1978	1911	1908	3.79	cps
Yttrium	89-1	36623987	36344813	36340273	36436358	0.45	cps
Yttrium	89-2	3198665	3178640	3263903	3213736	1.39	cps
Zinc	66-2	281743	281328	277431	280167	0.85	cps
Zirconium	90-1	3759	6049	3526	4445	31.37	cps
Zirconium	91-1	925	850	617	797	20.18	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2215	1857	1979	2017	9.01	cps
Antimony	121-1	433	458	383	425	8.99	cps
Arsenic	75-2	138	147	138	141	3.69	cps
Barium	135-1	15693	15476	15201	15456	1.60	cps
Barium	137-1	27746	27837	26234	27272	3.30	cps
Beryllium	9-1	80	68	92	80	15.00	cps
Bismuth	209-1	17149966	16850131	17787433	17262510	2.77	cps
Bismuth	209-2	7726943	7754834	7635048	7705608	0.81	cps
Boron	10-1	14875	15787	16428	15697	4.97	cps
Boron	11-1	68342	72463	74651	71819	4.46	cps
Bromine	81-1	14422	14262	15665	14783	5.19	cps
Cadmium	111-1	7190	7546	7438	7391	2.47	cps
Cadmium	106-1	10254	10754	10596	10535	2.43	cps
Cadmium	108-1	67	46	54	56	18.88	cps
Calcium	43-1	427596	432291	428247	429378	0.59	cps
Calcium	44-1	6986403	7014029	6944477	6981636	0.50	cps
Carbon	12-1	9955966	10145625	10678429	10260007	3.65	cps
Carbon	12-2	109357	112505	114814	112225	2.44	cps
Chlorine	35-1	2958348	2791200	2624180	2791243	5.99	cps
Chlorine	35-2	14991	13298	12522	13604	9.28	cps
Chromium	52-2	1913	1903	1833	1883	2.31	cps
Cobalt	59-2	447	457	527	477	9.14	cps
Copper	63-2	3294	3340	3337	3324	0.78	cps
Dysprosium	156-1	67	75	108	83	26.46	cps
Dysprosium	156-2	43	37	70	50	35.28	cps
Erbium	164-1	233	258	233	242	5.97	cps
Erbium	164-2	100	107	93	100	6.67	cps
Gadolinium	160-1	342	283	367	331	12.94	cps
Gadolinium	160-2	100	107	90	99	8.48	cps
Holmium	165-1	26971985	26991085	27363241	27108770	0.81	cps
Holmium	165-2	10741869	10612383	10481954	10612069	1.22	cps
Indium	115-1	23788717	23770187	23669021	23742642	0.27	cps
Indium	115-2	2844071	2827385	2795954	2822470	0.87	cps
Iron	54-2	4890	4590	4534	4671	4.10	cps
Iron	56-2	82739	81934	80247	81640	1.56	cps
Iron	57-2	2239	1878	2039	2052	8.82	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	620	620	632	3.35	cps
Lead	206-1	1317	1389	1295	1333	3.70	cps
Lead	207-1	1045	1250	1222	1172	9.51	cps
Lead	208-1	5351	5406	5278	5345	1.20	cps
Lithium	6-1	11823671	11733345	11741420	11766145	0.42	cps
Magnesium	24-2	653583	642127	648664	648125	0.89	cps
Manganese	55-2	6445	6265	6542	6417	2.19	cps
Molybdenum	94-1	1217	1192	1258	1222	2.76	cps
Molybdenum	95-1	650	550	600	600	8.33	cps
Molybdenum	96-1	875	808	967	883	9.00	cps
Molybdenum	97-1	308	350	408	356	14.13	cps
Molybdenum	98-1	1042	933	900	958	7.73	cps
Neodymium	150-1	107	180	140	142	25.82	cps
Neodymium	150-2	47	13	30	30	55.57	cps
Nickel	60-2	1610	1600	1633	1615	1.06	cps
Phosphorus	31-2	258	292	325	292	11.43	cps
Potassium	39-2	90098	86241	89033	88458	2.25	cps
Rhodium	103-1	22106706	22122897	22570628	22266744	1.18	cps
Rhodium	103-2	9128465	9080455	8983245	9064055	0.82	cps
Scandium	45-1	16950492	16952822	17030686	16978000	0.27	cps
Scandium	45-2	448969	451951	441110	447344	1.25	cps
Selenium	82-1	0	31	47	26	91.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	27	19	27	28.15	cps
Silicon	28-1	68955006	66196910	66904647	67352188	2.13	cps
Silver	107-1	675	767	750	731	6.68	cps
Silver	109-1	683	517	550	583	15.12	cps
Sodium	23-2	2865325	2855482	2834370	2851725	0.55	cps
Strontium	86-1	253190	253355	261952	256165	1.96	cps
Strontium	88-1	2266481	2303484	2261362	2277109	1.01	cps
Sulfur	34-1	494317	493587	494905	494270	0.13	cps
Terbium	159-1	28243636	28235734	29334959	28604776	2.21	cps
Terbium	159-2	10608638	10351662	10466044	10475448	1.23	cps
Thallium	203-1	717	625	600	647	9.49	cps
Thallium	205-1	1533	1367	1450	1450	5.75	cps
Tin	118-1	20650	21935	21217	21267	3.03	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-06	Instrumnet Name :	P8
Client Sample ID :	JCEW7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 14:59:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6204	2134	3547	3962	52.17	cps
Uranium	238-1	92	92	33	72	46.64	cps
Vanadium	51-2	3117	3077	3204	3133	2.07	cps
Ytterbium	172-1	117	117	58	97	34.64	cps
Ytterbium	172-2	67	67	6	46	76.20	cps
Ytterbium	176-1	3492	3601	3217	3437	5.75	cps
Ytterbium	176-2	1911	2167	1906	1995	7.48	cps
Yttrium	89-1	36274633	36559447	36634201	36489427	0.52	cps
Yttrium	89-2	3149525	3174345	3152205	3158692	0.43	cps
Zinc	66-2	3034	3024	3034	3030	0.19	cps
Zirconium	90-1	2367	2709	2475	2517	6.94	cps
Zirconium	91-1	467	483	542	497	7.92	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2360	2329	2225	2304	3.07	cps
Antimony	121-1	283	317	275	292	7.56	cps
Arsenic	75-2	86	91	90	89	2.97	cps
Barium	135-1	11305	10738	9879	10641	6.75	cps
Barium	137-1	18455	18388	18555	18466	0.46	cps
Beryllium	9-1	58	54	68	60	12.02	cps
Bismuth	209-1	17148441	16709234	16763491	16873722	1.42	cps
Bismuth	209-2	8193866	7776458	8081866	8017397	2.69	cps
Boron	10-1	14266	14324	14528	14373	0.96	cps
Boron	11-1	63480	66570	67151	65734	3.00	cps
Bromine	81-1	14031	14813	14753	14533	2.99	cps
Cadmium	111-1	7013	7025	7229	7089	1.71	cps
Cadmium	106-1	10037	10071	10354	10154	1.71	cps
Cadmium	108-1	54	58	63	58	7.14	cps
Calcium	43-1	402272	402469	398574	401105	0.55	cps
Calcium	44-1	6341829	6603681	6550318	6498609	2.13	cps
Carbon	12-1	9962580	10480701	11006590	10483290	4.98	cps
Carbon	12-2	113605	113402	117066	114691	1.80	cps
Chlorine	35-1	1578461	1553991	1507798	1546750	2.32	cps
Chlorine	35-2	8903	9170	8653	8909	2.90	cps
Chromium	52-2	1480	1380	1447	1436	3.55	cps
Cobalt	59-2	340	370	343	351	4.68	cps
Copper	63-2	2790	2880	2957	2876	2.90	cps
Dysprosium	156-1	83	125	125	111	21.65	cps
Dysprosium	156-2	37	17	40	31	40.56	cps
Erbium	164-1	308	267	233	269	13.95	cps
Erbium	164-2	107	90	133	110	19.87	cps
Gadolinium	160-1	358	392	300	350	13.26	cps
Gadolinium	160-2	133	97	110	113	16.38	cps
Holmium	165-1	26399813	26700251	27208609	26769558	1.53	cps
Holmium	165-2	10928764	10904825	10786219	10873269	0.70	cps
Indium	115-1	23159080	23120702	23502294	23260692	0.90	cps
Indium	115-2	2974938	2899645	2938687	2937757	1.28	cps
Iron	54-2	4984	5018	4601	4868	4.76	cps
Iron	56-2	83857	84695	86188	84913	1.39	cps
Iron	57-2	1889	2017	2117	2008	5.69	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	603	677	659	7.46	cps
Lead	206-1	1322	1245	1317	1295	3.35	cps
Lead	207-1	1245	1100	1172	1172	6.16	cps
Lead	208-1	5162	4912	5251	5108	3.44	cps
Lithium	6-1	11987484	12006346	12368934	12120921	1.77	cps
Magnesium	24-2	582819	596864	591108	590264	1.20	cps
Manganese	55-2	4868	4884	4851	4868	0.34	cps
Molybdenum	94-1	1192	1400	1083	1225	13.14	cps
Molybdenum	95-1	683	558	617	619	10.10	cps
Molybdenum	96-1	808	775	875	819	6.21	cps
Molybdenum	97-1	325	392	283	333	16.39	cps
Molybdenum	98-1	858	825	883	856	3.42	cps
Neodymium	150-1	120	160	173	151	18.37	cps
Neodymium	150-2	33	43	40	39	13.09	cps
Nickel	60-2	363	420	357	380	9.16	cps
Phosphorus	31-2	208	175	225	203	12.55	cps
Potassium	39-2	81698	80165	81957	81273	1.19	cps
Rhodium	103-1	22195571	22183795	22241509	22206958	0.14	cps
Rhodium	103-2	9390325	9019808	9158500	9189544	2.04	cps
Scandium	45-1	16601645	16619456	16864235	16695112	0.88	cps
Scandium	45-2	453513	454277	457267	455019	0.44	cps
Selenium	82-1	-22	69	10	19	243.56	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	26	44	31	34	27.60	cps
Silicon	28-1	66925062	67936631	67083377	67315023	0.81	cps
Silver	107-1	375	325	300	333	11.46	cps
Silver	109-1	267	275	192	244	18.78	cps
Sodium	23-2	2585044	2632296	2609948	2609096	0.91	cps
Strontium	86-1	228085	232396	225720	228734	1.48	cps
Strontium	88-1	2032179	2010731	2026098	2023003	0.55	cps
Sulfur	34-1	507746	494186	490369	497434	1.84	cps
Terbium	159-1	28485525	28151796	27784687	28140670	1.25	cps
Terbium	159-2	10869045	10511720	10589404	10656723	1.76	cps
Thallium	203-1	442	567	442	483	14.93	cps
Thallium	205-1	1358	1258	1117	1245	9.76	cps
Tin	118-1	20458	21484	20833	20925	2.48	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-07	Instrumnet Name :	P8
Client Sample ID :	JCEW9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:02:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2467	3521	2550	2846	20.58	cps
Uranium	238-1	58	33	67	53	32.88	cps
Vanadium	51-2	3357	3314	3380	3350	1.01	cps
Ytterbium	172-1	167	117	100	128	27.15	cps
Ytterbium	172-2	94	39	39	57	55.87	cps
Ytterbium	176-1	3776	3250	3326	3451	8.23	cps
Ytterbium	176-2	1984	1967	1972	1974	0.43	cps
Yttrium	89-1	36157434	35602756	35915137	35891776	0.77	cps
Yttrium	89-2	3247489	3163692	3227048	3212743	1.36	cps
Zinc	66-2	2074	2017	2094	2061	1.93	cps
Zirconium	90-1	3202	2684	2667	2851	10.68	cps
Zirconium	91-1	517	625	458	533	15.86	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4508	3408	3202	3706	18.95	cps
Antimony	121-1	600	567	567	578	3.33	cps
Arsenic	75-2	462	243	230	312	41.83	cps
Barium	135-1	19932	20099	19949	19993	0.46	cps
Barium	137-1	33601	33626	34921	34049	2.22	cps
Beryllium	9-1	76	86	56	73	21.02	cps
Bismuth	209-1	17037174	17492153	17179986	17236437	1.35	cps
Bismuth	209-2	7921948	8032785	7971995	7975576	0.70	cps
Boron	10-1	12655	13411	13936	13334	4.83	cps
Boron	11-1	58924	61982	62588	61165	3.21	cps
Bromine	81-1	14983	16126	16787	15966	5.72	cps
Cadmium	111-1	7160	7151	7254	7188	0.79	cps
Cadmium	106-1	10229	10229	10388	10282	0.89	cps
Cadmium	108-1	54	67	54	58	12.37	cps
Calcium	43-1	619991	625210	620251	621817	0.47	cps
Calcium	44-1	9984353	10165130	10062889	10070791	0.90	cps
Carbon	12-1	10077932	10498710	10695210	10423951	3.03	cps
Carbon	12-2	112061	114469	112942	113157	1.08	cps
Chlorine	35-1	1169207	1148609	1163874	1160563	0.92	cps
Chlorine	35-2	6844	7269	6777	6963	3.83	cps
Chromium	52-2	1573	1613	1490	1559	4.04	cps
Cobalt	59-2	670	343	350	454	41.09	cps
Copper	63-2	11893	3891	3620	6468	72.67	cps
Dysprosium	156-1	92	100	142	111	24.11	cps
Dysprosium	156-2	30	43	53	42	27.72	cps
Erbium	164-1	308	258	267	278	9.64	cps
Erbium	164-2	87	107	83	92	13.69	cps
Gadolinium	160-1	383	300	392	358	14.15	cps
Gadolinium	160-2	83	107	113	101	15.58	cps
Holmium	165-1	27291777	28207129	26697719	27398875	2.78	cps
Holmium	165-2	10916813	10989573	11016744	10974377	0.47	cps
Indium	115-1	23384825	23904409	23711715	23666983	1.11	cps
Indium	115-2	2991539	2903094	2962960	2952531	1.53	cps
Iron	54-2	15860	15041	15286	15396	2.73	cps
Iron	56-2	300830	276139	281164	286044	4.56	cps
Iron	57-2	7236	6707	6974	6972	3.79	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	747	667	698	6.14	cps
Lead	206-1	1022	1072	1217	1104	9.15	cps
Lead	207-1	983	1217	894	1032	16.13	cps
Lead	208-1	4328	4806	4500	4545	5.32	cps
Lithium	6-1	11886527	11605575	11886694	11792932	1.38	cps
Magnesium	24-2	854639	822963	836120	837908	1.90	cps
Manganese	55-2	12175	11632	11808	11872	2.34	cps
Molybdenum	94-1	1200	1117	1225	1181	4.81	cps
Molybdenum	95-1	442	408	467	439	6.67	cps
Molybdenum	96-1	533	617	708	619	14.13	cps
Molybdenum	97-1	200	417	192	269	47.34	cps
Molybdenum	98-1	642	675	742	686	7.42	cps
Neodymium	150-1	180	167	153	167	8.00	cps
Neodymium	150-2	30	33	23	29	17.63	cps
Nickel	60-2	360	283	240	294	20.64	cps
Phosphorus	31-2	267	242	233	247	7.02	cps
Potassium	39-2	88088	86484	84607	86393	2.02	cps
Rhodium	103-1	22174947	22460899	22607461	22414436	0.98	cps
Rhodium	103-2	9370792	9131668	9409368	9303943	1.62	cps
Scandium	45-1	16893483	17165658	17047388	17035510	0.80	cps
Scandium	45-2	458244	454137	458467	456949	0.53	cps
Selenium	82-1	13	-50	1	-12	-272.12	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	33	26	26	28	14.26	cps
Silicon	28-1	65535662	68248108	65033322	66272364	2.61	cps
Silver	107-1	258	358	283	300	17.35	cps
Silver	109-1	233	200	192	208	10.59	cps
Sodium	23-2	2968674	2929517	2910093	2936094	1.02	cps
Strontium	86-1	379928	378803	376649	378460	0.44	cps
Strontium	88-1	3219428	3411255	3337956	3322880	2.91	cps
Sulfur	34-1	533300	530999	538333	534211	0.70	cps
Terbium	159-1	27769764	28611401	28619815	28333660	1.72	cps
Terbium	159-2	10568236	10465295	11173832	10735788	3.57	cps
Thallium	203-1	433	450	467	450	3.70	cps
Thallium	205-1	1175	1067	1008	1083	7.81	cps
Tin	118-1	22152	22837	21492	22160	3.03	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-08	Instrumnet Name :	P8
Client Sample ID :	JCEX1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:05:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2325	2309	4706	3113	44.30	cps
Uranium	238-1	92	42	92	75	38.49	cps
Vanadium	51-2	2064	1747	1817	1876	8.87	cps
Ytterbium	172-1	150	75	92	106	37.31	cps
Ytterbium	172-2	89	44	56	63	36.73	cps
Ytterbium	176-1	3742	3492	3276	3503	6.67	cps
Ytterbium	176-2	1733	2050	2028	1937	9.13	cps
Yttrium	89-1	36123187	36458314	36965262	36515588	1.16	cps
Yttrium	89-2	3215195	3234089	3183517	3210934	0.80	cps
Zinc	66-2	6334	3374	3137	4282	41.60	cps
Zirconium	90-1	2717	3242	2800	2920	9.67	cps
Zirconium	91-1	550	417	400	456	18.05	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2976	2710	2769	2818	4.96	cps
Antimony	121-1	392	392	425	403	4.78	cps
Arsenic	75-2	209	211	199	206	3.12	cps
Barium	135-1	18079	17470	17745	17765	1.72	cps
Barium	137-1	32314	30735	31772	31607	2.54	cps
Beryllium	9-1	46	60	72	59	21.94	cps
Bismuth	209-1	17246614	17292290	17347347	17295417	0.29	cps
Bismuth	209-2	8032312	8101144	7938209	8023888	1.02	cps
Boron	10-1	13988	14492	14741	14407	2.66	cps
Boron	11-1	63044	64454	67053	64850	3.14	cps
Bromine	81-1	15605	16016	16807	16143	3.79	cps
Cadmium	111-1	7828	7665	7483	7658	2.25	cps
Cadmium	106-1	11205	10938	10704	10949	2.29	cps
Cadmium	108-1	58	42	63	54	20.35	cps
Calcium	43-1	507081	508996	509298	508458	0.24	cps
Calcium	44-1	8250335	8128294	8226220	8201616	0.79	cps
Carbon	12-1	10113048	10376419	10932568	10474012	3.99	cps
Carbon	12-2	113445	112823	113065	113111	0.28	cps
Chlorine	35-1	960938	965657	951749	959448	0.74	cps
Chlorine	35-2	5443	5660	5234	5446	3.90	cps
Chromium	52-2	1447	1483	1513	1481	2.25	cps
Cobalt	59-2	277	287	357	307	14.21	cps
Copper	63-2	3177	3210	3230	3206	0.84	cps
Dysprosium	156-1	142	142	133	139	3.46	cps
Dysprosium	156-2	27	23	23	24	7.89	cps
Erbium	164-1	308	217	308	278	19.05	cps
Erbium	164-2	93	113	113	107	10.83	cps
Gadolinium	160-1	275	325	292	297	8.57	cps
Gadolinium	160-2	120	100	103	108	9.94	cps
Holmium	165-1	28027461	27650440	27258097	27645333	1.39	cps
Holmium	165-2	10908316	10667723	10859237	10811759	1.18	cps
Indium	115-1	23716470	23657460	23878255	23750728	0.48	cps
Indium	115-2	2964487	2900054	2963000	2942513	1.25	cps
Iron	54-2	11216	11255	10693	11054	2.84	cps
Iron	56-2	210855	205975	203202	206677	1.87	cps
Iron	57-2	5279	5346	5179	5268	1.59	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	683	730	680	698	4.01	cps
Lead	206-1	1278	1111	1028	1139	11.18	cps
Lead	207-1	1033	1039	967	1013	3.97	cps
Lead	208-1	4823	4556	4178	4519	7.17	cps
Lithium	6-1	12042006	11836869	11952389	11943755	0.86	cps
Magnesium	24-2	730098	720032	718020	722717	0.90	cps
Manganese	55-2	9387	9303	9060	9250	1.84	cps
Molybdenum	94-1	1208	1017	1142	1122	8.67	cps
Molybdenum	95-1	483	675	558	572	16.88	cps
Molybdenum	96-1	783	658	708	717	8.78	cps
Molybdenum	97-1	258	283	308	283	8.82	cps
Molybdenum	98-1	792	975	758	842	13.86	cps
Neodymium	150-1	147	200	153	167	17.44	cps
Neodymium	150-2	43	27	33	34	24.35	cps
Nickel	60-2	273	253	227	251	9.32	cps
Phosphorus	31-2	158	150	225	178	23.12	cps
Potassium	39-2	88245	87499	86584	87443	0.95	cps
Rhodium	103-1	22526452	22739989	22227030	22497823	1.15	cps
Rhodium	103-2	9538066	9218237	9482967	9413090	1.82	cps
Scandium	45-1	17124509	16834131	17202373	17053671	1.14	cps
Scandium	45-2	461224	455009	451594	455942	1.07	cps
Selenium	82-1	23	-41	8	-3	-1010.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	36	33	33	9.09	cps
Silicon	28-1	66276970	64810733	64852076	65313260	1.28	cps
Silver	107-1	192	292	300	261	23.09	cps
Silver	109-1	125	158	142	142	11.77	cps
Sodium	23-2	2851595	2822328	2866145	2846689	0.78	cps
Strontium	86-1	309016	307241	310795	309017	0.58	cps
Strontium	88-1	2722868	2744496	2733977	2733780	0.40	cps
Sulfur	34-1	549315	544117	537314	543582	1.11	cps
Terbium	159-1	29305458	28721663	28992926	29006682	1.01	cps
Terbium	159-2	10776616	10636813	10725520	10712983	0.66	cps
Thallium	203-1	383	500	417	433	13.87	cps
Thallium	205-1	883	842	900	875	3.43	cps
Tin	118-1	21000	21033	21543	21192	1.43	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-09	Instrumnet Name :	P8
Client Sample ID :	JCEX3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:08:28	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3727	3042	2375	3048	22.17	cps
Uranium	238-1	67	83	67	72	13.33	cps
Vanadium	51-2	2677	2697	2730	2701	1.00	cps
Ytterbium	172-1	108	125	92	108	15.38	cps
Ytterbium	172-2	50	56	56	54	5.98	cps
Ytterbium	176-1	3384	3567	3442	3464	2.70	cps
Ytterbium	176-2	1884	1822	2017	1908	5.21	cps
Yttrium	89-1	36331853	36986887	36925179	36747973	0.98	cps
Yttrium	89-2	3274606	3179772	3265084	3239821	1.61	cps
Zinc	66-2	1033	1053	1127	1071	4.59	cps
Zirconium	90-1	2750	3159	2767	2892	8.00	cps
Zirconium	91-1	567	575	550	564	2.26	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4026	3935	3624	3862	5.47	cps
Antimony	121-1	683	875	700	753	14.10	cps
Arsenic	75-2	287	327	302	305	6.62	cps
Barium	135-1	21259	21593	21250	21367	0.91	cps
Barium	137-1	38832	36667	36951	37483	3.14	cps
Beryllium	9-1	80	48	48	59	31.49	cps
Bismuth	209-1	17276830	16473546	17349184	17033187	2.85	cps
Bismuth	209-2	7926442	8175495	8063574	8055170	1.55	cps
Boron	10-1	14773	15369	15962	15368	3.87	cps
