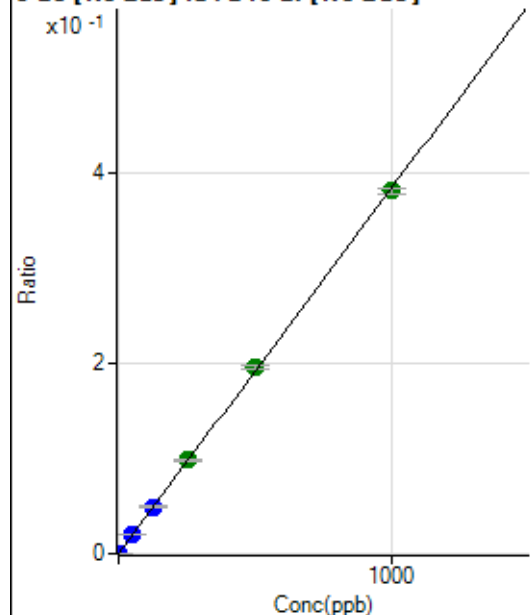


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8082321MS .bb\
Analysis File: P8082321MS .batch.bin
DA Date-Time: 2021-08-23 15:39:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	007CALB.d	S00	2021-08-23 10:29:15
2	008CALS.d	S02	2021-08-23 10:32:20
3	009CALS.d	S03	2021-08-23 10:35:24
4	010CALS.d	S04	2021-08-23 10:38:30
5	011CALS.d	S05	2021-08-23 10:41:33
6	012CALS.d	S06	2021-08-23 10:44:38
7	013CALS.d	S07	2021-08-23 10:47:41
8	014CALS.d	S08	2021-08-23 10:50:47

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	426.59	0.0000	P	4.9
2	☐	1.000	1.011	4657.83	0.0004	P	2.1
3	☐	50.000	51.648	217488.98	0.0199	P	0.0
4	☐	125.000	128.224	532567.95	0.0493	P	2.3
5	☐	250.000	256.063	1067100.03	0.0984	A	2.4
6	☐	500.000	510.287	2105999.94	0.1960	A	1.8
7	☐	1000.000	992.856	4037680.75	0.3812	A	1.7
8	☐			533.91	0.0001	P	11.3

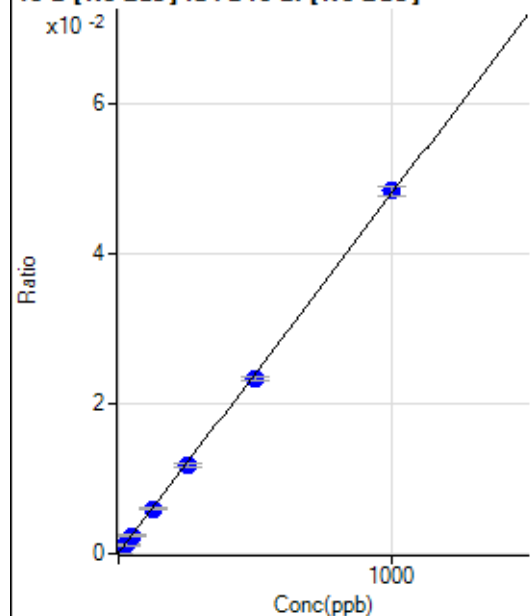
$$y = 3.8394E-004 * x + 3.8838E-005$$

$$R = 0.9999$$

$$DL = 0.01501$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	740.54	0.0001	P	8.9
2	☐	25.000	22.688	12596.27	0.0012	P	5.2
3	☐	50.000	49.036	26448.51	0.0024	P	4.6
4	☐	125.000	122.771	64289.81	0.0059	P	5.5
5	☐	250.000	245.776	128424.66	0.0118	P	5.3
6	☐	500.000	486.441	251207.53	0.0234	P	2.6
7	☐	1000.000	1008.220	512435.93	0.0484	P	2.7
8	☐			38915.35	0.0039	P	12.8

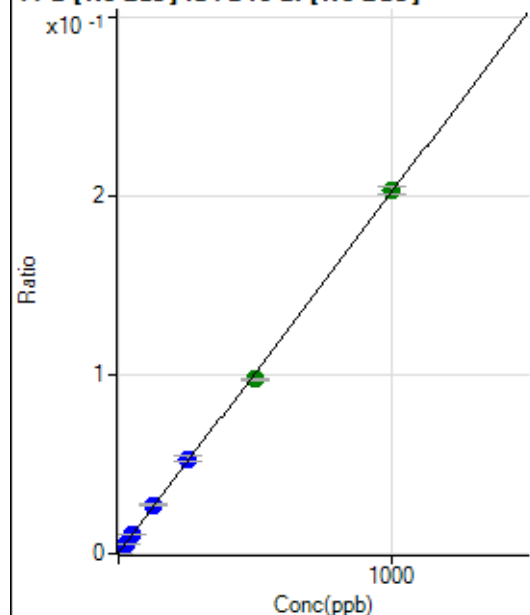
$$y = 4.7903E-005 * x + 6.7451E-005$$

$$R = 0.9999$$

$$DL = 0.3775$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3251.73	0.0003	P	1.4
2	☐	25.000	23.969	55894.95	0.0051	P	5.3
3	☐	50.000	53.035	120106.99	0.0110	P	4.6
4	☐	125.000	133.451	293591.23	0.0272	P	4.9
5	☐	250.000	262.071	575538.98	0.0531	P	4.6
6	☐	500.000	482.727	1047718.51	0.0975	A	0.9
7	☐	1000.000	1004.436	2145335.09	0.2025	A	2.0
8	☐			175566.19	0.0175	P	11.2

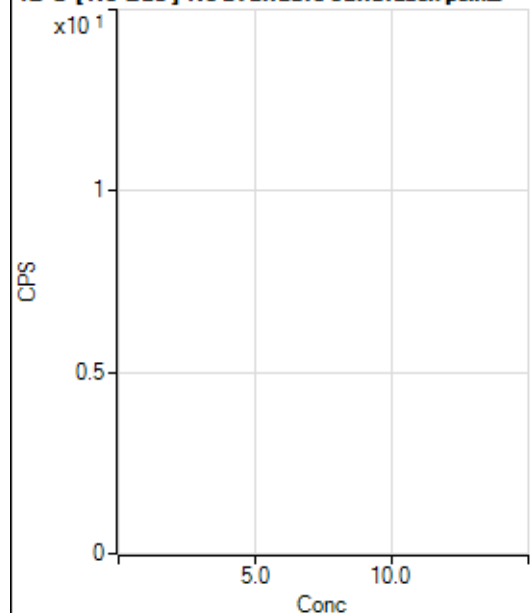
$$y = 2.0134\text{E-}004 * x + 2.9616\text{E-}004$$

$$R = 0.9997$$

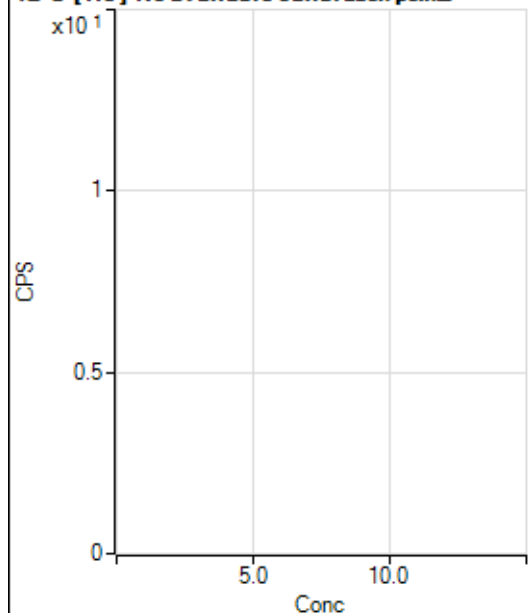
$$DL = 0.06182$$

Weight: <None>

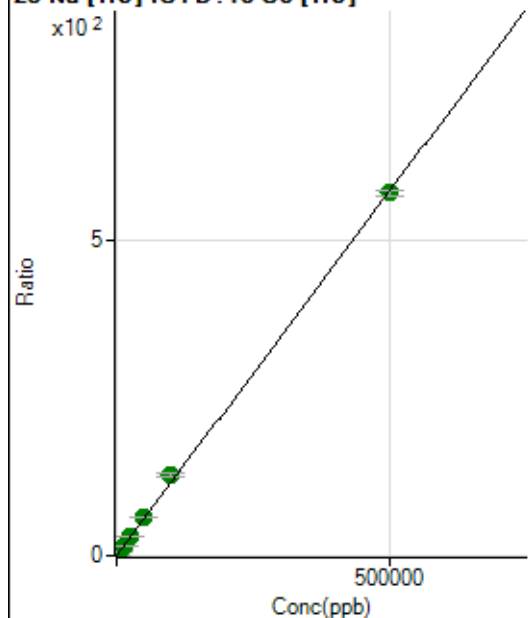
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6641793.12		A	0.4
2	☐			6840011.96		A	0.7
3	☐			7625292.36		A	1.3
4	☐			7813552.08		A	1.7
5	☐			8330900.36		A	2.6
6	☐			9152478.85		A	2.8
7	☐			10834284.27		A	5.2
8	☐			8608618.34		A	1.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68058.07		P	1.1
2	☐			69355.53		P	1.0
3	☐			79579.31		P	0.5
4	☐			83638.04		P	0.4
5	☐			91383.59		P	0.2
6	☐			103640.56		P	1.9
7	☐			125661.04		P	1.7
8	☐			102355.92		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27529.27	0.0599	P	0.7
2	☐	500.000	530.697	311669.73	0.6733	P	0.3
3	☐	5000.000	5424.711	2929667.08	6.3305	A	1.0
4	☐	12500.000	13539.172	7259098.08	15.7103	A	2.1
5	☐	25000.000	26384.197	14430391.99	30.5584	A	1.9
6	☐	50000.000	52097.111	28794653.77	60.2809	A	0.3
7	☐	100000.00	109557.65	58097181.86	126.7018	A	4.6
8	☐	500000.00	497779.29	290066937.0	575.4623	A	1.3

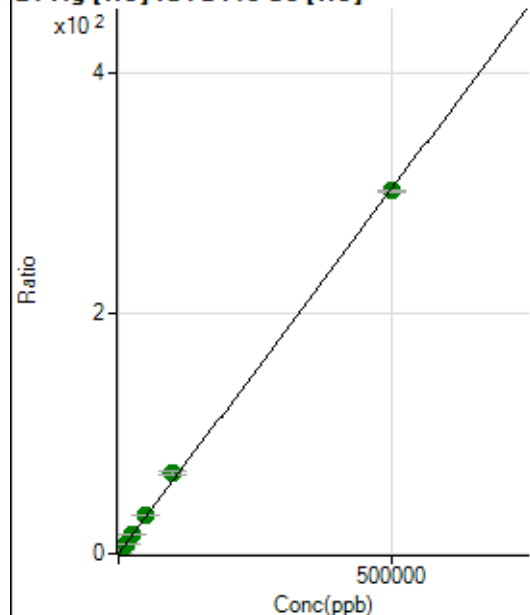
$$y = 0.0012 * x + 0.0599$$

$$R = 0.9998$$

$$DL = 1.123$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	536.13	0.0012	P	13.9
2	☐	500.000	528.942	148872.19	0.3216	P	0.8
3	☐	5000.000	5531.152	1551398.86	3.3523	A	0.6
4	☐	12500.000	13568.327	3799521.22	8.2217	A	1.0
5	☐	25000.000	26648.549	7624898.26	16.1466	A	0.7
6	☐	50000.000	52241.624	15119626.55	31.6525	A	0.3
7	☐	100000.00	110668.52	30738993.05	67.0512	A	5.0
8	☐	500000.00	497527.65	151943122.8	301.4353	A	0.7

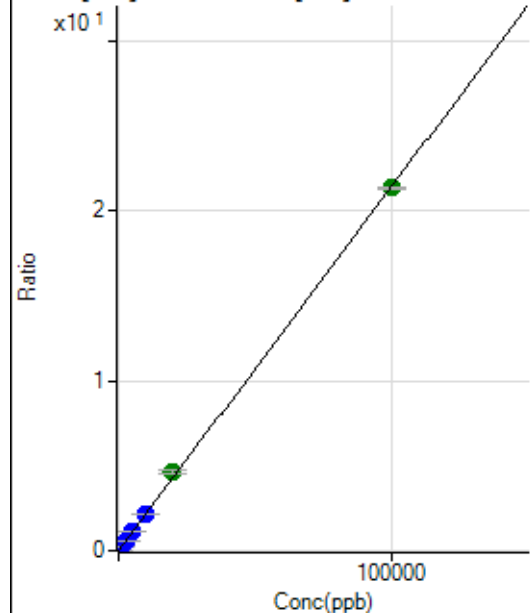
$$y = 6.0586\text{E-}004 * x + 0.0012$$

$$R = 0.9998$$

$$DL = 0.8039$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.39	0.0005	P	4.4
2	☐	20.000	21.145	2324.07	0.0050	P	3.6
3	☐	1000.000	1047.601	104085.03	0.2249	P	1.0
4	☐	2500.000	2585.333	256177.07	0.5544	P	0.6
5	☐	5000.000	5110.090	517214.21	1.0952	P	0.0
6	☐	10000.000	10009.146	1024512.25	2.1448	P	0.4
7	☐	20000.000	21504.276	2112014.88	4.6075	A	5.3
8	☐	100000.00	99690.116	10765358.51	21.3576	A	0.5

$$y = 2.1423\text{E-}004 * x + 4.9008\text{E-}004$$

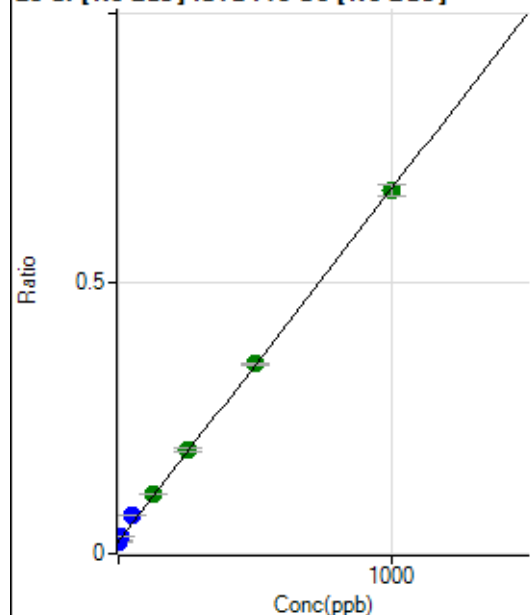
$$R = 0.9999$$

$$DL = 0.2997$$

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	318583.71	0.0231	P	1.3
2	☐	10.000	12.357	426725.66	0.0312	P	0.7
3	☐	50.000	75.519	993338.65	0.0723	P	1.3
4	☐	125.000	132.100	1487439.02	0.1092	A	0.9
5	☐	250.000	259.711	2668244.38	0.1923	A	3.4
6	☐	500.000	502.337	4834901.67	0.3503	A	1.4
7	☐	1000.000	994.217	9404881.20	0.6707	A	3.1
8	☐			768087.73	0.0563	P	1.1

$$y = 6.5140\text{E-}004 * x + 0.0231$$

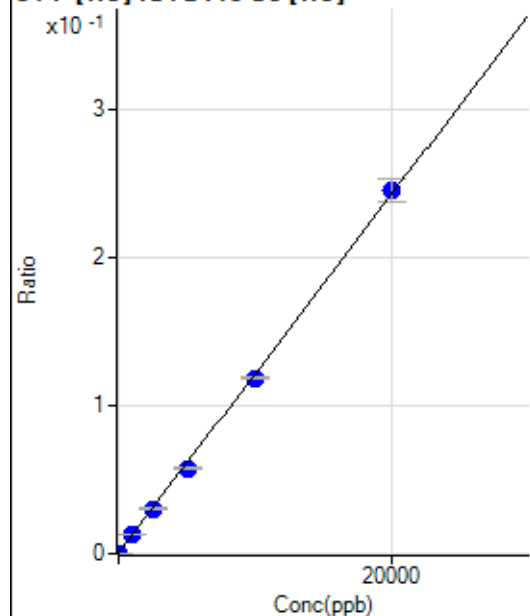
$$R = 0.9997$$

$$DL = 1.424$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-3.068	244.45	0.0005	P	10.8
2	☐	0.000	3.068	280.56	0.0006	P	9.8
3	☐	1000.000	1000.777	5859.68	0.0127	P	2.6
4	☐	2500.000	2447.243	13926.44	0.0301	P	2.7
5	☐	5000.000	4728.842	27251.19	0.0577	P	2.9
6	☐	10000.000	9745.409	56521.98	0.1183	P	1.0
7	☐	20000.000	20201.641	112127.38	0.2447	P	6.2
8	☐			316.68	0.0006	P	14.6

$$y = 1.2083\text{E-}005 * x + 5.6881\text{E-}004$$

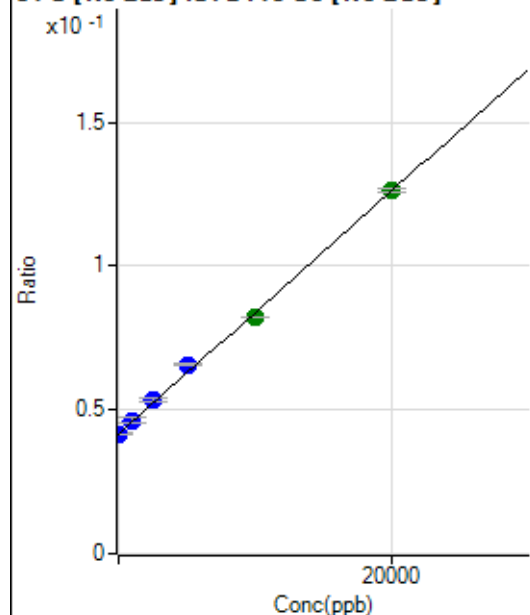
$$R = 0.9998$$

$$DL = 14.53$$

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	19.811	575847.43	0.0418	P	1.1
2	☐	0.000	-19.811	569747.14	0.0416	P	0.6
3	☐	1000.000	1109.081	636788.35	0.0464	P	3.7
4	☐	2500.000	2814.614	729901.82	0.0536	P	1.9
5	☐	5000.000	5690.084	912082.16	0.0657	P	0.9
6	☐	10000.000	9595.907	1134863.83	0.0822	A	0.7
7	☐	20000.000	19984.745	1768723.07	0.1261	A	1.1
8	☐			490456.40	0.0360	P	1.2

$$y = 4.2259\text{E-}006 * x + 0.0417$$

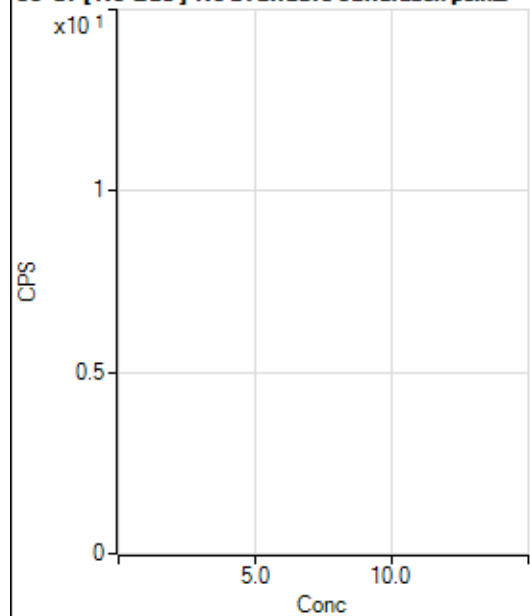
R = 0.9990

DL = 254.2

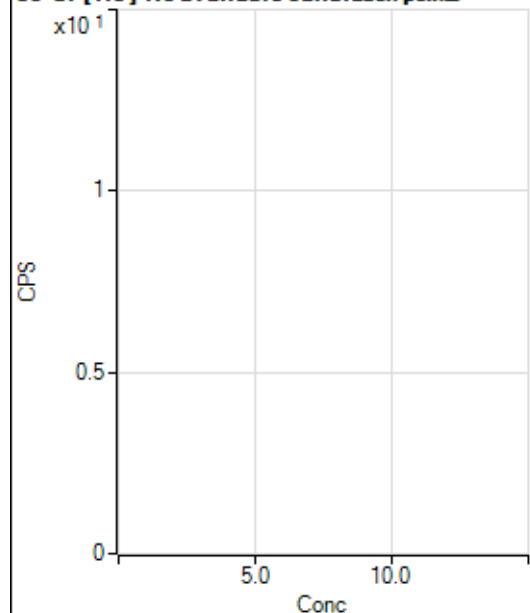
Weight: <None>

Min Conc: 0

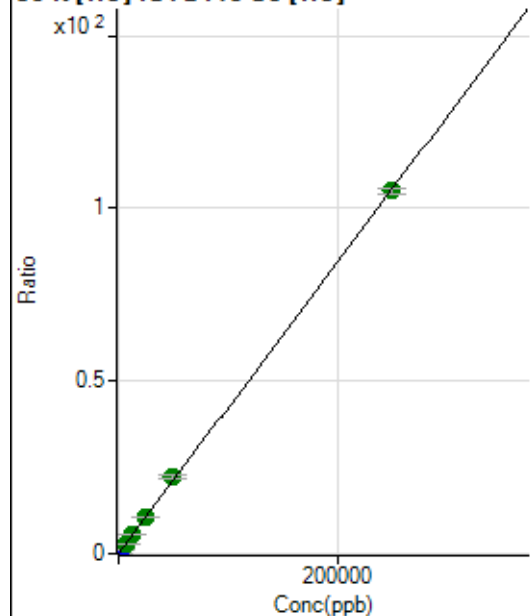
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			224307.41		P	0.2
2	☐			238954.68		P	0.4
3	☐			275652.99		P	1.3
4	☐			258470.22		P	0.5
5	☐			288670.83		P	0.1
6	☐			280418.87		P	0.9
7	☐			264425.95		P	0.9
8	☐			254842.28		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1630.69		P	9.3
2	☐			1736.27		P	6.5
3	☐			1891.84		P	14.2
4	☐			1755.71		P	7.2
5	☐			2216.89		P	4.1
6	☐			2014.09		P	6.7
7	☐			2025.20		P	5.7
8	☐			1933.51		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15803.54	0.0344	P	2.7
2	☐	500.000	493.253	112008.38	0.2420	P	0.5
3	☐	2500.000	2599.707	522293.76	1.1286	P	0.8
4	☐	6250.000	6394.681	1259757.73	2.7260	A	0.1
5	☐	12500.000	12699.204	2540443.61	5.3797	A	0.9
6	☐	25000.000	24807.642	5004277.15	10.4763	A	0.2
7	☐	50000.000	52867.575	10213323.84	22.2872	A	6.1
8	☐	250000.00	249431.16	52942150.84	105.0238	A	1.9

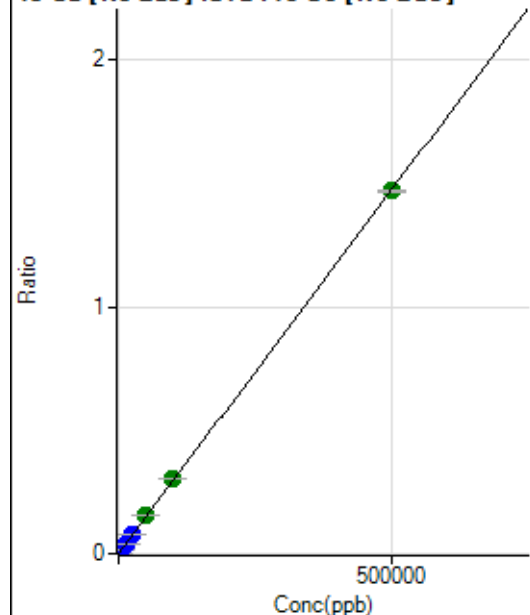
$$y = 4.2092\text{E-}004 * x + 0.0344$$

$$R = 0.9999$$

$$DL = 6.675$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	521.61	0.0000	P	7.3
2	☐	500.000	483.426	20018.87	0.0015	P	1.0
3	☐	5000.000	5273.276	213811.89	0.0156	P	3.5
4	☐	12500.000	13140.974	527785.02	0.0387	P	1.6
5	☐	25000.000	25883.298	1058314.50	0.0763	P	0.4
6	☐	50000.000	53092.796	2158388.56	0.1564	A	0.9
7	☐	100000.00	103856.63	4289351.44	0.3059	A	0.6
8	☐	500000.00	498856.48	20025864.93	1.4691	A	0.7

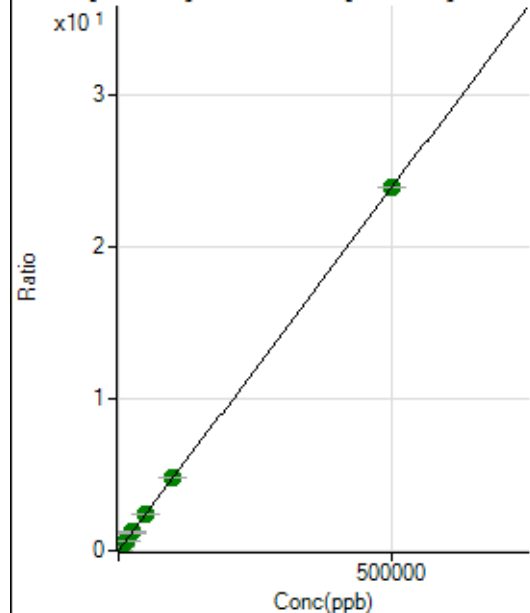
$$y = 2.9449\text{E-}006 * x + 3.7816\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.819$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33792.66	0.0025	P	0.3
2	☐	500.000	481.944	348615.16	0.0255	P	0.7
3	☐	5000.000	5148.277	3409746.47	0.2481	A	0.5
4	☐	12500.000	12713.729	8301286.83	0.6092	A	0.6
5	☐	25000.000	25187.559	16714954.41	1.2045	A	1.6
6	☐	50000.000	50450.325	33263497.32	2.4101	A	0.9
7	☐	100000.00	99927.481	66909189.79	4.7713	A	0.4
8	☐	500000.00	499953.28	325263705.8	23.8616	A	0.1

$$y = 4.7723\text{E-}005 * x + 0.0025$$

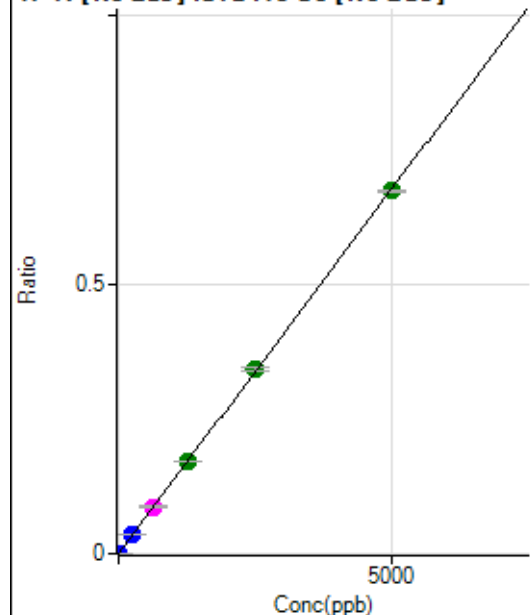
$$R = 1.0000$$

$$DL = 0.4414$$

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	236.12	0.0000	P	9.3
2	☐	5.000	4.973	9453.34	0.0007	P	1.9
3	☐	250.000	260.945	485366.13	0.0353	P	2.1
4	☐	625.000	643.001	1185897.86	0.0870	M	1.5
5	☐	1250.000	1271.231	2387621.78	0.1720	A	0.8
6	☐	2500.000	2525.119	4716267.21	0.3417	A	1.7
7	☐	5000.000	4979.335	9449655.85	0.6739	A	0.4
8	☐			3772.80	0.0003	P	5.8

$$y = 1.3533\text{E-}004 * x + 1.7134\text{E-}005$$

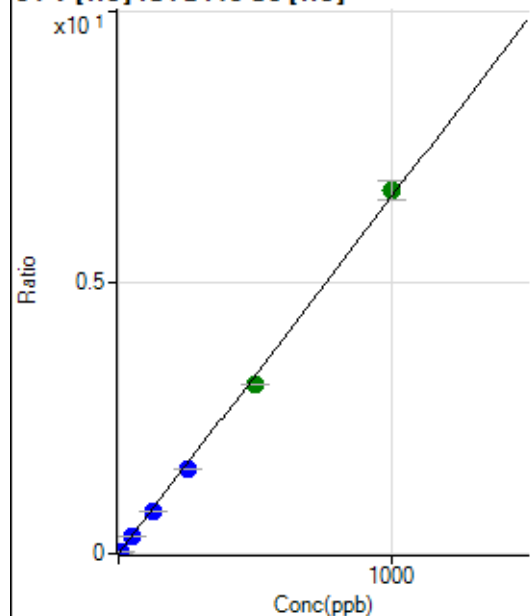
$$R = 1.0000$$

$$DL = 0.03535$$

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	81.11	0.0002	P	20.2
2	☐	5.000	4.757	14545.28	0.0314	P	0.8
3	☐	50.000	47.984	145930.20	0.3153	P	1.1
4	☐	125.000	119.043	361389.67	0.7821	P	1.2
5	☐	250.000	237.781	737622.76	1.5620	P	0.7
6	☐	500.000	474.101	1487545.66	3.1142	A	1.0
7	☐	1000.000	1016.851	3061439.71	6.6791	A	5.4
8	☐			600.02	0.0012	P	7.0

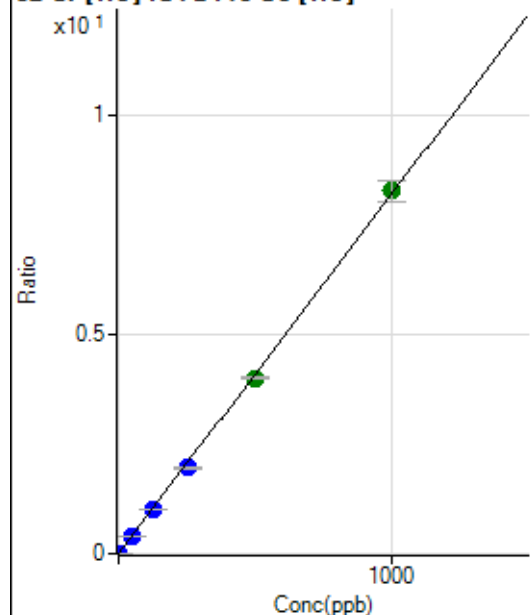
$$y = 0.0066 * x + 1.7626\text{E-}004$$

$$R = 0.9994$$

$$DL = 0.01626$$

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	1194.51	0.0026	P	5.3
2	☐	2.000	1.975	8707.19	0.0188	P	0.6
3	☐	50.000	48.999	187329.34	0.4048	P	0.7
4	☐	125.000	120.957	460002.38	0.9954	P	0.5
5	☐	250.000	238.801	926877.48	1.9627	P	1.1
6	☐	500.000	487.581	1912954.99	4.0048	A	0.9
7	☐	1000.000	1009.565	3799634.70	8.2893	A	5.5
8	☐			25198.96	0.0500	P	3.0

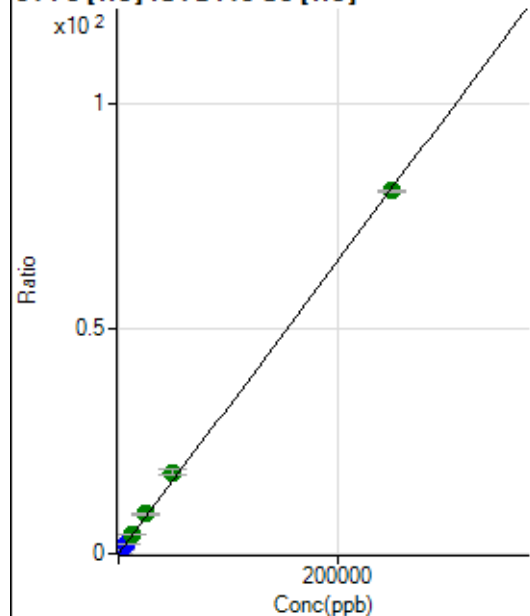
$$y = 0.0082 * x + 0.0026$$

$$R = 0.9998$$

$$DL = 0.05062$$

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	500.02	0.0011	P	7.6
2	☐	50.000	53.793	8582.36	0.0185	P	3.5
3	☐	2500.000	2746.567	412891.43	0.8922	P	0.6
4	☐	6250.000	6804.400	1020651.48	2.2087	P	1.0
5	☐	12500.000	13730.258	2104153.33	4.4557	A	1.2
6	☐	25000.000	27034.853	4190223.36	8.7723	A	1.1
7	☐	50000.000	55970.981	8324857.59	18.1603	A	5.3
8	☐	250000.00	248524.47	40642637.02	80.6325	A	0.8

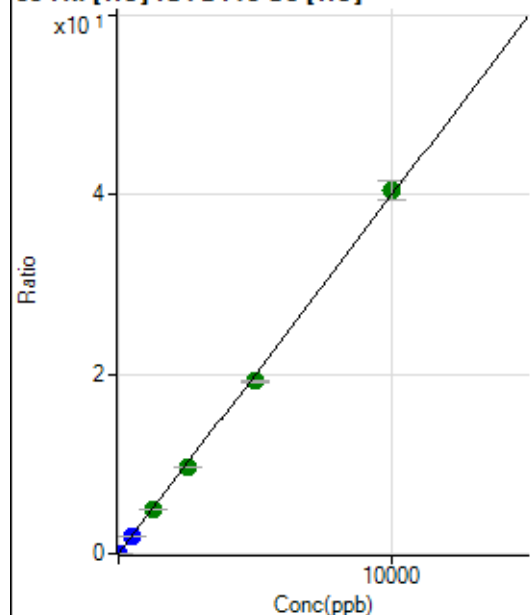
$$y = 3.2444E-004 * x + 0.0011$$

$$R = 0.9997$$

$$DL = 0.7612$$

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	111.11	0.0002	P	23.0
2	☐	1.000	0.957	1879.03	0.0041	P	2.5
3	☐	500.000	486.969	898796.44	1.9422	P	0.8
4	☐	1250.000	1215.906	2240611.60	4.8490	A	1.4
5	☐	2500.000	2425.763	4568205.90	9.6736	A	0.3
6	☐	5000.000	4806.086	9155070.14	19.1657	A	2.0
7	☐	10000.000	10120.429	18500104.45	40.3580	A	5.4
8	☐			13747.84	0.0273	P	2.4

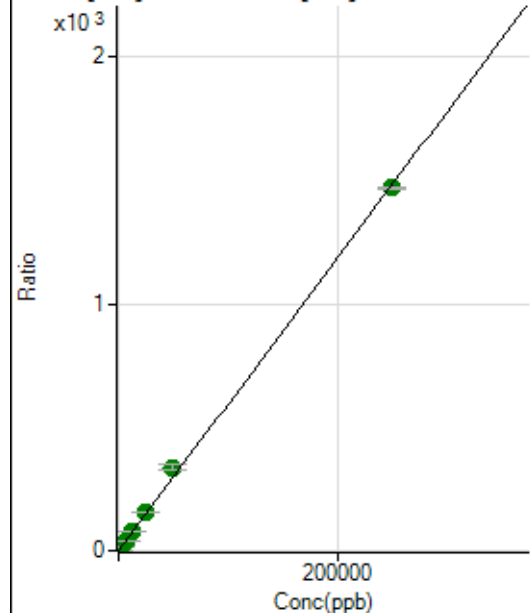
$$y = 0.0040 * x + 2.4182E-004$$

$$R = 0.9997$$

$$DL = 0.04186$$

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	4950.95	0.0108	P	2.1
2	☐	50.000	54.238	153638.91	0.3319	P	0.3
3	☐	2500.000	2761.504	7571721.29	16.3621	A	1.3
4	☐	6250.000	6781.117	18558820.09	40.1630	A	1.7
5	☐	12500.000	13440.614	37587689.26	79.5952	A	0.6
6	☐	25000.000	26668.250	75433394.28	157.9185	A	1.7
7	☐	50000.000	56922.125	154413136.7	337.0573	A	6.8
8	☐	250000.00	248385.82	741341157.3	1,470.749	A	0.3

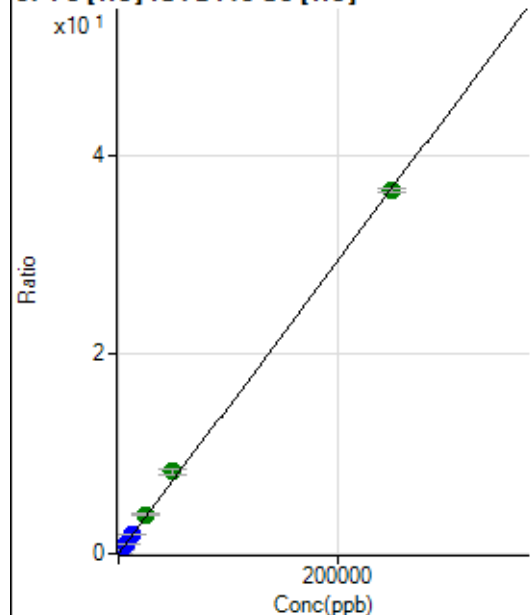
$$y = 0.0059 * x + 0.0108$$

$$R = 0.9996$$

$$DL = 0.1158$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.52	0.0003	P	19.0
2	☐	50.000	52.361	3670.90	0.0079	P	2.6
3	☐	2500.000	2700.898	183291.43	0.3961	P	1.9
4	☐	6250.000	6681.063	452586.73	0.9794	P	0.7
5	☐	12500.000	13175.544	911968.10	1.9312	P	0.8
6	☐	25000.000	26839.129	1878970.85	3.9337	A	1.7
7	☐	50000.000	56030.792	3762072.65	8.2118	A	6.7
8	☐	250000.00	248563.36	18361886.64	36.4284	A	1.0

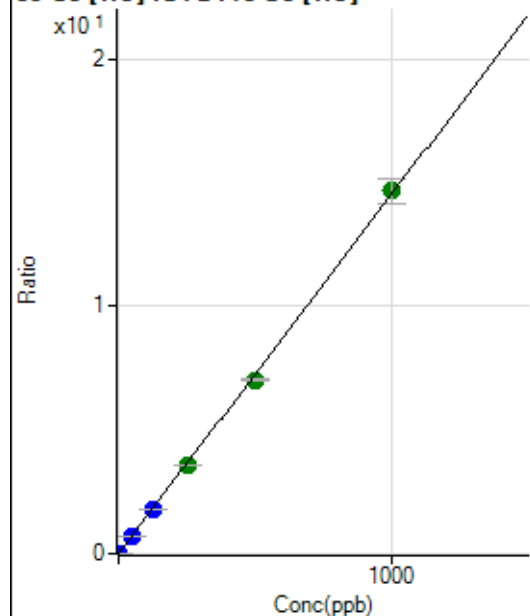
$$y = 1.4655E-004 * x + 2.5759E-004$$

$$R = 0.9997$$

$$DL = 1.004$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.89	0.0005	P	14.6
2	☐	1.000	0.953	6623.84	0.0143	P	1.5
3	☐	50.000	49.637	333707.26	0.7211	P	0.5
4	☐	125.000	122.681	823240.68	1.7816	P	1.2
5	☐	250.000	245.418	1682782.95	3.5634	A	0.5
6	☐	500.000	483.159	3350810.61	7.0150	A	0.9
7	☐	1000.000	1009.874	6715865.59	14.6618	A	7.1
8	☐			9499.93	0.0189	P	4.5