Boron	11-1	66641	70850	73263	70251	4.77	cps
Bromine	81-1	16416	15865	16306	16196	1.80	cps
Cadmium	111-1	7720	7032	7150	7301	5.04	cps
Cadmium	106-1	11113	10112	10196	10474	5.30	cps
Cadmium	108-1	108	96	58	88	29.74	cps
Calcium	43-1	544117	538856	545519	542831	0.65	cps
Calcium	44-1	8795939	8946199	8593035	8778391	2.02	cps
Carbon	12-1	10192284	10515328	10974468	10560693	3.72	cps
Carbon	12-2	117183	116780	116217	116726	0.42	cps
Chlorine	35-1	825327	813048	815230	817868	0.80	cps
Chlorine	35-2	4643	4801	4909	4784	2.80	cps
Chromium	52-2	1737	1740	1747	1741	0.29	cps
Cobalt	59-2	433	363	380	392	9.32	cps
Copper	63-2	3651	3494	3550	3565	2.23	cps
Dysprosium	156-1	150	100	175	142	26.96	cps
Dysprosium	156-2	57	77	70	68	15.02	cps
Erbium	164-1	392	292	375	353	15.19	cps
Erbium	164-2	127	137	83	116	24.54	cps
Gadolinium	160-1	342	350	467	386	18.10	cps
Gadolinium	160-2	120	110	130	120	8.33	cps
Holmium	165-1	27326795	26378559	27262112	26989156	1.96	cps
Holmium	165-2	10706126	11105076	11105334	10972179	2.10	cps
Indium	115-1	23797786	23281055	23722441	23600427	1.18	cps
Indium	115-2	2924106	2985736	2915743	2941862	1.30	cps
Iron	54-2	14875	15381	14858	15038	1.98	cps
Iron	56-2	280893	274003	275583	276827	1.30	cps
Iron	57-2	6702	6385	6991	6692	4.53	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	673	743	699	5.53	cps
Lead	206-1	1595	1583	1517	1565	2.69	cps
Lead	207-1	1361	1211	1233	1269	6.38	cps
Lead	208-1	6117	5912	5751	5927	3.10	cps
Lithium	6-1	11772142	11789034	11379833	11647003	1.99	cps
Magnesium	24-2	781398	779872	758366	773212	1.67	cps
Manganese	55-2	14324	14367	14030	14241	1.29	cps
Molybdenum	94-1	1133	1283	1267	1228	6.70	cps
Molybdenum	95-1	517	458	425	467	9.94	cps
Molybdenum	96-1	658	700	742	700	5.95	cps
Molybdenum	97-1	358	275	350	328	14.00	cps
Molybdenum	98-1	775	783	792	783	1.06	cps
Neodymium	150-1	173	147	220	180	20.62	cps
Neodymium	150-2	57	43	30	43	30.77	cps
Nickel	60-2	433	557	507	499	12.43	cps
Phosphorus	31-2	250	217	225	231	7.52	cps
Potassium	39-2	92789	91649	91281	91906	0.86	cps
Rhodium	103-1	22680854	22081169	21801721	22187915	2.02	cps
Rhodium	103-2	9356492	9259772	9442658	9352974	0.98	cps
Scandium	45-1	16944176	16868768	16388023	16733656	1.80	cps
Scandium	45-2	456568	464856	460240	460555	0.90	cps
Selenium	82-1	-13	14	-59	-20	-189.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	32	27	26	28	11.35	cps
Silicon	28-1	66956124	64698372	66365710	66006736	1.77	cps
Silver	107-1	233	217	242	231	5.52	cps
Silver	109-1	42	117	83	81	46.64	cps
Sodium	23-2	3047879	3038250	2978837	3021656	1.24	cps
Strontium	86-1	339569	347956	336199	341241	1.77	cps
Strontium	88-1	2985085	3041588	2977623	3001432	1.17	cps
Sulfur	34-1	577532	571968	571860	573787	0.57	cps
Terbium	159-1	29113145	27587932	28745346	28482141	2.79	cps
Terbium	159-2	10669661	10688548	10902750	10753653	1.20	cps
Thallium	203-1	375	483	433	431	12.59	cps
Thallium	205-1	1092	1058	1067	1072	1.62	cps
Tin	118-1	22060	22803	21868	22244	2.22	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-10	Instrumnet Name :	P8
Client Sample ID :	JCEX5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:11:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2975	3309	3634	3306	9.96	cps
Uranium	238-1	83	75	50	69	24.98	cps
Vanadium	51-2	2717	2904	2667	2763	4.52	cps
Ytterbium	172-1	83	108	133	108	23.08	cps
Ytterbium	172-2	72	39	50	54	31.60	cps
Ytterbium	176-1	3142	3284	3559	3328	6.37	cps
Ytterbium	176-2	1739	2011	2095	1948	9.55	cps
Yttrium	89-1	36806157	36058125	36197283	36353855	1.09	cps
Yttrium	89-2	3190043	3217259	3272142	3226482	1.30	cps
Zinc	66-2	3024	3020	3127	3057	1.98	cps
Zirconium	90-1	3051	2800	3109	2987	5.49	cps
Zirconium	91-1	533	951	583	689	33.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9596	9129	9247	9324	2.60	cps
Antimony	121-1	875	883	900	886	1.44	cps
Arsenic	75-2	354	356	334	348	3.50	cps
Barium	135-1	23287	22619	22745	22884	1.55	cps
Barium	137-1	39149	39977	39082	39403	1.26	cps
Beryllium	9-1	54	54	48	52	6.66	cps
Bismuth	209-1	17519222	17669794	17425017	17538011	0.70	cps
Bismuth	209-2	8033534	7934602	7927348	7965161	0.74	cps
Boron	10-1	14246	15459	15769	15158	5.31	cps
Boron	11-1	67509	71304	74631	71148	5.01	cps
Bromine	81-1	15425	16226	17278	16310	5.70	cps
Cadmium	111-1	7461	7190	7657	7436	3.16	cps
Cadmium	106-1	10679	10321	10996	10665	3.17	cps
Cadmium	108-1	33	92	88	71	45.95	cps
Calcium	43-1	541111	543666	543505	542761	0.26	cps
Calcium	44-1	8722071	8684460	8878296	8761609	1.17	cps
Carbon	12-1	10396828	10742071	10981122	10706674	2.74	cps
Carbon	12-2	115588	115226	115596	115470	0.18	cps
Chlorine	35-1	752352	752568	737812	747577	1.13	cps
Chlorine	35-2	4126	4493	4201	4273	4.54	cps
Chromium	52-2	1583	1563	1473	1540	3.80	cps
Cobalt	59-2	583	617	577	592	3.62	cps
Copper	63-2	5011	4567	4728	4769	4.71	cps
Dysprosium	156-1	292	208	242	247	16.97	cps
Dysprosium	156-2	93	77	80	83	10.58	cps
Erbium	164-1	500	500	450	483	5.97	cps
Erbium	164-2	190	143	180	171	14.36	cps
Gadolinium	160-1	350	675	500	508	32.00	cps
Gadolinium	160-2	173	150	150	158	8.54	cps
Holmium	165-1	28172038	27803354	28406873	28127421	1.08	cps
Holmium	165-2	11130252	10854952	10924220	10969808	1.31	cps
Indium	115-1	24606693	24047374	23568935	24074334	2.16	cps
Indium	115-2	2904358	2906087	2918276	2909574	0.26	cps
Iron	54-2	24304	25178	23709	24397	3.03	cps
Iron	56-2	445856	451556	443335	446915	0.94	cps
Iron	57-2	10776	11171	10943	10964	1.81	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	810	687	709	12.98	cps
Lead	206-1	2122	1956	2028	2035	4.11	cps
Lead	207-1	1683	1572	1561	1606	4.21	cps
Lead	208-1	7996	7562	7801	7786	2.79	cps
Lithium	6-1	12231045	12400411	12326599	12319351	0.69	cps
Magnesium	24-2	767390	757634	772895	765973	1.01	cps
Manganese	55-2	22598	23493	23336	23142	2.06	cps
Molybdenum	94-1	1492	1392	1217	1367	10.19	cps
Molybdenum	95-1	525	542	650	572	11.86	cps
Molybdenum	96-1	783	850	883	839	6.07	cps
Molybdenum	97-1	250	358	233	281	24.19	cps
Molybdenum	98-1	867	917	758	847	9.55	cps
Neodymium	150-1	413	367	387	389	6.02	cps
Neodymium	150-2	107	83	87	92	13.69	cps
Nickel	60-2	427	480	453	453	5.88	cps
Phosphorus	31-2	258	233	242	244	5.21	cps
Potassium	39-2	91078	93823	90340	91747	2.00	cps
Rhodium	103-1	23577889	22076822	22775709	22810140	3.29	cps
Rhodium	103-2	9386352	9322029	9476404	9394928	0.83	cps
Scandium	45-1	17579879	16959264	17377709	17305617	1.83	cps
Scandium	45-2	460193	459029	457450	458891	0.30	cps
Selenium	82-1	49	-133	3	-27	-349.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	29	28	27	28	3.57	cps
Silicon	28-1	66128664	64970051	66689797	65929504	1.33	cps
Silver	107-1	167	183	192	181	7.05	cps
Silver	109-1	75	83	158	106	43.48	cps
Sodium	23-2	3064331	2936423	3032271	3011009	2.21	cps
Strontium	86-1	340031	345250	340865	342049	0.82	cps
Strontium	88-1	3047027	3064662	2996145	3035945	1.17	cps
Sulfur	34-1	573245	562745	567101	567697	0.93	cps
Terbium	159-1	29541776	28940922	28374609	28952436	2.02	cps
Terbium	159-2	10864720	10749754	10513636	10709370	1.67	cps
Thallium	203-1	475	442	442	453	4.25	cps
Thallium	205-1	1075	1108	1042	1075	3.10	cps
Tin	118-1	21509	26793	21618	23307	12.96	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-11	Instrumnet Name :	P8
Client Sample ID :	JCEX7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:14:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10252	7703	9489	9148	14.30	cps
Uranium	238-1	92	133	142	122	21.92	cps
Vanadium	51-2	3160	3130	3044	3111	1.95	cps
Ytterbium	172-1	133	183	175	164	16.34	cps
Ytterbium	172-2	39	44	56	46	18.33	cps
Ytterbium	176-1	3742	3542	3517	3601	3.43	cps
Ytterbium	176-2	1956	2067	1922	1982	3.82	cps
Yttrium	89-1	37753419	37319744	37260861	37444675	0.72	cps
Yttrium	89-2	3235853	3232691	3239532	3236025	0.11	cps
Zinc	66-2	2474	2540	2490	2501	1.39	cps
Zirconium	90-1	3868	3567	3392	3609	6.66	cps
Zirconium	91-1	825	667	2449	1314	75.10	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4156	3930	3918	4001	3.36	cps
Antimony	121-1	900	783	850	844	6.93	cps
Arsenic	75-2	521	500	506	509	2.12	cps
Barium	135-1	21276	21109	21618	21334	1.22	cps
Barium	137-1	38505	37913	38238	38219	0.78	cps
Beryllium	9-1	70	56	54	60	14.53	cps
Bismuth	209-1	17452888	17138298	17409244	17333477	0.98	cps
Bismuth	209-2	8116992	8108259	7832438	8019230	2.02	cps
Boron	10-1	14734	14626	15553	14971	3.38	cps
Boron	11-1	67533	69596	71636	69588	2.95	cps
Bromine	81-1	14723	15023	16757	15501	7.08	cps
Cadmium	111-1	7397	7315	7502	7405	1.27	cps
Cadmium	106-1	10654	10521	10763	10646	1.14	cps
Cadmium	108-1	117	113	75	101	22.63	cps
Calcium	43-1	519413	522021	518793	520076	0.33	cps
Calcium	44-1	8478045	8728078	8458725	8554949	1.76	cps
Carbon	12-1	10368098	10613778	11151974	10711283	3.74	cps
Carbon	12-2	114301	116251	115209	115254	0.85	cps
Chlorine	35-1	628499	630976	641494	633656	1.09	cps
Chlorine	35-2	3701	3734	3784	3739	1.12	cps
Chromium	52-2	1153	1320	1197	1223	7.07	cps
Cobalt	59-2	367	447	417	410	9.86	cps
Copper	63-2	4041	4141	3867	4016	3.44	cps
Dysprosium	156-1	133	100	83	106	24.12	cps
Dysprosium	156-2	73	93	50	72	30.03	cps
Erbium	164-1	267	350	300	306	13.73	cps
Erbium	164-2	137	140	107	128	14.37	cps
Gadolinium	160-1	325	433	317	358	18.16	cps
Gadolinium	160-2	130	107	163	133	21.36	cps
Holmium	165-1	28126674	27871346	27764338	27920786	0.67	cps
Holmium	165-2	10971083	10774618	10873367	10873023	0.90	cps
Indium	115-1	23564486	23698036	23954599	23739040	0.84	cps
Indium	115-2	2996614	2953871	2897522	2949336	1.69	cps
Iron	54-2	16727	15709	16755	16397	3.63	cps
Iron	56-2	299991	299450	299612	299684	0.09	cps
Iron	57-2	7485	7624	7280	7463	2.32	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	597	633	727	652	10.28	cps
Lead	206-1	1200	1145	1183	1176	2.42	cps
Lead	207-1	1050	917	995	987	6.79	cps
Lead	208-1	4734	4495	4506	4578	2.95	cps
Lithium	6-1	12369697	12283261	12479290	12377416	0.79	cps
Magnesium	24-2	744790	736581	747616	742996	0.77	cps
Manganese	55-2	15472	15308	15619	15466	1.00	cps
Molybdenum	94-1	1317	1208	1250	1258	4.34	cps
Molybdenum	95-1	500	592	525	539	8.79	cps
Molybdenum	96-1	733	767	750	750	2.22	cps
Molybdenum	97-1	275	250	325	283	13.48	cps
Molybdenum	98-1	683	950	675	769	20.33	cps
Neodymium	150-1	240	140	160	180	29.40	cps
Neodymium	150-2	47	43	40	43	7.70	cps
Nickel	60-2	343	337	357	346	2.95	cps
Phosphorus	31-2	292	217	233	247	15.93	cps
Potassium	39-2	90684	88429	93125	90746	2.59	cps
Rhodium	103-1	22534052	22481216	22801451	22605573	0.76	cps
Rhodium	103-2	9566823	9406585	9157118	9376842	2.20	cps
Scandium	45-1	16996217	17167469	17291128	17151605	0.86	cps
Scandium	45-2	459901	464753	456631	460428	0.89	cps
Selenium	82-1	107	66	26	66	61.21	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	20	28	13	20	36.91	cps
Silicon	28-1	64470456	64033372	63682881	64062236	0.62	cps
Silver	107-1	242	225	158	208	21.17	cps
Silver	109-1	100	58	108	89	30.14	cps
Sodium	23-2	3109658	3062311	3026862	3066277	1.35	cps
Strontium	86-1	332855	342259	331085	335400	1.79	cps
Strontium	88-1	2941237	2966300	2962931	2956822	0.46	cps
Sulfur	34-1	568104	557215	550513	558611	1.59	cps
Terbium	159-1	29224932	29096281	28622914	28981376	1.09	cps
Terbium	159-2	10872366	10766944	10605700	10748337	1.25	cps
Thallium	203-1	358	400	475	411	14.38	cps
Thallium	205-1	808	1108	1108	1008	17.18	cps
Tin	118-1	19982	21058	21501	20847	3.75	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-12	Instrumnet Name :	P8
Client Sample ID :	JCEX9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:17:24	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2667	2950	4670	3429	31.60	cps
Uranium	238-1	50	42	58	50	16.67	cps
Vanadium	51-2	2937	2887	3107	2977	3.87	cps
Ytterbium	172-1	100	200	75	125	52.92	cps
Ytterbium	172-2	78	11	72	54	68.88	cps
Ytterbium	176-1	3651	3442	3926	3673	6.60	cps
Ytterbium	176-2	1722	1917	2017	1885	7.94	cps
Yttrium	89-1	37121505	36686254	36204928	36670896	1.25	cps
Yttrium	89-2	3263836	3218175	3159497	3213836	1.63	cps
Zinc	66-2	1393	1297	1330	1340	3.66	cps
Zirconium	90-1	2542	2509	2725	2592	4.50	cps
Zirconium	91-1	1001	667	1729	1132	47.98	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3027	2987	3000	3005	0.68	cps
Antimony	121-1	642	725	800	722	10.97	cps
Arsenic	75-2	536	516	531	528	1.97	cps
Barium	135-1	21584	21801	20925	21437	2.13	cps
Barium	137-1	37102	37369	36634	37035	1.00	cps
Beryllium	9-1	62	72	28	54	42.72	cps
Bismuth	209-1	17531555	17487618	17387471	17468882	0.42	cps
Bismuth	209-2	7870915	8033041	8254853	8052936	2.39	cps
Boron	10-1	14897	14763	15894	15184	4.07	cps
Boron	11-1	66884	70386	71107	69459	3.25	cps
Bromine	81-1	17359	19373	20215	18982	7.73	cps
Cadmium	111-1	7303	7186	7551	7347	2.53	cps
Cadmium	106-1	10471	10271	10846	10529	2.78	cps
Cadmium	108-1	104	58	83	82	28.01	cps
Calcium	43-1	501029	501928	496750	499902	0.55	cps
Calcium	44-1	8067682	8100583	8190287	8119517	0.78	cps
Carbon	12-1	10011044	10699399	10807292	10505912	4.11	cps
Carbon	12-2	110473	111875	115216	112522	2.17	cps
Chlorine	35-1	583764	588569	583932	585422	0.47	cps
Chlorine	35-2	3342	3192	3659	3398	7.01	cps
Chromium	52-2	1407	1407	1363	1392	1.80	cps
Cobalt	59-2	377	347	340	354	5.51	cps
Copper	63-2	4044	3904	3984	3977	1.77	cps
Dysprosium	156-1	125	125	108	119	8.05	cps
Dysprosium	156-2	53	37	60	50	24.03	cps
Erbium	164-1	308	250	267	275	10.93	cps
Erbium	164-2	123	93	110	109	13.81	cps
Gadolinium	160-1	292	333	317	314	6.68	cps
Gadolinium	160-2	123	103	130	119	11.67	cps
Holmium	165-1	27719499	27783549	27843617	27782221	0.22	cps
Holmium	165-2	10863762	10983570	11140818	10996050	1.26	cps
Indium	115-1	23684989	23771251	23517331	23657857	0.55	cps
Indium	115-2	2869775	2977027	2916064	2920956	1.84	cps
Iron	54-2	16560	16004	16143	16235	1.78	cps
Iron	56-2	302847	297353	295583	298594	1.27	cps
Iron	57-2	7708	7080	7452	7413	4.26	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	720	780	752	4.02	cps
Lead	206-1	1150	1200	1278	1209	5.32	cps
Lead	207-1	945	933	1056	978	6.91	cps
Lead	208-1	4539	4473	4600	4537	1.41	cps
Lithium	6-1	11764903	11924148	12198622	11962558	1.83	cps
Magnesium	24-2	697164	724626	701071	707620	2.10	cps
Manganese	55-2	15589	15569	15015	15391	2.12	cps
Molybdenum	94-1	1092	1150	975	1072	8.31	cps
Molybdenum	95-1	508	400	583	497	18.54	cps
Molybdenum	96-1	1552	642	633	943	56.05	cps
Molybdenum	97-1	317	350	275	314	11.97	cps
Molybdenum	98-1	917	942	642	833	19.98	cps
Neodymium	150-1	200	113	73	129	50.23	cps
Neodymium	150-2	43	47	30	40	22.05	cps
Nickel	60-2	333	387	370	363	7.51	cps
Phosphorus	31-2	225	133	183	181	25.42	cps
Potassium	39-2	86551	88923	86090	87188	1.74	cps
Rhodium	103-1	22876264	22975158	22665552	22838991	0.69	cps
Rhodium	103-2	9206703	9545767	9428096	9393522	1.83	cps
Scandium	45-1	17133688	17396403	17069816	17199969	1.01	cps
Scandium	45-2	455352	455928	463957	458412	1.05	cps
Selenium	82-1	-47	-64	-91	-67	-33.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	25	20	23	23	11.10	cps
Silicon	28-1	62907787	62385749	62546656	62613397	0.43	cps
Silver	107-1	183	133	167	161	15.80	cps
Silver	109-1	83	92	67	81	15.80	cps
Sodium	23-2	3047214	3096891	3046964	3063689	0.94	cps
Strontium	86-1	330502	334214	338222	334313	1.15	cps
Strontium	88-1	2950670	2977278	2916108	2948019	1.04	cps
Sulfur	34-1	563722	553996	555208	557642	0.95	cps
Terbium	159-1	28461717	28519433	29194542	28725231	1.42	cps
Terbium	159-2	10599586	10770229	10890633	10753483	1.36	cps
Thallium	203-1	342	417	425	394	11.64	cps
Thallium	205-1	967	908	925	933	3.22	cps
Tin	118-1	21618	21885	27439	23647	13.90	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-13	Instrumnet Name :	P8
Client Sample ID :	JCEY1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:20:22	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2843	2759	2175	2592	14.03	cps
Uranium	238-1	83	108	58	83	30.00	cps
Vanadium	51-2	2824	2897	2894	2871	1.44	cps
Ytterbium	172-1	142	108	142	131	14.74	cps
Ytterbium	172-2	50	67	44	54	21.53	cps
Ytterbium	176-1	3809	3417	3501	3576	5.77	cps
Ytterbium	176-2	1917	2061	2006	1995	3.65	cps
Yttrium	89-1	37039402	36613362	36303729	36652164	1.01	cps
Yttrium	89-2	3160395	3271144	3235154	3222231	1.75	cps
Zinc	66-2	967	1030	953	983	4.17	cps
Zirconium	90-1	3895	2784	2717	3132	21.13	cps
Zirconium	91-1	558	625	825	669	20.73	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3581	3656	3635	3624	1.07	cps
Antimony	121-1	558	800	708	689	17.71	cps
Arsenic	75-2	493	515	483	497	3.29	cps
Barium	135-1	23663	24080	23930	23891	0.89	cps
Barium	137-1	41606	40169	42426	41400	2.76	cps
Beryllium	9-1	68	68	58	65	8.93	cps
Bismuth	209-1	16985947	17339744	17182293	17169328	1.03	cps
Bismuth	209-2	7699189	7968861	7828752	7832267	1.72	cps
Boron	10-1	15627	15929	16710	16089	3.47	cps
Boron	11-1	72660	75631	75601	74631	2.29	cps
Bromine	81-1	17669	19022	20486	19059	7.39	cps
Cadmium	111-1	7317	7151	7316	7261	1.32	cps
Cadmium	106-1	10463	10262	10513	10413	1.27	cps
Cadmium	108-1	46	71	108	75	41.95	cps
Calcium	43-1	507765	505926	501383	505025	0.65	cps
Calcium	44-1	8190612	8128759	8213415	8177595	0.54	cps
Carbon	12-1	9812421	10548004	10628086	10329504	4.35	cps
Carbon	12-2	110859	113470	116779	113703	2.61	cps
Chlorine	35-1	554136	561429	548188	554584	1.20	cps
Chlorine	35-2	3300	3217	3275	3264	1.31	cps
Chromium	52-2	1330	1073	1310	1238	11.53	cps
Cobalt	59-2	403	433	453	430	5.85	cps
Copper	63-2	4064	3947	4004	4005	1.46	cps
Dysprosium	156-1	175	100	117	131	30.17	cps
Dysprosium	156-2	50	40	50	47	12.37	cps
Erbium	164-1	275	367	400	347	18.64	cps
Erbium	164-2	123	110	107	113	7.78	cps
Gadolinium	160-1	358	325	483	389	21.47	cps
Gadolinium	160-2	100	140	123	121	16.59	cps
Holmium	165-1	27691662	26991555	27730425	27471214	1.51	cps
Holmium	165-2	10597347	10795972	10772217	10721845	1.01	cps
Indium	115-1	23874321	23663716	23788086	23775375	0.45	cps
Indium	115-2	2818406	2860364	2902745	2860505	1.47	cps
Iron	54-2	18395	18907	18184	18496	2.01	cps
Iron	56-2	326699	338039	330154	331631	1.75	cps
Iron	57-2	8119	8080	8141	8114	0.38	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	683	727	686	5.84	cps
Lead	206-1	1200	1228	1056	1161	7.96	cps
Lead	207-1	844	1078	811	911	15.95	cps
Lead	208-1	4384	4789	4489	4554	4.62	cps
Lithium	6-1	12233747	12393399	12287142	12304763	0.66	cps
Magnesium	24-2	703138	714306	704559	707334	0.86	cps
Manganese	55-2	14044	14314	14194	14184	0.95	cps
Molybdenum	94-1	1100	1492	1267	1286	15.29	cps
Molybdenum	95-1	308	567	475	450	29.10	cps
Molybdenum	96-1	700	825	708	744	9.39	cps
Molybdenum	97-1	308	308	358	325	8.88	cps
Molybdenum	98-1	792	808	925	842	8.63	cps
Neodymium	150-1	140	233	180	184	25.39	cps
Neodymium	150-2	60	57	63	60	5.55	cps
Nickel	60-2	320	283	330	311	7.90	cps
Phosphorus	31-2	208	158	167	178	15.07	cps
Potassium	39-2	92388	95172	93285	93615	1.52	cps
Rhodium	103-1	22203290	22717858	22217736	22379628	1.31	cps
Rhodium	103-2	8971045	9260314	9330605	9187321	2.07	cps
Scandium	45-1	17171118	16951419	17284701	17135746	0.99	cps
Scandium	45-2	437970	447561	452461	445997	1.65	cps
Selenium	82-1	31	-3	-51	-8	-544.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	26	30	26	13.34	cps
Silicon	28-1	60472570	64290787	60740578	61834645	3.45	cps
Silver	107-1	167	283	233	228	25.70	cps
Silver	109-1	25	92	33	50	72.65	cps
Sodium	23-2	3137379	3208276	3228996	3191550	1.51	cps
Strontium	86-1	350775	345451	345475	347233	0.88	cps
Strontium	88-1	3019581	3050528	3055984	3042031	0.65	cps
Sulfur	34-1	568500	565705	560426	564877	0.73	cps
Terbium	159-1	28542589	28928519	29146890	28872666	1.06	cps
Terbium	159-2	10065652	10609952	10734316	10469973	3.40	cps
Thallium	203-1	367	350	325	347	6.04	cps
Thallium	205-1	958	825	925	903	7.69	cps
Tin	118-1	21184	21434	21175	21264	0.69	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-14	Instrumnet Name :	P8
Client Sample ID :	JCEY3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:23:22	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3467	4001	3234	3567	11.03	cps
Uranium	238-1	133	50	92	92	45.46	cps
Vanadium	51-2	3114	3160	3144	3139	0.75	cps
Ytterbium	172-1	125	192	117	144	28.46	cps
Ytterbium	172-2	61	39	56	52	22.30	cps
Ytterbium	176-1	3217	3551	3459	3409	5.05	cps
Ytterbium	176-2	1678	1939	2072	1896	10.58	cps
Yttrium	89-1	36411771	36400339	36693903	36502004	0.46	cps
Yttrium	89-2	3141851	3160595	3206006	3169484	1.04	cps
Zinc	66-2	940	1010	1093	1014	7.57	cps
Zirconium	90-1	2850	2842	2567	2753	5.86	cps
Zirconium	91-1	617	542	492	550	11.44	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2416	2675	2405	2499	6.11	cps
Antimony	121-1	708	717	700	708	1.18	cps
Arsenic	75-2	510	531	515	519	2.12	cps
Barium	135-1	24514	23513	23062	23696	3.14	cps
Barium	137-1	40495	39985	40846	40442	1.07	cps
Beryllium	9-1	66	54	54	58	11.95	cps
Bismuth	209-1	17411121	17314923	16587960	17104668	2.63	cps
Bismuth	209-2	7935193	7873103	8052043	7953446	1.14	cps
Boron	10-1	16152	16086	16828	16355	2.51	cps
Boron	11-1	71542	75393	76585	74507	3.54	cps
Bromine	81-1	19935	21398	21960	21098	4.96	cps
Cadmium	111-1	7854	7212	6800	7289	7.29	cps
Cadmium	106-1	11280	10354	9754	10463	7.35	cps
Cadmium	108-1	83	88	75	82	7.77	cps
Calcium	43-1	509955	501603	507720	506426	0.85	cps
Calcium	44-1	8157189	8265537	8131383	8184703	0.87	cps
Carbon	12-1	10057230	10351740	10957825	10455598	4.39	cps
Carbon	12-2	113497	113025	115528	114017	1.17	cps
Chlorine	35-1	544854	551360	547002	547739	0.61	cps
Chlorine	35-2	3259	3367	3250	3292	1.98	cps
Chromium	52-2	1240	1260	1283	1261	1.72	cps
Cobalt	59-2	320	337	380	346	8.96	cps
Copper	63-2	3827	3904	3777	3836	1.66	cps
Dysprosium	156-1	100	158	83	114	34.58	cps
Dysprosium	156-2	53	47	33	44	22.92	cps
Erbium	164-1	258	258	358	292	19.80	cps
Erbium	164-2	147	100	127	124	18.81	cps
Gadolinium	160-1	383	342	267	331	17.89	cps
Gadolinium	160-2	117	90	110	106	13.15	cps
Holmium	165-1	28065990	27969600	26006078	27347222	4.25	cps
Holmium	165-2	10754337	11064679	11053207	10957408	1.61	cps
Indium	115-1	24368521	23990058	22634486	23664355	3.85	cps
Indium	115-2	2916840	2931135	2883408	2910461	0.84	cps
Iron	54-2	16871	16960	16482	16771	1.52	cps
Iron	56-2	310894	304119	298087	304367	2.11	cps
Iron	57-2	7558	7563	7185	7435	2.91	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	600	677	648	6.43	cps
Lead	206-1	1300	1178	1278	1252	5.20	cps
Lead	207-1	1072	1056	1233	1120	8.76	cps
Lead	208-1	5134	4950	5012	5032	1.86	cps
Lithium	6-1	12115754	12396863	11543304	12018640	3.62	cps
Magnesium	24-2	711724	723905	704774	713467	1.36	cps
Manganese	55-2	13056	13180	12786	13007	1.55	cps
Molybdenum	94-1	1250	1033	1058	1114	10.64	cps
Molybdenum	95-1	508	608	517	544	10.19	cps
Molybdenum	96-1	733	883	775	797	9.71	cps
Molybdenum	97-1	392	275	342	336	17.41	cps
Molybdenum	98-1	725	767	875	789	9.82	cps
Neodymium	150-1	133	127	167	142	15.07	cps
Neodymium	150-2	30	33	43	36	19.51	cps
Nickel	60-2	380	403	357	380	6.14	cps
Phosphorus	31-2	192	208	133	178	22.15	cps
Potassium	39-2	91406	86870	88278	88851	2.61	cps
Rhodium	103-1	23011906	22525049	21555476	22364144	3.32	cps
Rhodium	103-2	9167952	9261872	9446334	9292053	1.52	cps
Scandium	45-1	17438703	17457945	15974715	16957121	5.02	cps
Scandium	45-2	455693	456395	456147	456078	0.08	cps
Selenium	82-1	17	49	-15	17	189.55	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	23	29	28	27	12.05	cps
Silicon	28-1	60574041	60255056	61934906	60921334	1.46	cps
Silver	107-1	200	150	217	189	18.37	cps
Silver	109-1	42	58	58	53	18.23	cps
Sodium	23-2	3239183	3284094	3187544	3236940	1.49	cps
Strontium	86-1	351283	346699	352597	350193	0.88	cps
Strontium	88-1	3074687	3005891	3105585	3062054	1.67	cps
Sulfur	34-1	558994	548974	553703	553890	0.91	cps
Terbium	159-1	30451230	28674249	27775403	28966960	4.70	cps
Terbium	159-2	10646339	10538253	10933773	10706122	1.91	cps
Thallium	203-1	450	383	300	378	19.89	cps
Thallium	205-1	950	725	850	842	13.39	cps
Tin	118-1	22294	22586	23496	22792	2.75	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-15	Instrumnet Name :	P8
Client Sample ID :	JCEY5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:26:19	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1892	2050	2459	2134	13.72	cps
Uranium	238-1	133	67	108	103	32.77	cps
Vanadium	51-2	3234	2900	3114	3083	5.48	cps
Ytterbium	172-1	117	158	50	108	50.45	cps
Ytterbium	172-2	50	56	67	57	14.78	cps
Ytterbium	176-1	3484	3551	3401	3478	2.16	cps
Ytterbium	176-2	1911	2028	2045	1995	3.64	cps
Yttrium	89-1	37630380	36341390	35067422	36346398	3.53	cps
Yttrium	89-2	3199065	3179539	3270428	3216344	1.49	cps
Zinc	66-2	1690	1710	1603	1668	3.40	cps
Zirconium	90-1	2859	2600	2350	2603	9.77	cps
Zirconium	91-1	383	567	358	436	26.08	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12966	12084	12035	12362	4.24	cps
Antimony	121-1	700	733	717	717	2.33	cps
Arsenic	75-2	516	561	523	533	4.54	cps
Barium	135-1	24230	25767	25650	25216	3.39	cps
Barium	137-1	43688	43362	44323	43791	1.12	cps
Beryllium	9-1	64	56	70	63	11.09	cps
Bismuth	209-1	17123424	16953914	17019349	17032229	0.50	cps
Bismuth	209-2	7873162	8021904	7768790	7887952	1.61	cps
Boron	10-1	15815	16524	16802	16381	3.11	cps
Boron	11-1	73792	76332	78310	76145	2.97	cps
Bromine	81-1	19895	21118	21298	20770	3.68	cps
Cadmium	111-1	7499	7113	6757	7123	5.20	cps
Cadmium	106-1	10704	10246	9687	10212	4.99	cps
Cadmium	108-1	46	96	88	76	35.07	cps
Calcium	43-1	498938	490500	496611	495350	0.88	cps
Calcium	44-1	8202443	7986580	8074451	8087825	1.34	cps
Carbon	12-1	9917369	10281500	10535599	10244823	3.03	cps
Carbon	12-2	110019	110172	113404	111198	1.72	cps
Chlorine	35-1	531314	536170	546730	538071	1.46	cps
Chlorine	35-2	3100	3375	2959	3145	6.74	cps
Chromium	52-2	1893	1940	1773	1869	4.60	cps
Cobalt	59-2	767	667	707	713	7.06	cps
Copper	63-2	5498	5331	5104	5311	3.72	cps
Dysprosium	156-1	292	383	467	381	23.00	cps
Dysprosium	156-2	97	117	133	116	15.89	cps
Erbium	164-1	483	450	400	444	9.44	cps
Erbium	164-2	173	140	110	141	22.45	cps
Gadolinium	160-1	425	567	458	483	15.32	cps
Gadolinium	160-2	163	197	217	192	14.02	cps
Holmium	165-1	26835186	27765280	26821005	27140490	1.99	cps
Holmium	165-2	10890638	10936929	10861749	10896439	0.35	cps
Indium	115-1	23130061	23593430	23628883	23450792	1.19	cps
Indium	115-2	2882335	2881235	2911502	2891691	0.59	cps
Iron	54-2	37873	38586	37962	38140	1.02	cps
Iron	56-2	708540	687265	690889	695565	1.64	cps
Iron	57-2	17066	17072	17188	17109	0.40	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	687	717	701	2.14	cps
Lead	206-1	1645	1472	1445	1520	7.13	cps
Lead	207-1	1433	1445	1417	1432	0.98	cps
Lead	208-1	6395	6217	6084	6232	2.51	cps
Lithium	6-1	11511139	11936334	11728870	11725448	1.81	cps
Magnesium	24-2	714047	700938	709516	708167	0.94	cps
Manganese	55-2	20889	20532	20552	20657	0.97	cps
Molybdenum	94-1	1325	1500	1875	1567	17.94	cps
Molybdenum	95-1	483	575	558	539	9.06	cps
Molybdenum	96-1	867	892	900	886	1.96	cps
Molybdenum	97-1	333	250	367	317	18.98	cps
Molybdenum	98-1	892	767	825	828	7.56	cps
Neodymium	150-1	387	520	447	451	14.80	cps
Neodymium	150-2	113	110	140	121	13.58	cps
Nickel	60-2	490	483	500	491	1.71	cps
Phosphorus	31-2	192	292	250	244	20.55	cps
Potassium	39-2	91255	89921	88697	89958	1.42	cps
Rhodium	103-1	21966289	22301945	22207894	22158709	0.78	cps
Rhodium	103-2	9173500	9079983	9167514	9140332	0.57	cps
Scandium	45-1	16748841	16829541	16780490	16786291	0.24	cps
Scandium	45-2	449759	450577	452364	450900	0.30	cps
Selenium	82-1	-33	-42	-35	-37	-12.72	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	41	18	22	27	45.51	cps
Silicon	28-1	61100785	60687758	61010318	60932953	0.36	cps
Silver	107-1	150	200	233	194	21.57	cps
Silver	109-1	17	50	67	44	57.28	cps
Sodium	23-2	3212627	3150503	3201583	3188238	1.04	cps
Strontium	86-1	342373	350324	342495	345064	1.32	cps
Strontium	88-1	3056773	3067242	2981009	3035008	1.55	cps
Sulfur	34-1	561637	551671	550253	554520	1.12	cps
Terbium	159-1	27478937	28715080	28894142	28362720	2.72	cps
Terbium	159-2	10586557	10602507	10495369	10561477	0.55	cps
Thallium	203-1	408	358	400	389	6.89	cps
Thallium	205-1	750	758	708	739	3.63	cps
Tin	118-1	21250	21901	21025	21392	2.13	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3567-16	Instrumnet Name :	P8
Client Sample ID :	JCEY7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:29:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10850	9689	9713	10084	6.58	cps
Uranium	238-1	158	83	158	133	32.47	cps
Vanadium	51-2	3884	3841	4077	3934	3.20	cps
Ytterbium	172-1	217	167	142	175	21.82	cps
Ytterbium	172-2	83	100	94	93	9.17	cps
Ytterbium	176-1	3684	3484	3142	3437	7.97	cps
Ytterbium	176-2	1839	1972	1961	1924	3.85	cps
Yttrium	89-1	35612048	35714578	36008027	35778218	0.57	cps
Yttrium	89-2	3101934	3121892	3159913	3127913	0.94	cps
Zinc	66-2	1710	1663	1683	1686	1.39	cps
Zirconium	90-1	3709	3734	4018	3820	4.49	cps
Zirconium	91-1	958	858	875	897	5.97	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435	377	347	387	11.50	cps
Antimony	121-1	342	300	442	361	20.16	cps
Arsenic	75-2	5	6	6	6	10.19	cps
Barium	135-1	300	292	242	278	11.36	cps
Barium	137-1	517	367	517	467	18.56	cps
Beryllium	9-1	58	50	42	50	16.00	cps
Bismuth	209-1	18995329	19148930	19136656	19093638	0.45	cps
Bismuth	209-2	8775727	8490660	8432709	8566365	2.14	cps
Boron	10-1	3650	3368	3420	3479	4.31	cps
Boron	11-1	16750	16058	15589	16132	3.62	cps
Bromine	81-1	11486	10695	10835	11006	3.84	cps
Cadmium	111-1	8132	7922	8526	8193	3.75	cps
Cadmium	106-1	11664	11363	12273	11766	3.94	cps
Cadmium	108-1	113	100	146	119	19.84	cps
Calcium	43-1	1779	1771	1864	1804	2.85	cps
Calcium	44-1	53475	53093	52372	52980	1.06	cps
Carbon	12-1	8865697	8935774	8806788	8869419	0.73	cps
Carbon	12-2	85633	88518	85424	86525	2.00	cps
Chlorine	35-1	405379	410807	406307	407498	0.71	cps
Chlorine	35-2	2092	2050	2084	2075	1.06	cps
Chromium	52-2	930	847	867	881	4.94	cps
Cobalt	59-2	230	283	240	251	11.29	cps
Copper	63-2	1243	1230	1270	1248	1.63	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	275	133	275	228	35.91	cps
Erbium	164-2	70	83	57	70	19.04	cps
Gadolinium	160-1	258	192	317	256	24.48	cps
Gadolinium	160-2	120	30	60	70	65.47	cps
Holmium	165-1	30139756	29619281	30465953	30074997	1.42	cps
Holmium	165-2	11748460	11469373	11180089	11465974	2.48	cps
Indium	115-1	25493636	26006792	25616116	25705515	1.04	cps
Indium	115-2	3177130	3113447	3046831	3112469	2.09	cps
Iron	54-2	772	806	672	750	9.25	cps
Iron	56-2	12561	12044	12189	12265	2.18	cps
Iron	57-2	283	322	344	317	9.77	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	727	707	717	717	1.40	cps
Lead	206-1	1678	1750	1556	1661	5.92	cps
Lead	207-1	1345	1461	1328	1378	5.27	cps
Lead	208-1	6651	6729	6212	6530	4.27	cps
Lithium	6-1	13046755	13210840	13164875	13140823	0.64	cps
Magnesium	24-2	867	675	733	758	12.96	cps
Manganese	55-2	247	180	110	179	38.20	cps
Molybdenum	94-1	792	767	875	811	6.99	cps
Molybdenum	95-1	50	33	42	42	20.00	cps
Molybdenum	96-1	192	208	142	181	19.22	cps
Molybdenum	97-1	42	50	25	39	32.73	cps
Molybdenum	98-1	108	75	133	106	27.73	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	170	183	160	171	6.84	cps
Phosphorus	31-2	117	142	183	147	22.88	cps
Potassium	39-2	13598	13256	13665	13507	1.62	cps
Rhodium	103-1	24000682	25336206	24294714	24543867	2.86	cps
Rhodium	103-2	10179211	9969808	9791909	9980310	1.94	cps
Scandium	45-1	18734739	18417568	18806653	18652987	1.11	cps
Scandium	45-2	496439	484468	483052	487987	1.51	cps
Selenium	82-1	11	-5	-25	-6	-300.45	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	29	16	23	28.51	cps
Silicon	28-1	414729	418259	419127	417372	0.56	cps
Silver	107-1	225	233	208	222	5.73	cps
Silver	109-1	42	58	75	58	28.57	cps
Sodium	23-2	39320	37666	37666	38217	2.50	cps
Strontium	86-1	1575	1642	1717	1645	4.31	cps
Strontium	88-1	3801	3801	4059	3887	3.84	cps
Sulfur	34-1	540379	545507	544394	543427	0.50	cps
Terbium	159-1	31618017	31374463	30625627	31206036	1.66	cps
Terbium	159-2	11482598	11469769	11265477	11405948	1.07	cps
Thallium	203-1	350	392	333	358	8.39	cps
Thallium	205-1	825	783	758	789	4.27	cps
Tin	118-1	858	842	1058	920	13.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-01	Instrumnet Name :	P8
Client Sample ID :	JCEW1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:32:17	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	283	233	258	9.68	cps
Uranium	238-1	0	42	25	22	94.38	cps
Vanadium	51-2	23	30	10	21	48.24	cps
Ytterbium	172-1	75	83	67	75	11.11	cps
Ytterbium	172-2	72	67	33	57	36.64	cps
Ytterbium	176-1	4142	3901	3851	3965	3.94	cps
Ytterbium	176-2	2039	1728	1911	1893	8.26	cps
Yttrium	89-1	40147759	40589754	39384207	40040573	1.52	cps
Yttrium	89-2	3472881	3438440	3345453	3418925	1.93	cps
Zinc	66-2	807	887	827	840	4.96	cps
Zirconium	90-1	2092	2300	2209	2200	4.75	cps
Zirconium	91-1	442	467	433	447	3.88	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680	624	672	659	4.64	cps
Antimony	121-1	208	358	358	308	28.09	cps
Arsenic	75-2	168	152	153	158	5.68	cps
Barium	135-1	14508	14358	14041	14302	1.67	cps
Barium	137-1	24564	24431	24807	24601	0.77	cps
Beryllium	9-1	60	38	54	51	22.45	cps
Bismuth	209-1	16853240	16956064	16660139	16823147	0.89	cps
Bismuth	209-2	7847242	7727495	7990878	7855205	1.68	cps
Boron	10-1	7394	7933	7823	7717	3.68	cps
Boron	11-1	34900	35748	36017	35555	1.64	cps
Bromine	81-1	12288	13060	13350	12899	4.26	cps
Cadmium	111-1	7417	7322	6687	7142	5.56	cps
Cadmium	106-1	10654	10538	9620	10271	5.51	cps
Cadmium	108-1	100	96	92	96	4.35	cps
Calcium	43-1	553353	549269	551853	551492	0.37	cps
Calcium	44-1	9016964	9087109	9067140	9057071	0.40	cps
Carbon	12-1	9963084	10704125	11501553	10722920	7.18	cps
Carbon	12-2	119695	119744	122786	120742	1.47	cps
Chlorine	35-1	435051	431885	432415	433117	0.39	cps
Chlorine	35-2	2642	2617	2867	2709	5.08	cps
Chromium	52-2	1343	1290	1363	1332	2.85	cps
Cobalt	59-2	390	363	347	367	5.96	cps
Copper	63-2	2734	2867	2810	2804	2.39	cps
Dysprosium	156-1	8	67	50	42	72.12	cps
Dysprosium	156-2	23	7	13	14	58.06	cps
Erbium	164-1	167	233	217	206	16.88	cps
Erbium	164-2	73	100	100	91	16.90	cps
Gadolinium	160-1	267	217	300	261	16.06	cps
Gadolinium	160-2	117	80	97	98	18.78	cps
Holmium	165-1	26772222	27878057	26730711	27126997	2.40	cps
Holmium	165-2	10934694	10630448	10588480	10717874	1.76	cps
Indium	115-1	23111855	23211934	22422617	22915469	1.88	cps
Indium	115-2	2975534	2945600	2899321	2940152	1.31	cps
Iron	54-2	7508	6968	7091	7189	3.93	cps
Iron	56-2	132808	135252	135128	134396	1.02	cps
Iron	57-2	3534	3417	3256	3402	4.10	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	630	740	677	8.40	cps
Lead	206-1	967	1011	895	957	6.15	cps
Lead	207-1	961	889	817	889	8.13	cps
Lead	208-1	4023	4278	4067	4123	3.31	cps
Lithium	6-1	11816201	12326953	11556584	11899913	3.29	cps
Magnesium	24-2	730742	717314	724698	724251	0.93	cps
Manganese	55-2	8716	8676	8679	8690	0.26	cps
Molybdenum	94-1	1142	967	1042	1050	8.36	cps
Molybdenum	95-1	417	467	308	397	20.38	cps