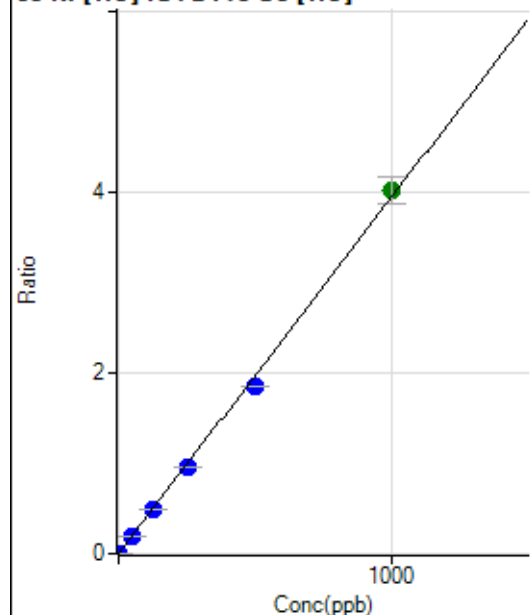
$$y = 0.0145 * x + 4.7624E-004$$

$$R = 0.9998$$

$$DL = 0.01439$$

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	134.45	0.0003	P	13.5
2	☐	1.000	1.025	2006.83	0.0043	P	5.0
3	☐	50.000	50.067	91516.44	0.1978	P	0.4
4	☐	125.000	122.317	223053.31	0.4827	P	1.3
5	☐	250.000	241.005	449008.10	0.9508	P	0.4
6	☐	500.000	469.222	884130.20	1.8509	P	0.5
7	☐	1000.000	1017.970	1838867.37	4.0151	A	7.6
8	☐			8711.63	0.0173	P	1.3

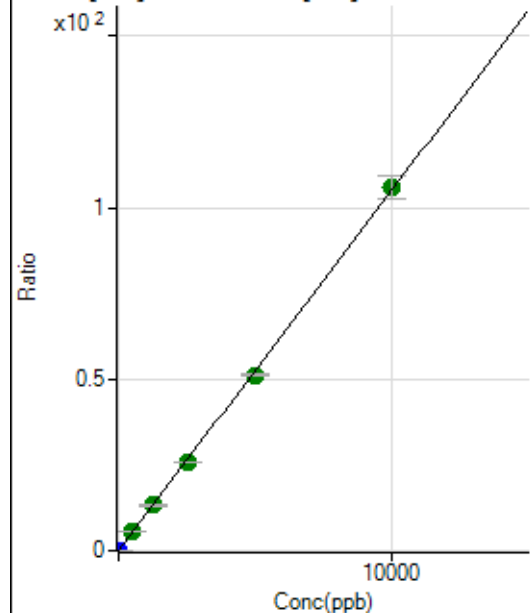
$$y = 0.0039 * x + 2.9233E-004$$

$$R = 0.9993$$

$$DL = 0.03009$$

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	912.26	0.0020	P	3.4
2	☐	2.000	1.953	10407.24	0.0225	P	1.3
3	☐	500.000	516.350	2509078.90	5.4217	A	1.0
4	☐	1250.000	1263.311	6127773.31	13.2621	A	2.3
5	☐	2500.000	2463.638	12212466.90	25.8611	A	0.3
6	☐	5000.000	4868.361	24410176.02	51.1018	A	0.9
7	☐	10000.000	10072.428	48444033.72	105.7253	A	6.3
8	☐			15652.05	0.0311	P	1.7

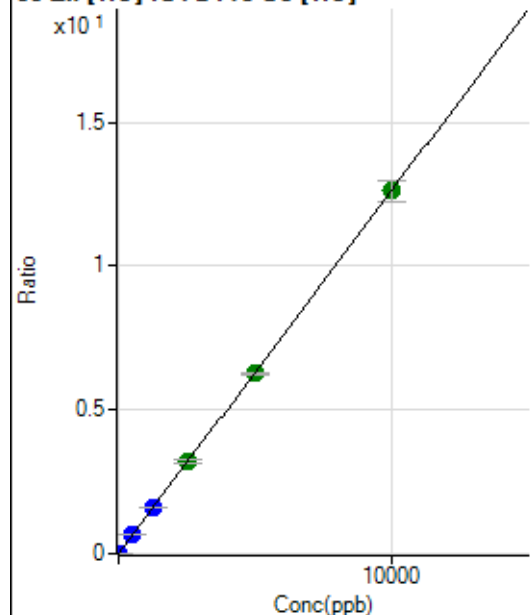
$$y = 0.0105 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.01933$$

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	535.57	0.0012	P	1.7
2	☐	2.000	2.283	1871.25	0.0040	P	5.2
3	☐	500.000	521.773	305002.15	0.6591	P	1.6
4	☐	1250.000	1281.343	747102.32	1.6168	P	1.3
5	☐	2500.000	2544.521	1515682.34	3.2095	A	2.7
6	☐	5000.000	4970.238	2994127.94	6.2681	A	1.1
7	☐	10000.000	9998.744	5778782.69	12.6085	A	5.7
8	☐			12706.90	0.0252	P	1.6

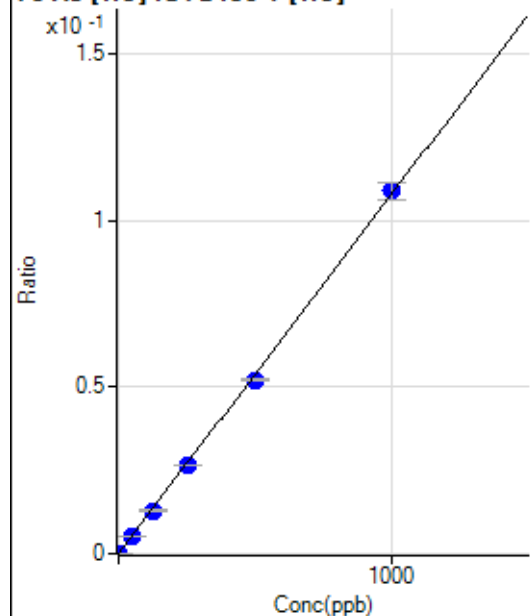
$$y = 0.0013 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.04653$$

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	37.33	0.0000	P	2.0
2	☐	1.000	0.959	350.71	0.0001	P	11.5
3	☐	50.000	49.353	16411.17	0.0053	P	1.8
4	☐	125.000	119.859	40523.84	0.0130	P	1.4
5	☐	250.000	245.583	82087.80	0.0265	P	1.0
6	☐	500.000	484.182	163633.08	0.0523	P	1.5
7	☐	1000.000	1009.688	330778.39	0.1090	P	4.7
8	☐			116.68	0.0000	P	9.5

$$y = 1.0796E-004 * x + 1.2254E-005$$

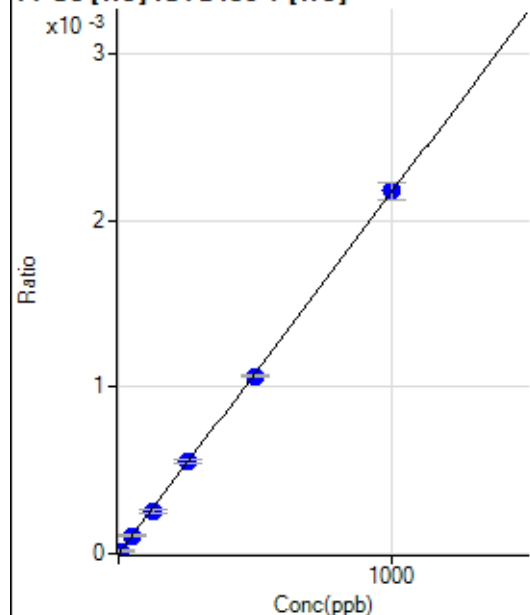
$$R = 0.9998$$

$$DL = 0.006885$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.235	47.78	0.0000	P	43.6
3	☐	50.000	48.796	325.56	0.0001	P	11.1
4	☐	125.000	117.238	795.59	0.0003	P	9.2
5	☐	250.000	255.793	1717.90	0.0006	P	2.7
6	☐	500.000	491.358	3337.10	0.0011	P	1.8
7	☐	1000.000	1003.892	6610.51	0.0022	P	4.7
8	☐			3.33	0.0000	P	100.0

$$y = 2.1701\text{E-}006 * x + 0.0000\text{E+}000$$

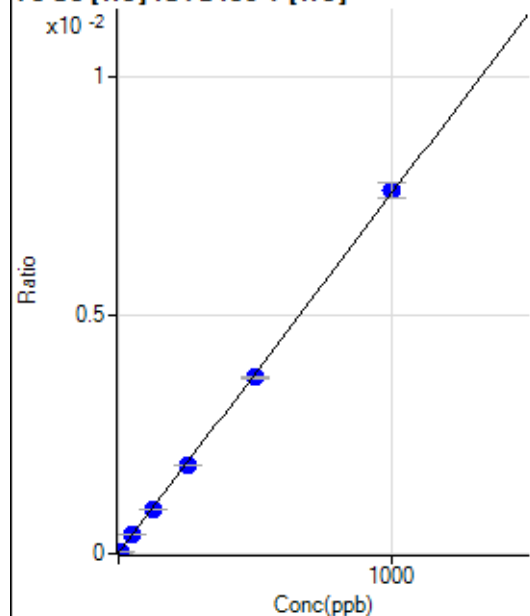
$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.67	0.0000	P	14.6
2	☐	5.000	4.794	141.02	0.0000	P	6.1
3	☐	50.000	50.608	1203.17	0.0004	P	3.0
4	☐	125.000	121.673	2899.26	0.0009	P	3.6
5	☐	250.000	244.995	5742.76	0.0019	P	0.2
6	☐	500.000	488.174	11539.56	0.0037	P	2.0
7	☐	1000.000	1007.551	23058.78	0.0076	P	4.4
8	☐			39.67	0.0000	P	16.9

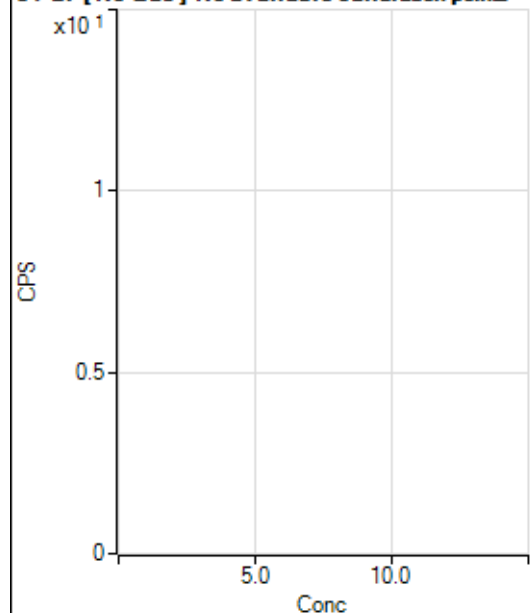
$$y = 7.5317\text{E-}006 * x + 1.0382\text{E-}005$$

$$R = 0.9999$$

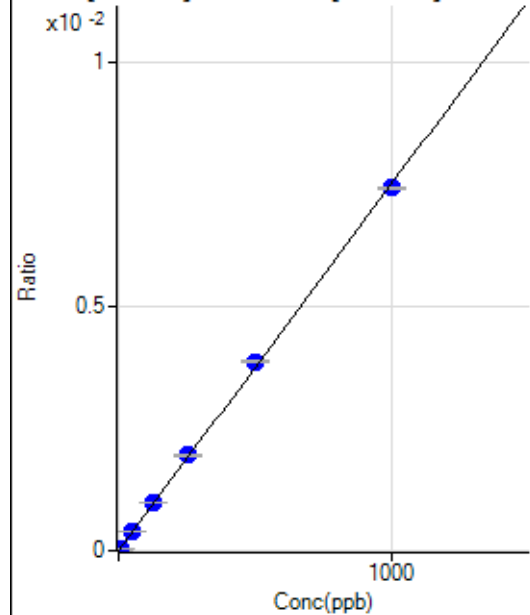
$$DL = 0.6043$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7897.06		P	1.7
2	☐			8160.82		P	4.0
3	☐			7733.46		P	2.3
4	☐			7229.32		P	6.5
5	☐			8134.11		P	2.1
6	☐			7826.95		P	4.9
7	☐			8761.76		P	3.5
8	☐			8581.46		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-33.13	0.0000	P	-267.
2	☐	5.000	5.259	1081.23	0.0000	P	1.2
3	☐	50.000	54.150	11599.35	0.0004	P	1.8
4	☐	125.000	131.585	28520.74	0.0010	P	1.2
5	☐	250.000	259.928	56737.16	0.0020	P	1.3
6	☐	500.000	514.292	112073.72	0.0039	P	1.1
7	☐	1000.000	989.340	218951.17	0.0074	P	0.6
8	☐			-12.90	0.0000	P	-745.

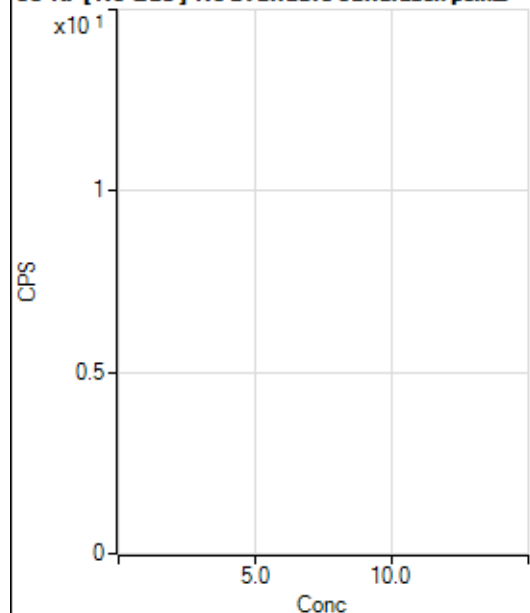
$$y = 7.5118E-006 * x - 1.1790E-006$$

$$R = 0.9998$$

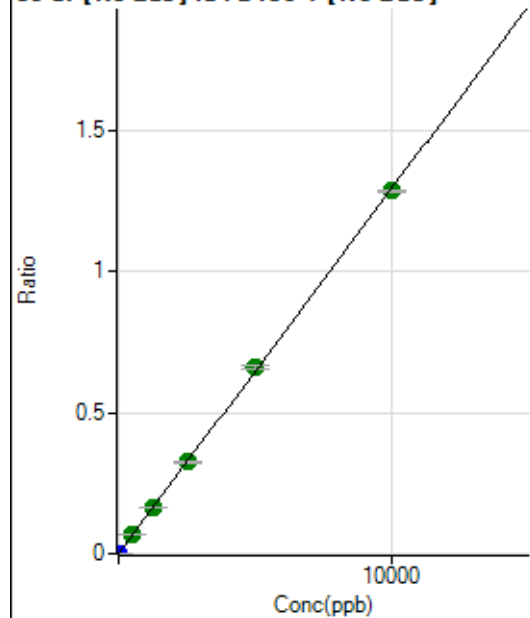
$$DL = 1.261$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1053.39		P	7.4
2	☐			1062.27		P	4.5
3	☐			986.71		P	3.6
4	☐			986.71		P	5.6
5	☐			1013.38		P	7.7
6	☐			1052.27		P	4.5
7	☐			1033.38		P	4.0
8	☐			1083.39		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1789.05	0.0001	P	5.0
2	☐	1.000	1.079	5709.68	0.0002	P	4.3
3	☐	500.000	522.861	1933568.03	0.0676	A	0.6
4	☐	1250.000	1267.787	4732456.44	0.1638	A	0.5
5	☐	2500.000	2507.369	9418287.19	0.3239	A	1.7
6	☐	5000.000	5105.687	19139357.55	0.6595	A	1.4
7	☐	10000.000	9941.948	37842024.46	1.2842	A	0.4
8	☐			13937.89	0.0005	P	6.6

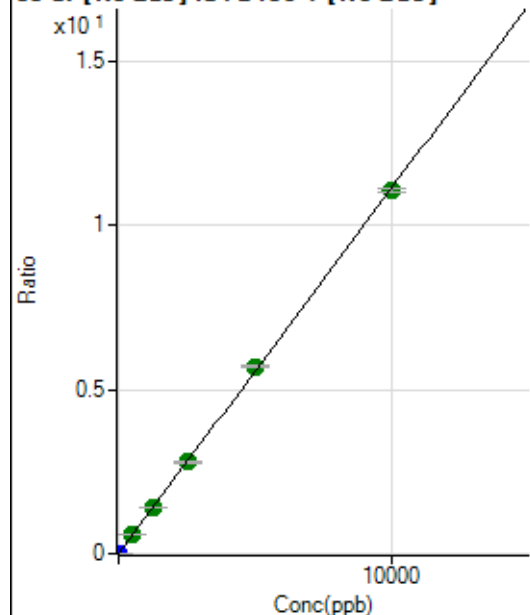
$$y = 1.2916E-004 * x + 6.2895E-005$$

$$R = 0.9999$$

$$DL = 0.07271$$

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	1725.16	0.0001	P	3.5
2	☐	1.000	1.095	36061.13	0.0013	P	0.1
3	☐	500.000	513.333	16333748.11	0.5711	A	0.7
4	☐	1250.000	1267.206	40722968.27	1.4096	A	0.4
5	☐	2500.000	2513.993	81311123.35	2.7965	A	1.5
6	☐	5000.000	5128.783	165562198.1	5.7051	A	0.9
7	☐	10000.000	9929.293	325453912.8	11.0449	A	1.0
8	☐			105481.06	0.0037	P	4.6

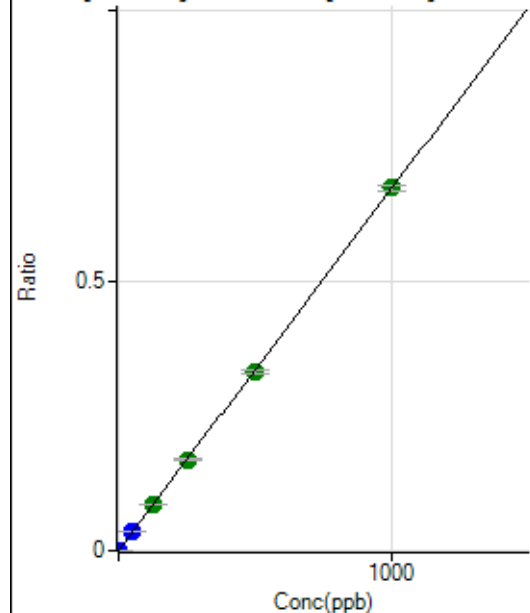
$$y = 0.0011 * x + 6.0669E-005$$

$$R = 0.9999$$

$$DL = 0.005767$$

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	1844.62	0.0001	P	6.4
2	☐	1.000	0.978	20326.57	0.0007	P	5.2
3	☐	50.000	50.983	979835.80	0.0343	P	1.8
4	☐	125.000	127.295	2468468.26	0.0854	A	0.3
5	☐	250.000	251.372	4904495.99	0.1687	A	1.2
6	☐	500.000	494.370	9626005.51	0.3317	A	1.4
7	☐	1000.000	1002.136	19807463.81	0.6722	A	1.6
8	☐			11138.08	0.0004	P	3.9

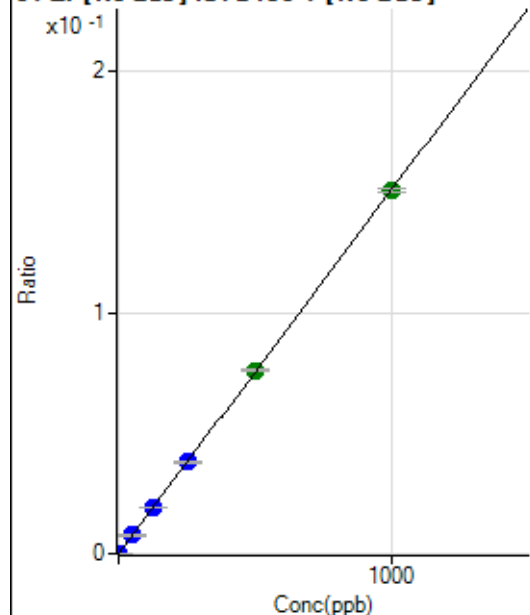
$$y = 6.7075E-004 * x + 6.4881E-005$$

$$R = 1.0000$$

$$DL = 0.01862$$

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	302.79	0.0000	P	18.8
2	☐	1.000	0.970	4434.16	0.0002	P	4.7
3	☐	50.000	50.310	217527.09	0.0076	P	2.3
4	☐	125.000	125.590	548085.32	0.0190	P	0.2
5	☐	250.000	251.743	1105491.76	0.0380	P	0.7
6	☐	500.000	504.338	2210049.31	0.0762	A	0.8
7	☐	1000.000	997.306	4436960.47	0.1506	A	1.2
8	☐			2653.11	0.0001	P	1.9

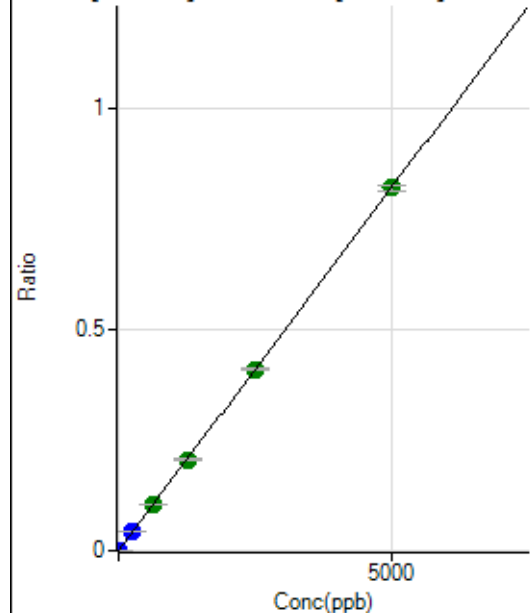
$$y = 1.5098\text{E-}004 * x + 1.0638\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03973$$

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	694.48	0.0000	P	4.7
2	☐	5.000	5.017	23882.19	0.0008	P	2.6
3	☐	250.000	257.930	1209858.21	0.0423	P	0.6
4	☐	625.000	635.199	3008280.77	0.1041	A	1.4
5	☐	1250.000	1252.838	5970942.32	0.2054	A	2.1
6	☐	2500.000	2499.802	11890828.13	0.4097	A	0.6
7	☐	5000.000	4997.718	24135893.60	0.8191	A	1.4
8	☐			10078.96	0.0004	P	6.5

$$y = 1.6389\text{E-}004 * x + 2.4415\text{E-}005$$

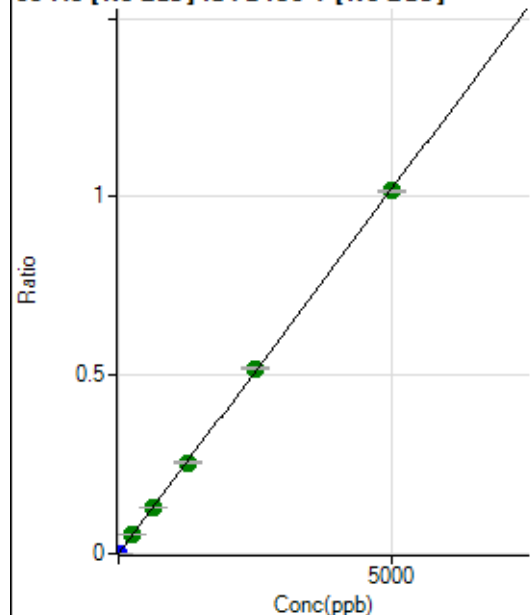
$$R = 1.0000$$

$$DL = 0.02119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0000	P	21.7
2	☐	5.000	4.953	28799.79	0.0010	P	3.2
3	☐	250.000	256.072	1495657.68	0.0523	A	1.6
4	☐	625.000	629.212	3711888.54	0.1285	A	0.8
5	☐	1250.000	1244.900	7391201.56	0.2542	A	1.5
6	☐	2500.000	2543.422	15071110.41	0.5193	A	1.1
7	☐	5000.000	4978.734	29955256.57	1.0166	A	0.7
8	☐			10837.87	0.0004	P	7.8

$$y = 2.0419\text{E-}004 * x + 9.6673\text{E-}006$$

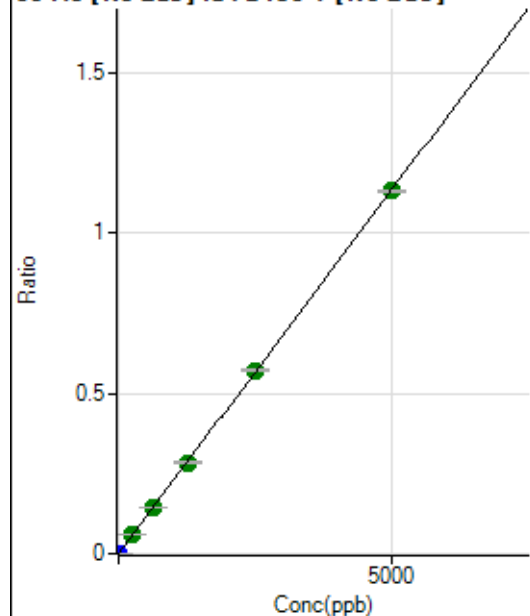
$$R = 0.9999$$

$$DL = 0.03087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.69	0.0000	P	13.6
2	☐	5.000	4.982	32396.99	0.0011	P	1.0
3	☐	250.000	258.583	1679488.52	0.0587	A	1.8
4	☐	625.000	631.170	4140335.47	0.1433	A	1.7
5	☐	1250.000	1250.083	8253076.31	0.2838	A	2.1
6	☐	2500.000	2519.055	16597435.62	0.5719	A	0.8
7	☐	5000.000	4989.252	33378322.97	1.1328	A	0.3
8	☐			14524.62	0.0005	P	5.3

$$y = 2.2704\text{E-}004 * x + 1.7295\text{E-}005$$

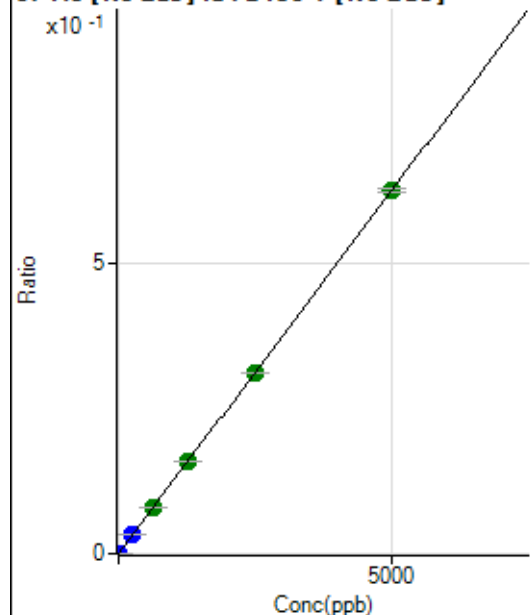
$$R = 1.0000$$

$$DL = 0.03114$$

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	172.23	0.0000	P	26.0
2	☐	5.000	5.032	17881.35	0.0006	P	4.9
3	☐	250.000	259.643	926767.13	0.0324	P	0.2
4	☐	625.000	628.413	2265181.17	0.0784	A	1.7
5	☐	1250.000	1268.442	4601982.65	0.1583	A	1.0
6	☐	2500.000	2489.724	9015209.49	0.3106	A	0.8
7	☐	5000.000	4999.619	18380272.81	0.6238	A	1.2
8	☐			6443.32	0.0002	P	2.5

$$y = 1.2476E-004 * x + 6.0500E-006$$

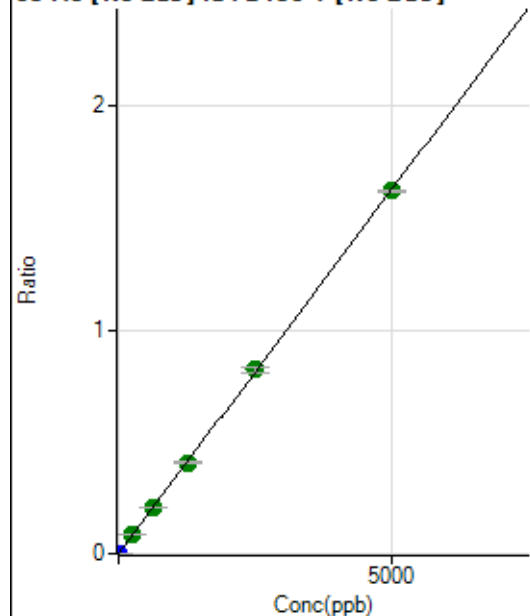
$$R = 1.0000$$

$$DL = 0.03789$$

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	522.25	0.0000	P	9.4
2	☐	5.000	4.870	45210.59	0.0016	P	2.1
3	☐	250.000	259.727	2417159.99	0.0845	A	1.2
4	☐	625.000	622.727	5853149.96	0.2026	A	0.3
5	☐	1250.000	1252.786	11851251.39	0.4076	A	0.8
6	☐	2500.000	2525.299	23840182.30	0.8216	A	2.4
7	☐	5000.000	4986.452	47801816.00	1.6222	A	0.5
8	☐			16465.73	0.0006	P	8.4

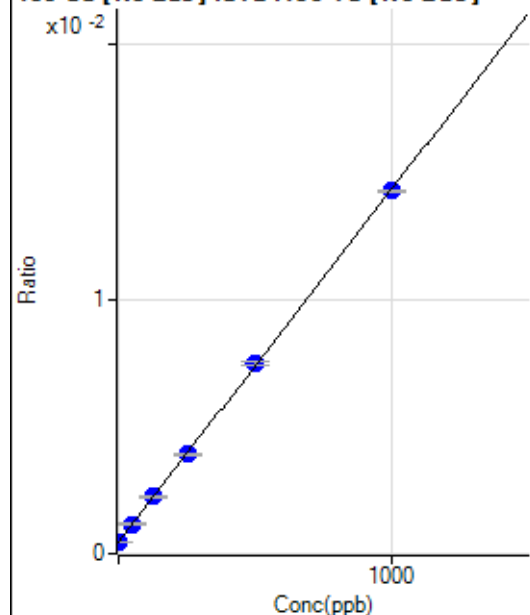
$$y = 3.2533E-004 * x + 1.8371E-005$$

$$R = 1.0000$$

$$DL = 0.01591$$

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	10359.73	0.0005	P	5.1
2	☐	1.000	1.628	10601.58	0.0005	P	2.5
3	☐	50.000	50.876	26139.36	0.0012	P	1.6
4	☐	125.000	128.426	49857.78	0.0022	P	1.9
5	☐	250.000	248.407	89983.17	0.0039	P	1.0
6	☐	500.000	508.051	170179.99	0.0075	P	2.2
7	☐	1000.000	995.900	319369.74	0.0142	P	0.6
8	☐			9442.37	0.0004	P	3.3

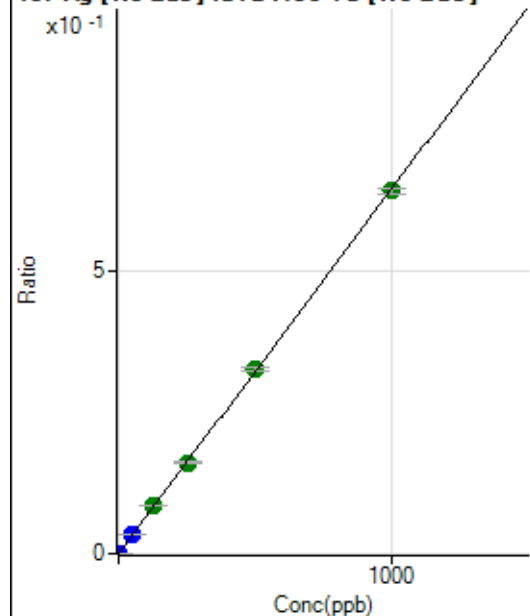
$$y = 1.3841E-005 * x + 4.5944E-004$$

$$R = 0.9999$$

$$DL = 5.031$$

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	111.11	0.0000	P	12.5
2	☐	1.000	0.958	13690.48	0.0006	P	6.2
3	☐	50.000	52.100	754572.47	0.0336	P	1.2
4	☐	125.000	131.822	1894033.88	0.0850	A	2.5
5	☐	250.000	250.283	3724879.64	0.1613	A	0.7
6	☐	500.000	507.342	7429868.05	0.3271	A	1.7
7	☐	1000.000	995.301	14386615.25	0.6416	A	1.4
8	☐			4481.43	0.0002	P	10.3

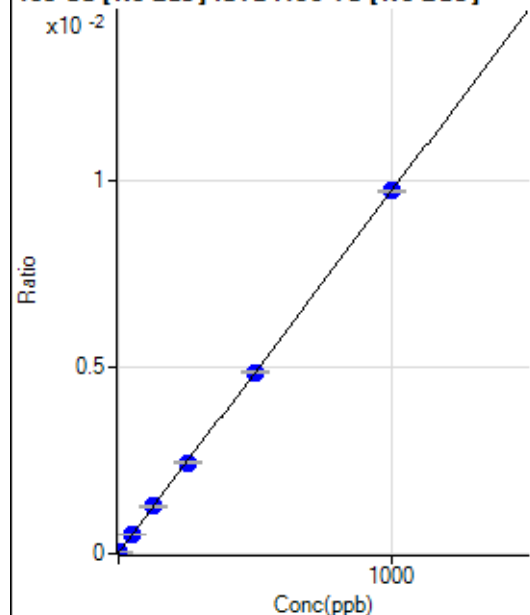
$$y = 6.4463E-004 * x + 4.9305E-006$$

$$R = 0.9999$$

$$DL = 0.002877$$

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	477.79	0.0000	P	3.8
2	☐	1.000	0.908	659.75	0.0000	P	8.4
3	☐	50.000	51.780	11762.09	0.0005	P	0.5
4	☐	125.000	128.191	28195.63	0.0013	P	1.2
5	☐	250.000	249.996	56481.99	0.0024	P	1.3
6	☐	500.000	498.172	110280.40	0.0049	P	1.0
7	☐	1000.000	1000.427	218106.06	0.0097	P	0.8
8	☐			336.12	0.0000	P	7.1

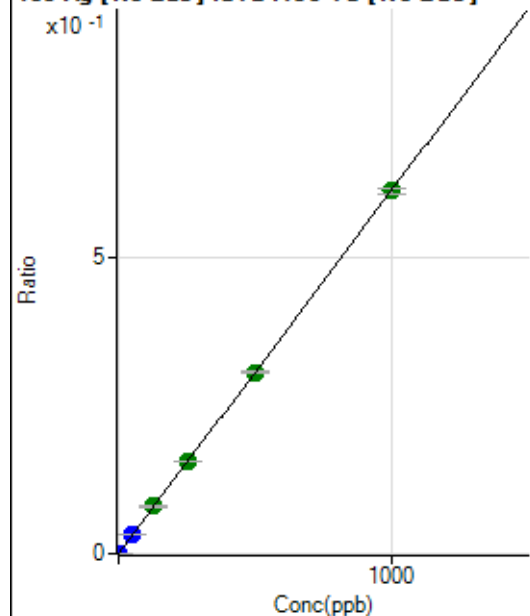
$$y = 9.7020\text{E-}006 * x + 2.1184\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.25$$

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	44.44	0.0000	P	29.4
2	☐	1.000	0.983	13276.15	0.0006	P	1.9
3	☐	50.000	52.086	716344.66	0.0319	P	1.5
4	☐	125.000	130.181	1776224.50	0.0797	A	2.6
5	☐	250.000	254.722	3600213.23	0.1559	A	1.0
6	☐	500.000	498.243	6929124.42	0.3050	A	1.0
7	☐	1000.000	998.946	13712070.96	0.6115	A	1.4
8	☐			4192.43	0.0002	P	4.5

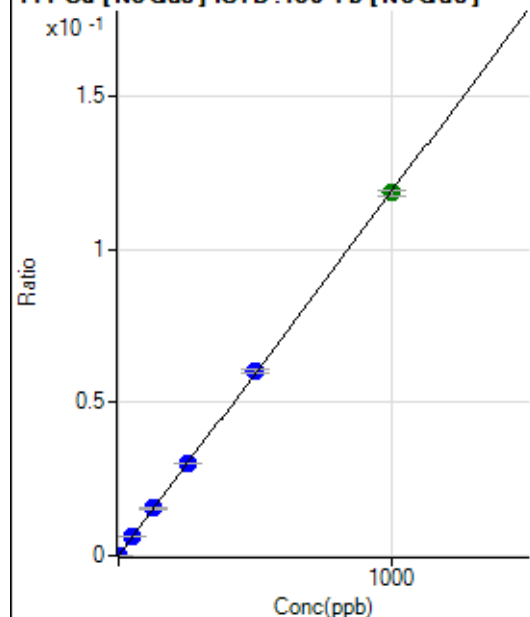
$$y = 6.1218\text{E-}004 * x + 1.9738\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002847$$

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	964.02	0.0000	P	9.2
2	☐	1.000	1.104	3830.70	0.0002	P	2.1
3	☐	50.000	52.445	141192.54	0.0063	P	1.7
4	☐	125.000	129.644	344912.93	0.0155	P	1.4
5	☐	250.000	252.178	694001.25	0.0301	P	0.4
6	☐	500.000	504.853	1366153.99	0.0601	P	1.9
7	☐	1000.000	996.326	2660129.87	0.1186	A	1.2
8	☐			1533.98	0.0001	P	4.2