Molybdenum	96-1	567	617	542	575	6.64	cps
Molybdenum	97-1	267	142	175	194	33.29	cps
Molybdenum	98-1	500	558	625	561	11.15	cps
Neodymium	150-1	73	53	33	53	37.50	cps
Neodymium	150-2	20	17	10	16	32.73	cps
Nickel	60-2	277	210	267	251	14.32	cps
Phosphorus	31-2	192	175	183	183	4.54	cps
Potassium	39-2	85042	85722	83760	84841	1.17	cps
Rhodium	103-1	21574355	22025200	21192161	21597239	1.93	cps
Rhodium	103-2	9318633	9197969	9348843	9288482	0.86	cps
Scandium	45-1	16632663	17130515	16086404	16616527	3.14	cps
Scandium	45-2	449030	447184	443023	446412	0.69	cps
Selenium	82-1	79	46	-101	8	1194.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	22	17	18	20.03	cps
Silicon	28-1	72196904	72031887	75040550	73089780	2.31	cps
Silver	107-1	200	167	150	172	14.79	cps
Silver	109-1	33	108	58	67	57.29	cps
Sodium	23-2	2879542	2831707	2931407	2880885	1.73	cps
Strontium	86-1	336654	344680	344569	341968	1.35	cps
Strontium	88-1	2941385	3039122	3087326	3022611	2.46	cps
Sulfur	34-1	520222	511207	510898	514109	1.03	cps
Terbium	159-1	27828712	27975640	27881116	27895156	0.27	cps
Terbium	159-2	10829391	10604514	10543910	10659272	1.41	cps
Thallium	203-1	342	333	333	336	1.43	cps
Thallium	205-1	592	750	775	706	14.09	cps
Tin	118-1	1358	1175	1575	1370	14.62	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-02	Instrumnet Name :	P8
Client Sample ID :	JCEW3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:35:20	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1467	1417	1567	1484	5.15	cps
Uranium	238-1	83	92	42	72	37.09	cps
Vanadium	51-2	1573	1543	1587	1568	1.42	cps
Ytterbium	172-1	92	117	92	100	14.43	cps
Ytterbium	172-2	50	44	22	39	37.80	cps
Ytterbium	176-1	3359	3384	3284	3342	1.56	cps
Ytterbium	176-2	1756	1834	1711	1767	3.50	cps
Yttrium	89-1	35444343	35448679	35377006	35423343	0.11	cps
Yttrium	89-2	3173396	3123224	3105362	3133994	1.13	cps
Zinc	66-2	853	800	813	822	3.38	cps
Zirconium	90-1	2359	2400	2192	2317	4.76	cps
Zirconium	91-1	375	567	450	464	20.82	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : M3570-03 Instrumnet Name : P8
 Client Sample ID : JCEW4 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 15:38:17 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	657	654	701	11.28	cps
Antimony	121-1	375	367	375	372	1.29	cps
Arsenic	75-2	170	162	142	158	9.13	cps
Barium	135-1	14366	14541	14758	14555	1.35	cps
Barium	137-1	24765	25650	25450	25288	1.84	cps
Beryllium	9-1	58	48	36	47	23.28	cps
Bismuth	209-1	17023395	17136538	17223571	17127835	0.59	cps
Bismuth	209-2	7870599	7907499	7792266	7856788	0.75	cps
Boron	10-1	7637	7915	8039	7863	2.62	cps
Boron	11-1	35069	35616	36380	35688	1.85	cps
Bromine	81-1	12799	13170	14081	13350	4.94	cps
Cadmium	111-1	7371	7265	7188	7275	1.26	cps
Cadmium	106-1	10579	10471	10271	10440	1.50	cps
Cadmium	108-1	79	104	50	78	34.86	cps
Calcium	43-1	558598	553013	552967	554860	0.58	cps
Calcium	44-1	9237256	9143659	9254306	9211740	0.65	cps
Carbon	12-1	10805055	11523572	12283737	11537455	6.41	cps
Carbon	12-2	125013	127887	130016	127638	1.97	cps
Chlorine	35-1	418896	427178	431785	425953	1.53	cps
Chlorine	35-2	2484	2650	2325	2486	6.54	cps
Chromium	52-2	1330	1467	1290	1362	6.80	cps
Cobalt	59-2	377	473	443	431	11.48	cps
Copper	63-2	2737	2554	2707	2666	3.69	cps
Dysprosium	156-1	50	58	75	61	20.83	cps
Dysprosium	156-2	20	3	33	19	79.59	cps
Erbium	164-1	208	325	242	258	23.26	cps
Erbium	164-2	73	50	87	70	26.51	cps
Gadolinium	160-1	275	333	225	278	19.52	cps
Gadolinium	160-2	70	90	90	83	13.86	cps
Holmium	165-1	27728525	27636422	27902331	27755759	0.49	cps
Holmium	165-2	10788731	10565797	10736623	10697050	1.09	cps
Indium	115-1	23324581	23922704	22840824	23362703	2.32	cps
Indium	115-2	2831465	2878949	2884187	2864867	1.01	cps
Iron	54-2	7830	7574	7730	7711	1.67	cps
Iron	56-2	138112	138847	139779	138913	0.60	cps
Iron	57-2	3400	3512	3556	3489	2.30	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-03	Instrumnet Name :	P8
Client Sample ID :	JCEW4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:38:17	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	643	600	651	8.51	cps
Lead	206-1	1022	995	1006	1007	1.39	cps
Lead	207-1	922	889	783	865	8.38	cps
Lead	208-1	4189	4050	3950	4063	2.95	cps
Lithium	6-1	12209116	12006992	11960193	12058767	1.10	cps
Magnesium	24-2	724082	727233	742458	731257	1.34	cps
Manganese	55-2	9160	8830	8763	8917	2.38	cps
Molybdenum	94-1	967	925	992	961	3.51	cps
Molybdenum	95-1	433	392	442	422	6.35	cps
Molybdenum	96-1	492	533	542	522	5.13	cps
Molybdenum	97-1	233	167	267	222	22.91	cps
Molybdenum	98-1	500	567	575	547	7.51	cps
Neodymium	150-1	47	53	47	49	7.86	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	283	263	290	279	4.98	cps
Phosphorus	31-2	208	225	133	189	25.85	cps
Potassium	39-2	85336	84891	83240	84489	1.31	cps
Rhodium	103-1	22274337	22302424	22180663	22252475	0.29	cps
Rhodium	103-2	9078617	9403172	9096890	9192893	1.98	cps
Scandium	45-1	16781079	16784616	16872164	16812620	0.31	cps
Scandium	45-2	445731	449314	448132	447726	0.41	cps
Selenium	82-1	-65	-3	48	-6	-874.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	16	25	20	20	22.18	cps
Silicon	28-1	74200595	73438837	75193089	74277507	1.18	cps
Silver	107-1	183	158	200	181	11.62	cps
Silver	109-1	50	75	33	53	39.74	cps
Sodium	23-2	2852272	2900381	2925962	2892872	1.29	cps
Strontium	86-1	343751	344241	348324	345438	0.73	cps
Strontium	88-1	3021192	2977886	3020847	3006642	0.83	cps
Sulfur	34-1	510191	507060	505776	507676	0.45	cps
Terbium	159-1	28412307	29120995	28834938	28789413	1.24	cps
Terbium	159-2	10640810	10601174	10512705	10584896	0.62	cps
Thallium	203-1	267	258	367	297	20.28	cps
Thallium	205-1	667	758	800	742	9.20	cps
Tin	118-1	1242	1442	1433	1372	8.25	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-03	Instrumnet Name :	P8
Client Sample ID :	JCEW4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:38:17	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1133	1342	1158	1211	9.39	cps
Uranium	238-1	125	75	92	97	26.19	cps
Vanadium	51-2	1567	1710	1700	1659	4.82	cps
Ytterbium	172-1	125	117	158	133	16.54	cps
Ytterbium	172-2	61	22	44	43	45.81	cps
Ytterbium	176-1	3384	3342	3259	3328	1.91	cps
Ytterbium	176-2	1700	1995	1878	1858	7.98	cps
Yttrium	89-1	35368094	35906089	35400079	35558087	0.85	cps
Yttrium	89-2	3090348	3184849	3072486	3115894	1.94	cps
Zinc	66-2	1100	1037	1183	1107	6.65	cps
Zirconium	90-1	2517	2175	2693	2462	10.69	cps
Zirconium	91-1	458	467	383	436	10.52	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581	580	530	564	5.19	cps
Antimony	121-1	833	775	808	806	3.63	cps
Arsenic	75-2	504	490	489	494	1.70	cps
Barium	135-1	21025	20182	19907	20371	2.86	cps
Barium	137-1	36383	37219	35924	36508	1.80	cps
Beryllium	9-1	62	56	44	54	16.98	cps
Bismuth	209-1	15962279	16883201	15645011	16163497	3.98	cps
Bismuth	209-2	7986187	7908603	7770643	7888478	1.38	cps
Boron	10-1	12993	13610	13736	13446	2.95	cps
Boron	11-1	58223	61930	62349	60834	3.73	cps
Bromine	81-1	15374	15935	16266	15859	2.84	cps
Cadmium	111-1	6482	7266	6878	6875	5.71	cps
Cadmium	106-1	9387	10412	9879	9893	5.19	cps
Cadmium	108-1	133	92	83	103	26.06	cps
Calcium	43-1	510621	502556	506553	506577	0.80	cps
Calcium	44-1	8065228	8369302	8318463	8250998	1.97	cps
Carbon	12-1	10245222	10827392	11268880	10780498	4.76	cps
Carbon	12-2	119445	122727	125382	122518	2.43	cps
Chlorine	35-1	405336	408688	418331	410785	1.64	cps
Chlorine	35-2	2317	2500	2442	2420	3.87	cps
Chromium	52-2	1817	1717	1893	1809	4.90	cps
Cobalt	59-2	293	333	363	330	10.64	cps
Copper	63-2	3954	3804	4054	3937	3.20	cps
Dysprosium	156-1	83	42	75	67	33.07	cps
Dysprosium	156-2	30	20	30	27	21.65	cps
Erbium	164-1	108	275	208	197	42.53	cps
Erbium	164-2	97	100	110	102	6.79	cps
Gadolinium	160-1	233	225	283	247	12.76	cps
Gadolinium	160-2	87	87	70	81	11.87	cps
Holmium	165-1	25022353	27682039	25525900	26076764	5.42	cps
Holmium	165-2	10818174	10856023	10636709	10770302	1.09	cps
Indium	115-1	22134777	23062215	21967933	22388308	2.63	cps
Indium	115-2	2937195	2865795	2765394	2856128	3.02	cps
Iron	54-2	8130	7786	8225	8047	2.87	cps
Iron	56-2	148174	148015	146961	147717	0.45	cps
Iron	57-2	3834	3762	3628	3741	2.79	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	793	773	759	5.73	cps
Lead	206-1	1161	1106	1222	1163	5.02	cps
Lead	207-1	1039	1061	1028	1043	1.63	cps
Lead	208-1	4645	4806	4739	4730	1.71	cps
Lithium	6-1	10907150	11927497	11227402	11354016	4.60	cps
Magnesium	24-2	724398	710688	712771	715952	1.03	cps
Manganese	55-2	9460	9433	9296	9396	0.93	cps
Molybdenum	94-1	1033	1083	975	1031	5.26	cps
Molybdenum	95-1	483	417	483	461	8.35	cps
Molybdenum	96-1	817	633	650	700	14.48	cps
Molybdenum	97-1	267	300	283	283	5.88	cps
Molybdenum	98-1	875	883	808	856	4.81	cps
Neodymium	150-1	73	73	113	87	26.64	cps
Neodymium	150-2	13	27	23	21	32.88	cps
Nickel	60-2	490	500	583	524	9.77	cps
Phosphorus	31-2	167	233	233	211	18.23	cps
Potassium	39-2	85955	86819	85789	86188	0.64	cps
Rhodium	103-1	20872199	21709655	20994097	21191984	2.13	cps
Rhodium	103-2	9352011	9209171	9111663	9224282	1.31	cps
Scandium	45-1	15757387	16822650	15762019	16114019	3.81	cps
Scandium	45-2	453485	449524	448263	450424	0.61	cps
Selenium	82-1	-19	-133	-11	-54	-126.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	26	31	26	28	10.43	cps
Silicon	28-1	62082831	61320141	60205783	61202918	1.54	cps
Silver	107-1	175	208	200	194	8.92	cps
Silver	109-1	42	75	33	50	44.10	cps
Sodium	23-2	3097164	3126467	3118276	3113969	0.49	cps
Strontium	86-1	336786	342091	333870	337582	1.23	cps
Strontium	88-1	3040503	2964508	2884915	2963309	2.63	cps
Sulfur	34-1	572846	566589	555866	565100	1.52	cps
Terbium	159-1	26500201	27639428	26154180	26764603	2.90	cps
Terbium	159-2	10837822	10556666	10257754	10550747	2.75	cps
Thallium	203-1	150	325	242	239	36.64	cps
Thallium	205-1	533	550	617	567	7.78	cps
Tin	118-1	1608	1350	1508	1489	8.75	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04	Instrumnet Name :	P8
Client Sample ID :	JCEW6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:44:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1142	1108	1242	1164	5.96	cps
Uranium	238-1	125	117	125	122	3.93	cps
Vanadium	51-2	2747	2890	2887	2841	2.88	cps
Ytterbium	172-1	133	58	108	100	38.19	cps
Ytterbium	172-2	33	33	44	37	17.33	cps
Ytterbium	176-1	3359	3267	3334	3320	1.43	cps
Ytterbium	176-2	2178	2322	1950	2150	8.73	cps
Yttrium	89-1	33413425	36072565	32470475	33985488	5.50	cps
Yttrium	89-2	3227713	3217443	3206173	3217110	0.33	cps
Zinc	66-2	1990	1883	2120	1998	5.93	cps
Zirconium	90-1	2284	2275	1900	2153	10.17	cps
Zirconium	91-1	542	425	458	475	12.65	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2424	2404	2506	2444	2.22	cps
Antimony	121-1	667	792	825	761	10.97	cps
Arsenic	75-2	475	521	552	516	7.51	cps
Barium	135-1	19840	20424	20124	20129	1.45	cps
Barium	137-1	35681	34587	36233	35500	2.36	cps
Beryllium	9-1	58	40	62	53	21.98	cps
Bismuth	209-1	17198749	16912949	17233656	17115118	1.03	cps
Bismuth	209-2	8026418	7759171	7755091	7846893	1.98	cps
Boron	10-1	13502	13652	14022	13725	1.95	cps
Boron	11-1	61235	63659	64731	63208	2.83	cps
Bromine	81-1	15755	16356	16156	16089	1.90	cps
Cadmium	111-1	6987	7214	6653	6951	4.06	cps
Cadmium	106-1	10087	10371	9537	9998	4.24	cps
Cadmium	108-1	142	83	63	96	42.82	cps
Calcium	43-1	496979	502092	506906	501992	0.99	cps
Calcium	44-1	8168753	8096225	8253945	8172975	0.97	cps
Carbon	12-1	10582705	11172814	11568417	11107978	4.47	cps
Carbon	12-2	122979	120711	125493	123061	1.94	cps
Chlorine	35-1	409823	414653	417783	414086	0.97	cps
Chlorine	35-2	2284	2642	2375	2434	7.65	cps
Chromium	52-2	1790	1743	1737	1757	1.65	cps
Cobalt	59-2	277	333	317	309	9.43	cps
Copper	63-2	3354	3370	3190	3305	3.01	cps
Dysprosium	156-1	100	67	25	64	58.82	cps
Dysprosium	156-2	53	40	33	42	24.12	cps
Erbium	164-1	258	275	158	231	27.37	cps
Erbium	164-2	67	113	67	82	32.77	cps
Gadolinium	160-1	292	275	242	269	9.45	cps
Gadolinium	160-2	83	73	63	73	13.64	cps
Holmium	165-1	26465037	28024043	27339781	27276287	2.86	cps
Holmium	165-2	10785314	10417636	10654590	10619180	1.76	cps
Indium	115-1	23296594	23340572	22604818	23080661	1.79	cps
Indium	115-2	2902280	2800651	2829310	2844080	1.84	cps
Iron	54-2	8036	8425	7991	8151	2.93	cps
Iron	56-2	146069	145284	144444	145265	0.56	cps
Iron	57-2	3701	3606	3773	3693	2.26	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	647	700	692	6.10	cps
Lead	206-1	1017	1133	978	1043	7.77	cps
Lead	207-1	961	822	1000	928	10.07	cps
Lead	208-1	4367	4067	4495	4310	5.10	cps
Lithium	6-1	11832884	11920371	11809409	11854221	0.49	cps
Magnesium	24-2	699832	704057	694315	699401	0.70	cps
Manganese	55-2	9480	8886	9727	9364	4.61	cps
Molybdenum	94-1	933	917	1025	958	6.09	cps
Molybdenum	95-1	458	633	475	522	18.50	cps
Molybdenum	96-1	525	792	675	664	20.14	cps
Molybdenum	97-1	383	258	267	303	23.08	cps
Molybdenum	98-1	633	775	767	725	10.96	cps
Neodymium	150-1	40	107	100	82	44.66	cps
Neodymium	150-2	17	13	27	19	36.75	cps
Nickel	60-2	603	650	663	639	4.93	cps
Phosphorus	31-2	200	208	250	219	12.21	cps
Potassium	39-2	85897	84682	85487	85355	0.72	cps
Rhodium	103-1	21789499	21976369	21584881	21783583	0.90	cps
Rhodium	103-2	9259421	9187502	9224258	9223727	0.39	cps
Scandium	45-1	16875996	16847884	16374592	16699491	1.69	cps
Scandium	45-2	455806	445287	450212	450435	1.17	cps
Selenium	82-1	-40	58	-32	-5	-1164.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	25	23	25	9.93	cps
Silicon	28-1	60245495	61016397	60482353	60581415	0.65	cps
Silver	107-1	142	183	158	161	13.02	cps
Silver	109-1	33	67	58	53	32.88	cps
Sodium	23-2	3017162	3105961	3092077	3071733	1.56	cps
Strontium	86-1	334603	327297	332453	331451	1.13	cps
Strontium	88-1	3004494	2878867	2908285	2930549	2.24	cps
Sulfur	34-1	564526	558763	554639	559309	0.89	cps
Terbium	159-1	28490130	28104944	27675420	28090165	1.45	cps
Terbium	159-2	10715209	10417849	10439090	10524050	1.58	cps
Thallium	203-1	308	192	233	244	24.19	cps
Thallium	205-1	550	658	475	561	16.43	cps
Tin	118-1	1383	1492	1558	1478	5.98	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-05	Instrumnet Name :	P8
Client Sample ID :	JCEW6D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:47:25	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1058	1167	917	1047	11.97	cps
Uranium	238-1	67	108	67	81	29.86	cps
Vanadium	51-2	2720	2724	2847	2764	2.61	cps
Ytterbium	172-1	117	67	108	97	27.55	cps
Ytterbium	172-2	67	50	56	57	14.78	cps
Ytterbium	176-1	3050	3509	3509	3356	7.89	cps
Ytterbium	176-2	1884	2011	1961	1952	3.30	cps
Yttrium	89-1	35741208	36357445	34850502	35649718	2.13	cps
Yttrium	89-2	3112038	3093227	3168569	3124611	1.25	cps
Zinc	66-2	1103	1077	1103	1095	1.41	cps
Zirconium	90-1	2400	2367	2517	2428	3.24	cps
Zirconium	91-1	483	400	375	419	13.53	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245	210	225	227	7.75	cps
Antimony	121-1	192	283	208	228	21.44	cps
Arsenic	75-2	94	109	120	108	12.12	cps
Barium	135-1	4334	4393	4276	4334	1.35	cps
Barium	137-1	7277	7702	7794	7591	3.63	cps
Beryllium	9-1	40	40	46	42	8.25	cps
Bismuth	209-1	17631740	17463891	16904485	17333372	2.20	cps
Bismuth	209-2	8190653	7959951	7818088	7989564	2.35	cps
Boron	10-1	4674	5002	4788	4821	3.45	cps
Boron	11-1	22046	22431	21992	22156	1.08	cps
Bromine	81-1	12008	11927	12178	12038	1.06	cps
Cadmium	111-1	6862	7471	7211	7182	4.26	cps
Cadmium	106-1	9837	10713	10363	10304	4.28	cps
Cadmium	108-1	88	117	121	108	16.77	cps
Calcium	43-1	100409	101538	100769	100905	0.57	cps
Calcium	44-1	1676334	1722367	1726990	1708563	1.64	cps
Carbon	12-1	8500606	8340694	8440087	8427129	0.96	cps
Carbon	12-2	85531	85391	84292	85071	0.80	cps
Chlorine	35-1	386393	388097	383926	386139	0.54	cps
Chlorine	35-2	2100	2259	2450	2270	7.72	cps
Chromium	52-2	1103	1163	1083	1117	3.73	cps
Cobalt	59-2	110	127	117	118	7.12	cps
Copper	63-2	1620	1530	1517	1556	3.61	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	217	192	150	186	18.09	cps
Erbium	164-2	33	47	67	49	34.32	cps
Gadolinium	160-1	192	258	250	233	15.57	cps
Gadolinium	160-2	70	57	63	63	10.52	cps
Holmium	165-1	28325368	27497653	26925680	27582900	2.55	cps
Holmium	165-2	10932939	10961921	10708657	10867839	1.28	cps
Indium	115-1	24397545	24189382	23698739	24095222	1.49	cps
Indium	115-2	2913044	2903710	2895578	2904111	0.30	cps
Iron	54-2	1967	1845	1883	1898	3.29	cps
Iron	56-2	33016	31090	31530	31879	3.17	cps
Iron	57-2	911	839	811	854	6.05	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	780	700	730	5.97	cps
Lead	206-1	1128	1189	1122	1146	3.23	cps
Lead	207-1	806	967	1078	950	14.41	cps
Lead	208-1	4373	4762	4578	4571	4.26	cps
Lithium	6-1	11994840	11981694	11518222	11831585	2.29	cps
Magnesium	24-2	139792	141636	136235	139221	1.97	cps
Manganese	55-2	1947	2064	2067	2026	3.37	cps
Molybdenum	94-1	667	833	658	719	13.72	cps
Molybdenum	95-1	108	92	142	114	22.35	cps
Molybdenum	96-1	308	283	375	322	14.71	cps
Molybdenum	97-1	33	100	83	72	48.04	cps
Molybdenum	98-1	233	225	150	203	22.63	cps
Neodymium	150-1	40	13	33	29	48.05	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	153	173	167	164	6.19	cps
Phosphorus	31-2	175	183	100	153	30.04	cps
Potassium	39-2	27460	27535	27510	27502	0.14	cps
Rhodium	103-1	22812661	23017982	22404759	22745134	1.37	cps
Rhodium	103-2	9386964	9369794	9249165	9335308	0.80	cps
Scandium	45-1	17142529	17023557	17030392	17065493	0.39	cps
Scandium	45-2	457098	459172	451517	455929	0.87	cps
Selenium	82-1	26	-75	-43	-31	-168.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	16	14	20	43.59	cps
Silicon	28-1	12369657	12273691	12355756	12333035	0.42	cps
Silver	107-1	208	208	175	197	9.76	cps
Silver	109-1	42	67	50	53	24.12	cps
Sodium	23-2	618963	633545	625788	626098	1.17	cps
Strontium	86-1	68594	67019	70093	68569	2.24	cps
Strontium	88-1	578352	570335	583345	577344	1.14	cps
Sulfur	34-1	543971	543541	534820	540777	0.95	cps
Terbium	159-1	28942263	28004217	28988155	28644878	1.94	cps
Terbium	159-2	10783076	10930780	10602616	10772157	1.53	cps
Thallium	203-1	175	250	333	253	31.33	cps
Thallium	205-1	683	592	683	653	8.11	cps
Tin	118-1	1167	1158	1959	1428	32.18	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-04LX5	Instrumnet Name :	P8
Client Sample ID :	JCEW6L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-30 15:50:23	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	450	650	547	18.30	cps
Uranium	238-1	33	42	33	36	13.33	cps
Vanadium	51-2	527	527	533	529	0.73	cps
Ytterbium	172-1	67	75	58	67	12.49	cps
Ytterbium	172-2	28	33	17	26	32.72	cps
Ytterbium	176-1	3442	3659	3567	3556	3.06	cps
Ytterbium	176-2	1889	2006	1906	1934	3.26	cps
Yttrium	89-1	36881499	37041476	35912159	36611711	1.67	cps
Yttrium	89-2	3213497	3183650	3208637	3201928	0.50	cps
Zinc	66-2	883	797	770	817	7.26	cps
Zirconium	90-1	2142	2009	2209	2120	4.80	cps
Zirconium	91-1	458	450	442	450	1.85	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168056	169788	168160	168668	0.58	cps
Antimony	121-1	1153795	1155223	1171063	1160027	0.83	cps
Arsenic	75-2	12960	12597	12606	12721	1.63	cps
Barium	135-1	5688633	5591635	5662838	5647702	0.89	cps
Barium	137-1	9773409	9819172	9810950	9801177	0.25	cps
Beryllium	9-1	204991	204508	204330	204610	0.17	cps
Bismuth	209-1	16829844	17321040	16815479	16988788	1.69	cps
Bismuth	209-2	7833483	7870363	7871881	7858575	0.28	cps
Boron	10-1	12751	13349	13816	13305	4.01	cps
Boron	11-1	59727	63570	65617	62971	4.75	cps
Bromine	81-1	13611	14783	15334	14576	6.04	cps
Cadmium	111-1	168590	172324	168846	169920	1.23	cps
Cadmium	106-1	24806	25867	24681	25118	2.59	cps
Cadmium	108-1	10454	10742	10633	10610	1.37	cps
Calcium	43-1	509716	513112	514720	512516	0.50	cps
Calcium	44-1	8332608	8510198	8431860	8424889	1.06	cps
Carbon	12-1	10202630	11249406	11609283	11020440	6.63	cps
Carbon	12-2	122904	125063	125089	124352	1.01	cps
Chlorine	35-1	5472550	6952218	7979594	6801454	18.53	cps
Chlorine	35-2	58711	63331	68455	63499	7.68	cps
Chromium	52-2	668062	657274	660912	662082	0.83	cps
Cobalt	59-2	3149837	3201672	3163465	3171658	0.85	cps
Copper	63-2	1180173	1183908	1181444	1181842	0.16	cps
Dysprosium	156-1	158	108	117	128	20.96	cps
Dysprosium	156-2	47	30	37	38	22.21	cps
Erbium	164-1	217	200	225	214	5.95	cps
Erbium	164-2	73	77	70	73	4.55	cps
Gadolinium	160-1	283	292	308	294	4.32	cps
Gadolinium	160-2	93	117	73	94	22.97	cps
Holmium	165-1	27426694	27086733	27305000	27272809	0.63	cps
Holmium	165-2	10730564	10894352	10972154	10865690	1.13	cps
Indium	115-1	23179330	23510775	23630543	23440216	1.00	cps
Indium	115-2	2830063	2936825	2927779	2898222	2.04	cps
Iron	54-2	175506	176506	175667	175893	0.31	cps
Iron	56-2	2877747	2857921	2821277	2852315	1.00	cps
Iron	57-2	69821	68949	67035	68602	2.08	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	717	673	683	4.34	cps
Lead	206-1	182643	183491	181183	182439	0.64	cps
Lead	207-1	152583	150265	153585	152144	1.12	cps
Lead	208-1	716780	714725	722533	718013	0.56	cps
Lithium	6-1	11633137	11434887	11717143	11595056	1.25	cps
Magnesium	24-2	730220	721128	713781	721710	1.14	cps
Manganese	55-2	756148	755948	766158	759418	0.77	cps
Molybdenum	94-1	1133	1292	1233	1220	6.57	cps
Molybdenum	95-1	717	725	825	756	7.98	cps
Molybdenum	96-1	1058	1108	1250	1139	8.73	cps
Molybdenum	97-1	450	542	508	500	9.28	cps
Molybdenum	98-1	1342	1408	1283	1345	4.65	cps
Neodymium	150-1	280	300	320	300	6.67	cps
Neodymium	150-2	23	47	30	33	36.07	cps
Nickel	60-2	843381	845997	848566	845982	0.31	cps
Phosphorus	31-2	217	183	258	219	17.12	cps
Potassium	39-2	89117	90022	89033	89391	0.61	cps
Rhodium	103-1	22252755	22315364	22042556	22203558	0.64	cps
Rhodium	103-2	9035753	9316340	9310180	9220758	1.74	cps
Scandium	45-1	17144508	16980597	16976920	17034008	0.56	cps
Scandium	45-2	449692	455166	454117	452992	0.64	cps
Selenium	82-1	25042	25283	24985	25103	0.63	cps
Selenium	77-2	627	600	600	609	2.53	cps
Selenium	78-2	1948	1921	2119	1996	5.38	cps
Silicon	28-1	61970910	63455114	62777937	62734653	1.18	cps
Silver	107-1	788681	792528	800218	793809	0.74	cps
Silver	109-1	768143	783064	784578	778595	1.17	cps
Sodium	23-2	3170498	3160512	3099494	3143501	1.22	cps
Strontium	86-1	342880	340784	337215	340293	0.84	cps
Strontium	88-1	2970047	2988174	3029672	2995965	1.02	cps
Sulfur	34-1	555371	549219	544324	549638	1.01	cps
Terbium	159-1	29083026	28391364	28412196	28628862	1.37	cps
Terbium	159-2	10596868	10691815	10648693	10645792	0.45	cps
Thallium	203-1	548732	557674	552670	553026	0.81	cps
Thallium	205-1	1300150	1327990	1315173	1314437	1.06	cps
Tin	118-1	1950	1934	2434	2106	13.49	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-06	Instrumnet Name :	P8
Client Sample ID :	JCEW6S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:53:23	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1317	1225	1350	1297	4.99	cps
Uranium	238-1	83	142	142	122	27.55	cps
Vanadium	51-2	1336077	1311238	1331091	1326135	0.99	cps
Ytterbium	172-1	133	75	117	108	27.74	cps
Ytterbium	172-2	28	50	50	43	30.12	cps
Ytterbium	176-1	3200	3351	3017	3189	5.24	cps
Ytterbium	176-2	1817	1950	1761	1843	5.27	cps
Yttrium	89-1	36315541	36686745	36002483	36334923	0.94	cps
Yttrium	89-2	3088267	3224184	3160562	3157671	2.15	cps
Zinc	66-2	274099	272812	273833	273581	0.25	cps
Zirconium	90-1	2367	2309	3169	2615	18.38	cps
Zirconium	91-1	625	625	533	594	8.90	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : M3570-07 Instrumnet Name : P8
 Client Sample ID : JCEW8 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 15:56:17 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	471	486	436	465	5.52	cps
Antimony	121-1	408	350	300	353	15.37	cps
Arsenic	75-2	110	137	160	136	18.45	cps
Barium	135-1	15351	15117	15234	15234	0.77	cps
Barium	137-1	25875	24999	25433	25435	1.72	cps
Beryllium	9-1	78	66	54	66	18.18	cps
Bismuth	209-1	16947444	17622105	17433050	17334200	2.01	cps
Bismuth	209-2	7726785	7806577	7969827	7834396	1.58	cps
Boron	10-1	13614	14234	14296	14048	2.69	cps
Boron	11-1	61430	64673	64548	63550	2.89	cps
Bromine	81-1	14432	14292	15013	14579	2.62	cps
Cadmium	111-1	6982	7166	7237	7128	1.84	cps
Cadmium	106-1	10004	10237	10337	10193	1.68	cps
Cadmium	108-1	71	54	58	61	14.19	cps
Calcium	43-1	410901	412065	411372	411446	0.14	cps
Calcium	44-1	6748779	6714835	6606882	6690166	1.11	cps
Carbon	12-1	10180180	10831565	11278625	10763456	5.13	cps
Carbon	12-2	119669	122070	117846	119862	1.77	cps
Chlorine	35-1	2659326	2483994	2350017	2497779	6.21	cps
Chlorine	35-2	13306	12831	12506	12881	3.13	cps
Chromium	52-2	1910	1940	2040	1963	3.47	cps
Cobalt	59-2	340	377	393	370	7.37	cps
Copper	63-2	2934	2647	2694	2758	5.58	cps
Dysprosium	156-1	108	75	50	78	37.63	cps
Dysprosium	156-2	33	23	17	24	34.31	cps
Erbium	164-1	267	175	325	256	29.59	cps
Erbium	164-2	130	97	77	101	26.64	cps
Gadolinium	160-1	167	375	258	267	39.16	cps
Gadolinium	160-2	57	53	83	64	25.51	cps
Holmium	165-1	27544282	27495880	27745582	27595248	0.48	cps
Holmium	165-2	10740871	10834023	10803859	10792918	0.44	cps
Indium	115-1	23267899	23643273	23526707	23479293	0.82	cps
Indium	115-2	2834184	2870630	2871048	2858621	0.74	cps
Iron	54-2	2595	2361	2311	2422	6.24	cps
Iron	56-2	41182	41438	41997	41539	1.00	cps
Iron	57-2	989	1122	1233	1115	10.98	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-07	Instrumnet Name :	P8
Client Sample ID :	JCEW8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:56:17	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	737	757	709	9.34	cps
Lead	206-1	889	983	995	956	6.07	cps
Lead	207-1	850	828	856	844	1.74	cps
Lead	208-1	3795	3722	3761	3760	0.96	cps
Lithium	6-1	12026315	11260535	11969843	11752231	3.63	cps
Magnesium	24-2	614114	617207	620159	617160	0.49	cps
Manganese	55-2	2844	3164	2780	2929	7.02	cps
Molybdenum	94-1	1242	1033	1233	1170	10.09	cps
Molybdenum	95-1	525	625	583	578	8.69	cps
Molybdenum	96-1	750	725	758	744	2.33	cps
Molybdenum	97-1	325	450	392	389	16.08	cps
Molybdenum	98-1	800	858	975	878	10.15	cps
Neodymium	150-1	100	60	60	73	31.49	cps
Neodymium	150-2	17	23	7	16	53.90	cps
Nickel	60-2	537	580	600	572	5.66	cps
Phosphorus	31-2	167	233	200	200	16.67	cps
Potassium	39-2	83886	83374	82712	83324	0.71	cps
Rhodium	103-1	22513068	22634333	22757019	22634806	0.54	cps
Rhodium	103-2	9027579	9169229	9220285	9139031	1.09	cps
Scandium	45-1	16785233	16808741	16832446	16808807	0.14	cps
Scandium	45-2	440220	448925	454035	447727	1.56	cps
Selenium	82-1	45	-80	-53	-29	-225.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	34	26	27	22.35	cps
Silicon	28-1	64156604	63280783	65030387	64155924	1.36	cps
Silver	107-1	850	667	533	683	23.27	cps
Silver	109-1	583	575	483	547	10.14	cps
Sodium	23-2	2725683	2739211	2784704	2749866	1.12	cps
Strontium	86-1	249807	244601	239380	244596	2.13	cps
Strontium	88-1	2184126	2227544	2170088	2193920	1.37	cps
Sulfur	34-1	501652	502494	500724	501623	0.18	cps
Terbium	159-1	28351925	28385071	29015320	28584105	1.31	cps
Terbium	159-2	10326807	10381315	10702490	10470204	1.94	cps
Thallium	203-1	400	542	442	461	15.79	cps
Thallium	205-1	917	775	842	844	8.39	cps
Tin	118-1	1675	1642	1809	1708	5.16	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-07	Instrumnet Name :	P8
Client Sample ID :	JCEW8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:56:17	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1258	1150	1292	1233	6.01	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	3040	2774	2734	2849	5.85	cps
Ytterbium	172-1	42	100	67	69	42.14	cps
Ytterbium	172-2	22	50	44	39	37.80	cps
Ytterbium	176-1	3534	3226	3367	3376	4.57	cps
Ytterbium	176-2	1672	1861	1761	1765	5.35	cps
Yttrium	89-1	36538415	36327116	36435189	36433574	0.29	cps
Yttrium	89-2	3122125	3168719	3194920	3161921	1.17	cps
Zinc	66-2	1160	1167	1087	1138	3.90	cps
Zirconium	90-1	2367	2384	2509	2420	3.20	cps
Zirconium	91-1	350	458	550	453	22.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797	772	786	785	1.59	cps
Antimony	121-1	200	242	233	225	9.80	cps
Arsenic	75-2	88	95	94	92	4.10	cps
Barium	135-1	10096	11113	10438	10549	4.91	cps
Barium	137-1	18931	18171	19098	18733	2.64	cps
Beryllium	9-1	42	36	22	33	30.78	cps
Bismuth	209-1	17290667	17182078	17521841	17331528	1.00	cps
Bismuth	209-2	7898412	7777897	8056083	7910797	1.76	cps
Boron	10-1	12355	13984	13379	13239	6.22	cps
Boron	11-1	58880	61295	62588	60921	3.09	cps
Bromine	81-1	13701	14843	14402	14315	4.02	cps
Cadmium	111-1	7406	6733	7415	7185	5.45	cps
Cadmium	106-1	10596	9637	10604	10279	5.41	cps
Cadmium	108-1	33	54	42	43	24.36	cps
Calcium	43-1	407066	409088	407489	407881	0.26	cps
Calcium	44-1	6638415	6569624	6522818	6576952	0.88	cps
Carbon	12-1	10491397	10983399	11490392	10988396	4.55	cps
Carbon	12-2	121003	121730	122988	121907	0.82	cps
Chlorine	35-1	1488384	1456727	1428411	1457841	2.06	cps
Chlorine	35-2	8161	8286	8161	8203	0.88	cps
Chromium	52-2	1337	1333	1387	1352	2.21	cps
Cobalt	59-2	207	207	300	238	22.66	cps
Copper	63-2	2450	2720	2647	2606	5.36	cps
Dysprosium	156-1	83	83	42	69	34.64	cps
Dysprosium	156-2	23	7	27	19	56.72	cps
Erbium	164-1	250	283	242	258	8.53	cps
Erbium	164-2	100	77	100	92	14.61	cps
Gadolinium	160-1	367	200	292	286	29.17	cps
Gadolinium	160-2	67	70	97	78	21.14	cps
Holmium	165-1	27400393	28200853	28230770	27944005	1.69	cps
Holmium	165-2	10876674	10808920	10588591	10758062	1.40	cps
Indium	115-1	23897929	23741498	24189156	23942861	0.95	cps
Indium	115-2	2841991	2868591	2935880	2882154	1.68	cps
Iron	54-2	2439	2678	2389	2502	6.17	cps
Iron	56-2	41689	39956	41048	40898	2.14	cps
Iron	57-2	1017	1045	1172	1078	7.70	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	633	700	656	5.87	cps
Lead	206-1	878	950	939	922	4.22	cps
Lead	207-1	789	906	806	833	7.57	cps
Lead	208-1	3667	4039	3667	3791	5.67	cps
Lithium	6-1	11840802	11950334	11815930	11869022	0.60	cps
Magnesium	24-2	606721	596982	606991	603565	0.94	cps
Manganese	55-2	3921	3894	4024	3946	1.74	cps
Molybdenum	94-1	992	1083	1158	1078	7.75	cps
Molybdenum	95-1	658	608	492	586	14.59	cps
Molybdenum	96-1	650	750	700	700	7.14	cps
Molybdenum	97-1	442	483	358	428	14.88	cps
Molybdenum	98-1	1050	842	917	936	11.27	cps
Neodymium	150-1	47	40	60	49	20.83	cps
Neodymium	150-2	20	33	10	21	55.45	cps
Nickel	60-2	303	243	327	291	14.77	cps
Phosphorus	31-2	183	200	283	222	24.11	cps
Potassium	39-2	81187	81958	81522	81556	0.47	cps
Rhodium	103-1	22199062	22387643	22646211	22410972	1.00	cps
Rhodium	103-2	9188203	9259141	9215612	9220985	0.39	cps
Scandium	45-1	16875154	16913146	16830762	16873021	0.24	cps
Scandium	45-2	456016	451079	451659	452918	0.60	cps
Selenium	82-1	81	51	-3	43	98.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	26	31	26	17.12	cps
Silicon	28-1	68282018	68953837	69507604	68914486	0.89	cps
Silver	107-1	408	283	283	325	22.21	cps
Silver	109-1	142	200	158	167	18.03	cps
Sodium	23-2	2718646	2588360	2622192	2643066	2.56	cps
Strontium	86-1	238650	236233	231173	235352	1.62	cps
Strontium	88-1	2078262	2037458	2053462	2056394	1.00	cps
Sulfur	34-1	512942	507559	504129	508210	0.87	cps
Terbium	159-1	28999254	29083515	28456967	28846578	1.18	cps
Terbium	159-2	10353724	10376607	10727928	10486087	2.00	cps
Thallium	203-1	333	308	358	333	7.50	cps
Thallium	205-1	650	908	767	775	16.69	cps
Tin	118-1	1450	1392	1458	1433	2.53	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-08	Instrumnet Name :	P8
Client Sample ID :	JCEX0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 15:59:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1258	1400	1175	1278	8.90	cps
Uranium	238-1	42	75	25	47	53.91	cps
Vanadium	51-2	3187	3074	3344	3201	4.24	cps
Ytterbium	172-1	83	125	83	97	24.74	cps
Ytterbium	172-2	78	50	44	57	31.11	cps
Ytterbium	176-1	3426	3534	3275	3412	3.80	cps
Ytterbium	176-2	1778	1922	2000	1900	5.94	cps
Yttrium	89-1	36363284	35991087	36709395	36354589	0.99	cps
Yttrium	89-2	3151773	3157932	3219840	3176515	1.19	cps
Zinc	66-2	1147	1300	1223	1223	6.27	cps
Zirconium	90-1	2175	2600	2342	2372	9.03	cps
Zirconium	91-1	483	483	583	517	11.18	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : CCV006 Instrumnet Name : P8
 Client Sample ID : CCV006 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 16:02:13 DataFile Name : 047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4440328	4353247	4387205	4393593	1.00	cps
Antimony	121-1	5429452	5371698	5389112	5396754	0.55	cps
Arsenic	75-2	148311	148201	148415	148309	0.07	cps
Barium	135-1	6864615	6721501	6884636	6823584	1.30	cps
Barium	137-1	11810513	11407550	11619274	11612446	1.74	cps
Beryllium	9-1	1920844	1909102	1926959	1918968	0.47	cps
Bismuth	209-1	15278745	15574084	15566872	15473234	1.09	cps
Bismuth	209-2	7256432	7094128	7155332	7168631	1.14	cps
Boron	10-1	229945	238310	245239	237831	3.22	cps
Boron	11-1	964607	1044422	1052520	1020516	4.76	cps
Bromine	81-1	10234	8992	10555	9927	8.31	cps
Cadmium	111-1	1538457	1533168	1577138	1549588	1.55	cps
Cadmium	106-1	176739	170961	175427	174376	1.74	cps
Cadmium	108-1	114382	115840	114214	114812	0.78	cps
Calcium	43-1	10984365	10775495	10961278	10907046	1.05	cps
Calcium	44-1	174051599	173962925	176962610	174992378	0.98	cps
Carbon	12-1	10628671	11120462	11940649	11229927	5.90	cps
Carbon	12-2	127862	129736	132208	129935	1.68	cps
Chlorine	35-1	1060692	1032208	1023140	1038680	1.89	cps
Chlorine	35-2	6118	5876	6360	6118	3.95	cps
Chromium	52-2	1680202	1668990	1691211	1680134	0.66	cps
Cobalt	59-2	2953236	3014634	2946860	2971577	1.26	cps
Copper	63-2	23142316	22911306	22967275	23006966	0.52	cps
Dysprosium	156-1	992	1267	1150	1136	12.15	cps
Dysprosium	156-2	470	447	500	472	5.66	cps
Erbium	164-1	267	292	267	275	5.25	cps
Erbium	164-2	133	147	120	133	10.00	cps
Gadolinium	160-1	1375	1250	1467	1364	7.98	cps
Gadolinium	160-2	647	583	597	609	5.48	cps
Holmium	165-1	27081977	26468402	26892416	26814265	1.17	cps
Holmium	165-2	11009467	10371734	10766639	10715947	3.00	cps
Indium	115-1	21991325	22131582	22018562	22047156	0.34	cps
Indium	115-2	2837606	2715811	2808694	2787370	2.28	cps
Iron	54-2	17555409	17685168	17756482	17665686	0.58	cps
Iron	56-2	320591918	327047374	324193374	323944222	1.00	cps
Iron	57-2	8027326	7980235	7900146	7969235	0.81	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:02:13	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	727	827	763	7.22	cps
Lead	206-1	21358685	20835787	21203270	21132581	1.27	cps
Lead	207-1	18810062	18162499	18667829	18546796	1.83	cps
Lead	208-1	85662082	83896766	85510232	85023027	1.15	cps
Lithium	6-1	11019521	11334858	11588434	11314271	2.52	cps
Magnesium	24-2	67121827	65276439	65777608	66058624	1.44	cps
Manganese	55-2	7729322	7894198	7833799	7819106	1.07	cps
Molybdenum	94-1	12421223	12489007	12996245	12635492	2.49	cps
Molybdenum	95-1	15410261	15583900	16146305	15713489	2.45	cps
Molybdenum	96-1	17436895	17425084	17555740	17472573	0.41	cps
Molybdenum	97-1	9529693	9458627	9623150	9537157	0.87	cps
Molybdenum	98-1	24956753	25037341	25272441	25088845	0.65	cps
Neodymium	150-1	313	367	487	389	22.83	cps
Neodymium	150-2	37	30	30	32	11.95	cps