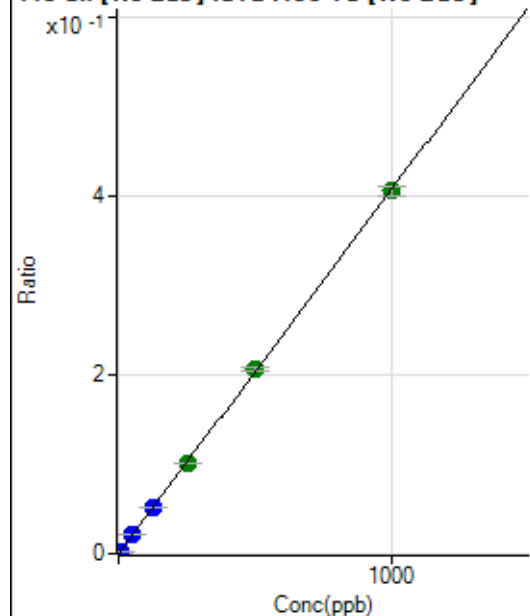
$$y = 1.1903E-004 * x + 4.2763E-005$$

$$R = 1.0000$$

$$DL = 0.09868$$

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	1611.25	0.0001	P	8.6
2	☐	5.000	4.962	45950.27	0.0021	P	3.8
3	☐	50.000	50.519	463143.81	0.0206	P	1.4
4	☐	125.000	127.871	1160808.77	0.0521	P	0.4
5	☐	250.000	248.377	2333635.23	0.1011	A	0.8
6	☐	500.000	507.518	4690602.01	0.2065	A	1.8
7	☐	1000.000	996.262	9086760.27	0.4052	A	2.3
8	☐			5203.90	0.0002	P	3.8

$$y = 4.0670E-004 * x + 7.1442E-005$$

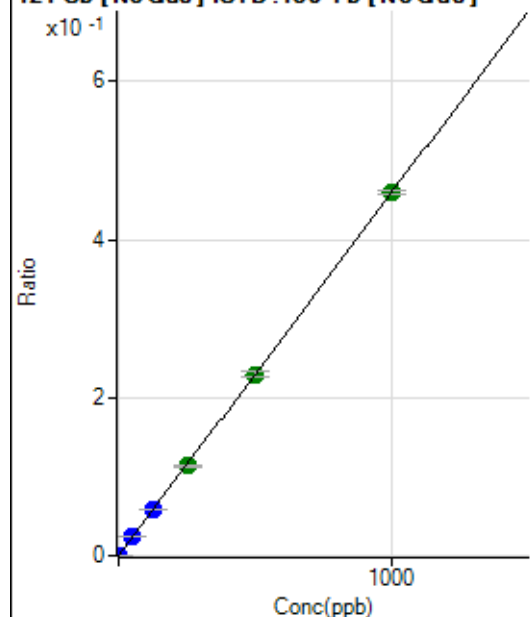
$$R = 1.0000$$

$$DL = 0.04557$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.14	0.0000	P	12.6
2	☐	2.000	1.948	20187.62	0.0009	P	2.0
3	☐	50.000	50.533	521652.16	0.0232	P	0.6
4	☐	125.000	127.155	1301546.82	0.0584	P	0.8
5	☐	250.000	248.683	2635679.42	0.1142	A	2.3
6	☐	500.000	500.667	5221510.10	0.2299	A	2.5
7	☐	1000.000	999.700	10290201.18	0.4589	A	1.1
8	☐			9356.21	0.0004	P	3.3

$$y = 4.5904\text{E-}004 * x + 2.3793\text{E-}005$$

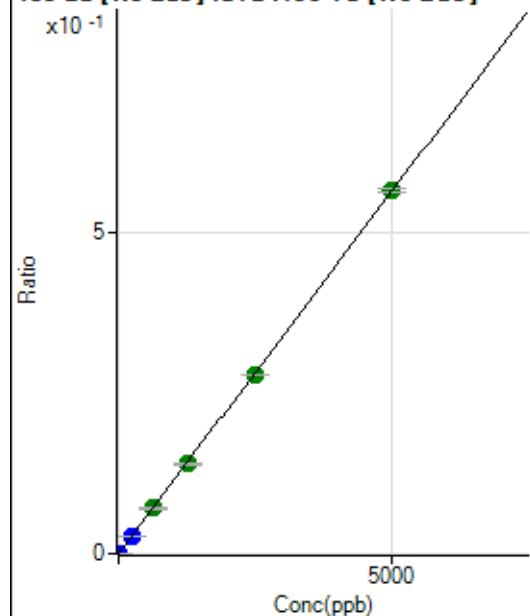
$$R = 1.0000$$

$$DL = 0.01961$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	2.3
2	☐	10.000	10.134	25315.98	0.0012	P	4.2
3	☐	250.000	250.270	634066.32	0.0282	P	0.8
4	☐	625.000	625.917	1572923.97	0.0706	A	2.4
5	☐	1250.000	1238.151	3222292.04	0.1396	A	2.5
6	☐	2500.000	2479.538	6350646.28	0.2795	A	0.1
7	☐	5000.000	5013.065	12672114.52	0.5652	A	1.0
8	☐			56689.04	0.0026	P	1.1

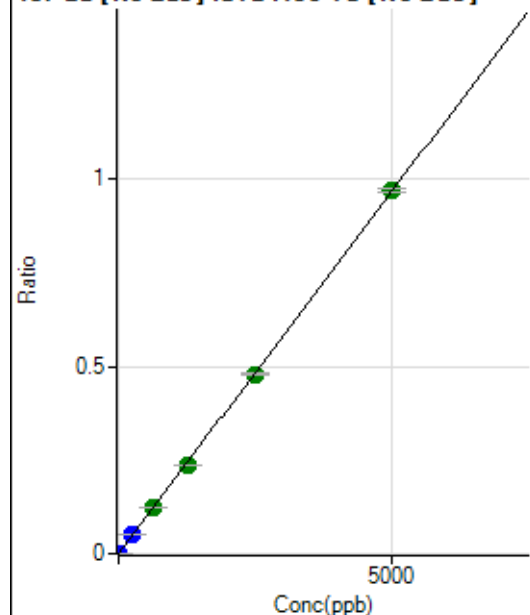
$$y = 1.1274\text{E-}004 * x + 8.7438\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.005297$$

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	338.90	0.0000	P	6.1
2	☐	10.000	10.018	42910.45	0.0020	P	0.8
3	☐	250.000	256.744	1114781.98	0.0496	P	1.2
4	☐	625.000	631.911	2721806.92	0.1221	A	1.8
5	☐	1250.000	1222.138	5451655.03	0.2362	A	2.0
6	☐	2500.000	2479.400	10884358.75	0.4791	A	1.2
7	☐	5000.000	5016.064	21732307.78	0.9693	A	1.1
8	☐			97151.00	0.0045	P	1.9

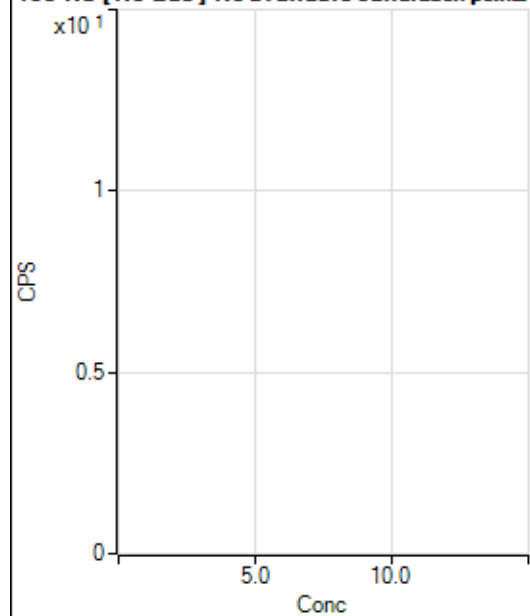
$$y = 1.9323E-004 * x + 1.5024E-005$$

$$R = 1.0000$$

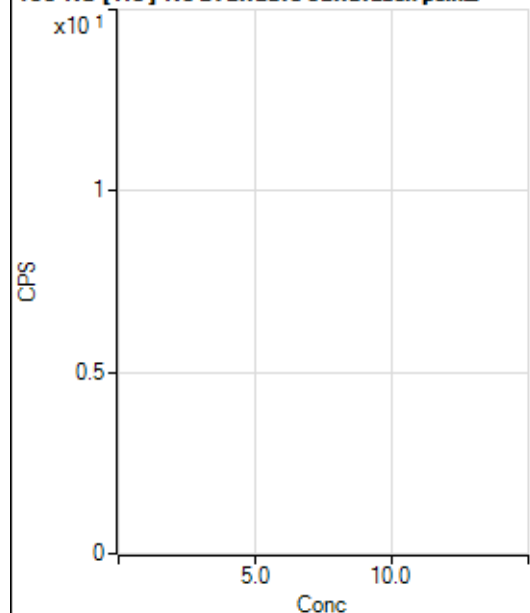
$$DL = 0.01418$$

Weight: <None>

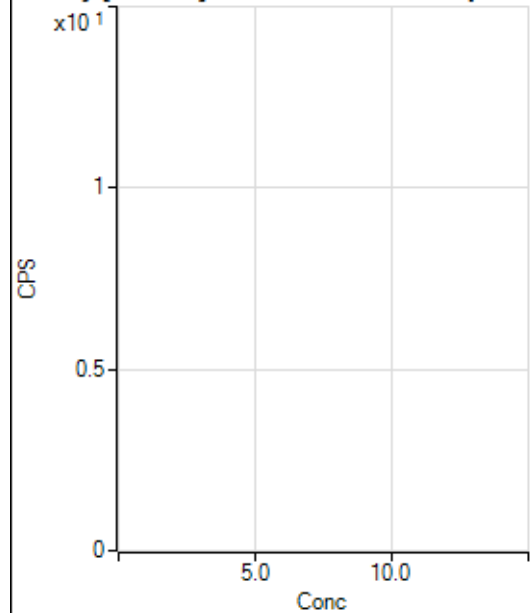
Min Conc: 0

150 Nd [No Gas] No available calibration points

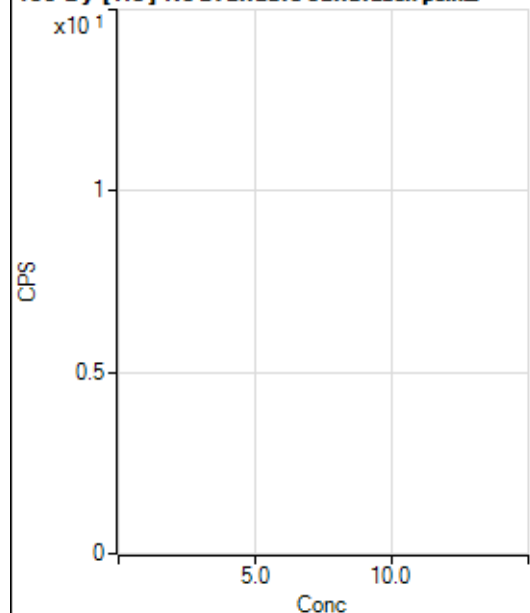
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	173.2
2	☐			6.67		P	100.0
3	☐			51.11		P	39.9
4	☐			93.34		P	18.9
5	☐			160.00		P	23.2
6	☐			280.01		P	4.1
7	☐			562.25		P	13.7
8	☐			71.11		P	19.5

150 Nd [He] No available calibration points

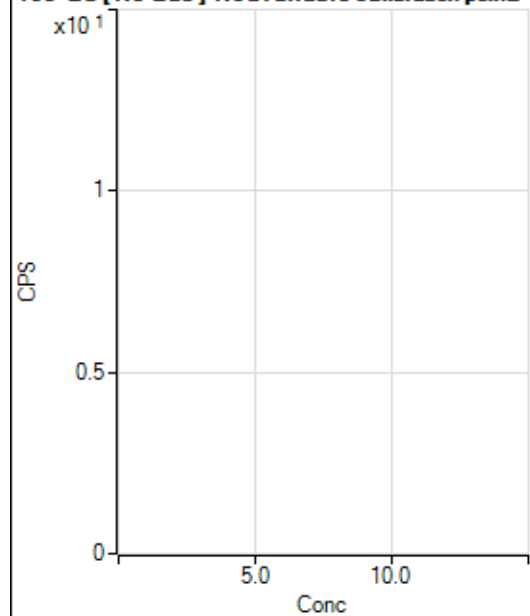
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			5.55		P	69.3
4	☐			11.11		P	17.3
5	☐			14.44		P	35.3
6	☐			26.67		P	45.1
7	☐			48.89		P	3.9
8	☐			13.33		P	43.3

156 Dy [No Gas] No available calibration points

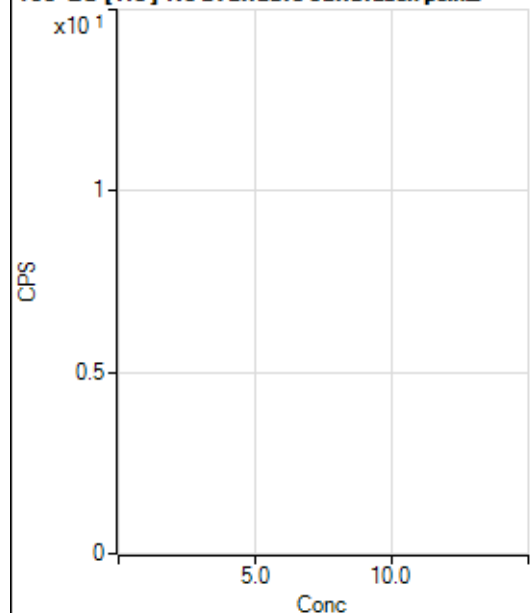
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			16.67		P	50.0
3	☐			52.78		P	24.1
4	☐			147.23		P	31.2
5	☐			200.01		P	25.0
6	☐			341.68		P	25.8
7	☐			686.15		P	6.1
8	☐			1702.94		P	9.3

156 Dy [He] No available calibration points

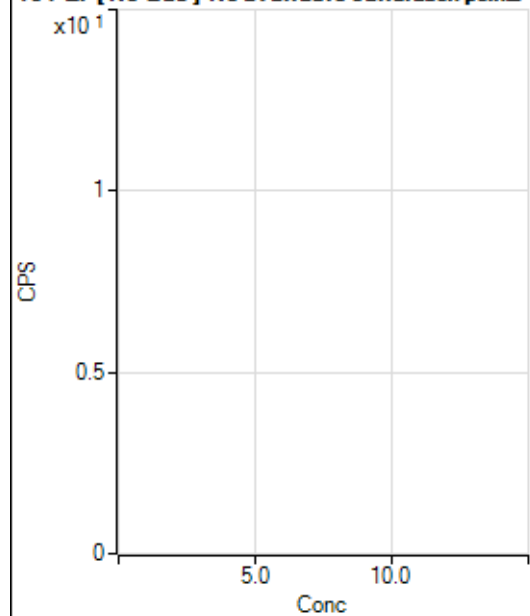
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			10.00		P	57.7
3	☐			26.67		P	12.5
4	☐			40.00		P	8.3
5	☐			90.00		P	9.8
6	☐			154.45		P	14.4
7	☐			286.67		P	3.1
8	☐			908.93		P	9.8

160 Gd [No Gas] Noavailable calibration poin...

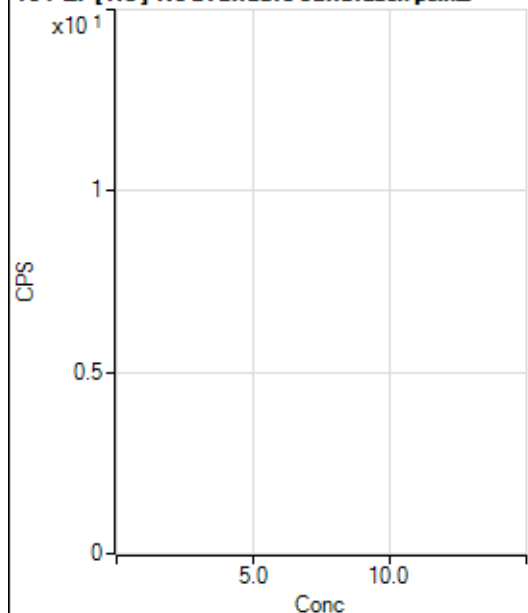
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			272.23		P	1.8
2	☐			238.90		P	27.1
3	☐			263.90		P	13.1
4	☐			336.12		P	3.8
5	☐			450.02		P	20.6
6	☐			611.14		P	2.8
7	☐			891.72		P	14.1
8	☐			2230.80		P	9.6

160 Gd [He] No available calibration points

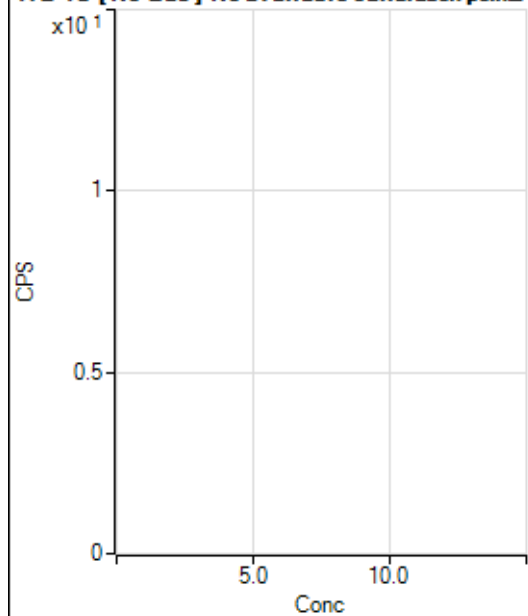
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	21.1
2	☐			105.55		P	10.2
3	☐			124.45		P	5.6
4	☐			98.89		P	1.9
5	☐			151.12		P	8.9
6	☐			263.34		P	1.3
7	☐			425.57		P	11.8
8	☐			1093.39		P	10.4

164 Er [No Gas] No available calibration points

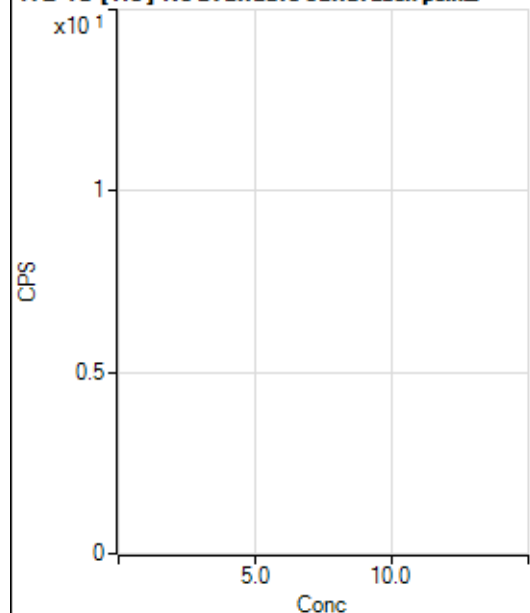
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			136.12		P	27.6
2	☐			172.23		P	2.8
3	☐			136.11		P	24.7
4	☐			133.34		P	21.7
5	☐			202.79		P	20.3
6	☐			216.68		P	17.6
7	☐			294.46		P	7.1
8	☐			372.24		P	3.4

164 Er [He] No available calibration points

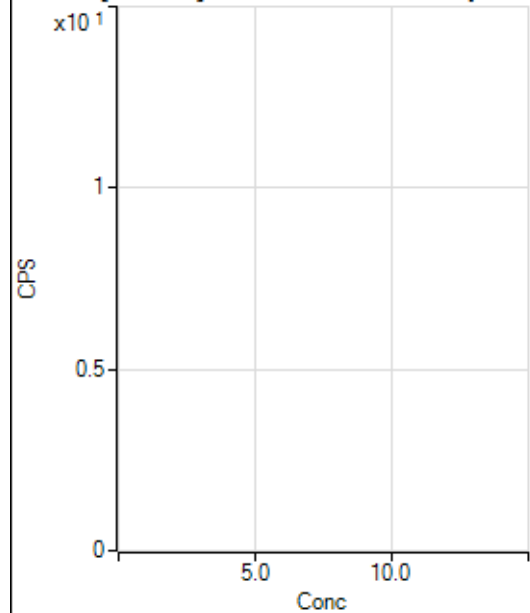
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	5.0
2	☐			64.44		P	34.4
3	☐			73.33		P	12.0
4	☐			62.22		P	16.4
5	☐			73.33		P	16.4
6	☐			87.78		P	14.4
7	☐			113.33		P	12.8
8	☐			162.22		P	8.3

172 Yb [No Gas] No available calibration points

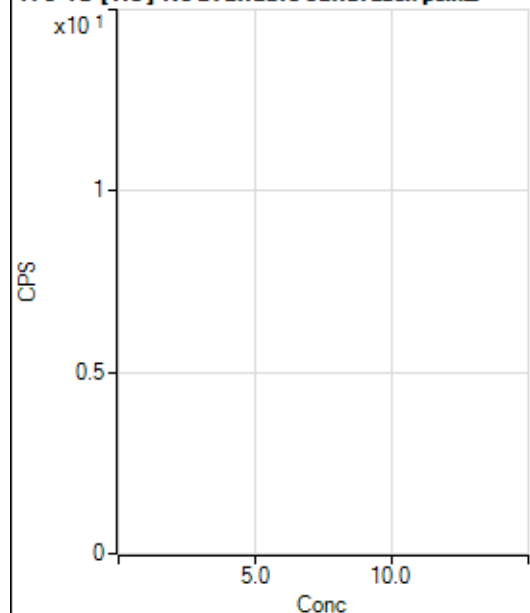
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			177.79		P	22.2
2	☐			155.56		P	6.2
3	☐			122.22		P	17.2
4	☐			144.45		P	8.8
5	☐			138.89		P	15.1
6	☐			144.45		P	13.3
7	☐			133.34		P	6.3
8	☐			152.78		P	11.4

172 Yb [He] No available calibration points

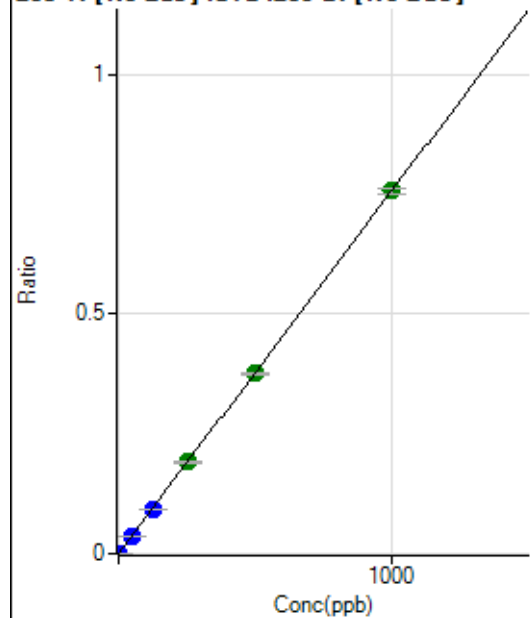
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			87.04		P	14.7
2	☐			48.15		P	40.5
3	☐			62.97		P	28.4
4	☐			62.97		P	35.7
5	☐			72.22		P	20.4
6	☐			68.52		P	40.0
7	☐			59.26		P	30.1
8	☐			64.82		P	27.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3500.56		P	3.4
2	☐			3417.21		P	0.6
3	☐			3289.39		P	6.6
4	☐			3489.46		P	3.5
5	☐			3097.66		P	4.7
6	☐			3350.52		P	5.9
7	☐			3142.13		P	4.8
8	☐			3269.94		P	8.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6253.44		P	4.0
2	☐			4693.53		P	11.0
3	☐			3941.40		P	7.9
4	☐			3185.63		P	4.4
5	☐			3181.93		P	7.2
6	☐			3167.10		P	5.2
7	☐			2909.63		P	8.5
8	☐			3067.09		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	541.69	0.0000	P	5.6
2	☐	1.000	0.947	10179.24	0.0008	P	4.3
3	☐	50.000	49.001	506965.10	0.0371	P	2.3
4	☐	125.000	120.820	1252593.33	0.0915	P	2.2
5	☐	250.000	252.925	2590622.56	0.1914	A	2.6
6	☐	500.000	497.561	5027182.75	0.3766	A	0.7
7	☐	1000.000	1001.061	9780184.51	0.7576	A	1.7
8	☐			2405.84	0.0002	P	2.2

$$y = 7.5673E-004 * x + 4.0461E-005$$

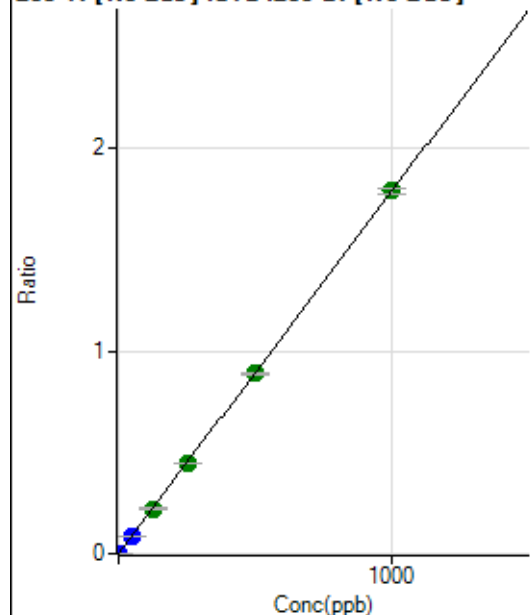
$$R = 1.0000$$

$$DL = 0.009038$$

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	1219.54	0.0001	P	18.6
2	☐	1.000	0.963	24353.86	0.0018	P	0.2
3	☐	50.000	49.369	1204892.50	0.0882	P	2.6
4	☐	125.000	124.177	3037021.68	0.2218	A	2.5
5	☐	250.000	249.389	6027192.93	0.4453	A	1.3
6	☐	500.000	497.127	11848744.54	0.8876	A	1.4
7	☐	1000.000	1001.723	23089448.95	1.7884	A	1.4
8	☐			5879.30	0.0005	P	12.6

$$y = 0.0018 * x + 9.1092E-005$$

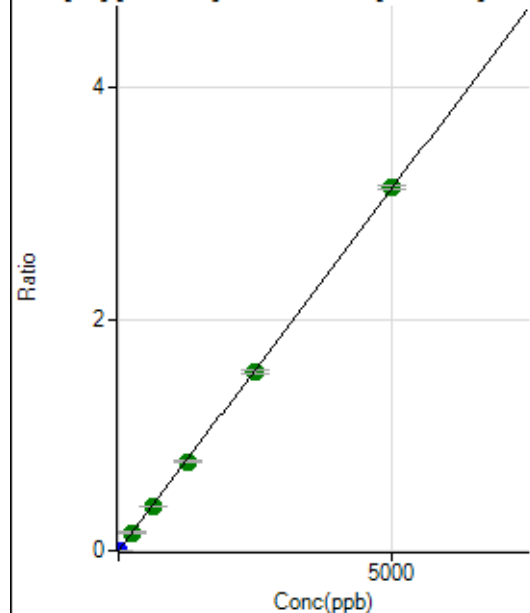
$$R = 1.0000$$

$$DL = 0.02844$$

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	1038.95	0.0001	P	7.6
2	☐	1.000	0.919	8773.48	0.0007	P	2.2
3	☐	250.000	249.223	2127532.67	0.1558	A	2.8
4	☐	625.000	619.362	5301150.24	0.3871	A	1.5
5	☐	1250.000	1228.101	10385131.71	0.7674	A	2.4
6	☐	2500.000	2478.979	20678212.50	1.5490	A	1.9
7	☐	5000.000	5016.729	40470137.94	3.1346	A	1.1
8	☐			19681.83	0.0017	P	3.2

$$y = 6.2482E-004 * x + 7.7618E-005$$

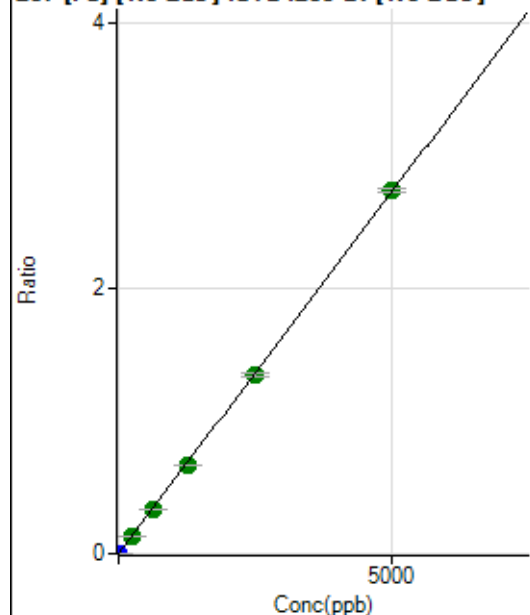
$$R = 1.0000$$

$$DL = 0.02836$$

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	835.23	0.0001	P	1.0
2	☐	1.000	0.945	7767.29	0.0006	P	0.7
3	☐	250.000	248.613	1850117.02	0.1355	A	2.0
4	☐	625.000	615.023	4587917.58	0.3350	A	0.7
5	☐	1250.000	1228.937	9059158.02	0.6693	A	0.7
6	☐	2500.000	2476.159	18001154.22	1.3485	A	1.6
7	☐	5000.000	5018.503	35294276.02	2.7330	A	1.1
8	☐			17241.35	0.0015	P	5.1

$$y = 5.4458\text{E-}004 * x + 6.2380\text{E-}005$$

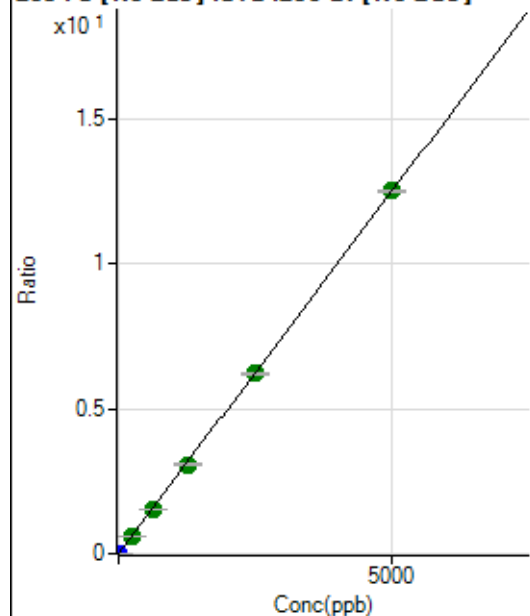
$$R = 1.0000$$

$$DL = 0.003331$$

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	4028.10	0.0003	P	2.8
2	☐	1.000	0.937	35512.39	0.0026	P	0.9
3	☐	250.000	248.766	8480585.06	0.6209	A	1.7
4	☐	625.000	615.349	21028234.73	1.5354	A	0.9
5	☐	1250.000	1230.205	41540153.42	3.0693	A	1.2
6	☐	2500.000	2489.510	82913283.91	6.2108	A	1.0
7	☐	5000.000	5011.462	161443860.3	12.5023	A	0.5
8	☐			78917.24	0.0067	P	3.2

$$y = 0.0025 * x + 3.0082\text{E-}004$$

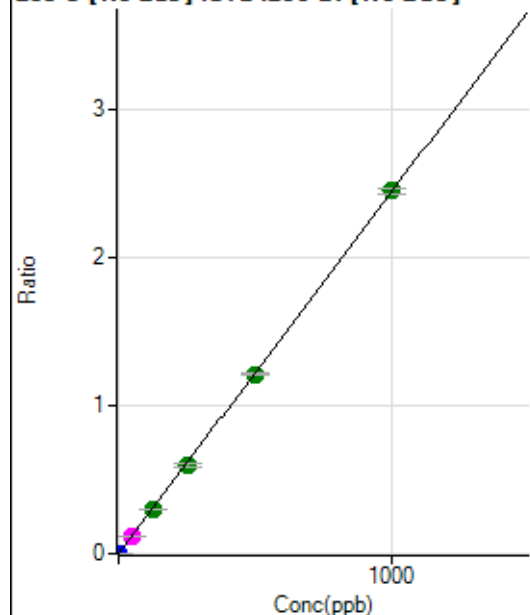
$$R = 1.0000$$

$$DL = 0.01002$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	686.15	0.0001	P	18.7
2	☐	1.000	0.909	30529.01	0.0023	P	2.7
3	☐	50.000	48.085	1602851.71	0.1174	M	2.7
4	☐	125.000	121.298	4053681.43	0.2960	A	2.0
5	☐	250.000	244.998	8089516.15	0.5978	A	3.1
6	☐	500.000	496.944	16186914.25	1.2125	A	1.0
7	☐	1000.000	1003.337	31603246.54	2.4481	A	1.9
8	☐			4248.05	0.0004	P	9.8

$$y = 0.0024 * x + 5.1294E-005$$

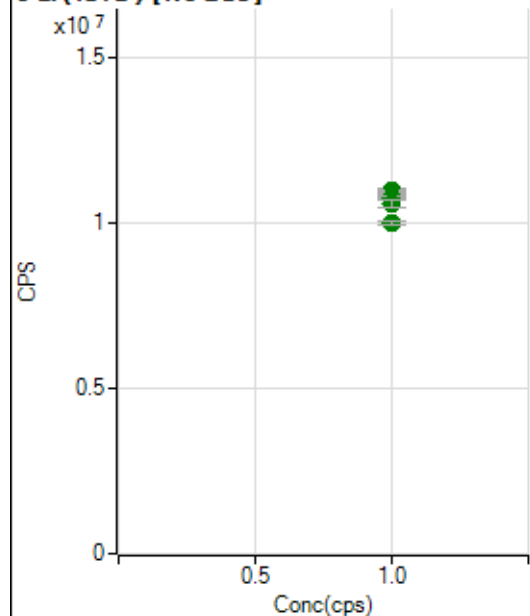
$$R = 1.0000$$

$$DL = 0.0118$$

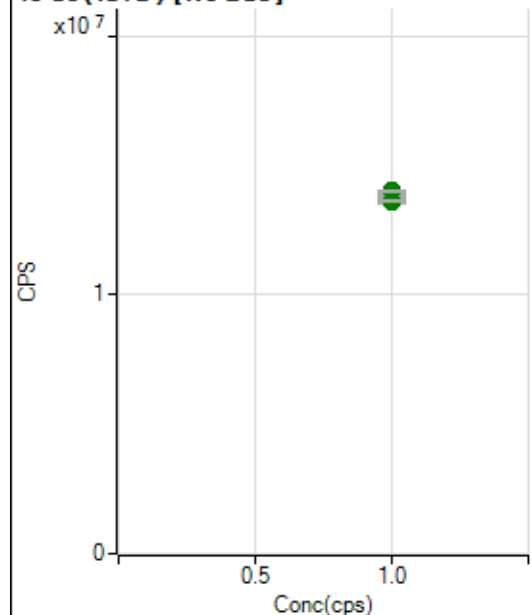
Weight: <None>

Min Conc: 0

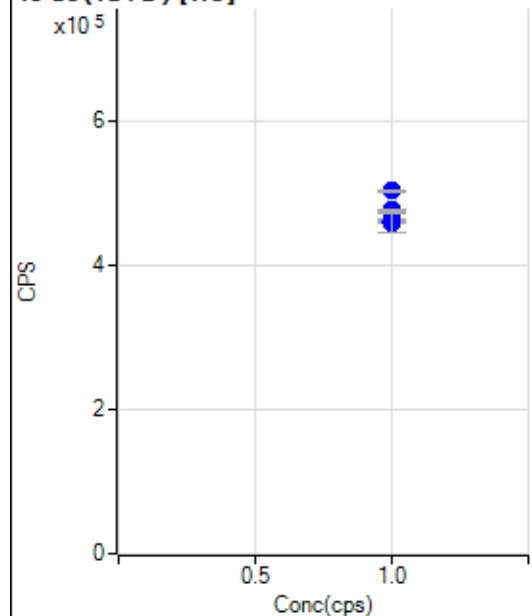
6 Li (ISTD) [No Gas]



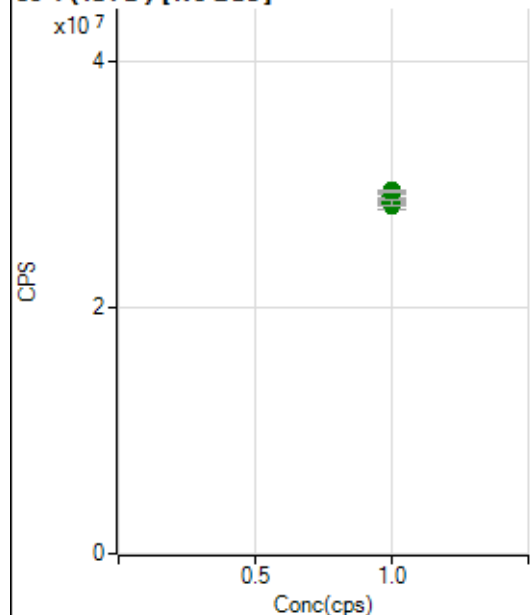
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10980432.38		A	0.9
2	☐	1.000		10909406.84		A	0.9
3	☐	1.000		10946192.90		A	0.6
4	☐	1.000		10812779.34		A	2.2
5	☐	1.000		10852708.60		A	1.8
6	☐	1.000		10747857.07		A	1.2
7	☐	1.000		10592872.49		A	2.0
8	☐	1.000		10028781.83		A	1.3

45 Sc (ISTD) [No Gas]

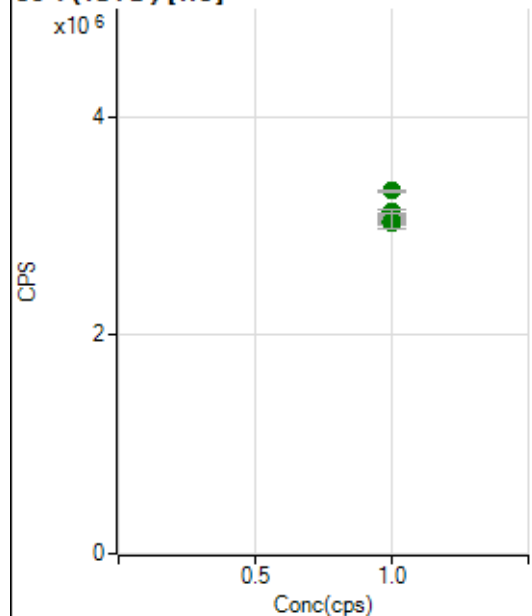
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13790904.52		A	1.6
2	☐	1.000		13698453.27		A	0.8
3	☐	1.000		13742171.19		A	2.2
4	☐	1.000		13627811.88		A	1.8
5	☐	1.000		13877728.13		A	0.3
6	☐	1.000		13801734.79		A	0.5
7	☐	1.000		14023197.71		A	0.8
8	☐	1.000		13631269.10		A	0.5

45 Sc (ISTD) [He]

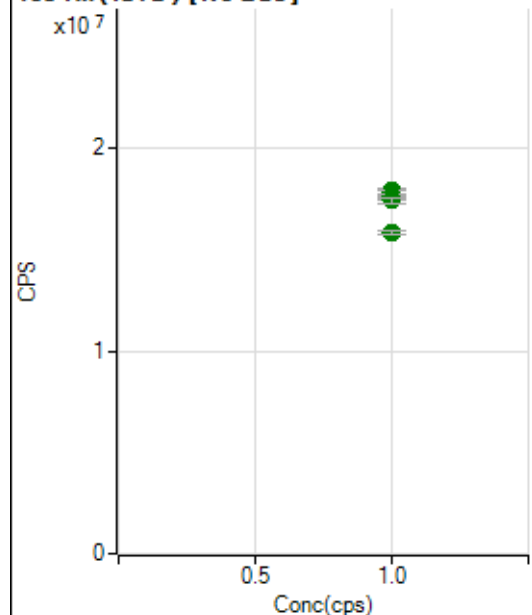
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		459860.00		P	0.5
2	☐	1.000		462880.51		P	0.6
3	☐	1.000		462776.11		P	0.6
4	☐	1.000		462129.05		P	1.1
5	☐	1.000		472234.51		P	0.2
6	☐	1.000		477677.58		P	0.4
7	☐	1.000		459353.74		P	6.0
8	☐	1.000		504063.41		P	0.6