Nickel	60-2	777851	782524	769508	776628	0.85	cps
Phosphorus	31-2	44510	45021	45263	44931	0.86	cps
Potassium	39-2	20924145	21145120	21327298	21132188	0.96	cps
Rhodium	103-1	19978072	19943739	20214099	20045303	0.73	cps
Rhodium	103-2	8647348	8477921	8619676	8581649	1.06	cps
Scandium	45-1	16270510	16246946	16730737	16416064	1.66	cps
Scandium	45-2	466753	457199	463342	462431	1.05	cps
Selenium	82-1	115999	115154	117136	116096	0.86	cps
Selenium	77-2	2810	2820	2687	2773	2.68	cps
Selenium	78-2	9606	9639	9747	9664	0.76	cps
Silicon	28-1	4813475	4769786	4854557	4812606	0.88	cps
Silver	107-1	7716750	7518433	7622083	7619089	1.30	cps
Silver	109-1	7354548	7366456	7282996	7334667	0.62	cps
Sodium	23-2	123804336	128082790	126372707	126086611	1.71	cps
Strontium	86-1	19904806	19793126	19918594	19872176	0.35	cps
Strontium	88-1	173698254	172364646	175151550	173738150	0.80	cps
Sulfur	34-1	1136698	1141166	1147120	1141661	0.46	cps
Terbium	159-1	28161389	27225337	27920336	27769021	1.75	cps
Terbium	159-2	10795978	10447777	10343176	10528977	2.25	cps
Thallium	203-1	5304758	5171704	5157555	5211339	1.56	cps
Thallium	205-1	12353402	11999514	12161160	12171359	1.46	cps
Tin	118-1	4820652	4829059	4861656	4837122	0.45	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:02:13	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4870186	4805211	4876056	4850484	0.81	cps
Uranium	238-1	16361009	16726264	16933165	16673479	1.74	cps
Vanadium	51-2	1338625	1315544	1341330	1331833	1.06	cps
Ytterbium	172-1	108	75	92	92	18.18	cps
Ytterbium	172-2	56	39	72	56	30.00	cps
Ytterbium	176-1	3442	3242	3409	3364	3.19	cps
Ytterbium	176-2	1717	1633	1972	1774	9.95	cps
Yttrium	89-1	34947377	35043083	35300170	35096877	0.52	cps
Yttrium	89-2	3246873	3163858	3211566	3207432	1.30	cps
Zinc	66-2	2604976	2653996	2656911	2638628	1.11	cps
Zirconium	90-1	10413657	10329290	10377737	10373561	0.41	cps
Zirconium	91-1	2353585	2330067	2425319	2369657	2.09	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : CCB006 Instrumnet Name : P8
 Client Sample ID : CCB006 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 16:07:56 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	170	161	169	4.12	cps
Antimony	121-1	908	1150	1308	1122	17.95	cps
Arsenic	75-2	8	9	2	6	59.78	cps
Barium	135-1	158	142	233	178	27.47	cps
Barium	137-1	342	283	417	347	19.25	cps
Beryllium	9-1	82	86	62	77	16.77	cps
Bismuth	209-1	16910505	16928036	16485351	16774631	1.49	cps
Bismuth	209-2	7979781	7878917	8046543	7968414	1.06	cps
Boron	10-1	7200	6738	6238	6726	7.16	cps
Boron	11-1	32335	30121	28328	30261	6.63	cps
Bromine	81-1	9793	9102	9783	9560	4.14	cps
Cadmium	111-1	7473	7395	7082	7317	2.83	cps
Cadmium	106-1	10679	10546	10087	10438	2.98	cps
Cadmium	108-1	117	100	125	114	11.18	cps
Calcium	43-1	499	524	541	521	4.10	cps
Calcium	44-1	30850	30709	30499	30686	0.58	cps
Carbon	12-1	7468097	7646198	7543283	7552526	1.18	cps
Carbon	12-2	78343	75830	74322	76165	2.67	cps
Chlorine	35-1	683214	674704	672670	676863	0.83	cps
Chlorine	35-2	3809	3726	3659	3731	2.01	cps
Chromium	52-2	1033	940	977	983	4.78	cps
Cobalt	59-2	137	123	117	126	8.11	cps
Copper	63-2	1230	1337	1167	1245	6.90	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Erbium	164-1	142	258	200	200	29.17	cps
Erbium	164-2	73	57	57	62	15.46	cps
Gadolinium	160-1	158	200	258	206	24.44	cps
Gadolinium	160-2	37	77	43	52	41.04	cps
Holmium	165-1	27230747	28150152	26422224	27267708	3.17	cps
Holmium	165-2	10949840	10832158	10875234	10885744	0.55	cps
Indium	115-1	23843884	23649316	23085241	23526147	1.67	cps
Indium	115-2	2992432	2986281	3036993	3005235	0.92	cps
Iron	54-2	589	511	489	530	9.91	cps
Iron	56-2	5362	5768	5801	5644	4.33	cps
Iron	57-2	144	167	167	159	8.06	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:07:56	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	747	863	773	10.35	cps
Lead	206-1	1661	1789	1561	1671	6.84	cps
Lead	207-1	1572	1550	1428	1517	5.13	cps
Lead	208-1	7023	7090	6723	6945	2.81	cps
Lithium	6-1	12281185	12110308	11831787	12074426	1.88	cps
Magnesium	24-2	667	817	675	719	11.72	cps
Manganese	55-2	230	183	260	224	17.21	cps
Molybdenum	94-1	1142	967	1067	1058	8.30	cps
Molybdenum	95-1	367	308	400	358	12.95	cps
Molybdenum	96-1	658	658	483	600	16.84	cps
Molybdenum	97-1	258	192	217	222	15.16	cps
Molybdenum	98-1	692	583	533	603	13.43	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	70	97	74	27.36	cps
Phosphorus	31-2	183	150	92	142	32.75	cps
Potassium	39-2	13807	13623	13298	13576	1.90	cps
Rhodium	103-1	22416929	22668650	21793950	22293176	2.02	cps
Rhodium	103-2	9425068	9532098	9371054	9442740	0.87	cps
Scandium	45-1	17100537	17650894	16652395	17134609	2.92	cps
Scandium	45-2	468764	468449	465085	467433	0.44	cps
Selenium	82-1	-17	-25	-117	-53	-104.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	27	32	30	8.48	cps
Silicon	28-1	356428	356515	350487	354476	0.97	cps
Silver	107-1	525	508	333	456	23.31	cps
Silver	109-1	500	425	383	436	13.56	cps
Sodium	23-2	32194	31819	31543	31852	1.03	cps
Strontium	86-1	1450	1225	1392	1356	8.61	cps
Strontium	88-1	1925	2050	2192	2056	6.49	cps
Sulfur	34-1	519373	519064	517879	518772	0.15	cps
Terbium	159-1	28485615	28471346	27538721	28165227	1.93	cps
Terbium	159-2	10953663	10776817	10763514	10831331	0.98	cps
Thallium	203-1	733	783	658	725	8.68	cps
Thallium	205-1	2000	1800	1784	1861	6.48	cps
Tin	118-1	1717	1934	2442	2031	18.33	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:07:56	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	292	283	258	19.62	cps
Uranium	238-1	58	108	117	94	33.40	cps
Vanadium	51-2	17	7	17	13	43.29	cps
Ytterbium	172-1	42	117	100	86	45.73	cps
Ytterbium	172-2	39	28	28	31	20.37	cps
Ytterbium	176-1	3342	3442	3367	3384	1.54	cps
Ytterbium	176-2	1889	1950	2106	1982	5.64	cps
Yttrium	89-1	36540862	37530100	34936819	36335927	3.60	cps
Yttrium	89-2	3319568	3302639	3224184	3282130	1.55	cps
Zinc	66-2	607	650	633	630	3.47	cps
Zirconium	90-1	2442	2342	2142	2309	6.62	cps
Zirconium	91-1	450	392	567	469	18.98	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	522	512	502	5.56	cps
Antimony	121-1	983	1333	1283	1200	15.77	cps
Arsenic	75-2	193	211	219	208	6.41	cps
Barium	135-1	18413	18997	18813	18741	1.59	cps
Barium	137-1	32306	32231	33091	32543	1.46	cps
Beryllium	9-1	60	60	48	56	12.37	cps
Bismuth	209-1	16630744	16763451	16636255	16676817	0.45	cps
Bismuth	209-2	7816236	7669819	7851893	7779316	1.24	cps
Boron	10-1	13411	14360	14018	13930	3.45	cps
Boron	11-1	63502	64833	66689	65008	2.46	cps
Bromine	81-1	13230	13601	13530	13454	1.46	cps
Cadmium	111-1	7238	6869	6873	6994	3.03	cps
Cadmium	106-1	10396	9854	9887	10046	3.02	cps
Cadmium	108-1	79	100	104	94	14.18	cps
Calcium	43-1	618524	616949	620012	618495	0.25	cps
Calcium	44-1	10148052	10012995	10060280	10073776	0.68	cps
Carbon	12-1	10044313	10865591	11216983	10708962	5.62	cps
Carbon	12-2	121483	121745	124971	122733	1.58	cps
Chlorine	35-1	630140	627127	635156	630808	0.64	cps
Chlorine	35-2	3742	3634	3876	3751	3.23	cps
Chromium	52-2	1330	1380	1297	1336	3.14	cps
Cobalt	59-2	333	380	333	349	7.72	cps
Copper	63-2	2590	2647	2450	2562	3.95	cps
Dysprosium	156-1	42	50	83	58	37.80	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Erbium	164-1	192	225	217	211	8.22	cps
Erbium	164-2	57	77	77	70	16.49	cps
Gadolinium	160-1	217	275	242	244	11.97	cps
Gadolinium	160-2	107	90	100	99	8.48	cps
Holmium	165-1	26357976	27740102	26351608	26816562	2.98	cps
Holmium	165-2	10676997	10715177	10999991	10797388	1.63	cps
Indium	115-1	22920622	22850067	23300663	23023784	1.05	cps
Indium	115-2	2864809	2901350	2903042	2889734	0.75	cps
Iron	54-2	7169	6969	6996	7044	1.54	cps
Iron	56-2	130923	131691	132061	131558	0.44	cps
Iron	57-2	3628	3395	3228	3417	5.88	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	713	743	704	6.25	cps
Lead	206-1	1367	1528	1522	1472	6.21	cps
Lead	207-1	1250	1456	1378	1361	7.63	cps
Lead	208-1	5884	6112	6106	6034	2.15	cps
Lithium	6-1	11508980	12059481	12274622	11947694	3.31	cps
Magnesium	24-2	825075	839017	846108	836734	1.28	cps
Manganese	55-2	6358	6448	5988	6265	3.89	cps
Molybdenum	94-1	1250	1042	1225	1172	9.70	cps
Molybdenum	95-1	483	658	642	594	16.25	cps
Molybdenum	96-1	892	725	867	828	10.86	cps
Molybdenum	97-1	300	283	383	322	16.63	cps
Molybdenum	98-1	892	825	892	869	4.43	cps
Neodymium	150-1	53	27	13	31	65.47	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	270	353	293	306	14.07	cps
Phosphorus	31-2	167	158	242	189	24.30	cps
Potassium	39-2	85596	86979	85922	86165	0.84	cps
Rhodium	103-1	21759222	22295493	22006921	22020545	1.22	cps
Rhodium	103-2	9223225	9180186	9152269	9185227	0.39	cps
Scandium	45-1	16510981	16973186	17057395	16847187	1.75	cps
Scandium	45-2	448123	453939	455757	452606	0.88	cps
Selenium	82-1	4	-53	-10	-20	-150.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	29	24	29	17.24	cps
Silicon	28-1	64281095	65367629	64207824	64618849	1.01	cps
Silver	107-1	325	367	333	342	6.45	cps
Silver	109-1	267	292	258	272	6.37	cps
Sodium	23-2	2906158	2916036	2939145	2920446	0.58	cps
Strontium	86-1	377309	372453	371610	373791	0.82	cps
Strontium	88-1	3293007	3232165	3226249	3250474	1.14	cps
Sulfur	34-1	556414	552444	548875	552578	0.68	cps
Terbium	159-1	27181765	28073773	27927896	27727811	1.73	cps
Terbium	159-2	10497486	10651376	10578619	10575827	0.73	cps
Thallium	203-1	717	667	558	647	12.51	cps
Thallium	205-1	1508	1600	1533	1547	3.06	cps
Tin	118-1	1525	1425	1467	1472	3.41	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-09	Instrumnet Name :	P8
Client Sample ID :	JCEX2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:11:00	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1025	1167	1267	1153	10.53	cps
Uranium	238-1	208	100	117	142	41.18	cps
Vanadium	51-2	1497	1523	1530	1517	1.16	cps
Ytterbium	172-1	83	75	100	86	14.78	cps
Ytterbium	172-2	61	33	39	44	33.07	cps
Ytterbium	176-1	3117	2984	3317	3139	5.35	cps
Ytterbium	176-2	1683	1872	1695	1750	6.06	cps
Yttrium	89-1	35590259	36064554	35537397	35730737	0.81	cps
Yttrium	89-2	3190592	3130332	3173063	3164662	0.98	cps
Zinc	66-2	2644	2880	2910	2811	5.20	cps
Zirconium	90-1	2475	2434	2067	2325	9.66	cps
Zirconium	91-1	517	375	458	450	15.82	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531	487	450	490	8.31	cps
Antimony	121-1	975	942	1042	986	5.16	cps
Arsenic	75-2	193	203	182	193	5.45	cps
Barium	135-1	16435	17053	16243	16577	2.55	cps
Barium	137-1	29892	27871	29316	29026	3.59	cps
Beryllium	9-1	52	68	68	63	14.74	cps
Bismuth	209-1	16491351	16728721	17188234	16802769	2.11	cps
Bismuth	209-2	7855875	7622177	7875251	7784434	1.81	cps
Boron	10-1	14710	15437	15273	15140	2.52	cps
Boron	11-1	67804	70235	71676	69905	2.80	cps
Bromine	81-1	12909	13821	14102	13611	4.58	cps
Cadmium	111-1	7220	7372	7179	7257	1.40	cps
Cadmium	106-1	10362	10554	10296	10404	1.29	cps
Cadmium	108-1	83	58	88	76	20.65	cps
Calcium	43-1	503776	507357	506299	505811	0.36	cps
Calcium	44-1	8463181	8183180	8224782	8290381	1.82	cps
Carbon	12-1	10775511	11324762	11684143	11261472	4.06	cps
Carbon	12-2	124349	124500	129183	126011	2.18	cps
Chlorine	35-1	565389	559963	559712	561688	0.57	cps
Chlorine	35-2	3134	3134	3509	3259	6.65	cps
Chromium	52-2	1280	1217	1170	1222	4.52	cps
Cobalt	59-2	350	350	383	361	5.33	cps
Copper	63-2	2524	2830	2937	2764	7.77	cps
Dysprosium	156-1	50	75	33	53	39.74	cps
Dysprosium	156-2	13	10	20	14	35.26	cps
Erbium	164-1	225	275	233	244	10.96	cps
Erbium	164-2	93	90	80	88	7.90	cps
Gadolinium	160-1	250	342	167	253	34.63	cps
Gadolinium	160-2	67	93	63	74	22.09	cps
Holmium	165-1	27476725	26623378	27459885	27186662	1.79	cps
Holmium	165-2	10882345	10568531	10953479	10801452	1.90	cps
Indium	115-1	23052805	22927707	23770264	23250259	1.96	cps
Indium	115-2	2873365	2933266	2967000	2924544	1.62	cps
Iron	54-2	6174	6418	6335	6309	1.97	cps
Iron	56-2	110754	112642	111117	111504	0.90	cps
Iron	57-2	2773	2823	2795	2797	0.90	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	673	660	702	8.82	cps
Lead	206-1	1278	1350	1233	1287	4.58	cps
Lead	207-1	1133	1045	1083	1087	4.10	cps
Lead	208-1	5234	5267	4834	5112	4.72	cps
Lithium	6-1	11795597	11621173	11982017	11799596	1.53	cps
Magnesium	24-2	725018	732135	719986	725713	0.84	cps
Manganese	55-2	4584	4344	4611	4513	3.26	cps
Molybdenum	94-1	1050	1117	1167	1111	5.27	cps
Molybdenum	95-1	600	617	608	608	1.37	cps
Molybdenum	96-1	700	575	717	664	11.66	cps
Molybdenum	97-1	250	367	300	306	19.16	cps
Molybdenum	98-1	1050	758	900	903	16.16	cps
Neodymium	150-1	87	60	67	71	19.52	cps
Neodymium	150-2	23	20	10	18	39.03	cps
Nickel	60-2	310	277	250	279	10.78	cps
Phosphorus	31-2	200	183	267	217	20.35	cps
Potassium	39-2	86392	87088	86341	86607	0.48	cps
Rhodium	103-1	21940101	21811528	21990900	21914177	0.42	cps
Rhodium	103-2	9107059	9299800	9451882	9286247	1.86	cps
Scandium	45-1	17080257	16597014	16823577	16833616	1.44	cps
Scandium	45-2	450683	450637	454252	451857	0.46	cps
Selenium	82-1	-69	-35	-5	-36	-88.75	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	40	30	33	34	14.95	cps
Silicon	28-1	63890854	63583651	63454776	63643094	0.35	cps
Silver	107-1	300	283	342	308	9.75	cps
Silver	109-1	117	75	158	117	35.72	cps
Sodium	23-2	2877901	2899560	2871423	2882962	0.51	cps
Strontium	86-1	311513	309956	308669	310046	0.46	cps
Strontium	88-1	2717411	2749738	2728768	2731972	0.60	cps
Sulfur	34-1	548217	544507	538971	543898	0.86	cps
Terbium	159-1	28153231	28028171	28521880	28234427	0.91	cps
Terbium	159-2	10653310	10770777	10849190	10757759	0.92	cps
Thallium	203-1	550	542	592	561	4.77	cps
Thallium	205-1	1208	1300	1192	1233	4.73	cps
Tin	118-1	1500	1417	1658	1525	8.05	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-10	Instrumnet Name :	P8
Client Sample ID :	JCEX4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:13:57	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192	1258	1108	1186	6.34	cps
Uranium	238-1	125	67	75	89	35.49	cps
Vanadium	51-2	2527	2474	2370	2457	3.24	cps
Ytterbium	172-1	83	133	92	103	26.06	cps
Ytterbium	172-2	33	44	50	43	19.93	cps
Ytterbium	176-1	3150	3242	3109	3167	2.15	cps
Ytterbium	176-2	1861	1867	1711	1813	4.87	cps
Yttrium	89-1	35190266	35405390	36565910	35720522	2.07	cps
Yttrium	89-2	3206106	3159763	3239133	3201667	1.25	cps
Zinc	66-2	1017	1243	1097	1119	10.28	cps
Zirconium	90-1	2525	1892	2142	2186	14.59	cps
Zirconium	91-1	483	450	425	453	6.46	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	765	755	821	780	4.58	cps
Antimony	121-1	1308	1200	1342	1283	5.77	cps
Arsenic	75-2	264	290	302	285	6.81	cps
Barium	135-1	19448	19348	20207	19668	2.39	cps
Barium	137-1	34954	34763	35146	34954	0.55	cps
Beryllium	9-1	36	52	46	45	18.10	cps
Bismuth	209-1	17061487	16891703	17365484	17106225	1.40	cps
Bismuth	209-2	7705654	7742712	7901270	7783212	1.34	cps
Boron	10-1	14733	15065	15958	15252	4.15	cps
Boron	11-1	67881	69694	71678	69751	2.72	cps
Bromine	81-1	14012	14112	13972	14032	0.51	cps
Cadmium	111-1	7243	7454	6801	7166	4.65	cps
Cadmium	106-1	10363	10729	9720	10271	4.97	cps
Cadmium	108-1	63	104	46	71	42.42	cps
Calcium	43-1	524342	526546	528225	526371	0.37	cps
Calcium	44-1	8508027	8586167	8478327	8524173	0.65	cps
Carbon	12-1	10576929	11430134	12058043	11355035	6.55	cps
Carbon	12-2	125896	127291	127862	127017	0.80	cps
Chlorine	35-1	525063	523404	528995	525821	0.55	cps
Chlorine	35-2	3142	3259	3300	3234	2.54	cps
Chromium	52-2	1563	1500	1720	1595	7.10	cps
Cobalt	59-2	533	477	470	493	7.05	cps
Copper	63-2	2847	2810	2884	2847	1.29	cps
Dysprosium	156-1	67	50	67	61	15.75	cps
Dysprosium	156-2	43	30	20	31	37.62	cps
Erbium	164-1	267	233	183	228	18.41	cps
Erbium	164-2	103	63	83	83	24.00	cps
Gadolinium	160-1	175	250	325	250	30.00	cps
Gadolinium	160-2	83	97	90	90	7.41	cps
Holmium	165-1	27126437	27065860	26650672	26947657	0.96	cps
Holmium	165-2	10970326	10657324	11076556	10901402	2.00	cps
Indium	115-1	23820104	23005138	23131030	23318757	1.88	cps
Indium	115-2	2957404	2862442	2962018	2927288	1.92	cps
Iron	54-2	8391	8041	7880	8104	3.23	cps
Iron	56-2	147163	142886	146157	145402	1.54	cps
Iron	57-2	3623	3639	3400	3554	3.75	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	673	600	633	5.86	cps
Lead	206-1	1400	1461	1533	1465	4.56	cps
Lead	207-1	1350	1306	1283	1313	2.59	cps
Lead	208-1	5934	5806	5789	5843	1.35	cps
Lithium	6-1	11380585	12111862	11742045	11744831	3.11	cps
Magnesium	24-2	753024	762882	741342	752416	1.43	cps
Manganese	55-2	9403	9166	9473	9348	1.72	cps
Molybdenum	94-1	1092	1117	983	1064	6.66	cps
Molybdenum	95-1	533	458	375	456	17.39	cps
Molybdenum	96-1	675	792	833	767	10.71	cps
Molybdenum	97-1	250	333	325	303	15.16	cps
Molybdenum	98-1	775	725	858	786	8.57	cps
Neodymium	150-1	73	60	87	73	18.18	cps
Neodymium	150-2	17	27	13	19	36.75	cps
Nickel	60-2	420	357	397	391	8.19	cps
Phosphorus	31-2	200	108	192	167	30.41	cps
Potassium	39-2	89032	89872	90324	89743	0.73	cps
Rhodium	103-1	22208459	22201407	21764717	22058194	1.15	cps
Rhodium	103-2	9295162	9144883	9408020	9282688	1.42	cps
Scandium	45-1	16969818	17037395	16796391	16934535	0.73	cps
Scandium	45-2	451508	449100	457788	452799	0.99	cps
Selenium	82-1	77	-29	87	45	143.36	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	27	23	21	24	12.91	cps
Silicon	28-1	63201416	62604968	63827662	63211349	0.97	cps
Silver	107-1	183	267	208	219	19.49	cps
Silver	109-1	108	58	150	106	43.49	cps
Sodium	23-2	3030417	3027278	2920185	2992627	2.10	cps
Strontium	86-1	331544	326450	331232	329742	0.87	cps