89 Y (ISTD) [No Gas]

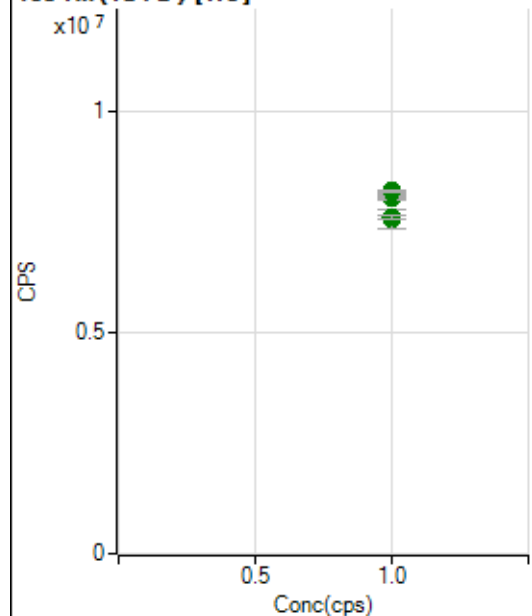
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28439494.57		A	0.7
2	☐	1.000		28213379.58		A	1.6
3	☐	1.000		28603642.63		A	1.4
4	☐	1.000		28888881.51		A	0.4
5	☐	1.000		29078286.23		A	0.9
6	☐	1.000		29021177.63		A	1.0
7	☐	1.000		29466889.00		A	0.8
8	☐	1.000		28438086.24		A	1.7

89 Y (ISTD) [He]

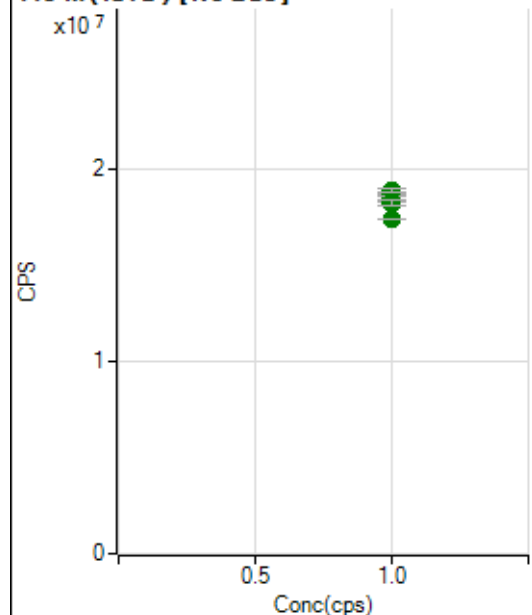
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3046939.40		A	1.4
2	☐	1.000		3032751.07		A	1.3
3	☐	1.000		3073246.17		A	0.6
4	☐	1.000		3129011.45		A	1.0
5	☐	1.000		3094825.37		A	0.6
6	☐	1.000		3130204.47		A	1.7
7	☐	1.000		3038681.27		A	4.8
8	☐	1.000		3319801.03		A	0.5

103 Rh (ISTD) [No Gas]

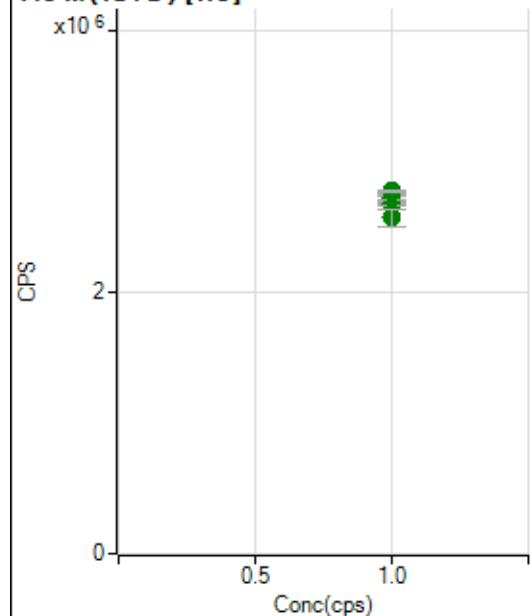
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17639087.37		A	1.6
2	☐	1.000		17584790.50		A	0.6
3	☐	1.000		17896838.60		A	1.5
4	☐	1.000		17813262.73		A	1.1
5	☐	1.000		17742717.41		A	1.9
6	☐	1.000		17614560.29		A	1.2
7	☐	1.000		17410609.42		A	1.5
8	☐	1.000		15856146.19		A	1.0

103 Rh (ISTD) [He]

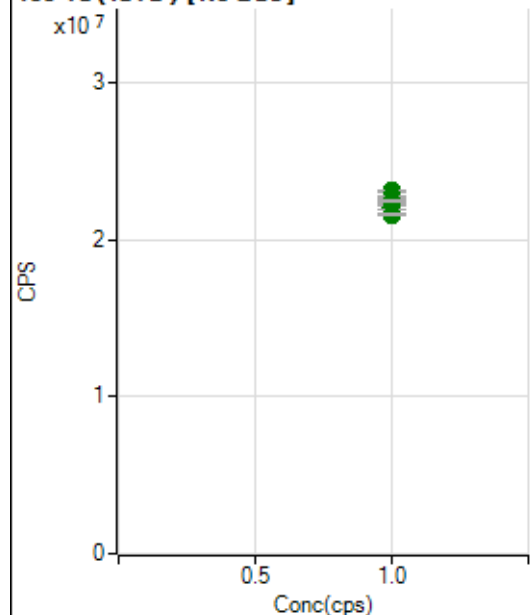
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8117147.52		A	1.7
2	☐	1.000		8075164.11		A	1.0
3	☐	1.000		8148961.82		A	0.8
4	☐	1.000		8025467.87		A	0.7
5	☐	1.000		8140583.70		A	1.5
6	☐	1.000		8189410.78		A	0.6
7	☐	1.000		7544543.15		A	6.0
8	☐	1.000		7592991.00		A	1.3

115 In (ISTD) [No Gas]

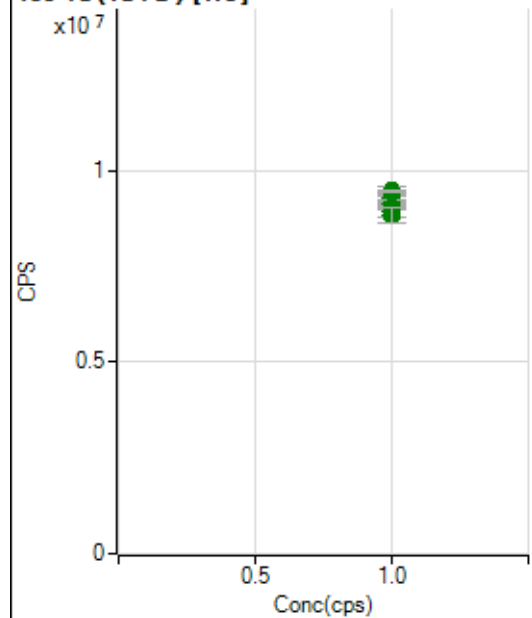
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18186564.42		A	1.6
2	☐	1.000		18205092.51		A	1.1
3	☐	1.000		18201070.62		A	1.0
4	☐	1.000		18510229.03		A	1.6
5	☐	1.000		18713321.72		A	1.1
6	☐	1.000		18841390.50		A	1.1
7	☐	1.000		18230326.32		A	1.5
8	☐	1.000		17356844.93		A	0.1

115 In (ISTD) [He]

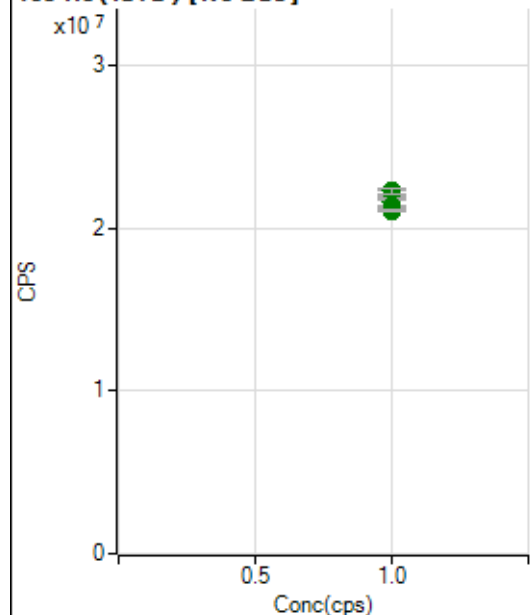
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2708522.88		A	2.4
2	☐	1.000		2679799.32		A	1.2
3	☐	1.000		2695430.09		A	0.5
4	☐	1.000		2679852.15		A	1.8
5	☐	1.000		2712090.64		A	1.1
6	☐	1.000		2760226.69		A	0.8
7	☐	1.000		2566897.52		A	5.1
8	☐	1.000		2772635.17		A	0.4

159 Tb (ISTD) [No Gas]

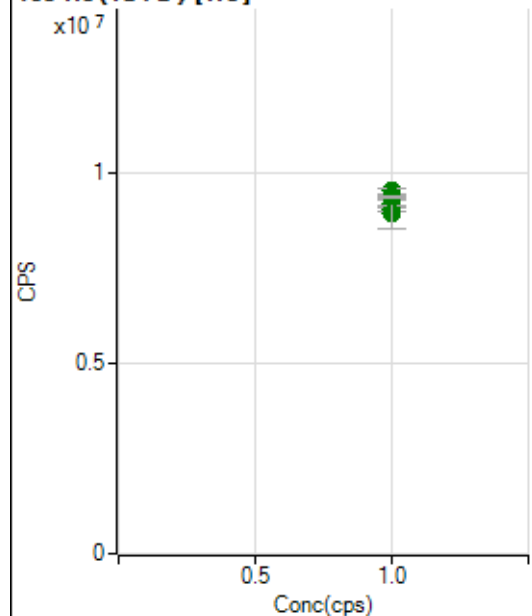
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22557096.61		A	1.3
2	☐	1.000		21997916.20		A	1.1
3	☐	1.000		22466234.94		A	1.1
4	☐	1.000		22290162.72		A	0.7
5	☐	1.000		23086498.27		A	0.8
6	☐	1.000		22718010.77		A	0.4
7	☐	1.000		22422016.06		A	0.4
8	☐	1.000		21567191.07		A	0.8

159 Tb (ISTD) [He]

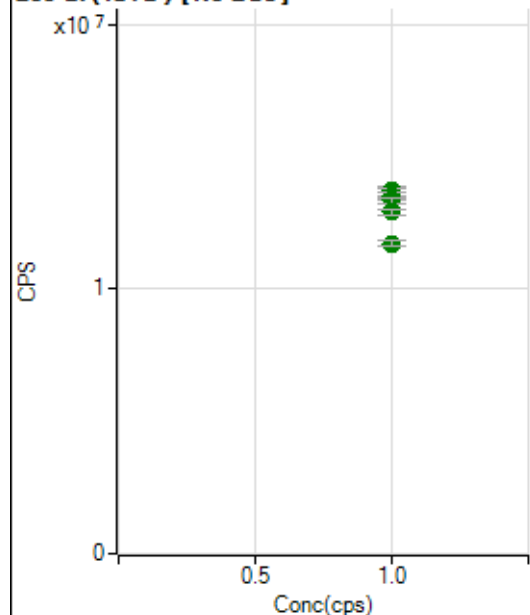
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9037229.66		A	0.7
2	☐	1.000		8919295.35		A	2.9
3	☐	1.000		9175146.32		A	0.9
4	☐	1.000		9120777.78		A	1.8
5	☐	1.000		9293603.75		A	1.7
6	☐	1.000		9468327.64		A	2.4
7	☐	1.000		8821768.96		A	4.7
8	☐	1.000		9450425.76		A	0.6

165 Ho (ISTD) [No Gas]

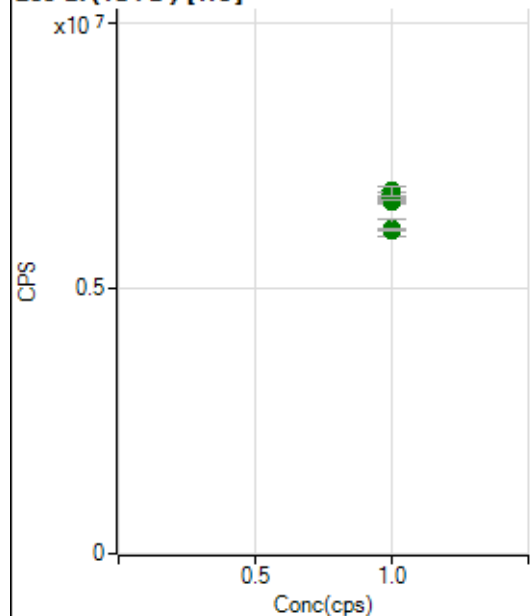
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21012466.44		A	0.5
2	☐	1.000		21205571.65		A	0.8
3	☐	1.000		21191204.12		A	0.6
4	☐	1.000		21561395.45		A	1.3
5	☐	1.000		21809318.54		A	1.4
6	☐	1.000		22099254.31		A	2.3
7	☐	1.000		22269961.26		A	1.7
8	☐	1.000		21071088.84		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9090623.68		A	0.6
2	☐	1.000		9032567.37		A	1.5
3	☐	1.000		9285258.89		A	0.2
4	☐	1.000		9200203.33		A	1.2
5	☐	1.000		9303662.85		A	0.7
6	☐	1.000		9513389.51		A	1.9
7	☐	1.000		8922033.20		A	8.5
8	☐	1.000		9363042.98		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13388683.69		A	0.8
2	☐	1.000		13456601.05		A	1.2
3	☐	1.000		13662223.41		A	2.5
4	☐	1.000		13696524.24		A	1.2
5	☐	1.000		13536160.63		A	1.8
6	☐	1.000		13351229.66		A	1.7
7	☐	1.000		12912407.59		A	1.8
8	☐	1.000		11701384.41		A	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6748062.05		A	0.2
2	☐	1.000		6614839.41		A	0.3
3	☐	1.000		6770979.90		A	1.5
4	☐	1.000		6675320.46		A	1.2
5	☐	1.000		6694834.90		A	0.9
6	☐	1.000		6836362.54		A	2.3
7	☐	1.000		6132896.02		A	5.1
8	☐	1.000		6100273.59		A	0.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8082321MS.bb
Acq. Date-Time 2021-08-23 08:49:13
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		27946	279463.57			0.977	5.000
24		227036	2270361.11			0.978	5.000
25		31468	314682.94			0.758	5.000
26		36316	363160.84			0.587	5.000
59		43426	434258.41			0.541	5.000
113		19714	197144.41			0.771	5.000
115		60154	601543.11			1.561	5.000
206		25970	259699.61			0.443	5.000
207		21835	218353.15			0.747	5.000
208		54770	547697.57			0.388	5.000
220		0	2.50			40.000	

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

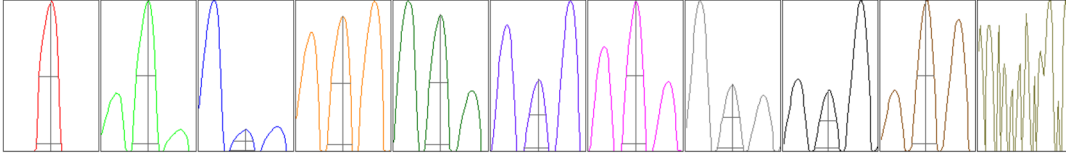
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	28358	28020	27763	27647	27944
24	227121	228832	227206	223333	228689
25	31772	31600	31215	31241	31513
26	36584	36456	36048	36180	36314
59	43614	43616	43278	43086	43535
113	19723	19815	19580	19549	19906
115	61395	60825	59737	59056	59760
206	25863	26161	25904	25973	25948
207	21931	21887	21621	21716	22021
208	54788	55009	54700	54452	54900

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	49227.83	9.00	8.90 - 9.10	
24	399262.97	24.00	23.90 - 24.10	
25	55614.18	25.00	24.90 - 25.10	
26	63386.43	26.00	25.90 - 26.10	
59	80455.66	59.00	58.90 - 59.10	
113	39045.20	113.05	112.90 - 113.10	
115	118054.45	115.05	114.90 - 115.10	
206	49637.23	206.00	205.90 - 206.10	
207	41459.56	206.95	206.90 - 207.10	
208	103145.04	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.780	0.900	
24	0.60	0.825	0.900	
25	0.60	0.786	0.900	
26	0.61	0.787	0.900	
59	0.56	0.777	0.900	
113	0.52	0.769	0.900	
115	0.53	0.767	0.900	
206	0.53	0.821	0.900	
207	0.53	0.784	0.900	
208	0.54	0.789	0.900	
220				

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	10.3 V	Deflect	14.4 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	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		9904	99036.83			0.999	
89		29369	293692.15			0.975	
205		29801	298013.68			1.435	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9803	9923	10054	9827	9912
89	28981	29367	29729	29231	29538
205	29131	30023	30186	29629	30037

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	10.3 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	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 :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.10	0.10	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	-0.03	0.14	0.00	N/A	ppb
Boron	11-1	-0.02	0.01	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	1.78	-1.55	-0.23	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.05	0.10	0.00	N/A	ppb
Calcium	43-1	0.62	-1.08	0.47	0.00	N/A	ppb
Calcium	44-1	0.00	0.15	-0.15	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	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.02	0.26	-0.24	0.00	N/A	ppb
Iron	56-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Iron	57-2	-0.10	-0.27	0.37	0.00	N/A	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.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	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	-0.19	0.31	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-1.87	0.97	-8.30	-3.07		ppb
Potassium	39-2	2.53	-1.66	-0.87	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.36	-0.10	0.46	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	-0.23	0.15	0.00	N/A	ppb
Silicon	28-1	0.55	-0.25	-0.30	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	0.33	-0.41	0.07	0.00	N/A	ppb
Strontium	86-1	-0.02	0.00	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	111.06	48.91	-100.54	19.81	548.98	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-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	-0.01	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	-0.02	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.09	20.47	20.88	21.15	4.01	ppb
Antimony	121-1	1.95	1.91	1.99	1.95	2.07	ppb
Arsenic	75-2	0.87	1.10	0.90	0.96	12.91	ppb
Barium	135-1	10.43	9.64	10.33	10.13	4.25	ppb
Barium	137-1	10.11	9.95	9.99	10.02	0.84	ppb
Beryllium	9-1	1.03	1.01	0.99	1.01	2.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	21.34	22.90	23.82	22.69	5.51	ppb
Boron	11-1	22.66	23.89	25.36	23.97	5.64	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.12	1.07	1.10	2.80	ppb
Cadmium	106-1	2.50	1.65	0.73	1.63	54.32	ppb
Cadmium	108-1	1.05	1.06	0.61	0.91	28.53	ppb
Calcium	43-1	477.67	486.36	486.25	483.43	1.03	ppb
Calcium	44-1	478.05	485.86	481.91	481.94	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.96	1.98	1.98	0.71	ppb
Cobalt	59-2	0.94	0.97	0.94	0.95	1.51	ppb
Copper	63-2	1.98	1.96	1.92	1.95	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	53.71	51.84	55.84	53.79	3.72	ppb
Iron	56-2	54.41	54.18	54.12	54.24	0.28	ppb
Iron	57-2	50.81	53.59	52.68	52.36	2.71	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.94	0.89	0.92	2.51	ppb
Lead	207-1	0.94	0.95	0.95	0.95	0.73	ppb
Lead	208-1	0.93	0.95	0.94	0.94	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	524.46	533.25	529.12	528.94	0.83	ppb
Manganese	55-2	0.93	0.97	0.98	0.96	2.71	ppb
Molybdenum	94-1	4.90	5.17	4.98	5.02	2.68	ppb
Molybdenum	95-1	4.85	4.87	5.13	4.95	3.18	ppb
Molybdenum	96-1	4.93	5.03	4.99	4.98	0.99	ppb
Molybdenum	97-1	4.97	4.82	5.31	5.03	4.94	ppb
Molybdenum	98-1	4.79	4.83	4.99	4.87	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.98	1.09	1.03	5.37	ppb
Phosphorus	31-2	7.70	-2.12	3.63	3.07	160.78	ppb
Potassium	39-2	489.98	495.23	494.55	493.25	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.27	5.19	5.31	5.26	1.18	ppb
Selenium	77-2	9.01	3.59	9.10	7.23	43.58	ppb
Selenium	78-2	4.63	4.53	5.22	4.79	7.84	ppb
Silicon	28-1	12.20	12.75	12.12	12.36	2.74	ppb
Silver	107-1	0.95	0.90	1.02	0.96	6.29	ppb
Silver	109-1	1.00	0.97	0.98	0.98	1.87	ppb
Sodium	23-2	532.22	528.66	531.21	530.70	0.35	ppb
Strontium	86-1	1.14	1.09	1.01	1.08	6.23	ppb
Strontium	88-1	1.09	1.09	1.10	1.09	0.15	ppb
Sulfur	34-1	6.84	22.99	-89.27	-19.81		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.00	0.92	0.92	0.95	4.59	ppb
Thallium	205-1	0.96	0.96	0.96	0.96	0.19	ppb
Tin	118-1	5.11	4.74	5.03	4.96	3.94	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.08	4.90	4.94	4.97	1.98	ppb
Uranium	238-1	0.92	0.93	0.88	0.91	2.74	ppb
Vanadium	51-2	4.71	4.77	4.79	4.76	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.24	2.47	2.14	2.28	7.27	ppb
Zirconium	90-1	0.91	1.01	1.01	0.98	5.67	ppb
Zirconium	91-1	1.02	0.92	0.98	0.97	5.00	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.61	1053.95	1053.24	1047.60	0.99	ppb
Antimony	121-1	50.88	50.42	50.30	50.53	0.61	ppb
Arsenic	75-2	48.40	50.17	49.49	49.35	1.80	ppb
Barium	135-1	250.18	248.20	252.43	250.27	0.85	ppb
Barium	137-1	260.26	254.09	255.89	256.74	1.24	ppb
Beryllium	9-1	51.67	51.62	51.65	51.65	0.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	47.03	48.53	51.54	49.04	4.69	ppb
Boron	11-1	50.32	53.48	55.30	53.03	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	53.49	51.82	52.02	52.45	1.73	ppb
Cadmium	106-1	51.93	49.38	51.32	50.88	2.61	ppb
Cadmium	108-1	51.99	51.89	51.46	51.78	0.54	ppb
Calcium	43-1	5454.53	5277.99	5087.31	5273.28	3.48	ppb
Calcium	44-1	5176.39	5141.74	5126.70	5148.28	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.13	49.23	48.63	49.00	0.66	ppb
Cobalt	59-2	49.45	49.93	49.53	49.64	0.53	ppb
Copper	63-2	519.06	510.64	519.35	516.35	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2766.24	2735.89	2737.56	2746.57	0.62	ppb
Iron	56-2	2724.66	2795.53	2764.31	2761.50	1.29	ppb
Iron	57-2	2654.34	2757.03	2691.32	2700.90	1.93	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	256.82	247.69	243.16	249.22	2.79	ppb
Lead	207-1	251.72	251.13	242.99	248.61	1.96	ppb
Lead	208-1	252.57	249.34	244.38	248.77	1.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	5570.22	5521.88	5501.35	5531.15	0.64	ppb
Manganese	55-2	488.20	490.34	482.37	486.97	0.85	ppb
Molybdenum	94-1	256.86	259.60	257.33	257.93	0.57	ppb
Molybdenum	95-1	256.54	260.02	251.66	256.07	1.64	ppb
Molybdenum	96-1	259.75	262.48	253.52	258.58	1.78	ppb
Molybdenum	97-1	259.24	260.14	259.55	259.64	0.18	ppb
Molybdenum	98-1	262.92	259.73	256.53	259.73	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.91	50.03	50.27	50.07	0.36	ppb
Phosphorus	31-2	1010.33	1022.20	969.81	1000.78	2.75	ppb
Potassium	39-2	2584.42	2622.59	2592.11	2599.71	0.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	55.01	54.34	53.10	54.15	1.79	ppb
Selenium	77-2	53.29	42.78	50.32	48.80	11.11	ppb
Selenium	78-2	49.64	52.40	49.78	50.61	3.06	ppb
Silicon	28-1	77.24	74.72	74.60	75.52	1.97	ppb
Silver	107-1	52.80	51.58	51.91	52.10	1.21	ppb
Silver	109-1	52.62	51.17	52.47	52.09	1.54	ppb
Sodium	23-2	5446.84	5462.25	5365.05	5424.71	0.96	ppb
Strontium	86-1	525.35	519.38	523.85	522.86	0.59	ppb
Strontium	88-1	517.50	511.97	510.53	513.33	0.72	ppb
Sulfur	34-1	1546.31	1043.34	737.59	1109.08	36.82	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	50.27	48.53	48.21	49.00	2.26	ppb
Thallium	205-1	50.84	48.58	48.69	49.37	2.58	ppb
Tin	118-1	51.33	49.97	50.26	50.52	1.42	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	265.19	262.90	254.74	260.94	2.10	ppb
Uranium	238-1	49.57	47.22	47.47	48.08	2.69	ppb
Vanadium	51-2	47.41	48.09	48.45	47.98	1.09	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	520.43	530.49	514.40	521.77	1.56	ppb
Zirconium	90-1	51.78	51.21	49.96	50.98	1.83	ppb
Zirconium	91-1	51.28	50.62	49.03	50.31	2.30	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:38:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2596.44	2591.06	2568.50	2585.33	0.57	ppb
Antimony	121-1	126.69	128.34	126.43	127.16	0.81	ppb
Arsenic	75-2	118.44	119.38	121.76	119.86	1.43	ppb
Barium	135-1	611.17	641.35	625.23	625.92	2.41	ppb
Barium	137-1	628.07	644.39	623.28	631.91	1.75	ppb
Beryllium	9-1	125.55	131.43	127.69	128.22	2.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	114.91	126.56	126.84	122.77	5.55	ppb
Boron	11-1	125.82	137.39	137.14	133.45	4.95	ppb
Bromine	81-1						cps
Cadmium	111-1	128.43	131.66	128.84	129.64	1.36	ppb
Cadmium	106-1	127.50	131.93	125.85	128.43	2.45	ppb
Cadmium	108-1	127.42	127.12	130.04	128.19	1.25	ppb
Calcium	43-1	13219.50	13302.80	12900.62	13140.97	1.62	ppb
Calcium	44-1	12732.42	12774.75	12634.02	12713.73	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.63	120.53	120.70	120.96	0.49	ppb
Cobalt	59-2	124.24	121.48	122.32	122.68	1.15	ppb
Copper	63-2	1294.44	1258.00	1237.49	1263.31	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	6868.82	6731.72	6812.66	6804.40	1.01	ppb
Iron	56-2	6884.98	6657.19	6801.18	6781.12	1.70	ppb
Iron	57-2	6731.95	6651.11	6660.14	6681.06	0.66	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:38:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	628.60	619.64	609.85	619.36	1.51	ppb
Lead	207-1	616.28	618.85	609.94	615.02	0.75	ppb
Lead	208-1	618.06	619.27	608.71	615.35	0.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	13539.30	13713.63	13452.05	13568.33	0.98	ppb
Manganese	55-2	1235.73	1208.27	1203.72	1215.91	1.42	ppb
Molybdenum	94-1	641.95	638.66	624.98	635.20	1.42	ppb
Molybdenum	95-1	627.75	634.69	625.19	629.21	0.78	ppb
Molybdenum	96-1	619.94	641.31	632.25	631.17	1.70	ppb
Molybdenum	97-1	616.47	633.33	635.44	628.41	1.65	ppb
Molybdenum	98-1	621.26	624.71	622.21	622.73	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.06	121.92	120.97	122.32	1.29	ppb
Phosphorus	31-2	2501.91	2370.96	2468.86	2447.24	2.78	ppb
Potassium	39-2	6396.29	6386.04	6401.71	6394.68	0.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	129.78	132.27	132.71	131.58	1.20	ppb
Selenium	77-2	115.84	107.23	128.65	117.24	9.19	ppb
Selenium	78-2	118.16	120.19	126.67	121.67	3.66	ppb
Silicon	28-1	133.81	131.56	130.93	132.10	1.15	ppb
Silver	107-1	130.45	135.65	129.37	131.82	2.55	ppb
Silver	109-1	128.92	133.98	127.64	130.18	2.58	ppb
Sodium	23-2	13859.90	13346.94	13410.68	13539.17	2.06	ppb
Strontium	86-1	1261.17	1268.25	1273.94	1267.79	0.50	ppb
Strontium	88-1	1271.87	1267.37	1262.38	1267.21	0.37	ppb
Sulfur	34-1	3021.81	2876.88	2545.15	2814.61	8.68	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	119.79	123.86	118.81	120.82	2.22	ppb
Thallium	205-1	124.28	127.28	120.97	124.18	2.54	ppb
Tin	118-1	128.35	127.30	127.97	127.87	0.41	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:38:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	652.66	642.99	633.35	643.00	1.50	ppb
Uranium	238-1	119.46	124.06	120.38	121.30	2.01	ppb
Vanadium	51-2	120.68	118.05	118.39	119.04	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1300.60	1267.42	1276.02	1281.34	1.34	ppb
Zirconium	90-1	127.24	126.97	127.67	127.29	0.28	ppb
Zirconium	91-1	125.94	125.45	125.39	125.59	0.24	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:41:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5108.18	5109.93	5112.15	5110.09	0.04	ppb
Antimony	121-1	243.23	254.42	248.40	248.68	2.25	ppb
Arsenic	75-2	248.28	244.79	243.67	245.58	0.98	ppb
Barium	135-1	1210.88	1272.32	1231.26	1238.15	2.53	ppb
Barium	137-1	1200.93	1248.32	1217.16	1222.14	1.97	ppb
Beryllium	9-1	252.71	252.22	263.26	256.06	2.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	234.14	243.07	260.12	245.78	5.37	ppb
Boron	11-1	250.30	261.62	274.29	262.07	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	253.38	251.42	251.74	252.18	0.42	ppb
Cadmium	106-1	247.78	245.85	251.59	248.41	1.18	ppb
Cadmium	108-1	246.41	250.59	252.99	250.00	1.33	ppb
Calcium	43-1	25762.29	25913.70	25973.90	25883.30	0.42	ppb
Calcium	44-1	24728.39	25360.02	25474.26	25187.56	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	240.46	240.06	235.89	238.80	1.06	ppb
Cobalt	59-2	246.95	244.74	244.56	245.42	0.54	ppb
Copper	63-2	2467.43	2455.45	2468.03	2463.64	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	13904.90	13587.58	13698.30	13730.26	1.17	ppb
Iron	56-2	13367.05	13532.61	13422.18	13440.61	0.63	ppb
Iron	57-2	13129.93	13097.48	13299.22	13175.54	0.82	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:41:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1195.90	1252.65	1235.75	1228.10	2.37	ppb
Lead	207-1	1219.88	1237.31	1229.62	1228.94	0.71	ppb
Lead	208-1	1218.59	1247.63	1224.40	1230.20	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	26490.22	26583.29	26872.14	26648.55	0.75	ppb
Manganese	55-2	2433.39	2421.79	2422.11	2425.76	0.27	ppb
Molybdenum	94-1	1264.55	1222.65	1271.31	1252.84	2.10	ppb
Molybdenum	95-1	1251.23	1223.78	1259.70	1244.90	1.51	ppb
Molybdenum	96-1	1275.34	1221.92	1252.99	1250.08	2.15	ppb
Molybdenum	97-1	1281.81	1255.37	1268.15	1268.44	1.04	ppb
Molybdenum	98-1	1251.28	1243.38	1263.70	1252.79	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.04	240.55	240.43	241.01	0.37	ppb
Phosphorus	31-2	4826.18	4568.56	4791.79	4728.84	2.96	ppb
Potassium	39-2	12779.77	12560.33	12757.51	12699.20	0.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	257.38	258.51	263.89	259.93	1.34	ppb
Selenium	77-2	252.78	263.73	250.86	255.79	2.71	ppb
Selenium	78-2	245.46	244.85	244.67	244.99	0.17	ppb
Silicon	28-1	250.37	258.54	270.23	259.71	3.84	ppb
Silver	107-1	249.24	249.39	252.22	250.28	0.67	ppb
Silver	109-1	257.24	252.36	254.56	254.72	0.96	ppb
Sodium	23-2	26034.32	26153.56	26964.71	26384.20	1.92	ppb
Strontium	86-1	2487.44	2478.37	2556.30	2507.37	1.70	ppb
Strontium	88-1	2481.72	2506.34	2553.92	2513.99	1.46	ppb
Sulfur	34-1	5838.83	5570.23	5661.19	5690.08	2.40	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	249.84	260.43	248.50	252.92	2.59	ppb
Thallium	205-1	248.51	253.06	246.60	249.39	1.33	ppb
Tin	118-1	246.05	249.31	249.76	248.38	0.81	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:41:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1268.92	1262.26	1282.52	1271.23	0.81	ppb
Uranium	238-1	241.49	253.63	239.87	245.00	3.07	ppb
Vanadium	51-2	239.61	236.47	237.26	237.78	0.69	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	2624.11	2516.73	2492.73	2544.52	2.75	ppb
Zirconium	90-1	252.95	248.00	253.17	251.37	1.16	ppb
Zirconium	91-1	252.91	249.68	252.65	251.74	0.71	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:44:38	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9965.53	10019.97	10041.94	10009.15	0.39	ppb
Antimony	121-1	488.78	499.91	513.32	500.67	2.45	ppb
Arsenic	75-2	482.25	492.11	478.18	484.18	1.48	ppb
Barium	135-1	2479.95	2477.55	2481.12	2479.54	0.07	ppb
Barium	137-1	2514.29	2467.90	2456.01	2479.40	1.24	ppb
Beryllium	9-1	513.45	499.69	517.71	510.29	1.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	474.48	485.47	499.37	486.44	2.56	ppb
Boron	11-1	485.20	477.89	485.10	482.73	0.87	ppb
Bromine	81-1						cps
Cadmium	111-1	494.78	506.01	513.77	504.85	1.89	ppb
Cadmium	106-1	496.04	508.11	520.01	508.05	2.36	ppb
Cadmium	108-1	497.31	493.73	503.48	498.17	0.99	ppb
Calcium	43-1	52523.36	53290.16	53464.86	53092.80	0.94	ppb
Calcium	44-1	50090.51	50945.68	50314.79	50450.33	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.58	492.27	486.89	487.58	0.90	ppb
Cobalt	59-2	477.92	485.32	486.24	483.16	0.94	ppb
Copper	63-2	4864.55	4912.53	4828.01	4868.36	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	26704.46	27309.55	27090.55	27034.85	1.13	ppb
Iron	56-2	26510.34	27186.44	26307.97	26668.25	1.73	ppb
Iron	57-2	26463.54	27342.89	26710.96	26839.13	1.69	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:44:38	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2463.51	2530.96	2442.47	2478.98	1.86	ppb
Lead	207-1	2437.77	2517.64	2473.07	2476.16	1.62	ppb
Lead	208-1	2464.15	2511.77	2492.61	2489.51	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	52158.44	52143.53	52422.91	52241.62	0.30	ppb
Manganese	55-2	4807.26	4899.73	4711.27	4806.09	1.96	ppb
Molybdenum	94-1	2484.81	2515.68	2498.92	2499.80	0.62	ppb
Molybdenum	95-1	2513.28	2552.16	2564.83	2543.42	1.06	ppb
Molybdenum	96-1	2496.60	2522.65	2537.92	2519.05	0.83	ppb
Molybdenum	97-1	2477.81	2512.09	2479.27	2489.72	0.78	ppb
Molybdenum	98-1	2455.53	2548.46	2571.90	2525.30	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.89	466.95	471.82	469.22	0.52	ppb
Phosphorus	31-2	9855.38	9675.73	9705.12	9745.41	0.99	ppb
Potassium	39-2	24784.14	24767.35	24871.43	24807.64	0.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	508.85	513.48	520.54	514.29	1.14	ppb
Selenium	77-2	496.25	496.47	481.36	491.36	1.76	ppb
Selenium	78-2	480.90	499.10	484.53	488.17	1.97	ppb
Silicon	28-1	496.89	498.99	511.14	502.34	1.53	ppb
Silver	107-1	497.43	510.27	514.32	507.34	1.74	ppb
Silver	109-1	497.28	493.86	503.59	498.24	0.99	ppb
Sodium	23-2	51920.40	52169.70	52201.23	52097.11	0.30	ppb
Strontium	86-1	5026.44	5129.53	5161.09	5105.69	1.38	ppb
Strontium	88-1	5076.31	5153.77	5156.27	5128.78	0.89	ppb
Sulfur	34-1	9537.24	9494.87	9755.61	9595.91	1.46	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	493.67	499.53	499.48	497.56	0.68	ppb
Thallium	205-1	490.95	505.02	495.42	497.13	1.45	ppb
Tin	118-1	499.14	506.46	516.95	507.52	1.76	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:44:38	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2506.05	2493.82	2575.49	2525.12	1.74	ppb
Uranium	238-1	491.57	500.72	498.55	496.94	0.96	ppb
Vanadium	51-2	468.78	475.70	477.83	474.10	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4956.14	5029.33	4925.24	4970.24	1.08	ppb
Zirconium	90-1	495.00	500.77	487.35	494.37	1.36	ppb
Zirconium	91-1	499.67	506.32	507.02	504.34	0.80	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:47:41	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22099.61	22215.06	20198.16	21504.28	5.27	ppb
Antimony	121-1	990.83	1011.57	996.70	999.70	1.07	ppb
Arsenic	75-2	1047.42	1024.60	957.05	1009.69	4.65	ppb
Barium	135-1	4993.49	5071.70	4974.01	5013.06	1.03	ppb
Barium	137-1	5025.99	5065.32	4956.88	5016.06	1.09	ppb
Beryllium	9-1	1007.23	997.19	974.15	992.86	1.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	991.96	992.92	1039.78	1008.22	2.71	ppb
Boron	11-1	1006.94	983.20	1023.16	1004.44	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	998.30	983.08	1007.60	996.33	1.24	ppb
Cadmium	106-1	989.99	1002.91	994.80	995.90	0.66	ppb
Cadmium	108-1	1003.39	990.97	1006.92	1000.43	0.84	ppb
Calcium	43-1	103433.64	103573.92	104562.34	103856.63	0.59	ppb
Calcium	44-1	100218.19	100122.30	99441.96	99927.48	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027.05	1054.79	946.86	1009.56	5.55	ppb
Cobalt	59-2	1062.15	1039.75	927.72	1009.87	7.13	ppb
Copper	63-2	10524.58	10343.02	9349.68	10072.43	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	56987.30	58316.14	52609.51	55970.98	5.33	ppb
Iron	56-2	58778.26	59498.94	52489.17	56922.13	6.77	ppb
Iron	57-2	58386.68	57987.89	51717.81	56030.79	6.68	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:47:41	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5082.37	4975.54	4992.28	5016.73	1.15	ppb
Lead	207-1	4956.43	5047.38	5051.70	5018.50	1.07	ppb
Lead	208-1	4985.23	5035.61	5013.54	5011.46	0.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	113162.29	114571.19	104272.10	110668.53	5.05	ppb
Manganese	55-2	10293.34	10561.63	9506.32	10120.43	5.42	ppb
Molybdenum	94-1	4993.33	4929.41	5070.42	4997.72	1.41	ppb
Molybdenum	95-1	5019.33	4966.52	4950.35	4978.73	0.72	ppb
Molybdenum	96-1	5002.97	4976.58	4988.21	4989.25	0.27	ppb
Molybdenum	97-1	5067.89	4980.05	4950.92	4999.62	1.22	ppb
Molybdenum	98-1	5015.42	4981.24	4962.70	4986.45	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1076.24	1046.87	930.81	1017.97	7.55	ppb
Phosphorus	31-2	20520.74	21264.21	18819.97	20201.64	6.20	ppb
Potassium	39-2	54162.25	55241.83	49198.64	52867.58	6.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	987.24	984.94	995.84	989.34	0.58	ppb
Selenium	77-2	1027.81	1034.07	949.80	1003.89	4.68	ppb
Selenium	78-2	1044.53	1019.17	958.96	1007.55	4.36	ppb
Silicon	28-1	976.39	974.94	1031.32	994.22	3.23	ppb
Silver	107-1	984.38	990.66	1010.87	995.30	1.39	ppb
Silver	109-1	995.59	987.43	1013.82	998.95	1.35	ppb
Sodium	23-2	111239.52	113582.82	103850.63	109557.66	4.64	ppb
Strontium	86-1	9899.28	9942.53	9984.04	9941.95	0.43	ppb
Strontium	88-1	9881.54	9867.63	10038.71	9929.29	0.96	ppb
Sulfur	34-1	19672.49	19942.77	20338.98	19984.74	1.68	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1020.56	992.76	989.87	1001.06	1.69	ppb
Thallium	205-1	1017.01	988.92	999.24	1001.72	1.42	ppb
Tin	118-1	977.68	1022.13	988.98	996.26	2.32	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:47:41	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4998.79	4978.50	4960.71	4979.34	0.38	ppb
Uranium	238-1	1024.61	986.55	998.86	1003.34	1.94	ppb
Vanadium	51-2	1049.67	1047.58	953.31	1016.85	5.41	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	10454.79	10185.07	9356.37	9998.74	5.72	ppb
Zirconium	90-1	1009.95	984.03	1012.43	1002.14	1.57	ppb
Zirconium	91-1	1003.69	983.22	1005.01	997.31	1.23	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100260.93	99329.19	99480.23	99690.12	0.50	ppb
Antimony	121-1	0.87	0.88	0.93	0.89	3.51	ppb
Arsenic	75-2	0.24	0.18	0.22	0.21	14.52	ppb
Barium	135-1	23.54	23.08	23.09	23.24	1.13	ppb
Barium	137-1	22.82	23.70	23.19	23.24	1.91	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	41.72	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	90.21	79.31	69.51	79.68	13.00	ppb
Boron	11-1	95.68	84.69	76.29	85.55	11.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.24	0.26	0.24	10.61	ppb
Cadmium	106-1	-2.74	-1.21	-0.72	-1.56		ppb
Cadmium	108-1	-0.46	-0.69	-0.58	-0.58		ppb
Calcium	43-1	500835.77	494632.00	501101.70	498856.49	0.73	ppb
Calcium	44-1	499866.45	500672.93	499320.48	499953.29	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.96	5.75	5.61	5.77	3.11	ppb
Cobalt	59-2	1.33	1.22	1.25	1.27	4.61	ppb
Copper	63-2	2.82	2.72	2.76	2.77	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				102		%
Iron	54-2	250628.39	246503.72	248441.33	248524.48	0.83	ppb
Iron	56-2	249342.99	247826.05	247988.43	248385.83	0.34	ppb
Iron	57-2	249626.81	245632.16	250431.12	248563.37	1.03	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.59	2.64	2.47	2.57	3.34	ppb
Lead	207-1	2.61	2.72	2.45	2.59	5.28	ppb
Lead	208-1	2.61	2.65	2.49	2.58	3.30	ppb
Lithium	6-1				91		%
Magnesium	24-2	496581.28	494831.70	501169.99	497527.66	0.66	ppb
Manganese	55-2	6.97	6.70	6.67	6.78	2.40	ppb
Molybdenum	94-1	2.17	1.98	1.90	2.01	6.94	ppb
Molybdenum	95-1	1.76	1.99	1.71	1.82	8.01	ppb
Molybdenum	96-1	2.25	2.23	2.04	2.17	5.44	ppb
Molybdenum	97-1	1.82	1.76	1.73	1.77	2.53	ppb
Molybdenum	98-1	1.86	1.76	1.56	1.72	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.24	4.35	4.33	4.31	1.28	ppb
Phosphorus	31-2	3.90	-2.10	12.95	4.92	154.10	ppb
Potassium	39-2	244483.63	250111.80	253698.05	249431.16	1.86	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				110		%
Selenium	82-1	0.58	-0.05	-0.24	0.10	435.12	ppb
Selenium	77-2	0.00	0.46	0.92	0.46	99.99	ppb
Selenium	78-2	0.35	-0.10	0.38	0.21	128.67	ppb
Silicon	28-1	49.97	51.23	51.91	51.04	1.93	ppb
Silver	107-1	0.32	0.28	0.35	0.31	10.55	ppb
Silver	109-1	0.33	0.31	0.30	0.31	4.53	ppb
Sodium	23-2	499722.53	503002.78	490612.57	497779.29	1.29	ppb
Strontium	86-1	3.53	3.36	3.04	3.31	7.57	ppb
Strontium	88-1	3.44	3.27	3.13	3.28	4.69	ppb
Sulfur	34-1	-1459.43	-1318.68	-1264.86	-1347.65		ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.21	0.22	0.22	2.70	ppb
Thallium	205-1	0.27	0.23	0.20	0.23	15.41	ppb
Tin	118-1	0.40	0.44	0.41	0.42	5.43	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.01	1.96	1.79	1.92	6.15	ppb
Uranium	238-1	0.14	0.13	0.11	0.13	11.47	ppb
Vanadium	51-2	0.14	0.17	0.15	0.15	8.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				109		%
Zinc	66-2	19.43	18.78	19.00	19.07	1.72	ppb
Zirconium	90-1	0.50	0.50	0.46	0.49	4.62	ppb
Zirconium	91-1	0.54	0.56	0.55	0.55	2.18	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:33:58	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.63	513.82	508.64	511.37	0.51	ppb
Antimony	121-1	202.04	205.00	205.08	204.04	0.85	ppb
Arsenic	75-2	202.40	197.36	205.15	201.64	1.96	ppb
Barium	135-1	98.00	101.24	99.72	99.65	1.63	ppb
Barium	137-1	101.58	103.47	102.00	102.35	0.97	ppb
Beryllium	9-1	103.42	101.79	105.54	103.58	1.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	0.33	0.54	0.31	0.39	31.88	ppb
Boron	11-1	0.27	0.26	0.26	0.26	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	104.38	108.78	105.04	106.07	2.24	ppb
Cadmium	106-1	80.19	81.23	82.83	81.42	1.64	ppb
Cadmium	108-1	86.03	86.81	88.19	87.01	1.25	ppb
Calcium	43-1	1895.93	1905.86	1933.25	1911.68	1.01	ppb
Calcium	44-1	1935.05	1925.54	1959.31	1939.97	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.04	98.19	95.92	97.72	1.65	ppb
Cobalt	59-2	99.30	100.16	99.03	99.50	0.60	ppb
Copper	63-2	103.41	104.46	103.29	103.72	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				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	2148.43	2210.95	2172.98	2177.45	1.45	ppb
Iron	56-2	2133.22	2211.96	2136.94	2160.71	2.06	ppb
Iron	57-2	2060.16	2134.73	2062.37	2085.75	2.03	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:33:58	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	208.68	205.13	204.07	205.96	1.17	ppb
Lead	207-1	192.95	188.29	190.75	190.66	1.22	ppb
Lead	208-1	203.59	195.62	202.52	200.58	2.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	1249.18	1261.75	1243.40	1251.44	0.75	ppb
Manganese	55-2	95.99	96.32	94.34	95.55	1.11	ppb
Molybdenum	94-1	0.08	0.08	0.06	0.07	20.79	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.03	0.04	0.07	0.05	48.15	ppb
Molybdenum	97-1	-0.02	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.23	107.48	106.45	107.39	0.83	ppb
Phosphorus	31-2	4.53	5.35	0.23	3.37	81.54	ppb
Potassium	39-2	1985.44	2032.89	1960.27	1992.87	1.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	215.62	215.30	220.93	217.28	1.46	ppb
Selenium	77-2	227.29	205.40	215.66	216.11	5.07	ppb
Selenium	78-2	207.60	200.14	204.35	204.03	1.83	ppb
Silicon	28-1	9.75	9.82	11.84	10.47	11.33	ppb
Silver	107-1	49.27	50.40	50.13	49.93	1.18	ppb
Silver	109-1	49.97	50.89	50.33	50.40	0.93	ppb
Sodium	23-2	2199.44	2222.98	2185.49	2202.64	0.86	ppb
Strontium	86-1	0.34	0.27	0.21	0.27	23.32	ppb
Strontium	88-1	0.24	0.27	0.28	0.26	7.15	ppb
Sulfur	34-1	-379.12	-607.61	-349.59	-445.44		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	205.43	203.13	204.88	204.48	0.59	ppb
Thallium	205-1	205.29	203.58	207.23	205.37	0.89	ppb
Tin	118-1	0.14	0.18	0.20	0.17	17.74	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:33:58	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.05	0.14	0.08	61.78	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	93.83	96.61	95.34	95.26	1.46	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	205.36	197.84	200.16	201.12	1.91	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	46.58	ppb
Zirconium	91-1	0.12	0.13	0.13	0.13	3.86	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	21.38	21.36	20.92	3.73	ppb
Antimony	121-1	1.96	1.87	1.93	1.92	2.58	ppb
Arsenic	75-2	0.79	0.91	0.90	0.87	7.98	ppb
Barium	135-1	9.80	9.89	10.00	9.89	1.01	ppb
Barium	137-1	10.11	9.78	9.80	9.90	1.88	ppb
Beryllium	9-1	0.90	0.91	0.90	0.90	0.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	19.54	21.64	22.76	21.31	7.68	ppb
Boron	11-1	21.45	23.69	24.63	23.26	7.04	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.09	1.01	1.05	3.79	ppb
Cadmium	106-1	-2.51	-3.81	-3.75	-3.36		ppb
Cadmium	108-1	-1.00	-1.03	-0.78	-0.94		ppb
Calcium	43-1	461.95	485.13	477.45	474.85	2.49	ppb
Calcium	44-1	464.89	479.24	472.07	472.07	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.78	1.91	1.84	3.73	ppb
Cobalt	59-2	0.95	0.91	0.96	0.94	2.81	ppb
Copper	63-2	1.88	1.89	1.96	1.91	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	53.43	53.84	55.34	54.20	1.86	ppb
Iron	56-2	52.94	52.05	52.74	52.58	0.89	ppb
Iron	57-2	47.56	54.79	57.65	53.33	9.76	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.90	0.88	0.90	3.27	ppb
Lead	207-1	1.04	0.94	0.95	0.98	5.97	ppb
Lead	208-1	0.95	0.89	0.90	0.91	3.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	529.20	524.60	512.80	522.20	1.62	ppb
Manganese	55-2	0.94	0.96	0.95	0.95	1.38	ppb
Molybdenum	94-1	4.97	4.84	4.98	4.93	1.52	ppb
Molybdenum	95-1	4.84	4.93	5.09	4.95	2.56	ppb
Molybdenum	96-1	4.66	4.93	5.08	4.89	4.39	ppb
Molybdenum	97-1	4.91	4.98	4.95	4.95	0.76	ppb
Molybdenum	98-1	4.87	4.78	4.84	4.83	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.93	0.82	0.89	7.32	ppb
Phosphorus	31-2	-0.72	5.64	8.16	4.36	105.07	ppb
Potassium	39-2	483.99	486.01	483.91	484.64	0.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.92	5.66	4.86	5.14	8.63	ppb
Selenium	77-2	6.57	6.09	1.02	4.56	67.38	ppb
Selenium	78-2	4.87	4.19	4.63	4.56	7.50	ppb
Silicon	28-1	9.14	10.69	10.55	10.13	8.46	ppb
Silver	107-1	0.99	0.98	1.00	0.99	0.78	ppb
Silver	109-1	0.92	0.93	0.97	0.94	2.65	ppb
Sodium	23-2	531.93	534.39	525.80	530.71	0.83	ppb
Strontium	86-1	1.08	0.94	1.19	1.07	11.49	ppb
Strontium	88-1	1.04	1.06	1.10	1.07	2.56	ppb
Sulfur	34-1	-548.40	-299.88	-373.96	-407.41		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.92	0.91	0.93	1.23	ppb
Thallium	205-1	0.95	0.90	0.94	0.93	2.55	ppb
Tin	118-1	4.69	4.85	4.73	4.76	1.83	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.76	5.17	5.13	5.02	4.48	ppb
Uranium	238-1	0.88	0.86	0.88	0.87	1.18	ppb
Vanadium	51-2	4.61	4.73	4.81	4.72	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1.87	2.04	1.91	1.94	4.47	ppb
Zirconium	90-1	0.99	0.96	0.96	0.97	1.93	ppb
Zirconium	91-1	1.05	1.00	0.95	1.00	4.64	ppb