Strontium	88-1	2919033	2858438	2916634	2898035	1.18	cps
Sulfur	34-1	572376	568005	563855	568079	0.75	cps
Terbium	159-1	28273720	27985359	28084455	28114511	0.52	cps
Terbium	159-2	10507194	10443981	10919265	10623480	2.43	cps
Thallium	203-1	542	308	442	431	27.19	cps
Thallium	205-1	975	975	925	958	3.01	cps
Tin	118-1	1575	1759	1750	1695	6.11	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-11	Instrumnet Name :	P8
Client Sample ID :	JCEX6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:16:57	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1050	1075	1392	1172	16.25	cps
Uranium	238-1	67	42	92	67	37.50	cps
Vanadium	51-2	2440	2480	2167	2362	7.22	cps
Ytterbium	172-1	50	100	133	94	44.41	cps
Ytterbium	172-2	33	39	39	37	8.67	cps
Ytterbium	176-1	3217	3242	2992	3150	4.37	cps
Ytterbium	176-2	1811	1889	1611	1771	8.10	cps
Yttrium	89-1	36186624	35704086	35735006	35875239	0.75	cps
Yttrium	89-2	3209452	3206206	3238966	3218208	0.56	cps
Zinc	66-2	1840	1647	1860	1782	6.61	cps
Zirconium	90-1	2542	2525	2600	2556	1.54	cps
Zirconium	91-1	425	458	450	444	3.90	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	559	546	528	8.15	cps
Antimony	121-1	1275	842	975	1031	21.54	cps
Arsenic	75-2	297	340	284	307	9.55	cps
Barium	135-1	20274	19840	19448	19854	2.08	cps
Barium	137-1	34821	34979	33826	34542	1.81	cps
Beryllium	9-1	44	56	54	51	12.53	cps
Bismuth	209-1	17351998	17233284	17101280	17228854	0.73	cps
Bismuth	209-2	7923249	8084704	8048495	8018816	1.06	cps
Boron	10-1	14360	15319	15185	14955	3.47	cps
Boron	11-1	66673	67852	72260	68929	4.27	cps
Bromine	81-1	12839	12919	13921	13227	4.56	cps
Cadmium	111-1	7123	6935	7283	7114	2.45	cps
Cadmium	106-1	10212	9954	10446	10204	2.41	cps
Cadmium	108-1	96	58	83	79	24.12	cps
Calcium	43-1	518517	519342	518071	518643	0.12	cps
Calcium	44-1	8321862	8548965	8383672	8418167	1.39	cps
Carbon	12-1	10783166	11229421	11846967	11286518	4.73	cps
Carbon	12-2	121182	126778	127038	124999	2.65	cps
Chlorine	35-1	505370	506570	506592	506177	0.14	cps
Chlorine	35-2	2742	2767	3050	2853	6.00	cps
Chromium	52-2	1263	1400	1310	1325	5.24	cps
Cobalt	59-2	427	430	467	441	5.03	cps
Copper	63-2	3317	3137	3140	3198	3.22	cps
Dysprosium	156-1	58	92	83	78	22.31	cps
Dysprosium	156-2	17	20	33	23	37.78	cps
Erbium	164-1	217	283	258	253	13.32	cps
Erbium	164-2	90	103	73	89	16.92	cps
Gadolinium	160-1	225	267	258	250	8.82	cps
Gadolinium	160-2	113	90	103	102	11.45	cps
Holmium	165-1	26740767	27908933	27455761	27368487	2.15	cps
Holmium	165-2	10758290	11077165	10885614	10907023	1.47	cps
Indium	115-1	23053727	23607363	23745022	23468704	1.56	cps
Indium	115-2	2883856	2946079	2969715	2933216	1.51	cps
Iron	54-2	7774	7686	7674	7711	0.71	cps
Iron	56-2	136927	136733	139639	137766	1.18	cps
Iron	57-2	3473	3439	3450	3454	0.49	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	670	710	696	3.19	cps
Lead	206-1	1306	1161	1195	1220	6.20	cps
Lead	207-1	889	911	983	928	5.32	cps
Lead	208-1	4484	4467	4423	4458	0.71	cps
Lithium	6-1	11612326	11872016	12126248	11870197	2.16	cps
Magnesium	24-2	748704	747336	736668	744236	0.89	cps
Manganese	55-2	9500	9483	9443	9475	0.31	cps
Molybdenum	94-1	1083	1100	1083	1089	0.88	cps
Molybdenum	95-1	475	550	458	494	9.88	cps
Molybdenum	96-1	683	717	692	697	2.49	cps
Molybdenum	97-1	333	350	250	311	17.22	cps
Molybdenum	98-1	875	750	867	831	8.41	cps
Neodymium	150-1	67	113	27	69	62.96	cps
Neodymium	150-2	20	3	20	14	66.64	cps
Nickel	60-2	300	283	297	293	3.01	cps
Phosphorus	31-2	167	175	192	178	7.16	cps
Potassium	39-2	88279	88497	90475	89084	1.36	cps
Rhodium	103-1	22242297	22212807	21726959	22060687	1.31	cps
Rhodium	103-2	9388435	9413271	9366399	9389368	0.25	cps
Scandium	45-1	16928135	17557718	16843436	17109763	2.28	cps
Scandium	45-2	459610	461735	467098	462814	0.83	cps
Selenium	82-1	-68	51	-22	-13	-466.71	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	35	36	30	29.55	cps
Silicon	28-1	60154776	59829899	60781570	60255415	0.80	cps
Silver	107-1	183	225	317	242	28.23	cps
Silver	109-1	108	75	67	83	26.46	cps
Sodium	23-2	2853473	2971004	2984175	2936217	2.45	cps
Strontium	86-1	324607	325843	327615	326022	0.46	cps
Strontium	88-1	2872243	2837845	2860558	2856882	0.61	cps
Sulfur	34-1	558497	555338	554196	556011	0.40	cps
Terbium	159-1	28383493	28553158	29031657	28656103	1.17	cps
Terbium	159-2	10636777	10679296	10856490	10724188	1.09	cps
Thallium	203-1	308	408	333	350	14.87	cps
Thallium	205-1	917	958	975	950	3.16	cps
Tin	118-1	1408	1609	1617	1545	7.64	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-12	Instrumnet Name :	P8
Client Sample ID :	JCEX8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:19:54	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1200	1058	1092	1117	6.63	cps
Uranium	238-1	83	100	83	89	10.82	cps
Vanadium	51-2	2417	2350	2460	2409	2.30	cps
Ytterbium	172-1	58	108	108	92	31.50	cps
Ytterbium	172-2	67	39	39	48	33.31	cps
Ytterbium	176-1	3367	3359	3517	3414	2.61	cps
Ytterbium	176-2	1884	1833	1739	1819	4.03	cps
Yttrium	89-1	36928339	35646985	36290586	36288637	1.77	cps
Yttrium	89-2	3193089	3254514	3315257	3254286	1.88	cps
Zinc	66-2	1403	1587	1597	1529	7.12	cps
Zirconium	90-1	2200	2467	2300	2322	5.80	cps
Zirconium	91-1	358	433	550	447	21.60	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580	635	650	622	5.93	cps
Antimony	121-1	1033	1458	1475	1322	18.93	cps
Arsenic	75-2	442	461	446	450	2.23	cps
Barium	135-1	20616	20341	19982	20313	1.57	cps
Barium	137-1	35038	35715	34779	35177	1.37	cps
Beryllium	9-1	38	52	52	47	17.08	cps
Bismuth	209-1	16977035	14363842	16217453	15852777	8.48	cps
Bismuth	209-2	8003691	7939353	8010649	7984564	0.49	cps
Boron	10-1	14879	15875	15651	15468	3.38	cps
Boron	11-1	66602	70216	71786	69535	3.82	cps
Bromine	81-1	13721	14763	15725	14736	6.80	cps
Cadmium	111-1	7247	5893	6758	6633	10.34	cps
Cadmium	106-1	10438	8469	9712	9540	10.43	cps
Cadmium	108-1	108	75	58	81	31.61	cps
Calcium	43-1	517030	516112	525638	519593	1.01	cps
Calcium	44-1	8307083	8402019	8448811	8385971	0.86	cps
Carbon	12-1	10949056	11419136	11657430	11341874	3.18	cps
Carbon	12-2	124543	125037	128778	126120	1.84	cps
Chlorine	35-1	469022	473386	475439	472616	0.69	cps
Chlorine	35-2	2559	2784	3025	2789	8.37	cps
Chromium	52-2	1223	1213	1193	1210	1.26	cps
Cobalt	59-2	430	403	460	431	6.58	cps
Copper	63-2	3167	3117	3164	3149	0.89	cps
Dysprosium	156-1	50	100	92	81	33.25	cps
Dysprosium	156-2	13	40	40	31	49.50	cps
Erbium	164-1	250	158	275	228	26.97	cps
Erbium	164-2	80	110	110	100	17.32	cps
Gadolinium	160-1	383	217	375	325	28.90	cps
Gadolinium	160-2	80	53	107	80	33.34	cps
Holmium	165-1	27214759	23347946	26271914	25611540	7.87	cps
Holmium	165-2	10817325	10937668	11038855	10931283	1.01	cps
Indium	115-1	23179276	20080286	22345146	21868236	7.33	cps
Indium	115-2	2988129	2917768	2973343	2959747	1.25	cps
Iron	54-2	8019	8330	7825	8058	3.17	cps
Iron	56-2	150811	149216	152305	150778	1.02	cps
Iron	57-2	3651	3851	3884	3795	3.33	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	903	757	761	18.40	cps
Lead	206-1	1078	1195	950	1074	11.38	cps
Lead	207-1	1045	922	995	987	6.23	cps
Lead	208-1	4423	4367	4228	4339	2.31	cps
Lithium	6-1	12138841	10120777	11290988	11183535	9.06	cps
Magnesium	24-2	738932	745562	731012	738502	0.99	cps
Manganese	55-2	9090	9150	9176	9139	0.49	cps
Molybdenum	94-1	1050	942	842	945	11.03	cps
Molybdenum	95-1	483	533	542	519	6.07	cps
Molybdenum	96-1	708	683	717	703	2.47	cps
Molybdenum	97-1	267	367	342	325	16.01	cps
Molybdenum	98-1	883	892	875	883	0.94	cps
Neodymium	150-1	93	87	33	71	46.25	cps
Neodymium	150-2	10	33	17	20	60.08	cps
Nickel	60-2	310	413	370	364	14.24	cps
Phosphorus	31-2	208	158	167	178	15.07	cps
Potassium	39-2	90291	90979	90710	90660	0.38	cps
Rhodium	103-1	22878831	18996109	21116988	20997309	9.26	cps
Rhodium	103-2	9400739	9149889	9382781	9311136	1.50	cps
Scandium	45-1	17109323	14379151	15927867	15805447	8.66	cps
Scandium	45-2	467527	459486	456214	461076	1.26	cps
Selenium	82-1	75	-185	-49	-53	-244.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	21	23	23	8.70	cps
Silicon	28-1	63975406	61263291	60823174	62020624	2.75	cps
Silver	107-1	275	208	108	197	42.53	cps
Silver	109-1	67	83	83	78	12.37	cps
Sodium	23-2	3027231	3040901	3045205	3037779	0.31	cps
Strontium	86-1	330355	335554	340990	335633	1.58	cps
Strontium	88-1	2892458	2938278	2957244	2929327	1.14	cps
Sulfur	34-1	543643	541645	538293	541193	0.50	cps
Terbium	159-1	28436222	24550054	26875652	26620643	7.35	cps
Terbium	159-2	10643346	10658274	10764353	10688658	0.62	cps
Thallium	203-1	358	467	442	422	13.43	cps
Thallium	205-1	900	958	825	895	7.47	cps
Tin	118-1	1450	1333	4562	2449	74.79	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-13	Instrumnet Name :	P8
Client Sample ID :	JCEY0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:22:54	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1501	1333	1358	1398	6.45	cps
Uranium	238-1	100	92	50	81	33.25	cps
Vanadium	51-2	2617	2517	2657	2597	2.78	cps
Ytterbium	172-1	75	67	83	75	11.11	cps
Ytterbium	172-2	33	33	39	35	9.12	cps
Ytterbium	176-1	3459	2992	3117	3189	7.58	cps
Ytterbium	176-2	1767	1822	1878	1822	3.05	cps
Yttrium	89-1	36081613	30598765	34713009	33797796	8.44	cps
Yttrium	89-2	3269529	3229494	3278601	3259208	0.80	cps
Zinc	66-2	1637	1667	1623	1642	1.35	cps
Zirconium	90-1	3184	1984	2275	2481	25.24	cps
Zirconium	91-1	508	350	383	414	20.17	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	736	655	695	695	5.84	cps
Antimony	121-1	733	1192	950	958	23.93	cps
Arsenic	75-2	496	540	531	522	4.45	cps
Barium	135-1	20291	21593	19949	20611	4.21	cps
Barium	137-1	36591	37344	36316	36751	1.45	cps
Beryllium	9-1	36	46	36	39	14.68	cps
Bismuth	209-1	17069559	17288674	17189973	17182736	0.64	cps
Bismuth	209-2	7814737	7944162	7914832	7891244	0.86	cps
Boron	10-1	15129	15353	16306	15596	4.01	cps
Boron	11-1	69934	71840	73573	71782	2.54	cps
Bromine	81-1	16817	18642	18391	17950	5.51	cps
Cadmium	111-1	7341	7126	7056	7174	2.07	cps
Cadmium	106-1	10504	10254	10104	10287	1.97	cps
Cadmium	108-1	58	104	54	72	38.42	cps
Calcium	43-1	506145	513194	513768	511036	0.83	cps
Calcium	44-1	8427982	8490399	8377368	8431916	0.67	cps
Carbon	12-1	10868511	11357950	11863569	11363343	4.38	cps
Carbon	12-2	122693	126174	126443	125103	1.67	cps
Chlorine	35-1	474497	476446	484658	478534	1.13	cps
Chlorine	35-2	3184	2942	2775	2967	6.92	cps
Chromium	52-2	1690	1560	1653	1635	4.10	cps
Cobalt	59-2	590	433	450	491	17.52	cps
Copper	63-2	3460	3337	3447	3415	1.98	cps
Dysprosium	156-1	58	75	117	83	36.06	cps
Dysprosium	156-2	20	37	33	30	29.40	cps
Erbium	164-1	233	183	258	225	16.97	cps
Erbium	164-2	93	77	70	80	15.02	cps
Gadolinium	160-1	308	300	292	300	2.78	cps
Gadolinium	160-2	100	60	70	77	27.15	cps
Holmium	165-1	27380769	27376409	27771123	27509434	0.82	cps
Holmium	165-2	10684514	10916850	10762871	10788078	1.10	cps
Indium	115-1	23471814	24019258	23690196	23727089	1.16	cps
Indium	115-2	2897575	2896766	2942136	2912159	0.89	cps
Iron	54-2	10515	10098	10260	10291	2.04	cps
Iron	56-2	185644	182914	184468	184342	0.74	cps
Iron	57-2	4479	4484	4945	4636	5.78	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	650	673	667	2.18	cps
Lead	206-1	1183	1272	1022	1159	10.93	cps
Lead	207-1	1033	1078	1045	1052	2.20	cps
Lead	208-1	4828	4967	4784	4860	1.97	cps
Lithium	6-1	11984104	11754993	12018554	11919217	1.20	cps
Magnesium	24-2	724463	725907	725624	725331	0.11	cps
Manganese	55-2	10751	10894	10854	10833	0.68	cps
Molybdenum	94-1	2342	1759	1475	1859	23.79	cps
Molybdenum	95-1	692	667	533	631	13.50	cps
Molybdenum	96-1	783	892	742	806	9.61	cps
Molybdenum	97-1	417	358	375	383	7.84	cps
Molybdenum	98-1	975	1017	950	981	3.43	cps
Neodymium	150-1	73	127	40	80	54.64	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	327	397	483	402	19.51	cps
Phosphorus	31-2	225	133	150	169	28.82	cps
Potassium	39-2	92186	90190	89091	90489	1.73	cps
Rhodium	103-1	22442157	22228878	22276973	22316003	0.50	cps
Rhodium	103-2	9229982	9385407	9364141	9326510	0.90	cps
Scandium	45-1	16891196	16972288	17221643	17028376	1.01	cps
Scandium	45-2	461820	457123	459384	459443	0.51	cps
Selenium	82-1	19	66	33	40	60.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	23	29	25	15.35	cps
Silicon	28-1	61985268	62618437	62265881	62289862	0.51	cps
Silver	107-1	208	208	175	197	9.76	cps
Silver	109-1	50	92	67	69	30.20	cps
Sodium	23-2	3183182	3248229	3185880	3205764	1.15	cps
Strontium	86-1	348187	345763	344697	346215	0.52	cps
Strontium	88-1	3005809	3060060	2999021	3021630	1.11	cps
Sulfur	34-1	551876	547169	546624	548556	0.53	cps
Terbium	159-1	27593425	28731455	28244110	28189663	2.03	cps
Terbium	159-2	10858588	10682691	10698549	10746609	0.91	cps
Thallium	203-1	333	267	300	300	11.11	cps
Thallium	205-1	742	750	908	800	11.74	cps
Tin	118-1	1567	1583	2042	1731	15.58	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-14	Instrumnet Name :	P8
Client Sample ID :	JCEY2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:25:52	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1250	1400	1108	1253	11.64	cps
Uranium	238-1	117	75	108	100	22.05	cps
Vanadium	51-2	2964	3037	3050	3017	1.55	cps
Ytterbium	172-1	50	117	67	78	44.61	cps
Ytterbium	172-2	44	44	17	35	45.58	cps
Ytterbium	176-1	3559	3551	3209	3439	5.81	cps
Ytterbium	176-2	1739	1667	1556	1654	5.59	cps
Yttrium	89-1	36089394	36906943	35827833	36274723	1.55	cps
Yttrium	89-2	3214746	3249836	3189410	3217997	0.94	cps
Zinc	66-2	1717	1797	1737	1750	2.38	cps
Zirconium	90-1	3701	3584	3576	3620	1.93	cps
Zirconium	91-1	667	700	675	681	2.55	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539	577	609	575	6.10	cps
Antimony	121-1	917	958	842	906	6.53	cps
Arsenic	75-2	526	510	459	498	7.02	cps
Barium	135-1	22670	22319	23246	22745	2.06	cps
Barium	137-1	38765	38756	38146	38556	0.92	cps
Beryllium	9-1	36	48	54	46	19.93	cps
Bismuth	209-1	16618744	17052145	16933294	16868061	1.33	cps
Bismuth	209-2	7859857	7990267	7805158	7885094	1.21	cps
Boron	10-1	15845	16662	17008	16505	3.62	cps
Boron	11-1	73493	76535	78507	76179	3.32	cps
Bromine	81-1	16747	17118	17830	17232	3.19	cps
Cadmium	111-1	7269	7097	7137	7168	1.25	cps
Cadmium	106-1	10404	10229	10229	10287	0.98	cps
Cadmium	108-1	79	96	63	79	21.06	cps
Calcium	43-1	513397	511562	510312	511757	0.30	cps
Calcium	44-1	8353381	8347316	8498959	8399885	1.02	cps
Carbon	12-1	10759796	11547463	11957251	11421503	5.33	cps
Carbon	12-2	123308	126306	129662	126425	2.51	cps
Chlorine	35-1	464257	475464	474584	471435	1.32	cps
Chlorine	35-2	2725	2675	3034	2811	6.90	cps
Chromium	52-2	1380	1313	1223	1306	6.02	cps
Cobalt	59-2	500	433	487	473	7.45	cps
Copper	63-2	3374	3310	3314	3333	1.07	cps
Dysprosium	156-1	50	117	92	86	39.11	cps
Dysprosium	156-2	43	13	40	32	51.04	cps
Erbium	164-1	217	308	242	256	18.54	cps
Erbium	164-2	110	80	80	90	19.25	cps
Gadolinium	160-1	258	208	217	228	11.76	cps
Gadolinium	160-2	90	67	100	86	19.99	cps
Holmium	165-1	27452614	27187591	27336091	27325432	0.49	cps
Holmium	165-2	10791206	10855580	10908833	10851873	0.54	cps
Indium	115-1	23485634	23438678	23081677	23335330	0.95	cps
Indium	115-2	3021199	2962218	2988267	2990561	0.99	cps
Iron	54-2	10243	9542	9970	9918	3.56	cps
Iron	56-2	178817	178425	179184	178808	0.21	cps
Iron	57-2	4290	4501	4317	4369	2.63	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	777	757	756	2.87	cps
Lead	206-1	1406	1239	1367	1337	6.52	cps
Lead	207-1	1117	1239	1267	1207	6.61	cps
Lead	208-1	5289	5078	5445	5271	3.49	cps
Lithium	6-1	11951793	11968602	11752749	11891048	1.01	cps
Magnesium	24-2	720917	724323	721687	722309	0.25	cps
Manganese	55-2	12913	13413	12966	13097	2.10	cps
Molybdenum	94-1	1075	1183	1033	1097	7.06	cps
Molybdenum	95-1	442	542	500	494	10.16	cps
Molybdenum	96-1	842	700	817	786	9.62	cps
Molybdenum	97-1	375	308	192	292	31.82	cps
Molybdenum	98-1	725	867	775	789	9.11	cps
Neodymium	150-1	80	127	47	84	47.59	cps
Neodymium	150-2	17	27	37	27	37.50	cps
Nickel	60-2	440	477	553	490	11.80	cps
Phosphorus	31-2	258	192	150	200	27.32	cps
Potassium	39-2	93703	93284	94459	93816	0.63	cps
Rhodium	103-1	22727186	22389133	22367909	22494743	0.90	cps
Rhodium	103-2	9575907	9418207	9424000	9472705	0.94	cps
Scandium	45-1	17168339	16993565	17030209	17064038	0.54	cps
Scandium	45-2	458824	461690	461554	460689	0.35	cps
Selenium	82-1	-11	-61	-89	-54	-74.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	36	28	33	32	12.50	cps
Silicon	28-1	62344995	62259433	61829245	62144558	0.44	cps
Silver	107-1	183	183	217	194	9.90	cps
Silver	109-1	42	50	50	47	10.18	cps
Sodium	23-2	3216335	3214683	3216775	3215931	0.03	cps
Strontium	86-1	338678	343209	348488	343458	1.43	cps
Strontium	88-1	3009934	2997312	3000796	3002681	0.22	cps
Sulfur	34-1	558582	558214	557640	558145	0.09	cps
Terbium	159-1	28297945	29297407	28987378	28860910	1.77	cps
Terbium	159-2	11039085	10727472	10690172	10818910	1.77	cps
Thallium	203-1	317	392	408	372	13.12	cps
Thallium	205-1	833	908	742	828	10.08	cps
Tin	118-1	1567	1583	1817	1656	8.44	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-15	Instrumnet Name :	P8
Client Sample ID :	JCEY4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:28:51	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1083	1433	1175	1231	14.75	cps
Uranium	238-1	83	42	58	61	34.32	cps
Vanadium	51-2	2867	2877	2804	2849	1.40	cps
Ytterbium	172-1	83	42	133	86	53.30	cps
Ytterbium	172-2	39	39	61	46	27.71	cps
Ytterbium	176-1	3576	3392	3567	3512	2.95	cps
Ytterbium	176-2	1656	1700	1839	1732	5.52	cps
Yttrium	89-1	36964306	36259405	36587554	36603755	0.96	cps
Yttrium	89-2	3258692	3205074	3196302	3220023	1.05	cps
Zinc	66-2	1270	1330	1377	1326	4.03	cps
Zirconium	90-1	2259	2425	2534	2406	5.76	cps
Zirconium	91-1	475	575	508	519	9.80	cps

LB Number : LB116076 Operator : Jaswal
 Lab Sample ID : M3570-16 Instrumnet Name : P8
 Client Sample ID : JCEY6 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-30 16:31:49 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	516	604	526	549	8.73	cps
Antimony	121-1	1000	1008	1042	1017	2.17	cps
Arsenic	75-2	482	541	516	513	5.77	cps
Barium	135-1	22719	23104	24498	23440	3.99	cps
Barium	137-1	41305	39316	40378	40333	2.47	cps
Beryllium	9-1	50	42	40	44	12.03	cps
Bismuth	209-1	16600215	17271377	16852731	16908108	2.00	cps
Bismuth	209-2	7806321	7873162	7718289	7799257	1.00	cps
Boron	10-1	15964	16840	16908	16571	3.18	cps
Boron	11-1	71415	76537	78354	75435	4.77	cps
Bromine	81-1	17038	18351	18391	17927	4.29	cps
Cadmium	111-1	6871	6886	7184	6980	2.53	cps
Cadmium	106-1	9837	9879	10304	10007	2.58	cps
Cadmium	108-1	63	83	83	76	15.74	cps
Calcium	43-1	523626	533009	527404	528013	0.89	cps
Calcium	44-1	8375183	8484602	8657962	8505916	1.68	cps
Carbon	12-1	11032286	11920598	12209878	11720921	5.24	cps
Carbon	12-2	131468	131528	130410	131135	0.48	cps
Chlorine	35-1	457950	477712	476370	470677	2.35	cps
Chlorine	35-2	2950	2634	2575	2720	7.42	cps
Chromium	52-2	1267	1343	1470	1360	7.55	cps
Cobalt	59-2	403	387	430	407	5.37	cps
Copper	63-2	3447	3520	3791	3586	5.04	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	33	57	23	38	45.29	cps
Erbium	164-1	225	225	350	267	27.06	cps
Erbium	164-2	97	87	100	94	7.35	cps
Gadolinium	160-1	225	267	233	242	9.12	cps
Gadolinium	160-2	90	103	83	92	11.04	cps
Holmium	165-1	26377963	27586211	27292429	27085534	2.33	cps
Holmium	165-2	10775413	10736105	10938129	10816549	0.99	cps
Indium	115-1	23002589	24089776	23979442	23690603	2.53	cps
Indium	115-2	2917982	2967872	2918000	2934618	0.98	cps
Iron	54-2	10849	11032	10326	10736	3.41	cps
Iron	56-2	195019	191955	195569	194181	1.00	cps
Iron	57-2	4595	4879	4868	4781	3.36	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-16	Instrumnet Name :	P8
Client Sample ID :	JCEY6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:31:49	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	693	680	699	3.18	cps
Lead	206-1	1711	1333	1411	1485	13.43	cps
Lead	207-1	1289	1339	1378	1335	3.34	cps
Lead	208-1	6128	5806	5717	5884	3.68	cps
Lithium	6-1	11837567	11837756	11703329	11792884	0.66	cps
Magnesium	24-2	741999	730539	728300	733612	1.00	cps
Manganese	55-2	10981	11201	10551	10911	3.03	cps
Molybdenum	94-1	950	1050	1092	1031	7.07	cps
Molybdenum	95-1	492	542	433	489	11.09	cps
Molybdenum	96-1	700	642	650	664	4.75	cps
Molybdenum	97-1	267	392	458	372	26.14	cps
Molybdenum	98-1	867	742	758	789	8.60	cps
Neodymium	150-1	107	80	87	91	15.23	cps
Neodymium	150-2	10	23	27	20	44.10	cps
Nickel	60-2	463	467	430	453	4.47	cps
Phosphorus	31-2	150	158	167	158	5.26	cps
Potassium	39-2	92530	93739	93956	93408	0.82	cps
Rhodium	103-1	21973306	22974371	22517090	22488256	2.23	cps
Rhodium	103-2	9168739	9306942	9352537	9276073	1.03	cps
Scandium	45-1	16607596	17437497	17218597	17087897	2.52	cps
Scandium	45-2	461842	463398	456349	460530	0.80	cps
Selenium	82-1	-9	-8	19	0	3591.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	36	26	26	29	19.68	cps
Silicon	28-1	62354916	62984512	61465010	62268146	1.23	cps
Silver	107-1	92	150	183	142	32.75	cps
Silver	109-1	150	92	117	119	24.50	cps
Sodium	23-2	3390688	3460288	3301461	3384146	2.35	cps
Strontium	86-1	354984	360929	367552	361155	1.74	cps
Strontium	88-1	3256850	3204029	3250983	3237288	0.89	cps
Sulfur	34-1	559045	551482	549897	553475	0.88	cps
Terbium	159-1	28011309	29014649	28143385	28389781	1.92	cps
Terbium	159-2	10588583	10943937	10595791	10709437	1.90	cps
Thallium	203-1	408	300	267	325	22.79	cps
Thallium	205-1	858	833	783	825	4.63	cps
Tin	118-1	1467	1742	2009	1739	15.58	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-16	Instrumnet Name :	P8
Client Sample ID :	JCEY6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:31:49	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1384	1200	1433	1339	9.18	cps
Uranium	238-1	83	67	67	72	13.33	cps
Vanadium	51-2	3074	2874	2900	2949	3.68	cps
Ytterbium	172-1	67	133	58	86	47.74	cps
Ytterbium	172-2	33	33	56	41	31.50	cps
Ytterbium	176-1	3234	3401	2909	3181	7.86	cps
Ytterbium	176-2	1517	1645	1622	1595	4.28	cps
Yttrium	89-1	36687096	36233584	36603674	36508118	0.66	cps
Yttrium	89-2	3218591	3149825	3241513	3203310	1.49	cps
Zinc	66-2	2837	2920	2920	2893	1.66	cps
Zirconium	90-1	2409	2342	2542	2431	4.19	cps
Zirconium	91-1	500	567	517	528	6.57	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	625	601	615	1.98	cps
Antimony	121-1	842	1008	958	936	9.14	cps
Arsenic	75-2	482	526	505	504	4.36	cps
Barium	135-1	23538	23271	22862	23223	1.47	cps
Barium	137-1	41573	41506	40779	41286	1.07	cps
Beryllium	9-1	60	32	38	43	34.03	cps
Bismuth	209-1	17093951	17551471	16803948	17149790	2.20	cps
Bismuth	209-2	7998743	7764631	8033770	7932381	1.84	cps
Boron	10-1	16300	16486	17049	16611	2.35	cps
Boron	11-1	73563	76961	79671	76732	3.99	cps
Bromine	81-1	18130	18552	20135	18939	5.58	cps
Cadmium	111-1	7403	7039	6931	7124	3.47	cps
Cadmium	106-1	10621	10071	9937	10210	3.55	cps
Cadmium	108-1	88	63	71	74	17.29	cps
Calcium	43-1	504788	502186	510359	505778	0.83	cps
Calcium	44-1	8246669	8205913	8122188	8191590	0.77	cps
Carbon	12-1	11118087	11594438	11848423	11520316	3.22	cps
Carbon	12-2	127518	125937	129352	127602	1.34	cps
Chlorine	35-1	453657	467129	470094	463627	1.89	cps
Chlorine	35-2	3134	2675	2617	2809	10.08	cps
Chromium	52-2	1307	1207	1400	1305	7.41	cps
Cobalt	59-2	553	530	517	533	3.48	cps
Copper	63-2	3704	3467	3567	3579	3.32	cps
Dysprosium	156-1	67	75	117	86	31.11	cps
Dysprosium	156-2	33	33	33	33	0.00	cps
Erbium	164-1	242	208	300	250	18.56	cps
Erbium	164-2	110	70	60	80	33.07	cps
Gadolinium	160-1	358	350	333	347	3.67	cps
Gadolinium	160-2	113	120	73	102	24.69	cps
Holmium	165-1	27023534	28060056	27708737	27597442	1.91	cps
Holmium	165-2	11244056	10540288	10963842	10916062	3.25	cps
Indium	115-1	23574580	23999910	24126933	23900474	1.21	cps
Indium	115-2	2961953	2908594	2987570	2952706	1.36	cps
Iron	54-2	12689	12795	12761	12748	0.42	cps
Iron	56-2	236144	237407	237847	237133	0.37	cps
Iron	57-2	6318	5635	5679	5877	6.51	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	657	730	712	6.90	cps
Lead	206-1	1206	1206	1278	1230	3.39	cps
Lead	207-1	1056	906	989	983	7.64	cps
Lead	208-1	4645	4773	4634	4684	1.65	cps
Lithium	6-1	12271420	11877055	11941153	12029876	1.76	cps
Magnesium	24-2	740329	719446	716555	725443	1.79	cps
Manganese	55-2	13920	13270	13149	13446	3.08	cps
Molybdenum	94-1	1067	1033	942	1014	6.38	cps
Molybdenum	95-1	533	533	500	522	3.69	cps
Molybdenum	96-1	767	683	700	717	6.15	cps
Molybdenum	97-1	192	342	308	281	28.08	cps
Molybdenum	98-1	975	875	808	886	9.47	cps
Neodymium	150-1	87	93	100	93	7.14	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	387	417	420	408	4.50	cps
Phosphorus	31-2	150	167	200	172	14.79	cps
Potassium	39-2	92698	90601	91548	91615	1.15	cps
Rhodium	103-1	22824831	23024076	22419324	22756077	1.35	cps
Rhodium	103-2	9413131	9209311	9419852	9347431	1.28	cps
Scandium	45-1	17245320	17204731	17216660	17222237	0.12	cps
Scandium	45-2	465258	446996	460450	457568	2.07	cps
Selenium	82-1	-36	44	-15	-2	-1695.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	20	25	25	20.00	cps
Silicon	28-1	59912922	61041574	59993320	60315939	1.04	cps
Silver	107-1	258	117	175	183	38.84	cps
Silver	109-1	50	142	50	81	65.70	cps
Sodium	23-2	3335518	3220223	3256158	3270633	1.80	cps
Strontium	86-1	354369	353026	344465	350620	1.53	cps
Strontium	88-1	3028062	3070233	3130911	3076402	1.68	cps
Sulfur	34-1	557001	557519	549936	554819	0.76	cps
Terbium	159-1	28541555	28929064	28594120	28688246	0.73	cps
Terbium	159-2	10972897	10630463	10822128	10808496	1.59	cps
Thallium	203-1	267	317	300	294	8.65	cps
Thallium	205-1	850	808	667	775	12.40	cps
Tin	118-1	19348	20057	20199	19868	2.30	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	M3570-17	Instrumnet Name :	P8
Client Sample ID :	JCEY8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:34:48	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1283	1284	1542	1370	10.89	cps
Uranium	238-1	67	92	100	86	20.14	cps
Vanadium	51-2	3120	2970	2890	2994	3.90	cps
Ytterbium	172-1	75	83	100	86	14.78	cps
Ytterbium	172-2	56	22	44	41	41.67	cps
Ytterbium	176-1	3217	3584	3367	3389	5.44	cps
Ytterbium	176-2	1650	1639	1656	1648	0.51	cps
Yttrium	89-1	36305994	36455535	36697158	36486229	0.54	cps
Yttrium	89-2	3335332	3126120	3239815	3233756	3.24	cps
Zinc	66-2	1363	1417	1320	1367	3.54	cps
Zirconium	90-1	2375	2400	2384	2386	0.53	cps
Zirconium	91-1	442	442	558	481	14.02	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4182836	4247592	4149832	4193420	1.19	cps
Antimony	121-1	5087604	5226055	5098367	5137342	1.50	cps
Arsenic	75-2	141356	142044	143439	142280	0.75	cps
Barium	135-1	6459285	6788079	6435203	6560856	3.00	cps
Barium	137-1	11092998	11615005	11144289	11284098	2.55	cps
Beryllium	9-1	1882092	1895528	1892998	1890206	0.38	cps
Bismuth	209-1	15481091	14685351	15426776	15197739	2.93	cps
Bismuth	209-2	6991964	7116915	7165287	7091389	1.26	cps
Boron	10-1	224377	233003	238176	231852	3.01	cps
Boron	11-1	983590	997221	1033662	1004824	2.58	cps
Bromine	81-1	9162	9062	8772	8999	2.26	cps
Cadmium	111-1	1479106	1456778	1467227	1467704	0.76	cps
Cadmium	106-1	169314	169375	168955	169215	0.13	cps
Cadmium	108-1	108998	110119	110908	110008	0.87	cps
Calcium	43-1	10373955	10545940	10394109	10438001	0.90	cps
Calcium	44-1	168882500	168023967	174084630	170330366	1.93	cps
Carbon	12-1	10546353	11149184	11728336	11141291	5.30	cps
Carbon	12-2	133461	135564	137540	135522	1.51	cps
Chlorine	35-1	372829	374935	376579	374781	0.50	cps
Chlorine	35-2	2450	2559	2025	2345	12.03	cps
Chromium	52-2	1624706	1635084	1620977	1626922	0.45	cps
Cobalt	59-2	2842480	2827514	2854373	2841456	0.47	cps
Copper	63-2	22135487	22247282	21843978	22075582	0.94	cps
Dysprosium	156-1	1125	1075	1092	1097	2.32	cps
Dysprosium	156-2	437	497	427	453	8.35	cps
Erbium	164-1	350	325	342	339	3.76	cps
Erbium	164-2	100	163	170	144	26.75	cps
Gadolinium	160-1	1325	1558	1275	1386	10.91	cps
Gadolinium	160-2	663	600	583	616	6.86	cps
Holmium	165-1	26092572	25694297	27176522	26321131	2.91	cps
Holmium	165-2	10425616	10604495	10803250	10611120	1.78	cps
Indium	115-1	21915069	20943215	21696316	21518200	2.37	cps
Indium	115-2	2753353	2762442	2782897	2766231	0.55	cps
Iron	54-2	16989349	17231144	16728537	16983010	1.48	cps
Iron	56-2	314767229	316109785	315834163	315570392	0.22	cps
Iron	57-2	7722527	7598713	7672039	7664426	0.81	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	753	667	700	6.67	cps
Lead	206-1	20761169	20794991	20811126	20789095	0.12	cps
Lead	207-1	17866539	18054669	18066655	17995954	0.62	cps
Lead	208-1	82478374	81710373	82931097	82373281	0.75	cps
Lithium	6-1	11366677	11423974	11495126	11428592	0.56	cps
Magnesium	24-2	63411247	63751133	62364972	63175784	1.14	cps
Manganese	55-2	7719432	7857418	7687092	7754647	1.17	cps
Molybdenum	94-1	12033606	12015653	12270889	12106716	1.18	cps
Molybdenum	95-1	14952219	14860132	14999053	14937135	0.47	cps
Molybdenum	96-1	17230973	16574475	16984357	16929935	1.96	cps
Molybdenum	97-1	9387658	9249128	9131822	9256203	1.38	cps
Molybdenum	98-1	24358710	24381598	23856768	24199026	1.23	cps
Neodymium	150-1	347	293	267	302	13.48	cps
Neodymium	150-2	40	37	13	30	48.44	cps
Nickel	60-2	740556	744355	741797	742236	0.26	cps
Phosphorus	31-2	44519	44527	43357	44134	1.53	cps
Potassium	39-2	20390297	20132227	19997304	20173276	0.99	cps
Rhodium	103-1	19983738	19812563	19960323	19918875	0.47	cps
Rhodium	103-2	8452542	8457355	8600423	8503440	0.99	cps
Scandium	45-1	16467769	15838859	16691116	16332581	2.71	cps
Scandium	45-2	446556	453373	463440	454456	1.87	cps
Selenium	82-1	112612	111322	112083	112006	0.58	cps
Selenium	77-2	2744	2717	2637	2699	2.06	cps
Selenium	78-2	9218	9320	9216	9251	0.64	cps
Silicon	28-1	5279882	5459080	5659389	5466117	3.47	cps
Silver	107-1	7210580	7294536	7230470	7245195	0.61	cps
Silver	109-1	6860638	7047679	6892380	6933566	1.44	cps
Sodium	23-2	122592407	124860715	123229828	123560983	0.95	cps
Strontium	86-1	19004126	19295755	19182456	19160779	0.77	cps
Strontium	88-1	164663450	165835079	165238520	165245683	0.35	cps
Sulfur	34-1	1144078	1138640	1140181	1140966	0.25	cps
Terbium	159-1	27641730	26610682	27987935	27413449	2.61	cps
Terbium	159-2	10265547	10315657	10664241	10415148	2.09	cps
Thallium	203-1	5114532	5110682	5064810	5096674	0.54	cps
Thallium	205-1	11843157	11764585	11904849	11837530	0.59	cps
Tin	118-1	4666546	4640888	4564648	4624028	1.15	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 16:48:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4819454	4666159	4702551	4729388	1.69	cps
Uranium	238-1	16164509	15853579	15983313	16000467	0.98	cps
Vanadium	51-2	1262762	1250567	1296171	1269833	1.86	cps
Ytterbium	172-1	117	50	117	94	40.76	cps
Ytterbium	172-2	61	61	33	52	30.93	cps
Ytterbium	176-1	3217	3167	3175	3187	0.84	cps
Ytterbium	176-2	2361	2411	2406	2393	1.15	cps
Yttrium	89-1	34672809	34101112	35784991	34852971	2.46	cps
Yttrium	89-2	3101218	3102583	3240914	3148238	2.55	cps
Zinc	66-2	2514645	2514903	2502795	2510781	0.28	cps
Zirconium	90-1	10168255	9985823	10257135	10137071	1.36	cps
Zirconium	91-1	2292847	2248626	2284859	2275444	1.04	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	126	137	145	15.71	cps
Antimony	121-1	917	1167	1358	1147	19.31	cps
Arsenic	75-2	10	10	11	10	5.59	cps
Barium	135-1	342	308	250	300	15.47	cps
Barium	137-1	358	433	375	389	10.13	cps
Beryllium	9-1	118	92	74	95	23.37	cps
Bismuth	209-1	16784032	16372833	16323619	16493495	1.53	cps
Bismuth	209-2	7925890	7786136	7894628	7868884	0.93	cps
Boron	10-1	7961	7536	7160	7552	5.30	cps
Boron	11-1	34890	33974	32285	33717	3.92	cps
Bromine	81-1	9804	9253	10244	9767	5.09	cps
Cadmium	111-1	7335	7428	6829	7197	4.48	cps
Cadmium	106-1	10529	10654	9754	10313	4.73	cps
Cadmium	108-1	146	163	129	146	11.43	cps
Calcium	43-1	522	456	539	506	8.64	cps
Calcium	44-1	31126	31096	30843	31021	0.50	cps
Carbon	12-1	7249042	7374610	7397012	7340221	1.09	cps
Carbon	12-2	74992	76390	75905	75762	0.94	cps
Chlorine	35-1	294640	290069	288763	291157	1.06	cps
Chlorine	35-2	1683	1717	1767	1722	2.44	cps
Chromium	52-2	933	1070	947	983	7.66	cps
Cobalt	59-2	83	120	113	106	18.51	cps
Copper	63-2	1273	1217	1283	1258	2.86	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	200	258	208	222	14.20	cps
Erbium	164-2	67	40	70	59	27.92	cps
Gadolinium	160-1	192	208	275	225	19.60	cps
Gadolinium	160-2	47	77	63	62	24.16	cps
Holmium	165-1	26765006	26553903	26124732	26481214	1.23	cps
Holmium	165-2	10870560	10499817	10622413	10664263	1.77	cps
Indium	115-1	23535353	23276263	22088525	22966714	3.36	cps
Indium	115-2	2988961	2971460	2954628	2971683	0.58	cps
Iron	54-2	411	467	406	428	7.90	cps
Iron	56-2	4290	4362	4262	4304	1.20	cps
Iron	57-2	72	122	83	93	28.36	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	730	663	690	5.11	cps
Lead	206-1	2345	2228	2222	2265	3.05	cps
Lead	207-1	1928	1934	1800	1887	4.00	cps
Lead	208-1	9324	9040	8957	9107	2.11	cps
Lithium	6-1	12728789	12585694	12258015	12524166	1.93	cps
Magnesium	24-2	575	508	417	500	15.90	cps
Manganese	55-2	227	190	197	204	9.55	cps
Molybdenum	94-1	1033	975	1025	1011	3.12	cps
Molybdenum	95-1	383	308	333	342	11.18	cps
Molybdenum	96-1	575	633	650	619	6.36	cps
Molybdenum	97-1	208	117	150	158	29.30	cps
Molybdenum	98-1	608	550	483	547	11.43	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	40	40	37	15.75	cps
Phosphorus	31-2	150	133	125	136	9.35	cps
Potassium	39-2	14474	14700	14700	14624	0.89	cps
Rhodium	103-1	22479025	22178832	21488125	22048661	2.30	cps
Rhodium	103-2	9394368	9295792	9433434	9374531	0.76	cps
Scandium	45-1	17350622	17060328	16274131	16895027	3.30	cps
Scandium	45-2	465814	458545	467456	463938	1.02	cps
Selenium	82-1	44	-35	29	13	329.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	20	24	24	18.53	cps
Silicon	28-1	356283	360260	356569	357704	0.62	cps
Silver	107-1	642	608	458	569	17.15	cps
Silver	109-1	317	358	342	339	6.19	cps
Sodium	23-2	36989	35803	36037	36276	1.73	cps
Strontium	86-1	1150	1317	1392	1286	9.62	cps
Strontium	88-1	1892	1750	1750	1797	4.55	cps
Sulfur	34-1	528429	539373	537815	535206	1.11	cps
Terbium	159-1	28776171	28061769	27218955	28018965	2.78	cps
Terbium	159-2	10746871	10690738	10662781	10700130	0.40	cps
Thallium	203-1	1058	1033	1000	1031	2.84	cps
Thallium	205-1	2684	2625	2584	2631	1.91	cps
Tin	118-1	1892	1550	2109	1850	15.22	cps

LB Number :	LB116076	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2021-08-30 17:02:04	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	233	192	244	24.19	cps
Uranium	238-1	108	50	83	81	36.33	cps
Vanadium	51-2	13	0	13	9	86.60	cps
Ytterbium	172-1	83	50	33	56	45.83	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	3417	3476	3209	3367	4.16	cps
Ytterbium	176-2	2406	2400	2072	2293	8.33	cps
Yttrium	89-1	36708163	35157534	34837247	35567648	2.81	cps
Yttrium	89-2	3210268	3303388	3231609	3248421	1.50	cps
Zinc	66-2	710	727	693	710	2.35	cps
Zirconium	90-1	2184	2359	2017	2186	7.82	cps
Zirconium	91-1	358	400	375	378	5.55	cps