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : ICB25 Instrumnet Name : P8
 Client Sample ID : ICB25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:06:03 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.70	0.52	-0.17	1.02	147.11	ppb
Antimony	121-1	-0.05	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	0.00	-0.10	-0.10	-0.07		ppb
Barium	135-1	-0.03	-0.01	-0.01	-0.02		ppb
Barium	137-1	0.00	-0.04	-0.03	-0.02		ppb
Beryllium	9-1	-0.10	-0.10	-0.10	-0.10		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	-0.05	-0.16	-0.04	-0.08		ppb
Boron	11-1	-0.06	-0.02	0.03	-0.02		ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.02	-0.05	-0.03		ppb
Cadmium	106-1	-5.19	-5.09	-6.94	-5.74		ppb
Cadmium	108-1	-2.05	-2.04	-1.84	-1.97		ppb
Calcium	43-1	-0.75	-1.73	-1.50	-1.33		ppb
Calcium	44-1	-0.26	-1.47	-1.71	-1.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.01	0.01	27.65	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	-0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	1.65	-0.03	-0.10	0.51	195.34	ppb
Iron	56-2	1.06	-0.18	-0.23	0.22	340.04	ppb
Iron	57-2	1.43	0.61	0.16	0.74	87.19	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:06:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	-0.04	-0.05	-0.04		ppb
Lead	207-1	-0.02	-0.04	-0.03	-0.03		ppb
Lead	208-1	-0.04	-0.04	-0.03	-0.04		ppb
Lithium	6-1				101		%
Magnesium	24-2	3.52	-0.86	-0.53	0.71	344.22	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	-0.03	-0.03	-0.04	-0.03		ppb
Molybdenum	96-1	-0.05	-0.05	-0.05	-0.05		ppb
Molybdenum	97-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	98-1	-0.05	-0.05	-0.04	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	8.00	3.22	-19.39	-2.72		ppb
Potassium	39-2	1.28	-0.67	0.31	0.31	318.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.63	0.20	-0.04	0.26	130.03	ppb
Selenium	77-2	0.48	0.00	0.49	0.32	86.62	ppb
Selenium	78-2	-0.09	-0.04	0.02	-0.04		ppb
Silicon	28-1	-1.58	-2.57	-2.32	-2.16		ppb
Silver	107-1	0.00	0.00	0.00	0.00	145.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	59.35	ppb
Sodium	23-2	3.29	-1.39	-1.62	0.09	3000.85	ppb
Strontium	86-1	-0.06	-0.01	-0.04	-0.04		ppb
Strontium	88-1	-0.02	-0.02	-0.03	-0.02		ppb
Sulfur	34-1	-1295.84	-1492.10	-1451.87	-1413.27		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.04	0.01	-0.03	-0.02		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:06:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.03	0.02	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.07	-0.22	-0.26	-0.14		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	147.09	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:09:18	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93753.61	93883.63	92270.38	93302.54	0.96	ppb
Antimony	121-1	0.93	1.11	1.02	1.02	8.64	ppb
Arsenic	75-2	0.19	0.19	0.13	0.17	18.98	ppb
Barium	135-1	1.32	1.34	1.25	1.30	3.38	ppb
Barium	137-1	1.28	1.46	1.34	1.36	6.42	ppb
Beryllium	9-1	0.16	0.18	0.17	0.17	5.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	0.67	0.78	0.58	0.68	14.68	ppb
Boron	11-1	0.64	0.61	0.69	0.65	6.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.63	0.53	0.54	16.76	ppb
Cadmium	106-1	-7.57	-5.22	-6.97	-6.58		ppb
Cadmium	108-1	12.88	12.22	11.19	12.10	7.07	ppb
Calcium	43-1	92993.30	90762.38	92059.85	91938.51	1.22	ppb
Calcium	44-1	94012.37	90207.21	92509.18	92242.92	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.39	18.65	18.43	18.49	0.76	ppb
Cobalt	59-2	1.06	1.05	1.08	1.06	1.18	ppb
Copper	63-2	8.14	8.12	7.99	8.08	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	102696.44	102077.77	100019.91	101598.04	1.38	ppb
Iron	56-2	103978.48	103125.65	102979.06	103361.06	0.52	ppb
Iron	57-2	100197.17	100998.12	100692.04	100629.11	0.40	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:09:18	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.36	4.26	4.26	4.29	1.37	ppb
Lead	207-1	3.82	4.00	3.94	3.92	2.34	ppb
Lead	208-1	4.04	4.07	4.03	4.05	0.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	97577.61	98528.71	94891.37	96999.23	1.94	ppb
Manganese	55-2	6.79	7.08	6.98	6.95	2.12	ppb
Molybdenum	94-1	1299.83	1316.29	1294.64	1303.59	0.87	ppb
Molybdenum	95-1	1827.77	1843.25	1818.08	1829.70	0.69	ppb
Molybdenum	96-1	1714.59	1800.72	1761.39	1758.90	2.45	ppb
Molybdenum	97-1	1793.42	1871.33	1850.81	1838.52	2.20	ppb
Molybdenum	98-1	1809.78	1805.06	1824.56	1813.13	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	5.08	5.05	5.09	0.99	ppb
Phosphorus	31-2	91017.58	91738.29	92151.96	91635.94	0.63	ppb
Potassium	39-2	96004.05	94667.34	96532.22	95734.54	1.00	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.06	-0.18	-0.36	-0.16		ppb
Selenium	77-2	0.00	0.00	0.49	0.16	173.21	ppb
Selenium	78-2	0.07	-0.46	-0.03	-0.14		ppb
Silicon	28-1	39.27	44.09	47.63	43.66	9.60	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.45	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.69	ppb
Sodium	23-2	101134.11	103884.43	100322.54	101780.36	1.83	ppb
Strontium	86-1	32.74	33.53	33.33	33.20	1.24	ppb
Strontium	88-1	33.52	33.12	33.11	33.25	0.70	ppb
Sulfur	34-1	96645.72	97644.55	98234.24	97508.17	0.82	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.15	0.18	0.18	0.17	11.09	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:09:18	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1960.83	1965.38	1989.05	1971.76	0.77	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.10	0.10	0.13	0.11	18.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	10.58	10.60	10.58	10.58	0.10	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	92.98	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	43.10	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92357.88	91138.10	92617.80	92037.93	0.86	ppb
Antimony	121-1	20.39	20.23	20.64	20.42	1.01	ppb
Arsenic	75-2	19.26	19.05	19.16	19.15	0.54	ppb
Barium	135-1	20.89	20.64	20.27	20.60	1.52	ppb
Barium	137-1	20.84	20.87	21.30	21.00	1.22	ppb
Beryllium	9-1	19.91	20.11	19.28	19.76	2.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	48.52	50.78	50.63	49.98	2.54	ppb
Boron	11-1	52.82	54.75	55.27	54.28	2.38	ppb
Bromine	81-1						cps
Cadmium	111-1	19.41	19.07	20.02	19.50	2.46	ppb
Cadmium	106-1	14.44	16.20	17.53	16.06	9.63	ppb
Cadmium	108-1	33.54	33.09	32.91	33.18	0.98	ppb
Calcium	43-1	95130.35	95352.04	95794.89	95425.76	0.35	ppb
Calcium	44-1	94827.01	95117.47	95356.13	95100.20	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.82	36.80	36.35	36.66	0.72	ppb
Cobalt	59-2	19.60	19.51	19.22	19.44	1.03	ppb
Copper	63-2	26.31	26.17	25.89	26.13	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	100529.07	102848.19	100973.98	101450.41	1.21	ppb
Iron	56-2	102121.20	104634.81	102590.51	103115.51	1.30	ppb
Iron	57-2	104292.85	101719.47	100185.04	102065.79	2.03	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.68	23.57	23.80	23.68	0.49	ppb
Lead	207-1	22.46	23.02	23.17	22.88	1.64	ppb
Lead	208-1	22.72	23.08	23.34	23.05	1.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	97141.08	95308.03	94452.91	95634.01	1.44	ppb
Manganese	55-2	24.75	25.03	24.31	24.70	1.48	ppb
Molybdenum	94-1	1379.90	1374.10	1387.19	1380.40	0.48	ppb
Molybdenum	95-1	1852.64	1827.08	1845.72	1841.82	0.72	ppb
Molybdenum	96-1	1772.17	1795.16	1795.68	1787.67	0.75	ppb
Molybdenum	97-1	1855.89	1879.53	1852.48	1862.63	0.79	ppb
Molybdenum	98-1	1856.02	1910.75	1842.68	1869.81	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.15	23.30	22.97	23.14	0.70	ppb
Phosphorus	31-2	91046.11	91376.65	89756.34	90726.37	0.94	ppb
Potassium	39-2	96108.27	96213.08	92961.04	95094.13	1.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	20.36	20.21	19.56	20.04	2.12	ppb
Selenium	77-2	22.40	17.05	19.65	19.70	13.59	ppb
Selenium	78-2	19.22	19.83	19.45	19.50	1.57	ppb
Silicon	28-1	25.01	31.63	33.35	30.00	14.69	ppb
Silver	107-1	18.58	18.42	18.44	18.48	0.47	ppb
Silver	109-1	18.55	18.36	18.81	18.57	1.23	ppb
Sodium	23-2	102304.55	99455.33	100981.54	100913.81	1.41	ppb
Strontium	86-1	81.27	82.31	82.09	81.89	0.67	ppb
Strontium	88-1	83.86	83.93	84.08	83.96	0.13	ppb
Sulfur	34-1	99954.19	98441.33	102093.65	100163.06	1.83	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	20.01	20.08	19.95	20.01	0.33	ppb
Thallium	205-1	20.28	20.17	20.47	20.31	0.73	ppb
Tin	118-1	47.32	46.97	46.00	46.77	1.46	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2025.14	1957.29	1987.01	1989.81	1.71	ppb
Uranium	238-1	48.64	48.92	48.71	48.75	0.30	ppb
Vanadium	51-2	18.22	18.65	18.39	18.42	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	29.39	28.01	28.11	28.50	2.69	ppb
Zirconium	90-1	49.90	49.84	48.99	49.58	1.02	ppb
Zirconium	91-1	47.81	49.46	48.37	48.54	1.73	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50047.74	50099.70	50920.28	50355.91	0.97	ppb
Antimony	121-1	479.29	482.21	475.05	478.85	0.75	ppb
Arsenic	75-2	475.27	471.06	478.43	474.92	0.78	ppb
Barium	135-1	2459.31	2472.08	2417.93	2449.77	1.16	ppb
Barium	137-1	2506.93	2437.88	2409.05	2451.29	2.05	ppb
Beryllium	9-1	485.50	485.76	480.87	484.04	0.57	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	439.12	486.73	493.99	473.28	6.30	ppb
Boron	11-1	450.50	485.92	503.82	480.08	5.65	ppb
Bromine	81-1						cps
Cadmium	111-1	493.37	497.04	486.80	492.40	1.05	ppb
Cadmium	106-1	487.70	468.98	481.72	479.47	1.99	ppb
Cadmium	108-1	483.09	485.42	486.95	485.16	0.40	ppb
Calcium	43-1	257499.63	248721.48	246336.36	250852.49	2.34	ppb
Calcium	44-1	254816.10	247340.25	240025.60	247393.98	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.79	468.91	481.11	473.60	1.39	ppb
Cobalt	59-2	460.82	459.64	466.91	462.46	0.84	ppb
Copper	63-2	4705.92	4710.88	4716.61	4711.14	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	124864.47	127117.01	128929.92	126970.47	1.60	ppb
Iron	56-2	125592.52	126942.65	128273.95	126936.37	1.06	ppb
Iron	57-2	126473.44	126163.51	126371.60	126336.18	0.13	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2465.85	2484.25	2415.03	2455.04	1.46	ppb
Lead	207-1	2529.02	2496.95	2382.16	2469.38	3.13	ppb
Lead	208-1	2505.68	2492.68	2431.48	2476.62	1.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	256835.81	249683.76	257224.00	254581.19	1.67	ppb
Manganese	55-2	4791.47	4774.95	4871.82	4812.75	1.08	ppb
Molybdenum	94-1	2555.57	2480.22	2454.51	2496.77	2.10	ppb
Molybdenum	95-1	2498.64	2437.57	2443.67	2459.96	1.37	ppb
Molybdenum	96-1	2537.29	2399.67	2402.87	2446.61	3.21	ppb
Molybdenum	97-1	2523.35	2426.50	2407.07	2452.31	2.54	ppb
Molybdenum	98-1	2526.68	2446.04	2445.44	2472.72	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.24	464.63	471.73	466.53	0.98	ppb
Phosphorus	31-2	9387.76	9452.51	9392.62	9410.96	0.38	ppb
Potassium	39-2	123696.55	122151.34	124945.07	123597.65	1.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	500.48	483.49	483.99	489.32	1.98	ppb
Selenium	77-2	452.58	471.13	474.34	466.01	2.52	ppb
Selenium	78-2	462.87	468.61	468.21	466.56	0.69	ppb
Silicon	28-1	593.45	610.64	625.57	609.89	2.64	ppb
Silver	107-1	497.13	485.24	486.54	489.64	1.33	ppb
Silver	109-1	488.30	504.09	478.40	490.26	2.64	ppb
Sodium	23-2	257187.89	251670.67	257436.88	255431.81	1.28	ppb
Strontium	86-1	4972.80	4853.22	4874.09	4900.04	1.30	ppb
Strontium	88-1	5011.10	4867.73	4889.14	4922.66	1.57	ppb
Sulfur	34-1	9674.66	8894.69	8478.82	9016.06	6.73	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	504.71	504.32	496.65	501.89	0.91	ppb
Thallium	205-1	500.42	495.18	482.00	492.53	1.93	ppb
Tin	118-1	478.17	483.54	485.81	482.51	0.81	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2545.46	2496.20	2432.48	2491.38	2.27	ppb
Uranium	238-1	518.32	503.55	506.51	509.46	1.53	ppb
Vanadium	51-2	470.19	472.43	475.81	472.81	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4617.11	4635.53	4699.92	4650.85	0.93	ppb
Zirconium	90-1	502.48	488.72	499.55	496.92	1.46	ppb
Zirconium	91-1	506.56	483.16	501.01	496.91	2.46	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:47:01	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.14	-0.10	-0.03		ppb
Antimony	121-1	-0.03	-0.03	-0.02	-0.03		ppb
Arsenic	75-2	-0.09	-0.10	-0.10	-0.10		ppb
Barium	135-1	-0.02	0.01	0.02	0.00	902.10	ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	-0.09	-0.09	-0.09	-0.09		ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	2.00	1.97	1.93	1.96	1.86	ppb
Boron	11-1	2.09	2.15	1.96	2.07	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-5.41	-6.10	-5.06	-5.52		ppb
Cadmium	108-1	-1.95	-1.99	-1.90	-1.95		ppb
Calcium	43-1	-0.75	-1.70	-1.20	-1.22		ppb
Calcium	44-1	-0.70	-0.68	-1.69	-1.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.00	-0.01	0.02	0.00	276.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	-0.41	0.08	0.09	-0.08		ppb
Iron	56-2	-0.11	-0.14	-0.23	-0.16		ppb
Iron	57-2	0.74	0.16	0.33	0.41	72.53	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:47:01	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.03	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.61	-0.07	0.17	-0.17		ppb
Manganese	55-2	0.01	-0.02	0.01	0.00		ppb
Molybdenum	94-1	-0.04	-0.01	0.01	-0.01		ppb
Molybdenum	95-1	-0.04	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	97-1	-0.02	-0.03	-0.04	-0.03		ppb
Molybdenum	98-1	-0.05	-0.04	-0.04	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.06	-0.04		ppb
Phosphorus	31-2	-13.39	-3.40	5.41	-3.79		ppb
Potassium	39-2	4.60	1.85	1.77	2.74	58.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.13	0.29	0.13	0.19	50.66	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.07	-0.34	-0.08		ppb
Silicon	28-1	-1.34	-1.10	-2.39	-1.61		ppb
Silver	107-1	0.00	0.01	0.00	0.00	46.09	ppb
Silver	109-1	0.00	0.01	0.00	0.00	39.76	ppb
Sodium	23-2	6.96	8.19	9.82	8.32	17.22	ppb
Strontium	86-1	-0.01	-0.05	0.04	0.00		ppb
Strontium	88-1	-0.02	-0.02	-0.01	-0.02		ppb
Sulfur	34-1	-880.38	-887.84	-1057.94	-942.05		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.06	-0.04	-0.03	-0.05		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:47:01	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.03	0.01	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.15	-0.22	-0.26	-0.21		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	91.00	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:50:01	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.95	20.89	20.06	20.30	2.53	ppb
Antimony	121-1	2.07	1.94	1.91	1.98	4.22	ppb
Arsenic	75-2	0.88	0.91	0.82	0.87	5.08	ppb
Barium	135-1	10.44	10.00	10.02	10.16	2.45	ppb
Barium	137-1	11.05	9.81	9.82	10.23	6.99	ppb
Beryllium	9-1	0.99	0.91	0.91	0.94	5.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	23.01	23.65	24.43	23.70	2.99	ppb
Boron	11-1	24.90	25.04	26.31	25.42	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.00	0.91	1.04	15.25	ppb
Cadmium	106-1	-3.16	-4.41	-3.30	-3.63		ppb
Cadmium	108-1	-0.88	-1.02	-0.64	-0.85		ppb
Calcium	43-1	515.60	466.14	491.63	491.12	5.04	ppb
Calcium	44-1	508.46	468.80	483.64	486.97	4.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.87	1.87	1.87	0.35	ppb
Cobalt	59-2	0.94	0.95	0.93	0.94	1.42	ppb
Copper	63-2	1.88	1.95	1.98	1.94	2.83	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	52.28	54.04	52.00	52.77	2.09	ppb
Iron	56-2	52.51	54.16	53.18	53.28	1.56	ppb
Iron	57-2	52.04	52.39	55.02	53.15	3.06	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:50:01	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.86	0.91	0.91	6.00	ppb
Lead	207-1	1.00	0.87	0.88	0.92	7.96	ppb
Lead	208-1	0.99	0.88	0.89	0.92	6.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	516.11	519.12	511.16	515.46	0.78	ppb
Manganese	55-2	0.95	0.94	0.99	0.96	3.00	ppb
Molybdenum	94-1	5.35	4.81	4.69	4.95	7.13	ppb
Molybdenum	95-1	5.12	4.72	4.66	4.83	5.16	ppb
Molybdenum	96-1	5.02	4.85	4.61	4.83	4.21	ppb
Molybdenum	97-1	5.30	4.88	4.69	4.96	6.38	ppb
Molybdenum	98-1	5.00	4.72	4.74	4.82	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	0.90	0.98	6.67	ppb
Phosphorus	31-2	-5.88	-5.01	0.59	-3.43		ppb
Potassium	39-2	481.57	491.25	487.33	486.71	1.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	6.22	5.37	5.09	5.56	10.61	ppb
Selenium	77-2	5.29	4.42	7.28	5.66	25.90	ppb
Selenium	78-2	4.31	5.20	4.91	4.81	9.41	ppb
Silicon	28-1	13.28	10.19	11.03	11.50	13.90	ppb
Silver	107-1	1.06	0.97	1.02	1.02	4.36	ppb
Silver	109-1	1.09	0.97	0.98	1.01	6.43	ppb
Sodium	23-2	529.38	534.41	540.14	534.64	1.01	ppb
Strontium	86-1	1.10	0.97	1.07	1.05	6.68	ppb
Strontium	88-1	1.14	1.04	1.03	1.07	5.67	ppb
Sulfur	34-1	-522.48	-1180.35	-895.70	-866.18		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	1.00	0.90	0.91	0.94	6.03	ppb
Thallium	205-1	1.00	0.88	0.93	0.94	6.44	ppb
Tin	118-1	5.37	4.94	4.97	5.09	4.67	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:50:01	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.23	4.82	4.86	4.97	4.50	ppb
Uranium	238-1	0.92	0.85	0.87	0.88	3.92	ppb
Vanadium	51-2	4.76	4.83	4.63	4.74	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.14	2.23	2.11	2.16	3.09	ppb
Zirconium	90-1	1.02	0.95	0.96	0.98	4.08	ppb
Zirconium	91-1	1.11	0.93	0.95	1.00	9.74	ppb

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : PB138657BL Instrumnet Name : P8
 Client Sample ID : PB138657BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 14:06:52 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.37	0.12	0.20	70.46	ppb
Antimony	121-1	-0.05	-0.04	-0.05	-0.04		ppb
Arsenic	75-2	-0.10	-0.10	-0.10	-0.10		ppb
Barium	135-1	0.00	-0.03	-0.01	-0.02		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	-0.10	-0.09	-0.10	-0.10		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	0.41	0.65	0.55	0.53	22.77	ppb
Boron	11-1	0.70	0.79	0.80	0.77	7.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-4.92	-6.96	-5.52	-5.80		ppb
Cadmium	108-1	-2.07	-1.96	-2.02	-2.02		ppb
Calcium	43-1	-1.54	-0.94	-2.11	-1.53		ppb
Calcium	44-1	-1.85	-2.13	-3.15	-2.37		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	0.00		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.03	-0.02	-0.01	-0.02		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				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	-0.85	-0.13	-0.23	-0.40		ppb
Iron	56-2	-0.52	-0.53	-0.56	-0.54		ppb
Iron	57-2	-0.49	-0.19	-0.11	-0.26		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BL	Instrumnet Name :	P8
Client Sample ID :	PB138657BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.03	-0.04	-0.03	-0.03		ppb
Lead	207-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.01	-0.98	-0.70	-0.90		ppb
Manganese	55-2	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	94-1	-0.04	0.00	-0.04	-0.03		ppb
Molybdenum	95-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.05	-0.05	-0.06	-0.05		ppb
Molybdenum	97-1	-0.05	-0.05	-0.05	-0.05		ppb
Molybdenum	98-1	-0.05	-0.05	-0.05	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-5.35	-1.42	-4.20	-3.66		ppb
Potassium	39-2	-1.14	2.81	0.57	0.75	265.82	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.06	0.85	0.19	0.33	143.68	ppb
Selenium	77-2	0.49	0.48	0.00	0.32	86.61	ppb
Selenium	78-2	-0.33	-0.01	0.11	-0.08		ppb
Silicon	28-1	-1.07	-1.61	-2.18	-1.62		ppb
Silver	107-1	0.00	0.00	0.00	0.00	2.92	ppb
Silver	109-1	0.00	0.00	0.01	0.00	95.37	ppb
Sodium	23-2	1.57	3.43	1.64	2.22	47.71	ppb
Strontium	86-1	-0.03	0.03	-0.01	0.00		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-723.81	-684.13	-992.65	-800.20		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
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	-0.04	-0.05	-0.04	-0.04		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BL	Instrumnet Name :	P8
Client Sample ID :	PB138657BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.01	-0.02	0.00	4501.80	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.16	-0.31	-0.29	-0.25		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	275.61	ppb

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : PB138657BS Instrumnet Name : P8
 Client Sample ID : PB138657BS Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 14:09:52 DataFile Name : 026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10163.55	10105.73	9988.37	10085.88	0.89	ppb
Antimony	121-1	485.34	492.42	487.92	488.56	0.73	ppb
Arsenic	75-2	480.95	478.63	474.14	477.91	0.72	ppb
Barium	135-1	2418.70	2454.17	2423.34	2432.07	0.79	ppb
Barium	137-1	2488.58	2459.54	2456.94	2468.35	0.71	ppb
Beryllium	9-1	489.63	492.55	489.18	490.45	0.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	436.79	451.21	462.32	450.10	2.84	ppb
Boron	11-1	434.97	454.77	475.73	455.16	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	497.59	490.28	502.05	496.64	1.20	ppb
Cadmium	106-1	492.29	486.30	481.85	486.81	1.08	ppb
Cadmium	108-1	485.68	482.17	500.30	489.39	1.96	ppb
Calcium	43-1	52034.98	52788.99	52953.70	52592.55	0.93	ppb
Calcium	44-1	50173.30	49269.02	50076.97	49839.76	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.12	488.20	477.34	484.55	1.29	ppb
Cobalt	59-2	487.22	477.62	473.46	479.43	1.47	ppb
Copper	63-2	4895.56	4889.91	4854.84	4880.10	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	27411.37	26751.96	26693.94	26952.42	1.48	ppb
Iron	56-2	26398.91	26411.39	26234.35	26348.22	0.38	ppb
Iron	57-2	26954.84	26726.83	26987.18	26889.61	0.53	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BS	Instrumnet Name :	P8
Client Sample ID :	PB138657BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:09:52	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2514.29	2443.74	2465.66	2474.56	1.46	ppb
Lead	207-1	2473.56	2447.84	2484.00	2468.47	0.75	ppb
Lead	208-1	2474.53	2430.54	2473.51	2459.52	1.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	53430.31	53250.03	52664.53	53114.96	0.75	ppb
Manganese	55-2	4829.93	4742.25	4626.19	4732.79	2.16	ppb
Molybdenum	94-1	2537.96	2542.10	2520.89	2533.65	0.44	ppb
Molybdenum	95-1	2514.09	2507.37	2493.07	2504.84	0.43	ppb
Molybdenum	96-1	2507.70	2558.02	2449.36	2505.03	2.17	ppb
Molybdenum	97-1	2511.41	2592.89	2442.26	2515.52	3.00	ppb
Molybdenum	98-1	2535.50	2550.72	2500.34	2528.85	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.08	475.02	467.77	471.96	0.80	ppb
Phosphorus	31-2	9722.33	9580.95	9462.38	9588.56	1.36	ppb
Potassium	39-2	24988.25	25492.00	25074.81	25185.02	1.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	511.32	521.89	507.49	513.57	1.45	ppb
Selenium	77-2	501.84	451.91	450.95	468.23	6.22	ppb
Selenium	78-2	482.54	478.65	469.68	476.95	1.38	ppb
Silicon	28-1	482.01	496.84	505.49	494.78	2.40	ppb
Silver	107-1	491.79	488.46	506.66	495.64	1.96	ppb
Silver	109-1	496.15	496.16	505.29	499.20	1.06	ppb
Sodium	23-2	52996.66	52910.93	52098.67	52668.76	0.94	ppb
Strontium	86-1	4952.56	5051.15	5170.50	5058.07	2.16	ppb
Strontium	88-1	5038.03	5144.98	5010.53	5064.51	1.40	ppb
Sulfur	34-1	9411.37	9285.53	9310.20	9335.70	0.71	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	499.57	499.19	498.93	499.23	0.06	ppb
Thallium	205-1	491.62	495.40	494.03	493.68	0.39	ppb
Tin	118-1	488.24	504.51	499.11	497.29	1.67	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BS	Instrumnet Name :	P8
Client Sample ID :	PB138657BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:09:52	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2527.55	2549.83	2513.65	2530.34	0.72	ppb
Uranium	238-1	486.38	472.32	487.46	482.05	1.75	ppb
Vanadium	51-2	487.44	481.00	474.12	480.85	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	4947.11	5060.16	4940.77	4982.68	1.35	ppb
Zirconium	90-1	499.61	505.85	492.82	499.43	1.30	ppb
Zirconium	91-1	500.96	507.01	496.42	501.47	1.06	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7554.29	7553.08	7524.83	7544.07	0.22	ppb
Antimony	121-1	0.22	0.22	0.25	0.23	8.00	ppb
Arsenic	75-2	4.77	4.82	4.63	4.74	2.14	ppb
Barium	135-1	30.68	31.07	31.24	30.99	0.94	ppb
Barium	137-1	31.74	31.17	31.49	31.47	0.90	ppb
Beryllium	9-1	0.61	0.55	0.53	0.56	8.04	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	94.19	95.29	96.41	95.30	1.16	ppb
Boron	11-1	105.67	100.23	106.07	103.99	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.31	0.31	0.31	1.30	ppb
Cadmium	106-1	-3.82	-4.95	-5.06	-4.61		ppb
Cadmium	108-1	-1.68	-1.68	-1.61	-1.66		ppb
Calcium	43-1	3378.56	3322.57	3379.08	3360.07	0.97	ppb
Calcium	44-1	3553.08	3422.44	3445.26	3473.59	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.85	8.84	9.03	8.91	1.20	ppb
Cobalt	59-2	3.80	3.73	3.74	3.76	1.00	ppb
Copper	63-2	40.34	41.10	40.68	40.71	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	12290.58	12572.94	12282.49	12382.00	1.34	ppb
Iron	56-2	12793.76	12419.25	12514.32	12575.78	1.55	ppb
Iron	57-2	12123.82	12115.30	12153.16	12130.76	0.16	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.15	7.93	7.95	8.01	1.48	ppb
Lead	207-1	7.52	7.80	7.54	7.62	2.10	ppb
Lead	208-1	7.73	7.76	7.61	7.70	1.04	ppb
Lithium	6-1				107		%
Magnesium	24-2	1087.32	1064.81	1091.47	1081.20	1.33	ppb
Manganese	55-2	186.05	185.87	184.30	185.41	0.52	ppb
Molybdenum	94-1	1.83	1.84	1.88	1.85	1.60	ppb
Molybdenum	95-1	0.60	0.51	0.51	0.54	9.70	ppb
Molybdenum	96-1	0.76	0.79	0.69	0.74	6.68	ppb
Molybdenum	97-1	0.54	0.57	0.49	0.53	8.06	ppb
Molybdenum	98-1	0.59	0.56	0.55	0.56	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.85	4.81	4.97	4.87	1.67	ppb
Phosphorus	31-2	1674.60	1619.21	1494.57	1596.13	5.78	ppb
Potassium	39-2	1139.93	1154.47	1153.98	1149.46	0.72	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.71	1.03	1.01	0.92	19.48	ppb
Selenium	77-2	23.15	26.84	29.56	26.52	12.13	ppb
Selenium	78-2	5.14	4.46	4.61	4.74	7.48	ppb
Silicon	28-1	3239.68	3111.70	3117.85	3156.41	2.29	ppb
Silver	107-1	0.18	0.13	0.10	0.14	28.73	ppb
Silver	109-1	0.18	0.12	0.08	0.13	37.74	ppb
Sodium	23-2	1206.63	1217.19	1223.46	1215.76	0.70	ppb
Strontium	86-1	13.71	13.99	13.79	13.83	1.05	ppb
Strontium	88-1	14.14	14.43	13.84	14.14	2.12	ppb
Sulfur	34-1	165098.44	160527.88	160672.44	162099.59	1.60	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.14	0.16	0.15	8.77	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	7.38	ppb
Tin	118-1	1.19	1.20	1.18	1.19	1.02	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	74.71	73.06	74.81	74.19	1.32	ppb
Uranium	238-1	2.00	2.08	2.04	2.04	1.85	ppb
Vanadium	51-2	19.22	19.39	19.28	19.30	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	158.87	155.81	159.90	158.19	1.34	ppb
Zirconium	90-1	0.94	0.97	0.94	0.95	2.34	ppb
Zirconium	91-1	0.89	0.90	0.99	0.93	5.94	ppb

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : M3426-12DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SWCS-10-0510DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-23 14:15:44 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7731.05	7677.84	7548.97	7652.62	1.22	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	6.37	ppb
Arsenic	75-2	4.83	4.89	4.69	4.81	2.16	ppb
Barium	135-1	30.54	32.02	30.65	31.07	2.65	ppb
Barium	137-1	30.27	32.30	30.74	31.11	3.41	ppb
Beryllium	9-1	0.52	0.62	0.54	0.56	9.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	77.90	86.52	85.12	83.18	5.56	ppb
Boron	11-1	86.32	96.37	92.32	91.67	5.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.35	0.24	0.30	17.78	ppb
Cadmium	106-1	-6.34	-3.77	-5.90	-5.34		ppb
Cadmium	108-1	-1.68	-1.65	-1.62	-1.65		ppb
Calcium	43-1	3476.89	3540.78	3424.22	3480.63	1.68	ppb
Calcium	44-1	3521.17	3587.50	3526.38	3545.02	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.22	9.12	8.91	9.08	1.74	ppb
Cobalt	59-2	3.85	3.91	3.71	3.82	2.71	ppb
Copper	63-2	41.88	42.30	41.15	41.78	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	54-2	12757.32	12879.14	12589.67	12742.04	1.14	ppb
Iron	56-2	13007.24	12727.33	12595.53	12776.70	1.65	ppb
Iron	57-2	12335.01	12396.20	12249.65	12326.95	0.60	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:15:44	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.29	8.05	8.08	8.14	1.61	ppb
Lead	207-1	7.47	7.45	7.65	7.52	1.46	ppb
Lead	208-1	7.75	7.71	7.72	7.73	0.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	1116.35	1109.45	1084.95	1103.58	1.50	ppb
Manganese	55-2	188.60	186.95	187.64	187.73	0.44	ppb
Molybdenum	94-1	1.87	1.87	1.78	1.84	2.81	ppb
Molybdenum	95-1	0.48	0.50	0.45	0.48	4.82	ppb
Molybdenum	96-1	0.67	0.65	0.68	0.67	1.84	ppb
Molybdenum	97-1	0.47	0.48	0.49	0.48	1.57	ppb
Molybdenum	98-1	0.49	0.50	0.51	0.50	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.95	4.76	4.98	4.90	2.43	ppb
Phosphorus	31-2	1659.04	1671.35	1494.99	1608.46	6.12	ppb
Potassium	39-2	1183.78	1183.84	1148.49	1172.04	1.74	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	1.39	0.87	0.83	1.03	30.38	ppb
Selenium	77-2	26.20	18.41	25.36	23.32	18.33	ppb
Selenium	78-2	4.02	4.41	5.97	4.80	21.49	ppb
Silicon	28-1	3347.46	3310.77	3221.58	3293.27	1.97	ppb
Silver	107-1	0.04	0.05	0.06	0.05	16.62	ppb
Silver	109-1	0.04	0.05	0.05	0.05	17.44	ppb
Sodium	23-2	1249.10	1247.18	1227.79	1241.36	0.95	ppb
Strontium	86-1	13.78	14.36	14.26	14.13	2.18	ppb
Strontium	88-1	14.15	14.35	14.49	14.33	1.19	ppb
Sulfur	34-1	170889.42	170351.48	164500.58	168580.49	2.10	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.14	0.15	0.14	8.95	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	6.15	ppb
Tin	118-1	1.11	1.14	1.09	1.11	2.44	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:15:44	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	78.18	78.00	74.27	76.82	2.88	ppb
Uranium	238-1	2.05	2.08	1.99	2.04	2.19	ppb
Vanadium	51-2	19.77	19.91	19.50	19.73	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	160.65	157.51	157.22	158.46	1.20	ppb
Zirconium	90-1	0.97	1.00	0.99	0.99	1.38	ppb
Zirconium	91-1	0.94	0.98	0.99	0.97	2.43	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1457.09	1493.61	1585.54	1512.08	4.38	ppb
Antimony	121-1	0.01	0.01	0.00	0.00	80.79	ppb
Arsenic	75-2	0.81	0.79	0.99	0.87	12.48	ppb
Barium	135-1	6.01	6.16	6.08	6.08	1.22	ppb
Barium	137-1	6.03	5.98	5.87	5.96	1.45	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	14.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	25.24	27.72	25.40	26.12	5.32	ppb
Boron	11-1	28.18	29.43	27.70	28.44	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	0.02	0.02	36.26	ppb
Cadmium	106-1	-7.88	-5.94	-6.54	-6.79		ppb
Cadmium	108-1	-1.90	-1.98	-1.90	-1.93		ppb
Calcium	43-1	698.46	677.44	666.27	680.73	2.40	ppb
Calcium	44-1	702.75	682.54	662.94	682.74	2.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.87	1.93	1.83	6.53	ppb
Cobalt	59-2	0.78	0.75	0.79	0.77	2.54	ppb
Copper	63-2	7.92	8.26	8.66	8.28	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	2376.82	2436.96	2602.79	2472.19	4.73	ppb
Iron	56-2	2432.70	2524.09	2646.89	2534.56	4.24	ppb
Iron	57-2	2388.47	2425.32	2546.21	2453.33	3.36	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.55	1.52	1.54	1.54	1.07	ppb
Lead	207-1	1.46	1.47	1.43	1.45	1.62	ppb
Lead	208-1	1.51	1.46	1.47	1.48	1.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	215.53	217.83	226.04	219.80	2.51	ppb
Manganese	55-2	35.51	36.74	38.62	36.96	4.24	ppb
Molybdenum	94-1	0.34	0.28	0.32	0.31	8.48	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	4.91	ppb
Molybdenum	96-1	0.13	0.12	0.08	0.11	23.58	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.08	7.92	ppb
Molybdenum	98-1	0.06	0.07	0.04	0.06	23.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.94	0.93	0.94	0.90	ppb
Phosphorus	31-2	294.92	305.71	332.85	311.16	6.28	ppb
Potassium	39-2	232.50	238.92	256.61	242.68	5.15	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.08	-0.09	0.50	0.17	185.22	ppb
Selenium	77-2	4.68	3.85	4.55	4.36	10.17	ppb
Selenium	78-2	1.01	1.12	0.89	1.01	11.22	ppb
Silicon	28-1	661.38	615.42	622.99	633.27	3.89	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.68	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.06	ppb
Sodium	23-2	245.45	248.83	273.29	255.86	5.94	ppb
Strontium	86-1	2.67	2.71	2.60	2.66	2.15	ppb
Strontium	88-1	2.76	2.86	2.77	2.80	1.98	ppb
Sulfur	34-1	32757.00	31073.85	30459.94	31430.26	3.78	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.04	0.03	0.04	19.52	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	12.27	ppb
Tin	118-1	0.21	0.21	0.25	0.22	11.60	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.34	15.36	14.44	15.05	3.51	ppb
Uranium	238-1	0.35	0.36	0.37	0.36	3.14	ppb
Vanadium	51-2	3.81	3.84	4.03	3.89	3.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	31.52	31.86	34.35	32.58	4.74	ppb
Zirconium	90-1	0.17	0.20	0.19	0.18	6.85	ppb
Zirconium	91-1	0.18	0.22	0.19	0.20	10.69	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8786.87	8860.39	8686.81	8778.02	0.99	ppb
Antimony	121-1	102.37	98.37	96.87	99.20	2.86	ppb
Arsenic	75-2	100.32	97.48	98.80	98.86	1.44	ppb
Barium	135-1	377.81	373.84	373.90	375.18	0.61	ppb
Barium	137-1	379.68	377.20	384.16	380.35	0.93	ppb
Beryllium	9-1	96.29	95.55	93.95	95.27	1.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	149.36	157.40	159.66	155.48	3.48	ppb
Boron	11-1	161.84	173.66	176.93	170.81	4.65	ppb
Bromine	81-1						cps
Cadmium	111-1	104.75	104.26	102.52	103.84	1.13	ppb
Cadmium	106-1	100.48	93.36	97.39	97.08	3.68	ppb
Cadmium	108-1	105.24	102.28	99.35	102.29	2.88	ppb
Calcium	43-1	13477.00	13534.32	13173.00	13394.77	1.45	ppb
Calcium	44-1	13321.09	13354.70	13159.62	13278.47	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.89	99.88	96.63	98.80	1.90	ppb
Cobalt	59-2	97.84	97.24	95.23	96.77	1.41	ppb
Copper	63-2	1163.57	1175.56	1130.29	1156.47	2.03	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				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	16597.01	16643.12	16179.92	16473.35	1.55	ppb
Iron	56-2	16980.84	16681.76	16141.11	16601.24	2.56	ppb
Iron	57-2	16201.34	16300.78	15911.58	16137.90	1.25	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	431.03	415.84	437.46	428.11	2.59	ppb
Lead	207-1	437.98	406.58	443.21	429.25	4.62	ppb
Lead	208-1	426.31	407.56	429.27	421.05	2.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	11255.77	11223.31	10996.64	11158.57	1.27	ppb
Manganese	55-2	1192.75	1209.87	1167.67	1190.10	1.78	ppb
Molybdenum	94-1	765.91	731.14	720.56	739.21	3.21	ppb
Molybdenum	95-1	862.41	840.81	823.33	842.19	2.32	ppb
Molybdenum	96-1	857.04	827.91	824.90	836.61	2.12	ppb
Molybdenum	97-1	865.16	848.44	847.56	853.72	1.16	ppb
Molybdenum	98-1	853.87	840.74	821.96	838.86	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.23	97.57	96.02	97.27	1.16	ppb
Phosphorus	31-2	1457.70	1586.76	1506.59	1517.02	4.30	ppb
Potassium	39-2	6080.18	6137.35	5924.63	6047.39	1.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	102.28	98.36	96.94	99.19	2.79	ppb
Selenium	77-2	123.45	118.45	106.43	116.11	7.53	ppb
Selenium	78-2	102.32	97.47	95.13	98.31	3.73	ppb
Silicon	28-1	3056.62	3074.14	2958.50	3029.75	2.06	ppb
Silver	107-1	55.18	56.55	53.57	55.10	2.70	ppb
Silver	109-1	54.07	54.86	54.30	54.41	0.75	ppb
Sodium	23-2	11401.44	11275.58	11216.69	11297.91	0.84	ppb
Strontium	86-1	1013.39	1000.19	989.98	1001.18	1.17	ppb
Strontium	88-1	1024.88	994.73	987.24	1002.28	1.99	ppb
Sulfur	34-1	152656.78	158948.40	151376.31	154327.16	2.63	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	93.35	91.37	95.81	93.51	2.38	ppb
Thallium	205-1	97.52	92.86	98.91	96.43	3.28	ppb
Tin	118-1	104.30	102.54	102.96	103.26	0.89	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	997.26	963.23	956.81	972.43	2.24	ppb
Uranium	238-1	93.62	95.12	96.52	95.09	1.52	ppb
Vanadium	51-2	110.67	110.43	107.84	109.65	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	1239.19	1247.40	1210.51	1232.36	1.57	ppb
Zirconium	90-1	96.48	94.09	94.40	94.99	1.37	ppb
Zirconium	91-1	94.65	91.75	92.02	92.81	1.73	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9465.98	9399.13	9427.52	9430.88	0.36	ppb
Antimony	121-1	97.81	96.93	95.82	96.85	1.03	ppb
Arsenic	75-2	97.78	99.97	99.61	99.12	1.19	ppb
Barium	135-1	523.79	529.32	526.58	526.57	0.52	ppb
Barium	137-1	546.54	541.04	532.07	539.88	1.35	ppb
Beryllium	9-1	94.97	96.07	96.50	95.85	0.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	164.32	174.68	179.92	172.97	4.59	ppb
Boron	11-1	182.58	192.15	197.43	190.72	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	102.33	101.24	99.71	101.09	1.30	ppb
Cadmium	106-1	94.32	94.21	94.17	94.23	0.08	ppb
Cadmium	108-1	103.70	100.85	102.35	102.30	1.39	ppb
Calcium	43-1	13251.32	13566.80	13721.03	13513.05	1.77	ppb
Calcium	44-1	13135.45	13835.41	13287.20	13419.35	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.50	100.67	100.44	100.87	0.55	ppb
Cobalt	59-2	98.80	97.32	96.28	97.47	1.30	ppb
Copper	63-2	1174.41	1178.09	1181.77	1178.09	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	17967.89	18035.02	17894.15	17965.69	0.39	ppb
Iron	56-2	17224.57	17780.33	17460.71	17488.53	1.59	ppb
Iron	57-2	17229.23	17478.72	16921.39	17209.78	1.62	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	479.13	482.10	472.86	478.03	0.99	ppb
Lead	207-1	482.48	495.26	483.48	487.07	1.46	ppb
Lead	208-1	479.43	486.64	479.84	481.97	0.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	11334.99	11311.52	11144.41	11263.64	0.92	ppb
Manganese	55-2	1205.07	1230.89	1199.62	1211.86	1.38	ppb
Molybdenum	94-1	732.50	748.83	723.56	734.96	1.74	ppb
Molybdenum	95-1	834.73	860.44	837.75	844.30	1.66	ppb
Molybdenum	96-1	813.78	843.64	828.51	828.64	1.80	ppb
Molybdenum	97-1	833.53	870.40	838.69	847.54	2.36	ppb
Molybdenum	98-1	827.43	859.02	835.98	840.81	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.86	100.19	97.84	98.63	1.37	ppb
Phosphorus	31-2	1610.52	1632.75	1619.81	1621.03	0.69	ppb
Potassium	39-2	6047.66	6239.02	6171.37	6152.68	1.58	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	97.49	99.38	96.99	97.95	1.29	ppb
Selenium	77-2	115.23	112.83	118.04	115.37	2.26	ppb
Selenium	78-2	92.81	99.32	96.53	96.22	3.39	ppb
Silicon	28-1	3253.60	3336.25	3345.53	3311.80	1.53	ppb
Silver	107-1	71.63	58.62	63.99	64.75	10.10	ppb
Silver	109-1	68.40	57.94	59.46	61.93	9.12	ppb
Sodium	23-2	11495.51	11315.34	11627.94	11479.60	1.37	ppb
Strontium	86-1	955.07	966.97	932.99	951.68	1.81	ppb
Strontium	88-1	945.90	952.65	925.10	941.22	1.53	ppb
Sulfur	34-1	161922.43	169794.15	173122.84	168279.81	3.42	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	90.45	95.37	90.70	92.18	3.01	ppb
Thallium	205-1	93.49	99.46	91.88	94.94	4.20	ppb
Tin	118-1	103.23	102.39	103.42	103.01	0.53	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	959.61	972.45	957.40	963.15	0.84	ppb
Uranium	238-1	94.00	95.55	93.88	94.48	0.98	ppb
Vanadium	51-2	111.33	111.34	109.44	110.70	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	1260.20	1236.64	1229.85	1242.23	1.28	ppb
Zirconium	90-1	94.64	96.62	96.12	95.80	1.08	ppb
Zirconium	91-1	91.73	94.09	92.07	92.63	1.38	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8977.63	8799.78	8679.80	8819.07	1.70	ppb
Antimony	121-1	93.59	94.51	97.07	95.06	1.90	ppb
Arsenic	75-2	97.89	97.19	95.38	96.82	1.34	ppb
Barium	135-1	430.89	432.24	434.44	432.52	0.41	ppb
Barium	137-1	433.49	429.85	446.26	436.53	1.97	ppb
Beryllium	9-1	93.34	94.45	95.79	94.53	1.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	160.87	172.67	178.16	170.57	5.18	ppb
Boron	11-1	175.86	190.45	198.63	188.32	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	98.93	96.82	100.22	98.66	1.74	ppb
Cadmium	106-1	93.62	92.42	93.08	93.04	0.65	ppb
Cadmium	108-1	95.49	99.39	98.57	97.81	2.10	ppb
Calcium	43-1	12853.95	12949.27	13203.14	13002.12	1.39	ppb
Calcium	44-1	12944.82	12718.60	13168.35	12943.92	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.48	97.66	97.98	98.04	0.42	ppb
Cobalt	59-2	95.52	94.77	94.72	95.00	0.47	ppb
Copper	63-2	1161.41	1151.60	1123.94	1145.65	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	54-2	17161.52	17001.37	16498.59	16887.16	2.05	ppb
Iron	56-2	17108.86	16771.83	16439.51	16773.40	2.00	ppb
Iron	57-2	16737.57	16264.80	16187.71	16396.70	1.82	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	448.89	441.61	445.02	445.17	0.82	ppb
Lead	207-1	448.69	446.76	451.72	449.06	0.56	ppb
Lead	208-1	440.75	441.65	449.04	443.81	1.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	11099.68	10992.17	10672.02	10921.29	2.04	ppb
Manganese	55-2	1193.73	1182.89	1139.12	1171.91	2.47	ppb
Molybdenum	94-1	732.14	714.29	735.90	727.44	1.59	ppb
Molybdenum	95-1	837.42	807.36	826.59	823.79	1.85	ppb
Molybdenum	96-1	816.69	803.63	831.83	817.38	1.73	ppb
Molybdenum	97-1	844.06	819.25	857.41	840.24	2.30	ppb
Molybdenum	98-1	834.86	824.69	838.47	832.67	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.11	96.60	95.27	96.66	1.47	ppb
Phosphorus	31-2	1463.24	1553.88	1553.85	1523.66	3.43	ppb
Potassium	39-2	6116.62	5813.38	5832.94	5920.98	2.87	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	82-1	96.44	97.39	98.25	97.36	0.93	ppb
Selenium	77-2	112.17	101.69	105.60	106.49	4.98	ppb
Selenium	78-2	94.24	95.24	93.29	94.26	1.04	ppb
Silicon	28-1	3039.97	2948.50	3048.37	3012.28	1.84	ppb
Silver	107-1	57.53	53.95	58.26	56.58	4.08	ppb
Silver	109-1	58.06	54.38	55.36	55.93	3.41	ppb
Sodium	23-2	11487.78	11144.10	11083.01	11238.30	1.94	ppb
Strontium	86-1	973.49	962.64	932.95	956.36	2.19	ppb
Strontium	88-1	947.02	955.09	944.78	948.96	0.57	ppb
Sulfur	34-1	154348.35	151142.23	155347.98	153612.85	1.43	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	92.51	93.02	90.09	91.87	1.71	ppb
Thallium	205-1	94.64	94.20	95.91	94.91	0.94	ppb
Tin	118-1	99.22	98.23	99.82	99.09	0.81	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	919.86	923.56	926.09	923.17	0.34	ppb
Uranium	238-1	95.45	92.67	94.62	94.24	1.51	ppb
Vanadium	51-2	111.60	106.83	106.06	108.16	2.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	1202.40	1195.86	1189.97	1196.08	0.52	ppb
Zirconium	90-1	92.04	92.37	92.74	92.38	0.38	ppb
Zirconium	91-1	91.43	89.13	91.26	90.61	1.41	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50766.54	49414.09	50391.85	50190.83	1.39	ppb
Antimony	121-1	479.78	474.96	489.13	481.29	1.50	ppb
Arsenic	75-2	484.91	485.11	482.70	484.24	0.28	ppb
Barium	135-1	2419.40	2384.22	2491.30	2431.64	2.24	ppb
Barium	137-1	2461.77	2377.30	2415.05	2418.04	1.75	ppb
Beryllium	9-1	493.25	488.60	477.80	486.55	1.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	464.32	501.81	508.37	491.50	4.84	ppb
Boron	11-1	495.05	516.52	532.54	514.70	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	492.08	486.43	492.32	490.27	0.68	ppb
Cadmium	106-1	489.61	471.26	490.77	483.88	2.26	ppb
Cadmium	108-1	491.67	479.39	492.56	487.87	1.51	ppb
Calcium	43-1	242583.38	243851.02	251435.70	245956.70	1.95	ppb
Calcium	44-1	238568.69	244103.96	251301.29	244657.98	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.94	477.88	473.15	474.66	0.59	ppb
Cobalt	59-2	466.57	463.87	467.00	465.81	0.36	ppb
Copper	63-2	4786.48	4698.95	4801.20	4762.21	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	127737.68	125430.98	128923.28	127363.98	1.39	ppb
Iron	56-2	127044.43	129029.61	130297.74	128790.59	1.27	ppb
Iron	57-2	128312.87	126855.77	128005.93	127724.86	0.60	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2439.88	2472.94	2518.13	2476.98	1.59	ppb
Lead	207-1	2458.67	2398.34	2533.60	2463.54	2.75	ppb
Lead	208-1	2475.36	2447.99	2526.79	2483.38	1.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	254479.67	256735.52	262420.74	257878.64	1.59	ppb
Manganese	55-2	4778.29	4822.07	4871.98	4824.11	0.97	ppb
Molybdenum	94-1	2458.27	2421.92	2506.80	2462.33	1.73	ppb
Molybdenum	95-1	2413.76	2434.02	2453.14	2433.64	0.81	ppb
Molybdenum	96-1	2474.04	2463.42	2498.20	2478.55	0.72	ppb
Molybdenum	97-1	2421.97	2439.80	2460.85	2440.87	0.80	ppb
Molybdenum	98-1	2411.50	2428.77	2466.45	2435.57	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.02	464.41	476.59	470.67	1.30	ppb
Phosphorus	31-2	9328.73	9233.50	9156.84	9239.69	0.93	ppb
Potassium	39-2	124537.24	125190.14	126154.30	125293.89	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	479.51	483.23	497.56	486.76	1.96	ppb
Selenium	77-2	505.72	477.39	497.84	493.65	2.96	ppb
Selenium	78-2	470.11	474.62	469.50	471.41	0.59	ppb
Silicon	28-1	551.58	555.63	607.36	571.52	5.44	ppb
Silver	107-1	501.34	488.04	507.92	499.10	2.03	ppb
Silver	109-1	503.87	484.29	488.68	492.28	2.09	ppb
Sodium	23-2	263634.01	259881.16	258194.19	260569.79	1.07	ppb
Strontium	86-1	4944.00	4940.29	4972.09	4952.13	0.35	ppb
Strontium	88-1	4888.77	4894.83	4998.11	4927.24	1.25	ppb
Sulfur	34-1	8988.80	8101.63	9288.44	8792.95	7.02	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	507.04	518.04	525.88	516.99	1.83	ppb
Thallium	205-1	493.75	510.03	513.21	505.66	2.06	ppb
Tin	118-1	491.37	482.20	497.88	490.48	1.61	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2444.82	2456.81	2460.02	2453.88	0.33	ppb
Uranium	238-1	510.41	507.16	508.44	508.67	0.32	ppb
Vanadium	51-2	476.87	473.60	480.56	477.01	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	4762.11	4631.56	4661.26	4684.98	1.46	ppb
Zirconium	90-1	493.81	476.00	502.80	490.87	2.78	ppb
Zirconium	91-1	490.86	485.64	511.18	495.89	2.72	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:54:40	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	-0.09	0.15	0.10	170.02	ppb
Antimony	121-1	-0.04	-0.03	-0.03	-0.03		ppb
Arsenic	75-2	-0.10	-0.10	-0.10	-0.10		ppb
Barium	135-1	0.02	0.02	0.00	0.01	114.40	ppb
Barium	137-1	-0.01	0.02	0.00	0.00	400.93	ppb
Beryllium	9-1	-0.09	-0.09	-0.09	-0.09		ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	5.29	5.17	5.34	5.27	1.68	ppb
Boron	11-1	5.89	5.80	5.69	5.79	1.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-6.59	-5.35	-4.56	-5.50		ppb
Cadmium	108-1	-1.99	-2.07	-1.85	-1.97		ppb
Calcium	43-1	-0.30	-0.46	-0.63	-0.47		ppb
Calcium	44-1	-2.49	-2.56	-2.64	-2.56		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	283.25	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	-0.01	0.00	304.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	-0.71	-0.23	0.25	-0.23		ppb
Iron	56-2	-0.21	-0.30	-0.26	-0.26		ppb
Iron	57-2	0.50	-0.19	0.52	0.28	145.70	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:54:40	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	0.01	0.01	0.00	0.00	140.73	ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.17	-0.07	-0.68	-0.20		ppb
Manganese	55-2	0.02	0.02	0.01	0.02	38.04	ppb
Molybdenum	94-1	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.05	-0.04	-0.04	-0.05		ppb
Molybdenum	97-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	98-1	-0.03	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	-0.06	-0.05		ppb
Phosphorus	31-2	-11.62	-7.13	5.39	-4.45		ppb
Potassium	39-2	0.19	-0.47	-2.82	-1.03		ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.12	0.20	-0.13	0.06	269.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	0.06	-0.32	-0.04		ppb
Silicon	28-1	-1.82	-1.58	-2.18	-1.86		ppb
Silver	107-1	0.02	0.01	0.02	0.02	33.51	ppb
Silver	109-1	0.02	0.01	0.01	0.01	16.30	ppb
Sodium	23-2	10.77	11.01	7.95	9.91	17.16	ppb
Strontium	86-1	-0.05	-0.05	-0.03	-0.05		ppb
Strontium	88-1	-0.02	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1185.73	-1172.97	-1180.87	-1179.86		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.06	-0.03	-0.04	-0.04		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:54:40	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.02	-0.01	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.03	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	-0.33	-0.22	-0.21	-0.25		ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	334.69	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	366.15	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.14	3.18	3.25	3.19	1.83	ppb
Antimony	121-1	-0.04	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	-0.10	-0.10	-0.07	-0.09		ppb
Barium	135-1	0.26	0.15	0.24	0.22	25.09	ppb
Barium	137-1	0.21	0.24	0.20	0.21	10.35	ppb
Beryllium	9-1	-0.09	-0.09	-0.09	-0.09		ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	1.43	1.22	1.39	1.35	8.45	ppb
Boron	11-1	1.73	1.44	1.55	1.57	9.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-6.09	-5.46	-6.69	-6.08		ppb
Cadmium	108-1	-1.89	-1.92	-1.81	-1.87		ppb
Calcium	43-1	20.51	21.23	23.81	21.85	7.93	ppb
Calcium	44-1	16.06	18.88	19.26	18.06	9.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.23	0.25	0.23	6.11	ppb
Cobalt	59-2	-0.01	-0.01	0.02	0.00		ppb
Copper	63-2	0.06	0.08	0.56	0.23	121.83	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				106		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	2.00	1.86	5.54	3.13	66.53	ppb
Iron	56-2	1.37	1.34	14.27	5.66	131.80	ppb
Iron	57-2	2.14	2.39	14.35	6.29	110.85	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	26.04	ppb
Lead	207-1	0.04	0.07	0.05	0.05	22.28	ppb
Lead	208-1	0.04	0.06	0.04	0.05	26.96	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.70	2.62	2.37	2.56	6.84	ppb
Manganese	55-2	0.07	0.09	0.41	0.19	102.50	ppb
Molybdenum	94-1	0.01	-0.03	0.02	0.00		ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.03	-0.04	-0.03	-0.03		ppb
Molybdenum	97-1	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	98-1	-0.04	-0.04	-0.03	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.09	0.05	60.65	ppb
Phosphorus	31-2	-18.42	-5.91	-5.44	-9.92		ppb
Potassium	39-2	-1.89	-2.71	2.54	-0.69		ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	0.13	0.48	0.10	0.23	91.56	ppb
Selenium	77-2	0.00	0.47	0.00	0.16	173.21	ppb
Selenium	78-2	0.38	0.00	-0.21	0.06	544.04	ppb
Silicon	28-1	5.81	6.99	7.42	6.74	12.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.55	ppb
Silver	109-1	0.01	0.00	0.00	0.01	55.62	ppb
Sodium	23-2	45.62	46.61	48.67	46.97	3.31	ppb
Strontium	86-1	0.03	0.03	0.00	0.02	70.19	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	21.70	ppb
Sulfur	34-1	-958.39	-740.29	-882.24	-860.30		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.07	-0.06	-0.05	-0.06		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.04	0.03	0.03	62.74	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1.26	1.11	1.78	1.38	25.35	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	53.02	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	3.24	2.79	3.14	10.12	ppb
Antimony	121-1	-0.05	-0.04	-0.05	-0.05		ppb
Arsenic	75-2	-0.10	-0.08	-0.10	-0.10		ppb
Barium	135-1	0.18	0.22	0.20	0.20	11.23	ppb
Barium	137-1	0.24	0.20	0.20	0.22	11.75	ppb
Beryllium	9-1	-0.09	-0.09	-0.09	-0.09		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	1.25	1.47	1.28	1.33	9.15	ppb
Boron	11-1	1.54	1.60	1.57	1.57	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.04	-0.05	-0.04		ppb
Cadmium	106-1	-3.69	-4.39	-5.62	-4.57		ppb
Cadmium	108-1	-1.84	-1.74	-1.79	-1.79		ppb
Calcium	43-1	17.60	16.75	17.96	17.44	3.55	ppb
Calcium	44-1	15.07	15.13	15.89	15.36	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.23	0.21	0.22	5.23	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.07	0.06	0.05	0.06	15.61	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				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	1.59	0.69	1.17	1.15	39.11	ppb
Iron	56-2	1.21	1.22	1.13	1.19	4.24	ppb
Iron	57-2	1.32	1.99	2.12	1.81	23.61	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	13.52	ppb
Lead	207-1	0.05	0.04	0.04	0.04	14.83	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.09	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.58	2.96	2.44	2.66	10.25	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	15.84	ppb
Molybdenum	94-1	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	-0.03	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.04	-0.03	-0.04	-0.04		ppb
Molybdenum	97-1	-0.03	-0.03	-0.04	-0.03		ppb
Molybdenum	98-1	-0.04	-0.04	-0.05	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.00	-0.01		ppb
Phosphorus	31-2	0.60	10.00	7.24	5.95	81.31	ppb
Potassium	39-2	3.24	1.77	-2.79	0.74	425.12	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.37	-0.12	-0.14	0.04	762.50	ppb
Selenium	77-2	0.00	0.00	0.48	0.16	173.21	ppb
Selenium	78-2	0.30	0.08	0.40	0.26	62.12	ppb
Silicon	28-1	7.46	7.69	7.58	7.58	1.51	ppb
Silver	107-1	0.00	0.01	0.00	0.00	17.49	ppb
Silver	109-1	0.00	0.00	0.00	0.00	42.25	ppb
Sodium	23-2	47.03	46.37	44.29	45.90	3.12	ppb
Strontium	86-1	-0.03	-0.03	-0.01	-0.02		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	10.39	ppb
Sulfur	34-1	-861.26	-850.79	-823.33	-845.12		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
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	-0.07	-0.07	-0.06	-0.07		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.06	0.03	0.04	41.59	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.84	0.54	0.69	0.69	22.14	ppb
Zirconium	90-1	-0.01	0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	189.27	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.46	1.16	1.25	14.98	ppb
Antimony	121-1	-0.04	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	-0.11	-0.10	-0.10	-0.10		ppb
Barium	135-1	0.03	0.03	0.08	0.05	56.72	ppb
Barium	137-1	0.03	0.03	0.03	0.03	11.50	ppb
Beryllium	9-1	-0.10	-0.10	-0.09	-0.10		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	0.88	0.81	0.84	0.84	4.55	ppb
Boron	11-1	1.02	0.93	0.95	0.97	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-4.13	-5.35	-5.46	-4.98		ppb
Cadmium	108-1	-1.87	-1.76	-1.91	-1.85		ppb
Calcium	43-1	4.36	4.05	4.63	4.35	6.67	ppb
Calcium	44-1	1.03	0.56	-0.06	0.51	107.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.04	0.04	1.17	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.06	0.05	0.05	14.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	-0.52	-0.22	-0.85	-0.53		ppb
Iron	56-2	-0.17	-0.04	0.00	-0.07		ppb
Iron	57-2	0.73	0.32	-0.37	0.23	244.46	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.01	-0.02		ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.02	-0.02		ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.17	-0.36	0.26	-0.09		ppb
Manganese	55-2	0.00	0.00	-0.02	0.00		ppb
Molybdenum	94-1	-0.04	-0.03	-0.01	-0.03		ppb
Molybdenum	95-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.05	-0.04	-0.05	-0.05		ppb
Molybdenum	97-1	-0.04	-0.04	-0.05	-0.04		ppb
Molybdenum	98-1	-0.05	-0.05	-0.05	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	-3.14	-3.62	8.99	0.75	958.23	ppb
Potassium	39-2	-3.32	-3.86	-2.19	-3.12		ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.32	0.17	0.48	0.32	47.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	-0.10	-0.13	-0.17		ppb
Silicon	28-1	0.72	0.70	0.87	0.76	11.86	ppb
Silver	107-1	0.01	0.00	0.00	0.00	20.27	ppb
Silver	109-1	0.00	0.00	0.00	0.00	70.71	ppb
Sodium	23-2	11.37	12.77	11.81	11.99	5.96	ppb
Strontium	86-1	-0.04	-0.06	0.00	-0.03		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-779.11	-1005.10	-1117.95	-967.39		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.01	0.02	0.02	42.40	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.06	0.25	0.22	0.18	57.85	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	38.49	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10062.88	10051.14	9844.68	9986.23	1.23	ppb
Antimony	121-1	501.91	485.13	476.25	487.76	2.67	ppb
Arsenic	75-2	482.60	483.49	478.43	481.51	0.56	ppb
Barium	135-1	2584.60	2523.71	2479.48	2529.26	2.09	ppb
Barium	137-1	2552.45	2490.34	2446.36	2496.39	2.14	ppb
Beryllium	9-1	490.30	490.46	481.27	487.35	1.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	445.51	451.97	471.86	456.45	3.01	ppb
Boron	11-1	458.71	467.35	499.04	475.04	4.47	ppb
Bromine	81-1						cps
Cadmium	111-1	499.80	491.87	474.61	488.76	2.63	ppb
Cadmium	106-1	504.07	482.28	471.59	485.98	3.41	ppb
Cadmium	108-1	520.37	489.76	485.12	498.41	3.84	ppb
Calcium	43-1	83274.97	82895.13	82254.33	82808.14	0.62	ppb
Calcium	44-1	68097.31	67734.70	65761.45	67197.82	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.47	485.30	479.39	488.05	2.11	ppb
Cobalt	59-2	491.20	506.32	475.18	490.90	3.17	ppb
Copper	63-2	5411.80	5531.37	5306.37	5416.51	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	28253.62	27885.32	27453.21	27864.05	1.44	ppb
Iron	56-2	28074.46	27674.53	27112.11	27620.37	1.75	ppb
Iron	57-2	28090.08	28152.72	26890.84	27711.21	2.57	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.50	2445.79	2417.25	2455.18	1.77	ppb
Lead	207-1	2540.87	2410.74	2446.95	2466.19	2.72	ppb
Lead	208-1	2514.12	2421.73	2426.00	2453.95	2.13	ppb
Lithium	6-1				108		%
Magnesium	24-2	53190.54	52144.71	52191.95	52509.07	1.12	ppb
Manganese	55-2	5257.01	5121.07	5120.68	5166.25	1.52	ppb
Molybdenum	94-1	3947.83	3949.63	3855.31	3917.59	1.38	ppb
Molybdenum	95-1	4550.39	4605.07	4362.91	4506.12	2.82	ppb
Molybdenum	96-1	4468.60	4557.15	4349.69	4458.48	2.33	ppb
Molybdenum	97-1	4608.43	4584.27	4424.69	4539.13	2.20	ppb
Molybdenum	98-1	4674.34	4599.26	4352.80	4542.13	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.07	473.97	456.19	465.08	1.91	ppb
Phosphorus	31-2	-13.36	-0.87	-1.51	-5.24		ppb
Potassium	39-2	25962.28	25460.07	25214.62	25545.66	1.49	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	501.86	496.56	480.27	492.90	2.28	ppb
Selenium	77-2	472.58	472.29	443.19	462.68	3.65	ppb
Selenium	78-2	466.11	467.50	464.50	466.04	0.32	ppb
Silicon	28-1	498.26	513.23	511.99	507.83	1.64	ppb
Silver	107-1	499.40	494.42	487.51	493.77	1.21	ppb
Silver	109-1	498.89	482.80	475.70	485.80	2.45	ppb
Sodium	23-2	53607.76	52219.77	52510.46	52779.33	1.39	ppb
Strontium	86-1	44024.51	43707.83	41429.48	43053.94	3.29	ppb
Strontium	88-1	43811.06	43800.38	41649.91	43087.11	2.89	ppb
Sulfur	34-1	-1680.89	-1893.39	-2117.99	-1897.42		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	493.12	480.36	478.37	483.95	1.65	ppb
Thallium	205-1	495.92	473.04	464.26	477.74	3.42	ppb
Tin	118-1	523.55	487.03	490.58	500.39	4.02	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4404.26	4531.26	4502.57	4479.36	1.49	ppb
Uranium	238-1	492.51	474.01	465.05	477.19	2.93	ppb
Vanadium	51-2	503.61	475.76	467.55	482.30	3.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	5297.25	5330.80	5224.70	5284.25	1.03	ppb
Zirconium	90-1	491.04	480.28	484.20	485.17	1.12	ppb
Zirconium	91-1	488.24	487.11	478.59	484.65	1.09	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9902.33	9942.32	9889.41	9911.36	0.28	ppb
Antimony	121-1	488.38	484.37	475.22	482.65	1.40	ppb
Arsenic	75-2	482.83	478.95	482.87	481.55	0.47	ppb
Barium	135-1	2517.14	2444.81	2445.07	2469.01	1.69	ppb
Barium	137-1	2543.18	2470.03	2470.57	2494.59	1.69	ppb
Beryllium	9-1	477.53	490.69	478.82	482.35	1.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	486.00	505.61	505.58	499.06	2.27	ppb
Boron	11-1	505.23	509.63	508.87	507.91	0.46	ppb
Bromine	81-1						cps
Cadmium	111-1	500.12	490.09	493.38	494.53	1.03	ppb
Cadmium	106-1	486.54	480.75	467.15	478.15	2.08	ppb
Cadmium	108-1	509.67	502.83	490.09	500.86	1.98	ppb
Calcium	43-1	89572.17	91186.42	90801.09	90519.90	0.93	ppb
Calcium	44-1	73896.83	74410.35	74313.86	74207.02	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.59	489.67	479.03	483.76	1.12	ppb
Cobalt	59-2	487.27	476.98	487.18	483.81	1.22	ppb
Copper	63-2	5395.12	5392.43	5474.95	5420.83	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				111		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	27712.67	27436.88	27016.55	27388.70	1.28	ppb
Iron	56-2	27412.84	27773.39	27388.02	27524.75	0.78	ppb
Iron	57-2	27208.51	27433.81	27339.97	27327.43	0.41	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2506.84	2412.98	2517.61	2479.14	2.32	ppb
Lead	207-1	2517.51	2413.14	2482.22	2470.96	2.15	ppb
Lead	208-1	2490.69	2408.38	2497.89	2465.65	2.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	52844.23	51720.47	50569.75	51711.48	2.20	ppb
Manganese	55-2	5222.53	5104.43	5076.93	5134.63	1.51	ppb
Molybdenum	94-1	3902.80	3953.59	3887.11	3914.50	0.89	ppb
Molybdenum	95-1	4485.48	4591.45	4448.53	4508.49	1.65	ppb
Molybdenum	96-1	4383.52	4613.64	4406.48	4467.88	2.84	ppb
Molybdenum	97-1	4506.24	4747.83	4439.45	4564.51	3.55	ppb
Molybdenum	98-1	4540.29	4718.44	4421.74	4560.16	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.01	458.68	464.85	459.51	1.08	ppb
Phosphorus	31-2	-3.89	-16.06	-14.71	-11.55		ppb
Potassium	39-2	25103.89	25358.93	25542.56	25335.13	0.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	492.39	496.06	489.06	492.51	0.71	ppb
Selenium	77-2	471.01	470.33	465.55	468.96	0.63	ppb
Selenium	78-2	468.61	458.89	460.65	462.71	1.12	ppb
Silicon	28-1	491.67	505.43	522.10	506.40	3.01	ppb
Silver	107-1	487.17	494.85	479.81	487.28	1.54	ppb
Silver	109-1	505.10	499.68	476.93	493.90	3.03	ppb
Sodium	23-2	51437.30	53522.01	51304.79	52088.03	2.39	ppb
Strontium	86-1	41825.18	43235.63	42953.89	42671.57	1.75	ppb
Strontium	88-1	42074.96	43364.97	42171.13	42537.02	1.69	ppb
Sulfur	34-1	-2359.67	-2325.48	-2489.13	-2391.42		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	499.63	487.05	498.22	494.97	1.39	ppb
Thallium	205-1	494.30	477.60	494.88	488.93	2.01	ppb
Tin	118-1	508.84	496.63	495.26	500.24	1.49	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4533.07	4465.16	4371.54	4456.59	1.82	ppb
Uranium	238-1	482.46	469.63	473.16	475.08	1.40	ppb
Vanadium	51-2	482.46	482.36	474.80	479.88	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	5283.62	5232.24	5105.53	5207.13	1.76	ppb
Zirconium	90-1	488.82	484.07	487.78	486.89	0.51	ppb
Zirconium	91-1	490.99	492.79	494.64	492.81	0.37	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10084.51	9867.72	9945.62	9965.95	1.10	ppb
Antimony	121-1	485.68	496.39	494.66	492.24	1.17	ppb
Arsenic	75-2	495.87	489.75	480.75	488.79	1.56	ppb
Barium	135-1	2506.63	2562.19	2605.65	2558.16	1.94	ppb
Barium	137-1	2540.50	2617.91	2592.86	2583.76	1.53	ppb
Beryllium	9-1	487.45	490.51	493.19	490.38	0.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	484.29	500.77	528.98	504.68	4.48	ppb
Boron	11-1	513.53	509.41	549.89	524.28	4.25	ppb
Bromine	81-1						cps
Cadmium	111-1	487.84	514.15	492.28	498.09	2.83	ppb
Cadmium	106-1	483.98	492.76	498.70	491.81	1.51	ppb
Cadmium	108-1	498.83	512.68	507.47	506.33	1.38	ppb
Calcium	43-1	85923.35	86976.25	86730.71	86543.44	0.64	ppb
Calcium	44-1	69369.53	70288.25	71542.49	70400.09	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.78	484.60	489.47	490.61	1.36	ppb
Cobalt	59-2	494.92	488.94	477.57	487.14	1.81	ppb
Copper	63-2	5401.52	5287.23	5495.34	5394.70	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	28067.93	26918.35	27089.19	27358.49	2.27	ppb
Iron	56-2	27509.36	26877.04	27114.18	27166.86	1.18	ppb
Iron	57-2	28037.76	27550.68	27424.79	27671.08	1.17	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2451.64	2417.35	2495.95	2454.98	1.61	ppb
Lead	207-1	2444.46	2455.94	2500.48	2466.96	1.20	ppb
Lead	208-1	2480.45	2465.87	2489.69	2478.67	0.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	54422.08	52029.11	51553.80	52668.33	2.92	ppb
Manganese	55-2	5215.16	5035.36	5046.38	5098.97	1.98	ppb
Molybdenum	94-1	3875.85	3983.53	3859.61	3906.33	1.72	ppb
Molybdenum	95-1	4526.88	4619.41	4446.47	4530.92	1.91	ppb
Molybdenum	96-1	4495.48	4542.12	4420.44	4486.02	1.37	ppb
Molybdenum	97-1	4522.21	4641.31	4481.33	4548.29	1.83	ppb
Molybdenum	98-1	4556.24	4795.46	4503.18	4618.29	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.68	459.98	460.16	461.94	0.70	ppb
Phosphorus	31-2	9.83	-12.38	8.14	1.86	663.65	ppb
Potassium	39-2	26008.20	25799.19	25590.39	25799.26	0.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	496.05	505.53	491.75	497.78	1.42	ppb
Selenium	77-2	496.39	460.68	469.72	475.60	3.90	ppb
Selenium	78-2	478.58	464.64	469.23	470.82	1.51	ppb
Silicon	28-1	485.63	516.96	537.80	513.46	5.11	ppb
Silver	107-1	489.53	502.16	506.35	499.35	1.75	ppb
Silver	109-1	494.54	492.52	498.90	495.32	0.66	ppb
Sodium	23-2	54726.29	52312.96	51819.06	52952.77	2.94	ppb
Strontium	86-1	42500.16	43369.01	42881.78	42916.98	1.01	ppb
Strontium	88-1	43708.95	44249.48	42817.68	43592.03	1.66	ppb
Sulfur	34-1	-2590.71	-2542.77	-2548.48	-2560.65		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	508.98	491.46	490.05	496.83	2.12	ppb
Thallium	205-1	492.79	481.80	490.65	488.41	1.19	ppb
Tin	118-1	518.82	515.43	511.70	515.32	0.69	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4416.16	4588.38	4605.47	4536.67	2.31	ppb
Uranium	238-1	487.24	481.30	481.32	483.29	0.71	ppb
Vanadium	51-2	501.43	485.17	485.37	490.66	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	5204.18	5220.13	5312.16	5245.49	1.11	ppb
Zirconium	90-1	481.20	493.86	486.60	487.22	1.30	ppb
Zirconium	91-1	480.03	504.97	495.67	493.56	2.55	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49684.41	50176.59	51524.64	50461.88	1.89	ppb
Antimony	121-1	475.78	488.96	466.47	477.07	2.37	ppb
Arsenic	75-2	465.39	468.56	468.46	467.47	0.39	ppb
Barium	135-1	2418.20	2493.56	2403.00	2438.25	1.99	ppb
Barium	137-1	2458.25	2476.86	2389.84	2441.65	1.88	ppb
Beryllium	9-1	479.45	474.26	480.60	478.10	0.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	475.03	503.30	513.54	497.29	4.01	ppb
Boron	11-1	505.19	535.40	530.23	523.61	3.09	ppb
Bromine	81-1						cps
Cadmium	111-1	489.05	490.23	469.71	483.00	2.39	ppb
Cadmium	106-1	490.78	492.19	458.25	480.41	4.00	ppb
Cadmium	108-1	474.82	490.35	475.94	480.37	1.80	ppb
Calcium	43-1	240567.64	249080.54	249166.35	246271.51	2.01	ppb
Calcium	44-1	240400.78	249635.91	247597.05	245877.92	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.60	482.44	470.57	474.20	1.51	ppb
Cobalt	59-2	459.28	467.53	453.83	460.22	1.50	ppb
Copper	63-2	4757.88	4700.81	4748.98	4735.89	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	127478.26	127023.62	128218.78	127573.55	0.47	ppb
Iron	56-2	127351.30	125725.14	129563.59	127546.68	1.51	ppb
Iron	57-2	125111.24	127949.66	125140.66	126067.18	1.29	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2481.41	2502.33	2490.61	2491.45	0.42	ppb
Lead	207-1	2425.88	2453.21	2441.42	2440.17	0.56	ppb
Lead	208-1	2429.24	2457.90	2449.25	2445.46	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	251726.37	254658.71	252716.02	253033.70	0.59	ppb
Manganese	55-2	4838.20	4815.84	4782.40	4812.14	0.58	ppb
Molybdenum	94-1	2414.38	2505.40	2514.47	2478.08	2.23	ppb
Molybdenum	95-1	2387.05	2455.63	2499.37	2447.35	2.31	ppb
Molybdenum	96-1	2367.09	2450.96	2583.03	2467.03	4.41	ppb
Molybdenum	97-1	2397.07	2425.84	2595.35	2472.75	4.33	ppb
Molybdenum	98-1	2421.56	2436.19	2571.24	2476.33	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.80	469.30	466.38	466.16	0.70	ppb
Phosphorus	31-2	9206.72	9270.57	9225.47	9234.25	0.36	ppb
Potassium	39-2	125530.41	126385.81	122225.40	124713.87	1.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	478.07	479.48	490.36	482.64	1.39	ppb
Selenium	77-2	428.92	465.25	446.64	446.94	4.07	ppb
Selenium	78-2	450.27	453.75	457.71	453.91	0.82	ppb
Silicon	28-1	558.48	581.78	584.69	574.99	2.50	ppb
Silver	107-1	490.53	516.04	473.99	493.52	4.29	ppb
Silver	109-1	496.75	496.28	507.19	500.07	1.23	ppb
Sodium	23-2	259876.58	261171.73	257452.14	259500.15	0.73	ppb
Strontium	86-1	4973.08	4951.63	4978.04	4967.58	0.28	ppb
Strontium	88-1	4801.89	4981.26	4978.07	4920.41	2.09	ppb
Sulfur	34-1	8368.40	8370.33	8443.10	8393.94	0.51	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	490.58	511.39	498.79	500.25	2.09	ppb
Thallium	205-1	500.14	509.13	488.87	499.38	2.03	ppb
Tin	118-1	475.91	493.61	467.07	478.86	2.82	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2467.06	2469.48	2457.54	2464.69	0.26	ppb
Uranium	238-1	503.94	511.10	493.62	502.89	1.75	ppb
Vanadium	51-2	483.97	484.44	483.96	484.12	0.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	4624.58	4622.96	4650.15	4632.56	0.33	ppb
Zirconium	90-1	483.82	496.53	498.74	493.03	1.63	ppb
Zirconium	91-1	483.84	504.01	498.96	495.60	2.12	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:57:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.01	-0.18	0.03	793.69	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00		ppb
Arsenic	75-2	-0.09	-0.09	-0.10	-0.09		ppb
Barium	135-1	0.04	0.07	0.04	0.05	38.62	ppb
Barium	137-1	0.04	0.05	0.06	0.05	20.52	ppb
Beryllium	9-1	-0.08	-0.09	-0.08	-0.08		ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	12.99	12.94	13.63	13.19	2.90	ppb
Boron	11-1	14.45	14.17	14.74	14.45	1.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.04	-0.05	-0.05		ppb
Cadmium	106-1	-6.66	-5.88	-6.06	-6.20		ppb
Cadmium	108-1	-1.82	-1.71	-1.58	-1.70		ppb
Calcium	43-1	-1.15	-0.48	1.06	-0.19		ppb
Calcium	44-1	-4.45	-5.06	-3.72	-4.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.07	0.06	0.05	0.06	14.83	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				110		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	0.48	-0.49	0.08	0.03	1868.57	ppb
Iron	56-2	0.13	0.19	0.33	0.22	46.66	ppb
Iron	57-2	0.14	0.81	0.18	0.38	100.31	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:57:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.08	0.07	28.31	ppb
Lead	207-1	0.12	0.10	0.10	0.11	10.27	ppb
Lead	208-1	0.08	0.07	0.07	0.08	7.55	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.72	0.57	0.24	0.51	48.21	ppb
Manganese	55-2	0.04	0.06	0.08	0.06	30.97	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	-0.04	-0.03		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.03	-0.03	-0.02	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-15.35	2.39	-6.42	-6.46		ppb
Potassium	39-2	3.15	1.67	2.08	2.30	33.15	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	0.15	0.59	0.23	0.32	73.37	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	-0.18	0.07	0.08	322.42	ppb
Silicon	28-1	-1.84	-1.44	-1.27	-1.52		ppb
Silver	107-1	0.02	0.01	0.01	0.01	28.69	ppb
Silver	109-1	0.01	0.02	0.01	0.01	33.10	ppb
Sodium	23-2	16.77	12.07	11.71	13.52	20.89	ppb
Strontium	86-1	0.02	-0.05	-0.01	-0.01		ppb
Strontium	88-1	0.04	0.02	0.04	0.03	26.67	ppb
Sulfur	34-1	-1784.35	-1804.36	-1677.07	-1755.26		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.41	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.31	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:57:22	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.04	-0.02	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-0.26	-0.09	-0.19	-0.18		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	36.49	ppb

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	215	236	225	4.71	cps
Antimony	121-1	558	467	583	536	11.46	cps
Arsenic	75-2	37	37	38	37	1.55	cps
Barium	135-1	200	200	192	197	2.44	cps
Barium	137-1	317	342	358	339	6.19	cps
Beryllium	9-1	452	402	426	427	5.86	cps
Bismuth	209-1	13274621	13413584	13477846	13388684	0.78	cps
Bismuth	209-2	6734139	6762918	6747129	6748062	0.21	cps
Boron	10-1	690	718	814	741	8.78	cps
Boron	11-1	3228	3246	3282	3252	0.85	cps
Bromine	81-1	7820	8051	7820	7897	1.68	cps
Cadmium	111-1	1054	908	930	964	8.18	cps
Cadmium	106-1	10821	10029	10229	10360	3.98	cps
Cadmium	108-1	463	475	496	478	3.52	cps
Calcium	43-1	540	475	550	522	7.81	cps
Calcium	44-1	33384	33703	34291	33793	1.36	cps
Carbon	12-1	6622198	6672687	6630495	6641793	0.41	cps
Carbon	12-2	68033	67313	68828	68058	1.11	cps
Chlorine	35-1	223826	224277	224819	224307	0.22	cps
Chlorine	35-2	1767	1467	1658	1631	9.32	cps
Chromium	52-2	1243	1123	1217	1195	5.28	cps
Cobalt	59-2	240	233	183	219	14.15	cps
Copper	63-2	917	877	943	912	3.68	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	175	100	133	136	27.61	cps
Erbium	164-2	63	67	70	67	5.00	cps
Gadolinium	160-1	267	275	275	272	1.77	cps
Gadolinium	160-2	133	90	100	108	21.06	cps
Holmium	165-1	20889415	21045223	21102761	21012466	0.53	cps
Holmium	165-2	9112802	9027463	9131606	9090624	0.61	cps
Indium	115-1	18194484	17897740	18467469	18186564	1.57	cps
Indium	115-2	2774789	2642171	2708608	2708523	2.45	cps
Iron	54-2	494	539	467	500	7.29	cps
Iron	56-2	4873	4879	5101	4951	2.63	cps
Iron	57-2	111	100	144	119	19.52	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1130	1057	973	1053	7.44	cps
Lead	206-1	1061	1100	956	1039	7.19	cps
Lead	207-1	822	833	850	835	1.67	cps
Lead	208-1	3878	4045	4161	4028	3.54	cps
Lithium	6-1	11077755	10875789	10987753	10980432	0.92	cps
Magnesium	24-2	500	483	625	536	14.44	cps
Manganese	55-2	137	110	87	111	22.52	cps
Molybdenum	94-1	692	658	733	694	5.41	cps
Molybdenum	95-1	325	208	292	275	21.85	cps
Molybdenum	96-1	567	458	450	492	13.24	cps
Molybdenum	97-1	125	175	217	172	26.65	cps
Molybdenum	98-1	567	525	475	522	8.79	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	113	147	134	13.66	cps
Phosphorus	31-2	250	267	217	244	10.42	cps
Potassium	39-2	16218	15467	15726	15804	2.41	cps
Rhodium	103-1	17322429	17767472	17827361	17639087	1.56	cps
Rhodium	103-2	8268430	8006221	8076792	8117148	1.67	cps
Scandium	45-1	13624139	13714635	14033939	13790905	1.56	cps
Scandium	45-2	457708	459360	462512	459860	0.53	cps
Selenium	82-1	-111	-54	65	-33	-271.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	26	35	32	15.58	cps
Silicon	28-1	319619	314616	321516	318584	1.12	cps
Silver	107-1	125	100	108	111	11.46	cps
Silver	109-1	42	33	58	44	28.64	cps
Sodium	23-2	27577	27284	27727	27529	0.82	cps
Strontium	86-1	1692	1783	1892	1789	5.60	cps
Strontium	88-1	1783	1708	1684	1725	3.02	cps
Sulfur	34-1	574203	574415	578925	575847	0.46	cps
Terbium	159-1	22354357	22897896	22419036	22557097	1.32	cps
Terbium	159-2	9071069	9072674	8967946	9037230	0.66	cps
Thallium	203-1	533	575	517	542	5.55	cps
Thallium	205-1	1142	1475	1042	1220	18.61	cps
Tin	118-1	1492	1583	1758	1611	8.41	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:29:15	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	225	225	236	8.15	cps
Uranium	238-1	792	717	550	686	18.03	cps
Vanadium	51-2	63	83	97	81	20.69	cps
Ytterbium	172-1	133	208	192	178	22.15	cps
Ytterbium	172-2	72	94	94	87	14.75	cps
Ytterbium	176-1	3367	3592	3542	3501	3.38	cps
Ytterbium	176-2	6346	6446	5968	6253	4.03	cps
Yttrium	89-1	28333374	28307584	28677526	28439495	0.73	cps
Yttrium	89-2	3087801	3005218	3047799	3046939	1.36	cps
Zinc	66-2	523	537	547	536	2.19	cps
Zirconium	90-1	1884	1925	1725	1845	5.72	cps
Zirconium	91-1	292	250	367	303	19.53	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2434	2244	2295	2324	4.23	cps
Antimony	121-1	19982	19999	20583	20188	1.70	cps
Arsenic	75-2	327	392	333	351	10.24	cps
Barium	135-1	25767	24373	25809	25316	3.23	cps
Barium	137-1	42827	43120	42785	42910	0.42	cps
Beryllium	9-1	4712	4666	4596	4658	1.25	cps
Bismuth	209-1	13271553	13570741	13527509	13456601	1.20	cps
Bismuth	209-2	6638598	6593479	6612441	6614839	0.34	cps
Boron	10-1	11780	12725	13283	12596	6.03	cps
Boron	11-1	52517	55782	59386	55895	6.15	cps
Bromine	81-1	8401	8291	7790	8161	3.99	cps
Cadmium	111-1	3830	3925	3737	3831	2.45	cps
Cadmium	106-1	10746	10729	10329	10602	2.23	cps
Cadmium	108-1	683	700	596	660	8.48	cps
Calcium	43-1	19877	19951	20228	20019	0.92	cps
Calcium	44-1	347663	347938	350245	348615	0.41	cps
Carbon	12-1	6829435	6795653	6894948	6840012	0.74	cps
Carbon	12-2	70042	68686	69339	69356	0.98	cps
Chlorine	35-1	238889	238109	239866	238955	0.37	cps
Chlorine	35-2	1667	1867	1675	1736	6.52	cps
Chromium	52-2	8809	8599	8713	8707	1.21	cps
Cobalt	59-2	6612	6698	6562	6624	1.04	cps
Copper	63-2	10604	10364	10254	10407	1.72	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	175	167	175	172	2.80	cps
Erbium	164-2	53	50	90	64	34.44	cps
Gadolinium	160-1	258	292	167	239	27.10	cps
Gadolinium	160-2	93	110	113	106	10.15	cps
Holmium	165-1	21050649	21194231	21371835	21205572	0.76	cps
Holmium	165-2	9130294	8873853	9093554	9032567	1.54	cps
Indium	115-1	17981213	18254590	18379475	18205093	1.12	cps
Indium	115-2	2712363	2650904	2676131	2679799	1.15	cps
Iron	54-2	8625	8241	8881	8582	3.75	cps
Iron	56-2	155117	152614	153186	153639	0.85	cps
Iron	57-2	3589	3734	3689	3671	2.02	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	1090	1090	1062	4.53	cps
Lead	206-1	8675	9031	8614	8773	2.57	cps
Lead	207-1	7602	7858	7841	7767	1.84	cps
Lead	208-1	34686	36143	35709	35512	2.11	cps
Lithium	6-1	10809030	10926231	10992959	10909407	0.85	cps
Magnesium	24-2	148585	149243	148788	148872	0.23	cps
Manganese	55-2	1837	1887	1913	1879	2.07	cps
Molybdenum	94-1	23788	24305	23554	23882	1.61	cps
Molybdenum	95-1	28730	28046	29624	28800	2.75	cps
Molybdenum	96-1	32647	32322	32221	32397	0.69	cps
Molybdenum	97-1	17987	16952	18705	17881	4.93	cps
Molybdenum	98-1	45292	44405	45935	45211	1.70	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1990	1913	2117	2007	5.12	cps
Phosphorus	31-2	308	250	283	281	10.43	cps
Potassium	39-2	112101	111764	112160	112008	0.19	cps
Rhodium	103-1	17697760	17490369	17566243	17584790	0.60	cps
Rhodium	103-2	8133168	7983852	8108472	8075164	0.99	cps
Scandium	45-1	13760950	13571594	13762816	13698453	0.80	cps
Scandium	45-2	465910	460281	462451	462881	0.61	cps
Selenium	82-1	1103	1055	1085	1081	2.24	cps
Selenium	77-2	60	23	60	48	44.31	cps
Selenium	78-2	139	133	151	141	6.50	cps
Silicon	28-1	427321	426226	426630	426726	0.13	cps
Silver	107-1	13398	13065	14608	13690	5.93	cps
Silver	109-1	13407	13248	13173	13276	0.90	cps
Sodium	23-2	314524	308833	311652	311670	0.91	cps
Strontium	86-1	6035	5693	5401	5710	5.55	cps
Strontium	88-1	36699	35638	35847	36061	1.56	cps
Sulfur	34-1	573908	566937	568396	569747	0.65	cps
Terbium	159-1	21749586	22248755	21995408	21997916	1.13	cps
Terbium	159-2	9204228	8849130	8704528	8919295	2.88	cps
Thallium	203-1	10546	10037	9954	10179	3.15	cps
Thallium	205-1	23998	24532	24532	24354	1.27	cps
Tin	118-1	46781	44490	46580	45950	2.76	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:32:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9704	9228	9428	9453	2.52	cps
Uranium	238-1	30404	31423	29761	30529	2.75	cps
Vanadium	51-2	14504	14514	14618	14545	0.43	cps
Ytterbium	172-1	167	150	150	156	6.18	cps
Ytterbium	172-2	28	50	67	48	40.52	cps
Ytterbium	176-1	3401	3409	3442	3417	0.65	cps
Ytterbium	176-2	5107	4857	4117	4694	10.96	cps
Yttrium	89-1	28734729	27906045	27999365	28213380	1.61	cps
Yttrium	89-2	3070022	2991152	3037079	3032751	1.31	cps
Zinc	66-2	1860	1967	1787	1871	4.84	cps
Zirconium	90-1	19481	20750	20749	20327	3.60	cps
Zirconium	91-1	4709	4167	4426	4434	6.11	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103572	104524	104159	104085	0.46	cps
Antimony	121-1	518497	524820	521639	521652	0.61	cps
Arsenic	75-2	16154	16568	16511	16411	1.37	cps
Barium	135-1	625649	634058	642492	634066	1.33	cps
Barium	137-1	1115511	1112565	1116270	1114782	0.18	cps
Beryllium	9-1	218938	216279	217250	217489	0.62	cps
Bismuth	209-1	13271123	13777973	13937574	13662223	2.55	cps
Bismuth	209-2	6722707	6705873	6884360	6770980	1.46	cps
Boron	10-1	25559	26054	27733	26449	4.31	cps
Boron	11-1	114867	120497	124957	120107	4.21	cps
Bromine	81-1	7940	7610	7650	7733	2.33	cps
Cadmium	111-1	142137	140709	140731	141193	0.58	cps
Cadmium	106-1	26126	25892	26401	26139	0.98	cps
Cadmium	108-1	11655	11884	11747	11762	0.98	cps
Calcium	43-1	216431	213911	211093	213812	1.25	cps
Calcium	44-1	3353638	3402489	3473113	3409746	1.76	cps
Carbon	12-1	7515748	7649077	7711052	7625292	1.31	cps
Carbon	12-2	79682	79172	79883	79579	0.46	cps
Chlorine	35-1	275510	272089	279360	275653	1.32	cps
Chlorine	35-2	1975	1592	2109	1892	14.18	cps
Chromium	52-2	189047	187872	185069	187329	1.09	cps
Cobalt	59-2	334594	335086	331442	333707	0.59	cps
Copper	63-2	2538693	2476714	2511830	2509079	1.24	cps
Dysprosium	156-1	50	67	42	53	24.12	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	142	100	167	136	24.74	cps
Erbium	164-2	77	80	63	73	12.03	cps
Gadolinium	160-1	292	225	275	264	13.15	cps
Gadolinium	160-2	117	130	127	124	5.57	cps
Holmium	165-1	21087802	21165761	21320049	21191204	0.56	cps
Holmium	165-2	9269792	9285622	9300363	9285259	0.16	cps
Indium	115-1	18400095	18051783	18151335	18201071	0.99	cps
Indium	115-2	2689688	2710712	2685890	2695430	0.50	cps
Iron	54-2	418552	410516	409607	412891	1.19	cps
Iron	56-2	7519853	7651028	7544282	7571721	0.92	cps
Iron	57-2	181319	186759	181797	183291	1.64	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	960	973	987	3.58	cps
Lead	206-1	2130599	2133385	2118614	2127533	0.37	cps
Lead	207-1	1820070	1885095	1845186	1850117	1.77	cps
Lead	208-1	8366036	8574536	8501183	8480585	1.25	cps
Lithium	6-1	11015129	10890594	10932856	10946193	0.58	cps
Magnesium	24-2	1572518	1545885	1535793	1551399	1.22	cps
Manganese	55-2	906932	903327	886130	898796	1.24	cps
Molybdenum	94-1	1193005	1210154	1226416	1209858	1.38	cps
Molybdenum	95-1	1483820	1509479	1493674	1495658	0.87	cps
Molybdenum	96-1	1670693	1694496	1673276	1679489	0.78	cps
Molybdenum	97-1	916216	922765	941321	926767	1.41	cps
Molybdenum	98-1	2422986	2402486	2426008	2417160	0.53	cps
Neodymium	150-1	73	33	47	51	39.86	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	91827	91271	91451	91516	0.31	cps
Phosphorus	31-2	5951	5968	5660	5860	2.96	cps
Potassium	39-2	522715	525779	518387	522294	0.71	cps
Rhodium	103-1	17592823	18008291	18089402	17896839	1.49	cps
Rhodium	103-2	8088711	8215747	8142427	8148962	0.78	cps
Scandium	45-1	13442418	13729203	14054893	13742171	2.23	cps
Scandium	45-2	465798	461917	460613	462776	0.58	cps
Selenium	82-1	11670	11570	11559	11599	0.53	cps
Selenium	77-2	357	283	337	326	11.64	cps
Selenium	78-2	1185	1236	1188	1203	2.38	cps
Silicon	28-1	986891	985461	1007664	993339	1.25	cps
Silver	107-1	754920	753377	755421	754572	0.14	cps
Silver	109-1	714400	709629	725005	716345	1.10	cps
Sodium	23-2	2960650	2944209	2884142	2929667	1.37	cps
Strontium	86-1	1923624	1908776	1968304	1933568	1.60	cps
Strontium	88-1	16304927	16190163	16506155	16333748	0.98	cps
Sulfur	34-1	648075	632720	629570	636788	1.55	cps
Terbium	159-1	22175571	22653507	22569626	22466235	1.14	cps
Terbium	159-2	9141618	9111727	9272095	9175146	0.93	cps
Thallium	203-1	505367	506500	509029	506965	0.37	cps
Thallium	205-1	1205729	1196083	1212866	1204893	0.70	cps
Tin	118-1	464516	461956	462960	463144	0.28	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:35:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	482641	488690	484767	485366	0.63	cps
Uranium	238-1	1605805	1587944	1614807	1602852	0.85	cps
Vanadium	51-2	145144	145994	146653	145930	0.52	cps
Ytterbium	172-1	125	142	100	122	17.16	cps
Ytterbium	172-2	83	56	50	63	28.37	cps
Ytterbium	176-1	3075	3509	3284	3289	6.59	cps
Ytterbium	176-2	4195	4034	3595	3941	7.88	cps
Yttrium	89-1	28321926	28426138	29062864	28603643	1.40	cps
Yttrium	89-2	3084105	3052194	3083439	3073246	0.59	cps
Zinc	66-2	306204	309509	299293	305002	1.71	cps
Zirconium	90-1	985574	978223	975711	979836	0.52	cps
Zirconium	91-1	219571	217566	215444	217527	0.95	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 10:38:30 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253947	258103	256481	256177	0.82	cps
Antimony	121-1	1301368	1303662	1299611	1301547	0.16	cps
Arsenic	75-2	40224	40658	40689	40524	0.64	cps
Barium	135-1	1541341	1599514	1577916	1572924	1.87	cps
Barium	137-1	2714856	2754496	2696068	2721807	1.10	cps
Beryllium	9-1	529790	532502	535411	532568	0.53	cps
Bismuth	209-1	13702472	13527470	13859631	13696524	1.21	cps
Bismuth	209-2	6702601	6582598	6740762	6675320	1.24	cps
Boron	10-1	61186	64642	67041	64290	4.58	cps
Boron	11-1	281430	294811	304532	293591	3.95	cps
Bromine	81-1	6839	7099	7750	7229	6.49	cps
Cadmium	111-1	342905	347610	344224	344913	0.70	cps
Cadmium	106-1	49749	50551	49273	49858	1.30	cps
Cadmium	108-1	28125	27749	28713	28196	1.72	cps
Calcium	43-1	527040	527330	528985	527785	0.20	cps
Calcium	44-1	8251393	8231438	8421029	8301287	1.25	cps
Carbon	12-1	7663483	7901711	7875462	7813552	1.67	cps
Carbon	12-2	83948	83655	83311	83638	0.38	cps
Chlorine	35-1	257809	259972	257630	258470	0.50	cps
Chlorine	35-2	1900	1667	1700	1756	7.19	cps
Chromium	52-2	456583	460826	462599	460002	0.67	cps
Cobalt	59-2	822965	819532	827225	823241	0.47	cps
Copper	63-2	6198336	6135141	6049844	6127773	1.22	cps
Dysprosium	156-1	200	125	117	147	31.17	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	167	117	117	133	21.65	cps
Erbium	164-2	73	53	60	62	16.37	cps
Gadolinium	160-1	325	333	350	336	3.79	cps
Gadolinium	160-2	97	100	100	99	1.94	cps
Holmium	165-1	21339512	21879216	21465458	21561395	1.31	cps
Holmium	165-2	9201650	9087884	9311076	9200203	1.21	cps
Indium	115-1	18449381	18252680	18828626	18510229	1.58	cps
Indium	115-2	2660550	2643771	2735236	2679852	1.82	cps
Iron	54-2	1017002	1015125	1029828	1020651	0.78	cps
Iron	56-2	18600271	18317257	18758933	18558820	1.21	cps
Iron	57-2	450139	452951	454670	452587	0.51	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:38:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	933	983	987	5.58	cps
Lead	206-1	5382842	5238357	5282252	5301150	1.40	cps
Lead	207-1	4599549	4559742	4604461	4587918	0.53	cps
Lead	208-1	21131597	20902395	21050712	21028235	0.55	cps
Lithium	6-1	10981336	10544667	10912335	10812779	2.17	cps
Magnesium	24-2	3742191	3860387	3795986	3799521	1.56	cps
Manganese	55-2	2247847	2238495	2235493	2240612	0.29	cps
Molybdenum	94-1	3037263	3038633	2948946	3008281	1.71	cps
Molybdenum	95-1	3699687	3761456	3674523	3711889	1.21	cps
Molybdenum	96-1	4062715	4226240	4132052	4140335	1.98	cps
Molybdenum	97-1	2219997	2293463	2282083	2265181	1.75	cps
Molybdenum	98-1	5833760	5898980	5826710	5853150	0.68	cps
Neodymium	150-1	87	113	80	93	18.90	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	223319	223516	222324	223053	0.29	cps
Phosphorus	31-2	14049	13573	14157	13926	2.23	cps
Potassium	39-2	1243726	1264697	1270850	1259758	1.13	cps
Rhodium	103-1	17891133	17949772	17598883	17813263	1.06	cps
Rhodium	103-2	7968572	8072696	8035135	8025468	0.66	cps
Scandium	45-1	13525181	13447948	13910307	13627812	1.82	cps
Scandium	45-2	456134	464561	465692	462129	1.13	cps
Selenium	82-1	28101	28803	28658	28521	1.30	cps
Selenium	77-2	790	733	863	796	8.19	cps
Selenium	78-2	2830	2886	2983	2899	2.67	cps
Silicon	28-1	1491390	1463140	1507787	1487439	1.52	cps
Silver	107-1	1881017	1934307	1866778	1894034	1.88	cps
Silver	109-1	1765345	1814314	1749015	1776224	1.91	cps
Sodium	23-2	7335126	7195164	7247005	7259098	0.97	cps
Strontium	86-1	4703304	4756135	4737930	4732456	0.57	cps
Strontium	88-1	40833662	40916872	40418371	40722968	0.66	cps
Sulfur	34-1	736400	723958	729348	729902	0.85	cps
Terbium	159-1	22367649	22119397	22383442	22290163	0.66	cps
Terbium	159-2	8938091	9171983	9252259	9120778	1.79	cps
Thallium	203-1	1242671	1268491	1246618	1252593	1.11	cps
Thallium	205-1	3041511	3075174	2994380	3037022	1.34	cps
Tin	118-1	1169136	1146776	1166514	1160809	1.05	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:38:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1194817	1170400	1192476	1185898	1.14	cps
Uranium	238-1	3994336	4095149	4071559	4053681	1.30	cps
Vanadium	51-2	361646	360303	362220	361390	0.27	cps
Ytterbium	172-1	158	142	133	144	8.81	cps
Ytterbium	172-2	67	39	83	63	35.66	cps
Ytterbium	176-1	3542	3351	3576	3489	3.48	cps
Ytterbium	176-2	3345	3128	3084	3186	4.39	cps
Yttrium	89-1	28861388	29022750	28782506	28888882	0.42	cps
Yttrium	89-2	3142883	3151623	3092528	3129011	1.02	cps
Zinc	66-2	748556	742946	749805	747102	0.49	cps
Zirconium	90-1	2465121	2473673	2466610	2468468	0.19	cps
Zirconium	91-1	549077	549991	545188	548085	0.47	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 10:41:33 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517396	517933	516314	517214	0.16	cps
Antimony	121-1	2598851	2674963	2633223	2635679	1.45	cps
Arsenic	75-2	82461	81930	81873	82088	0.40	cps
Barium	135-1	3176924	3284868	3205084	3222292	1.74	cps
Barium	137-1	5400446	5523985	5430535	5451655	1.18	cps
Beryllium	9-1	1069567	1056031	1075702	1067100	0.94	cps
Bismuth	209-1	13762689	13281423	13564370	13536161	1.79	cps
Bismuth	209-2	6631207	6742596	6710703	6694835	0.86	cps
Boron	10-1	124337	127661	133276	128425	3.52	cps
Boron	11-1	558561	577411	590645	575539	2.80	cps
Bromine	81-1	8321	8101	7981	8134	2.12	cps
Cadmium	111-1	702866	686300	692837	694001	1.20	cps
Cadmium	106-1	90498	88444	91008	89983	1.51	cps
Cadmium	108-1	56126	56160	57160	56482	1.04	cps
Calcium	43-1	1055392	1060981	1058571	1058314	0.26	cps
Calcium	44-1	16442611	16852029	16850224	16714954	1.41	cps
Carbon	12-1	8141119	8290855	8560726	8330900	2.55	cps
Carbon	12-2	91266	91317	91568	91384	0.18	cps
Chlorine	35-1	288252	288986	288775	288671	0.13	cps
Chlorine	35-2	2217	2309	2125	2217	4.14	cps
Chromium	52-2	933968	933064	913601	926877	1.24	cps
Cobalt	59-2	1694504	1680535	1673310	1682783	0.64	cps
Copper	63-2	12240152	12189207	12208042	12212467	0.21	cps
Dysprosium	156-1	250	150	200	200	25.00	cps
Dysprosium	156-2	93	97	80	90	9.80	cps
Erbium	164-1	250	175	183	203	20.27	cps
Erbium	164-2	70	63	87	73	16.39	cps
Gadolinium	160-1	367	433	550	450	20.62	cps
Gadolinium	160-2	137	153	163	151	8.92	cps
Holmium	165-1	22134291	21553183	21740482	21809319	1.36	cps
Holmium	165-2	9225220	9332836	9352933	9303663	0.74	cps
Indium	115-1	18934749	18675376	18529840	18713322	1.10	cps
Indium	115-2	2679508	2718879	2737885	2712091	1.10	cps
Iron	54-2	2132455	2085248	2094757	2104153	1.19	cps
Iron	56-2	37408980	37898534	37455554	37587689	0.72	cps
Iron	57-2	909479	907862	918563	911968	0.63	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:41:33	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1093	1010	1013	7.74	cps
Lead	206-1	10284834	10396154	10474408	10385132	0.92	cps
Lead	207-1	9143671	8949941	9083862	9059158	1.10	cps
Lead	208-1	41842598	41341684	41436179	41540153	0.64	cps
Lithium	6-1	11019228	10900629	10638269	10852709	1.80	cps
Magnesium	24-2	7585156	7617087	7672451	7624898	0.58	cps
Manganese	55-2	4585890	4567184	4551543	4568206	0.38	cps
Molybdenum	94-1	6051157	5863928	5997742	5970942	1.62	cps
Molybdenum	95-1	7458726	7311572	7403306	7391202	1.01	cps
Molybdenum	96-1	8453419	8117653	8188156	8253076	2.15	cps
Molybdenum	97-1	4668924	4582989	4554035	4601983	1.30	cps
Molybdenum	98-1	11884492	11836101	11833161	11851251	0.24	cps
Neodymium	150-1	193	167	120	160	23.20	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	451259	448792	446973	449008	0.48	cps
Phosphorus	31-2	27827	26375	27552	27251	2.83	cps
Potassium	39-2	2558328	2516424	2546579	2540444	0.85	cps
Rhodium	103-1	18099723	17685676	17442753	17742717	1.87	cps
Rhodium	103-2	8047965	8276061	8097725	8140584	1.47	cps
Scandium	45-1	13904286	13896287	13832611	13877728	0.28	cps
Scandium	45-2	472577	472905	471222	472235	0.19	cps
Selenium	82-1	56408	56784	57019	56737	0.54	cps
Selenium	77-2	1687	1773	1693	1718	2.81	cps
Selenium	78-2	5717	5747	5765	5743	0.42	cps
Silicon	28-1	2588902	2661331	2754500	2668244	3.11	cps
Silver	107-1	3739065	3681533	3754041	3724880	1.03	cps
Silver	109-1	3664712	3537872	3598055	3600213	1.76	cps
Sodium	23-2	14250056	14325125	14715995	14430392	1.73	cps
Strontium	86-1	9381388	9368336	9505138	9418287	0.80	cps
Strontium	88-1	80591431	81575235	81766704	81311123	0.78	cps
Sulfur	34-1	922564	906259	907424	912082	1.00	cps
Terbium	159-1	23271026	22899800	23088668	23086498	0.80	cps
Terbium	159-2	9288537	9134665	9457610	9293604	1.74	cps
Thallium	203-1	2602551	2618028	2551289	2590623	1.35	cps
Thallium	205-1	6107163	6001405	5973011	6027193	1.17	cps
Tin	118-1	2330389	2323555	2346961	2333635	0.52	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:41:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2387874	2373974	2401017	2387622	0.57	cps
Uranium	238-1	8109838	8219649	7939061	8089516	1.75	cps
Vanadium	51-2	743836	734595	734438	737623	0.73	cps
Ytterbium	172-1	117	142	158	139	15.10	cps
Ytterbium	172-2	89	67	61	72	20.35	cps
Ytterbium	176-1	3267	3009	3017	3098	4.74	cps
Ytterbium	176-2	3373	3245	2928	3182	7.19	cps
Yttrium	89-1	29193487	29259521	28781850	29078286	0.89	cps
Yttrium	89-2	3074966	3098754	3110756	3094825	0.59	cps
Zinc	66-2	1564180	1501235	1481632	1515682	2.85	cps
Zirconium	90-1	4955123	4869031	4889334	4904496	0.92	cps
Zirconium	91-1	1115030	1103276	1098170	1105492	0.78	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 10:44:38 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1024232	1023775	1025530	1024512	0.09	cps
Antimony	121-1	5100765	5233440	5330326	5221510	2.21	cps
Arsenic	75-2	163147	163448	164304	163633	0.37	cps
Barium	135-1	6355472	6369455	6327012	6350646	0.34	cps
Barium	137-1	11043929	10874574	10734573	10884359	1.42	cps
Beryllium	9-1	2091226	2081909	2144864	2106000	1.61	cps
Bismuth	209-1	13595642	13145099	13312948	13351230	1.71	cps
Bismuth	209-2	6906614	6947594	6654880	6836363	2.32	cps
Boron	10-1	241780	253039	258804	251208	3.45	cps
Boron	11-1	1039200	1047085	1056871	1047719	0.84	cps
Bromine	81-1	7640	7570	8271	7827	4.93	cps
Cadmium	111-1	1339741	1374481	1384240	1366154	1.71	cps
Cadmium	106-1	166507	170845	173188	170180	1.99	cps
Cadmium	108-1	110158	109716	110968	110280	0.58	cps
Calcium	43-1	2141456	2172406	2161303	2158389	0.73	cps
Calcium	44-1	33121675	33681819	32986999	33263497	1.11	cps
Carbon	12-1	8876076	9210623	9370738	9152479	2.76	cps
Carbon	12-2	101760	105697	103464	103641	1.91	cps
Chlorine	35-1	277603	282545	281109	280419	0.91	cps
Chlorine	35-2	1909	2167	1967	2014	6.73	cps
Chromium	52-2	1905049	1927894	1905921	1912955	0.68	cps
Cobalt	59-2	3328103	3359786	3364543	3350811	0.59	cps
Copper	63-2	24490851	24587076	24152600	24410176	0.93	cps
Dysprosium	156-1	375	408	242	342	25.81	cps
Dysprosium	156-2	130	160	173	154	14.37	cps
Erbium	164-1	250	175	225	217	17.62	cps
Erbium	164-2	73	97	93	88	14.38	cps
Gadolinium	160-1	625	592	617	611	2.84	cps
Gadolinium	160-2	260	263	267	263	1.26	cps
Holmium	165-1	22491217	21538967	22267579	22099254	2.25	cps
Holmium	165-2	9672639	9321808	9545721	9513390	1.87	cps
Indium	115-1	18627844	18874301	19022026	18841390	1.06	cps
Indium	115-2	2786330	2744067	2750283	2760227	0.83	cps
Iron	54-2	4156058	4225243	4189370	4190223	0.83	cps
Iron	56-2	75294302	76760710	74245171	75433394	1.68	cps
Iron	57-2	1860308	1910826	1865778	1878971	1.48	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:44:38	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1043	1010	1052	4.50	cps
Lead	206-1	20928110	20788592	20317936	20678213	1.55	cps
Lead	207-1	18049777	18023350	17930336	18001154	0.35	cps
Lead	208-1	83580257	82372082	82787513	82913284	0.74	cps
Lithium	6-1	10605834	10849343	10788395	10747857	1.18	cps
Magnesium	24-2	15157372	15064003	15137504	15119627	0.33	cps
Manganese	55-2	9194736	9316544	8953931	9155070	2.02	cps
Molybdenum	94-1	11890855	12027665	11753965	11890828	1.15	cps
Molybdenum	95-1	14983071	15201128	15029132	15071110	0.76	cps
Molybdenum	96-1	16549461	16707009	16535837	16597436	0.57	cps
Molybdenum	97-1	9026008	9142626	8876994	9015209	1.48	cps
Molybdenum	98-1	23323929	24184801	24011818	23840182	1.91	cps
Neodymium	150-1	293	273	273	280	4.12	cps
Neodymium	150-2	40	17	23	27	45.07	cps
Nickel	60-2	887124	878267	886999	884130	0.57	cps
Phosphorus	31-2	57389	56017	56160	56522	1.33	cps
Potassium	39-2	5020019	4987154	5005658	5004277	0.33	cps
Rhodium	103-1	17512191	17856885	17474605	17614560	1.20	cps
Rhodium	103-2	8217707	8130806	8219720	8189411	0.62	cps
Scandium	45-1	13841607	13839656	13723941	13801735	0.49	cps
Scandium	45-2	479632	476814	476587	477678	0.36	cps
Selenium	82-1	111565	112478	112178	112074	0.42	cps
Selenium	77-2	3374	3314	3324	3337	0.96	cps
Selenium	78-2	11380	11594	11645	11540	1.22	cps
Silicon	28-1	4799934	4818218	4886553	4834902	0.94	cps
Silver	107-1	7289172	7501080	7499352	7429868	1.64	cps
Silver	109-1	6920068	6894191	6973114	6929124	0.58	cps
Sodium	23-2	28814700	28782794	28786467	28794654	0.06	cps
Strontium	86-1	18957200	19328516	19132357	19139358	0.97	cps
Strontium	88-1	164862287	167226904	164597404	165562198	0.87	cps
Sulfur	34-1	1134737	1132099	1137755	1134864	0.25	cps
Terbium	159-1	22731495	22803571	22618966	22718011	0.41	cps
Terbium	159-2	9704257	9451770	9248956	9468328	2.41	cps
Thallium	203-1	5079593	4969485	5032470	5027183	1.10	cps
Thallium	205-1	11917551	11852736	11775946	11848745	0.60	cps
Tin	118-1	4616087	4698619	4757101	4690602	1.51	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:44:38	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4694439	4670874	4783488	4716267	1.26	cps
Uranium	238-1	16306739	16059694	16194310	16186914	0.76	cps
Vanadium	51-2	1476900	1489888	1495849	1487546	0.65	cps
Ytterbium	172-1	133	167	133	144	13.32	cps
Ytterbium	172-2	100	50	56	69	39.99	cps
Ytterbium	176-1	3325	3559	3167	3351	5.88	cps
Ytterbium	176-2	3123	3350	3028	3167	5.23	cps
Yttrium	89-1	29196283	29169920	28697330	29021178	0.97	cps
Yttrium	89-2	3132896	3075782	3181936	3130204	1.70	cps
Zinc	66-2	2997865	3024255	2960263	2994128	1.07	cps
Zirconium	90-1	9695569	9799811	9382636	9626006	2.26	cps
Zirconium	91-1	2202878	2230184	2197086	2210049	0.80	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 10:47:41 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2094343	2116265	2125437	2112015	0.76	cps
Antimony	121-1	10148886	10423757	10297960	10290201	1.34	cps
Arsenic	75-2	329993	331702	330640	330778	0.26	cps
Barium	135-1	12560928	12834478	12620938	12672115	1.13	cps
Barium	137-1	21669168	21970302	21557454	21732308	0.98	cps
Beryllium	9-1	4003775	4091083	4018185	4037681	1.16	cps
Bismuth	209-1	12649780	13060295	13027147	12912408	1.77	cps
Bismuth	209-2	5876063	6041383	6481242	6132896	5.10	cps
Boron	10-1	492612	508915	535781	512436	4.25	cps
Boron	11-1	2101783	2118173	2216049	2145335	2.88	cps
Bromine	81-1	8601	8571	9112	8762	3.47	cps
Cadmium	111-1	2652352	2627668	2700369	2660130	1.39	cps
Cadmium	106-1	315979	321899	320232	319370	0.96	cps
Cadmium	108-1	217681	216289	220348	218106	0.95	cps
Calcium	43-1	4257396	4317438	4293220	4289351	0.70	cps
Calcium	44-1	66874203	67660728	66192639	66909190	1.10	cps
Carbon	12-1	10240064	10900169	11362619	10834284	5.21	cps
Carbon	12-2	123326	126199	127458	125661	1.69	cps
Chlorine	35-1	262150	264128	266999	264426	0.92	cps
Chlorine	35-2	1900	2050	2125	2025	5.66	cps
Chromium	52-2	3729925	3850629	3818351	3799635	1.64	cps
Cobalt	59-2	6820779	6711774	6615043	6715866	1.53	cps
Copper	63-2	48862681	48270263	48199158	48444034	0.75	cps
Dysprosium	156-1	642	692	725	686	6.11	cps
Dysprosium	156-2	277	293	290	287	3.08	cps
Erbium	164-1	275	292	317	294	7.12	cps
Erbium	164-2	107	103	130	113	12.82	cps
Gadolinium	160-1	908	1008	758	892	14.11	cps
Gadolinium	160-2	397	397	483	426	11.76	cps
Holmium	165-1	21891408	22669527	22248949	22269961	1.75	cps
Holmium	165-2	8297668	8707553	9760878	8922033	8.46	cps
Indium	115-1	17924964	18332328	18433687	18230326	1.48	cps
Indium	115-2	2434595	2567243	2698855	2566898	5.15	cps
Iron	54-2	8178372	8412723	8383477	8324858	1.53	cps
Iron	56-2	153945570	156645942	152647898	154413137	1.32	cps
Iron	57-2	3784906	3778664	3722649	3762073	0.91	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 10:47:41 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1000	1080	1033	4.03	cps
Lead	206-1	40171138	40603005	40636270	40470138	0.64	cps
Lead	207-1	34144506	35899381	35838941	35294276	2.82	cps
Lead	208-1	157323697	164070829	162937055	161443860	2.24	cps
Lithium	6-1	10352100	10684391	10742126	10592872	1.99	cps
Magnesium	24-2	30325816	30863539	31027624	30738993	1.19	cps
Manganese	55-2	18155791	18726190	18618332	18500104	1.64	cps
Molybdenum	94-1	23953980	24017382	24436319	24135894	1.09	cps
Molybdenum	95-1	29997429	30146242	29722099	29955257	0.72	cps
Molybdenum	96-1	33245827	33587976	33301166	33378323	0.55	cps
Molybdenum	97-1	18506836	18470631	18163352	18380273	1.03	cps
Molybdenum	98-1	47757328	48174121	47473999	47801816	0.74	cps
Neodymium	150-1	607	607	473	562	13.69	cps
Neodymium	150-2	47	50	50	49	3.93	cps
Nickel	60-2	1877593	1835883	1803127	1838867	2.03	cps
Phosphorus	31-2	109925	114493	111965	112127	2.04	cps
Potassium	39-2	10098901	10353621	10187450	10213324	1.27	cps
Rhodium	103-1	17476163	17627158	17128508	17410609	1.47	cps
Rhodium	103-2	7115433	7498097	8020100	7544543	6.02	cps
Scandium	45-1	13975400	14153304	13940889	14023198	0.81	cps
Scandium	45-2	442312	444619	491131	459354	6.00	cps
Selenium	82-1	217023	219905	219926	218951	0.76	cps
Selenium	77-2	6508	6728	6595	6611	1.68	cps
Selenium	78-2	22986	23047	23143	23059	0.34	cps
Silicon	28-1	9211522	9315486	9687635	9404881	2.66	cps
Silver	107-1	14158669	14334790	14666387	14386615	1.79	cps
Silver	109-1	13598938	13568667	13968608	13712071	1.62	cps
Sodium	23-2	56901585	58402758	58987203	58097182	1.85	cps
Strontium	86-1	37426416	38178125	37921532	37842024	1.01	cps
Strontium	88-1	321719266	326293699	328348774	325453913	1.04	cps
Sulfur	34-1	1744280	1782651	1779238	1768723	1.20	cps
Terbium	159-1	22312417	22446797	22506834	22422016	0.44	cps
Terbium	159-2	8468501	8723269	9273536	8821769	4.66	cps
Thallium	203-1	9769783	9812094	9758676	9780185	0.29	cps
Thallium	205-1	22968670	23059101	23240576	23089449	0.60	cps
Tin	118-1	8873433	9332638	9054210	9086760	2.55	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:47:41	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9454225	9535712	9359031	9449656	0.94	cps
Uranium	238-1	31623762	31437177	31748801	31603247	0.50	cps
Vanadium	51-2	3049594	3059387	3075338	3061440	0.42	cps
Ytterbium	172-1	133	142	125	133	6.25	cps
Ytterbium	172-2	72	67	39	59	30.13	cps
Ytterbium	176-1	3309	3017	3100	3142	4.78	cps
Ytterbium	176-2	2623	3056	3050	2910	8.55	cps
Yttrium	89-1	29269076	29727076	29404515	29466889	0.80	cps
Yttrium	89-2	2917958	2998389	3199697	3038681	4.78	cps
Zinc	66-2	5831247	5710455	5794646	5778783	1.07	cps
Zirconium	90-1	19829488	19622889	19970015	19807464	0.88	cps
Zirconium	91-1	4435672	4413171	4462039	4436960	0.55	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10752273	10769770	10774033	10765359	0.11	cps
Antimony	121-1	9195	9245	9629	9356	2.54	cps
Arsenic	75-2	126	105	119	117	9.16	cps
Barium	135-1	57866	56343	55858	56689	1.85	cps
Barium	137-1	96157	99163	96133	97151	1.79	cps
Beryllium	9-1	592	526	484	534	10.20	cps
Bismuth	209-1	11766598	11464126	11873429	11701384	1.81	cps
Bismuth	209-2	6076469	6111831	6112521	6100274	0.34	cps
Boron	10-1	43604	38583	34560	38915	11.64	cps
Boron	11-1	194322	173103	159273	175566	10.06	cps
Bromine	81-1	8501	8642	8602	8581	0.84	cps
Cadmium	111-1	1475	1549	1578	1534	3.46	cps
Cadmium	106-1	9162	9554	9612	9442	2.59	cps
Cadmium	108-1	363	313	333	336	7.47	cps
Calcium	43-1	20216411	19807847	20053337	20025865	1.03	cps
Calcium	44-1	327007335	324940423	323843360	325263706	0.49	cps
Carbon	12-1	8492130	8589441	8744285	8608618	1.48	cps
Carbon	12-2	100702	103439	102927	102356	1.42	cps
Chlorine	35-1	253067	256726	254735	254842	0.72	cps
Chlorine	35-2	1975	1792	2034	1934	6.52	cps
Chromium	52-2	25807	25212	24578	25199	2.44	cps
Cobalt	59-2	9910	9193	9397	9500	3.89	cps
Copper	63-2	15819	15465	15672	15652	1.14	cps
Dysprosium	156-1	1642	1583	1884	1703	9.34	cps
Dysprosium	156-2	810	983	933	909	9.82	cps
Erbium	164-1	358	375	383	372	3.42	cps
Erbium	164-2	177	160	150	162	8.31	cps
Gadolinium	160-1	2375	1984	2334	2231	9.64	cps
Gadolinium	160-2	1043	1223	1013	1093	10.39	cps
Holmium	165-1	20906472	21172489	21134306	21071089	0.68	cps
Holmium	165-2	9304777	9379754	9404598	9363043	0.56	cps
Indium	115-1	17368031	17335426	17367078	17356845	0.11	cps
Indium	115-2	2759656	2778012	2780237	2772635	0.41	cps
Iron	54-2	40704250	40475662	40748000	40642637	0.36	cps
Iron	56-2	739056728	742657350	742309394	741341157	0.27	cps
Iron	57-2	18313143	18218718	18553799	18361887	0.94	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1107	1167	1083	8.97	cps
Lead	206-1	19943	19821	19281	19682	1.79	cps
Lead	207-1	17479	17684	16561	17241	3.47	cps
Lead	208-1	80299	79206	77247	78917	1.96	cps
Lithium	6-1	9934742	9978319	10173285	10028782	1.27	cps
Magnesium	24-2	150603762	151727358	153498249	151943123	0.96	cps
Manganese	55-2	14027	13643	13573	13748	1.78	cps
Molybdenum	94-1	10738	9779	9720	10079	5.67	cps
Molybdenum	95-1	10446	11655	10413	10838	6.53	cps
Molybdenum	96-1	14950	14708	13916	14525	3.73	cps
Molybdenum	97-1	6577	6327	6427	6443	1.95	cps
Molybdenum	98-1	17587	16544	15267	16466	7.06	cps
Neodymium	150-1	60	67	87	71	19.52	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	8526	8823	8786	8712	1.86	cps
Phosphorus	31-2	308	275	367	317	14.65	cps
Potassium	39-2	51529790	53296712	53999951	52942151	2.40	cps
Rhodium	103-1	15789732	16041470	15737237	15856146	1.03	cps
Rhodium	103-2	7560091	7702424	7516457	7592991	1.28	cps
Scandium	45-1	13706720	13598147	13588941	13631269	0.48	cps
Scandium	45-2	500574	506092	505524	504063	0.60	cps
Selenium	82-1	91	-43	-87	-13	-715.92	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	43	32	44	40	16.79	cps
Silicon	28-1	762829	767987	773447	768088	0.69	cps
Silver	107-1	4568	4001	4876	4481	9.91	cps
Silver	109-1	4434	4142	4001	4192	5.27	cps
Sodium	23-2	289186131	294292723	286721956	290066937	1.33	cps
Strontium	86-1	14675	13941	13198	13938	5.30	cps
Strontium	88-1	109889	103777	102778	105481	3.65	cps
Sulfur	34-1	486715	490948	493706	490456	0.72	cps
Terbium	159-1	21734645	21580736	21386193	21567191	0.81	cps
Terbium	159-2	9407590	9516479	9427208	9450426	0.61	cps
Thallium	203-1	2400	2317	2500	2406	3.82	cps
Thallium	205-1	6685	5710	5243	5879	12.52	cps
Tin	118-1	5101	5435	5076	5204	3.85	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 10:50:47	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3967	3834	3517	3773	6.13	cps
Uranium	238-1	4559	4359	3826	4248	8.93	cps
Vanadium	51-2	557	647	597	600	7.52	cps
Ytterbium	172-1	167	158	133	153	11.35	cps
Ytterbium	172-2	44	72	78	65	27.55	cps
Ytterbium	176-1	3409	3459	2942	3270	8.72	cps
Ytterbium	176-2	3062	3217	2923	3067	4.80	cps
Yttrium	89-1	28263111	28069546	28981601	28438086	1.69	cps
Yttrium	89-2	3302605	3325394	3331403	3319801	0.46	cps
Zinc	66-2	12846	12576	12699	12707	1.06	cps
Zirconium	90-1	11372	11188	10855	11138	2.35	cps
Zirconium	91-1	2584	2667	2709	2653	2.40	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : ICV25 Instrumnet Name : P8
 Client Sample ID : ICV25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 12:33:58 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50033	49461	49470	49654	0.66	cps
Antimony	121-1	2076691	2082343	2103380	2087471	0.67	cps
Arsenic	75-2	65166	64097	64720	64661	0.83	cps
Barium	135-1	247510	252697	251321	250509	1.07	cps
Barium	137-1	439707	442643	440584	440978	0.34	cps
Beryllium	9-1	436923	434734	439362	437006	0.53	cps
Bismuth	209-1	13586416	14118753	13829962	13845044	1.92	cps
Bismuth	209-2	6656910	6857651	6500461	6671674	2.68	cps
Boron	10-1	914	1036	894	948	8.11	cps
Boron	11-1	3844	3882	3772	3832	1.46	cps
Bromine	81-1	7049	8201	7620	7623	7.55	cps
Cadmium	111-1	279093	287402	280264	282253	1.59	cps
Cadmium	106-1	35129	35037	35872	35346	1.30	cps
Cadmium	108-1	19159	19101	19585	19282	1.37	cps
Calcium	43-1	77722	79770	78733	78742	1.30	cps
Calcium	44-1	1310746	1331911	1318243	1320300	0.81	cps
Carbon	12-1	7702869	7921657	7858169	7827565	1.44	cps
Carbon	12-2	81761	82196	83965	82641	1.41	cps
Chlorine	35-1	246166	247480	249439	247695	0.66	cps
Chlorine	35-2	1767	1742	1725	1745	1.20	cps
Chromium	52-2	370602	361706	356992	363100	1.90	cps
Cobalt	59-2	655333	650708	649967	652002	0.45	cps
Copper	63-2	494142	491385	490882	492136	0.36	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	108	167	125	133	22.53	cps
Erbium	164-2	63	40	60	54	23.18	cps
Gadolinium	160-1	217	267	258	247	10.84	cps
Gadolinium	160-2	137	103	117	119	14.11	cps
Holmium	165-1	21700508	21761682	21588780	21683657	0.40	cps
Holmium	165-2	9110493	8851798	9097415	9019902	1.62	cps
Indium	115-1	17978345	18733134	18535339	18415606	2.13	cps
Indium	115-2	2747124	2610496	2707007	2688209	2.61	cps
Iron	54-2	317250	321369	319114	319244	0.65	cps
Iron	56-2	5744922	5863738	5723437	5777366	1.31	cps
Iron	57-2	137322	140066	136717	138035	1.29	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:33:58	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1087	1000	1032	4.59	cps
Lead	206-1	1772560	1810674	1764466	1782567	1.38	cps
Lead	207-1	1428482	1448576	1437466	1438175	0.70	cps
Lead	208-1	6904448	6894341	6991533	6930107	0.77	cps
Lithium	6-1	10993084	11113039	10832463	10979529	1.28	cps
Magnesium	24-2	344460	342486	340991	342645	0.51	cps
Manganese	55-2	174059	171937	170130	172042	1.14	cps
Molybdenum	94-1	1083	1100	942	1042	8.35	cps
Molybdenum	95-1	192	208	275	225	19.60	cps
Molybdenum	96-1	692	758	950	800	16.77	cps
Molybdenum	97-1	92	117	167	125	30.55	cps
Molybdenum	98-1	467	400	458	442	8.22	cps
Neodymium	150-1	40	47	20	36	39.03	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	194104	189764	189878	191249	1.29	cps
Phosphorus	31-2	283	283	258	275	5.25	cps
Potassium	39-2	395388	398146	388437	393990	1.27	cps
Rhodium	103-1	17756621	17728106	17504301	17663009	0.78	cps
Rhodium	103-2	8125765	7937802	7984604	8016057	1.22	cps
Scandium	45-1	13826955	14117866	13738256	13894359	1.43	cps
Scandium	45-2	454432	447334	451946	451237	0.80	cps
Selenium	82-1	46647	46945	46682	46758	0.35	cps
Selenium	77-2	1470	1340	1367	1392	4.93	cps
Selenium	78-2	4691	4563	4525	4593	1.89	cps
Silicon	28-1	407253	416445	423323	415674	1.94	cps
Silver	107-1	711118	718875	721991	717328	0.78	cps
Silver	109-1	684810	689307	688239	687452	0.34	cps
Sodium	23-2	1182560	1176261	1168806	1175876	0.59	cps
Strontium	86-1	3067	2842	2534	2814	9.52	cps
Strontium	88-1	9479	10354	10404	10079	5.16	cps
Sulfur	34-1	554109	552135	552269	552837	0.20	cps
Terbium	159-1	22385528	22122606	22337876	22282003	0.63	cps
Terbium	159-2	8965227	8992527	8975501	8977751	0.15	cps
Thallium	203-1	2112675	2170807	2144759	2142747	1.36	cps
Thallium	205-1	4980721	5132692	5117786	5077066	1.65	cps
Tin	118-1	2884	3167	3434	3162	8.70	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:33:58	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	333	492	389	22.91	cps
Uranium	238-1	58	50	25	44	39.04	cps
Vanadium	51-2	280138	283927	283088	282385	0.70	cps
Ytterbium	172-1	33	83	83	67	43.31	cps
Ytterbium	172-2	33	17	39	30	39.02	cps
Ytterbium	176-1	2842	2917	2867	2875	1.33	cps
Ytterbium	176-2	7586	7430	7180	7399	2.77	cps
Yttrium	89-1	28821538	29048226	28148080	28672615	1.63	cps
Yttrium	89-2	2980565	3006550	2920505	2969206	1.49	cps
Zinc	66-2	118199	112113	114590	114967	2.66	cps
Zirconium	90-1	2059	2267	2342	2222	6.61	cps
Zirconium	91-1	850	900	858	869	3.08	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2205	2322	2341	2289	3.23	cps
Antimony	121-1	20449	19665	20382	20165	2.16	cps
Arsenic	75-2	296	336	329	320	6.67	cps
Barium	135-1	24598	25091	25391	25027	1.60	cps
Barium	137-1	43521	42526	42685	42911	1.25	cps
Beryllium	9-1	4402	4336	4218	4318	2.16	cps
Bismuth	209-1	13547112	13970155	13794704	13770657	1.54	cps
Bismuth	209-2	6858045	6784246	6865969	6836087	0.66	cps
Boron	10-1	11436	12361	12763	12187	5.58	cps
Boron	11-1	52593	56726	57946	55755	5.03	cps
Bromine	81-1	8601	7510	8261	8124	6.88	cps
Cadmium	111-1	3703	3850	3644	3732	2.84	cps
Cadmium	106-1	9387	9078	9112	9192	1.84	cps
Cadmium	108-1	254	250	304	269	11.19	cps
Calcium	43-1	19627	20157	19969	19917	1.35	cps
Calcium	44-1	345833	348041	345464	346446	0.40	cps
Carbon	12-1	6916276	6917496	6945153	6926308	0.24	cps
Carbon	12-2	69975	72102	73074	71717	2.21	cps
Chlorine	35-1	212459	212679	215054	213397	0.67	cps
Chlorine	35-2	1558	1425	1500	1495	4.47	cps
Chromium	52-2	8129	7862	8449	8147	3.61	cps
Cobalt	59-2	6605	6288	6678	6524	3.18	cps
Copper	63-2	9997	10007	10407	10137	2.31	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	175	67	142	128	43.42	cps
Erbium	164-2	40	50	53	48	14.52	cps
Gadolinium	160-1	283	167	267	239	26.41	cps
Gadolinium	160-2	127	93	130	117	17.38	cps
Holmium	165-1	21486041	21909043	21119094	21504726	1.84	cps
Holmium	165-2	9233200	9134949	9228674	9198941	0.60	cps
Indium	115-1	18637106	18651112	18583075	18623764	0.19	cps
Indium	115-2	2706358	2679948	2702779	2696362	0.53	cps
Iron	54-2	8497	8497	8797	8597	2.02	cps
Iron	56-2	149558	146073	149267	148299	1.30	cps
Iron	57-2	3334	3795	4023	3717	9.44	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	997	1163	1067	8.11	cps
Lead	206-1	8981	8931	8642	8851	2.07	cps
Lead	207-1	8553	8003	8008	8188	3.86	cps
Lead	208-1	36192	35247	35242	35560	1.54	cps
Lithium	6-1	11398893	11197574	11025259	11207242	1.67	cps
Magnesium	24-2	148434	146087	144084	146202	1.49	cps
Manganese	55-2	1837	1870	1853	1853	0.90	cps
Molybdenum	94-1	23788	23479	23512	23593	0.72	cps
Molybdenum	95-1	28263	29190	29348	28933	2.03	cps
Molybdenum	96-1	30476	32639	32790	31968	4.05	cps
Molybdenum	97-1	17536	18021	17470	17676	1.70	cps
Molybdenum	98-1	45442	45124	44564	45043	0.99	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1827	1813	1623	1755	6.48	cps
Phosphorus	31-2	258	292	308	286	8.90	cps
Potassium	39-2	109824	109421	109985	109743	0.26	cps
Rhodium	103-1	18420198	17652557	17976729	18016495	2.14	cps
Rhodium	103-2	8175280	8284358	8090882	8183507	1.19	cps
Scandium	45-1	14037532	13745034	13830225	13870930	1.08	cps
Scandium	45-2	461277	457947	462022	460415	0.47	cps
Selenium	82-1	1013	1185	989	1063	10.06	cps
Selenium	77-2	43	40	7	30	67.58	cps
Selenium	78-2	143	127	136	135	5.93	cps
Silicon	28-1	407893	413243	414606	411914	0.86	cps
Silver	107-1	14216	14216	14458	14297	0.98	cps
Silver	109-1	12481	12723	13265	12823	3.13	cps
Sodium	23-2	311244	310297	308474	310005	0.45	cps
Strontium	86-1	5735	5301	6060	5699	6.68	cps
Strontium	88-1	34635	35479	35838	35318	1.75	cps
Sulfur	34-1	552506	555428	554541	554158	0.27	cps
Terbium	159-1	22100539	22323387	22359018	22260981	0.63	cps
Terbium	159-2	9149172	9199393	9346202	9231589	1.11	cps
Thallium	203-1	10154	10329	10104	10196	1.16	cps
Thallium	205-1	24190	23797	24315	24101	1.12	cps
Tin	118-1	43712	45669	44607	44662	2.19	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 12:41:41	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9287	9854	9837	9659	3.34	cps
Uranium	238-1	29811	30078	30228	30039	0.70	cps
Vanadium	51-2	14064	14317	14678	14353	2.15	cps
Ytterbium	172-1	100	42	42	61	55.11	cps
Ytterbium	172-2	6	22	28	19	62.43	cps
Ytterbium	176-1	3109	3017	2592	2906	9.49	cps
Ytterbium	176-2	6452	6124	5812	6129	5.22	cps
Yttrium	89-1	28347155	28695225	27995517	28345966	1.23	cps
Yttrium	89-2	3041324	3027840	3005967	3025044	0.59	cps
Zinc	66-2	1627	1710	1650	1662	2.59	cps
Zirconium	90-1	20691	20432	19756	20293	2.38	cps
Zirconium	91-1	4776	4618	4326	4573	4.99	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : ICB25 Instrumnet Name : P8
 Client Sample ID : ICB25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:06:03 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	509	289	215	337	45.29	cps
Antimony	121-1	67	100	92	86	20.14	cps
Arsenic	75-2	39	6	3	16	124.85	cps
Barium	135-1	125	175	167	156	17.22	cps
Barium	137-1	350	150	225	242	41.81	cps
Beryllium	9-1	12	26	12	17	48.50	cps
Bismuth	209-1	13548656	13875696	13813681	13746011	1.26	cps
Bismuth	209-2	6941917	6886449	6729566	6852644	1.61	cps
Boron	10-1	718	666	724	703	4.54	cps
Boron	11-1	3140	3262	3318	3240	2.81	cps
Bromine	81-1	7971	8682	8121	8258	4.54	cps
Cadmium	111-1	908	930	809	883	7.29	cps
Cadmium	106-1	8828	9037	8119	8661	5.55	cps
Cadmium	108-1	29	33	75	46	55.30	cps
Calcium	43-1	506	477	485	490	3.05	cps
Calcium	44-1	34656	34739	34399	34598	0.51	cps
Carbon	12-1	6722510	6653360	6922434	6766101	2.07	cps
Carbon	12-2	67740	68593	67958	68097	0.65	cps
Chlorine	35-1	719257	708081	699308	708882	1.41	cps
Chlorine	35-2	4959	5159	4934	5018	2.46	cps
Chromium	52-2	1303	1287	1277	1289	1.05	cps
Cobalt	59-2	90	83	87	87	3.85	cps
Copper	63-2	1017	897	860	924	8.87	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	100	192	142	144	31.78	cps
Erbium	164-2	73	70	27	57	45.94	cps
Gadolinium	160-1	192	300	225	239	23.23	cps
Gadolinium	160-2	143	77	83	101	36.32	cps
Holmium	165-1	21796681	21880898	22285631	21987737	1.19	cps
Holmium	165-2	9417307	9248624	9240034	9301988	1.07	cps
Indium	115-1	19289833	19354989	18751288	19132037	1.73	cps
Indium	115-2	2844017	2851588	2775923	2823843	1.48	cps
Iron	54-2	772	517	500	596	25.60	cps
Iron	56-2	8118	4651	4440	5736	36.01	cps
Iron	57-2	222	167	133	174	25.80	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:06:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1053	1067	1044	2.66	cps
Lead	206-1	694	750	650	698	7.18	cps
Lead	207-1	661	583	639	628	6.38	cps
Lead	208-1	2817	2711	2978	2835	4.74	cps
Lithium	6-1	11053582	11148541	11013459	11071861	0.63	cps
Magnesium	24-2	1568	308	400	759	92.55	cps
Manganese	55-2	160	93	90	114	34.51	cps
Molybdenum	94-1	667	592	650	636	6.19	cps
Molybdenum	95-1	117	83	67	89	28.64	cps
Molybdenum	96-1	200	158	200	186	12.93	cps
Molybdenum	97-1	25	42	33	33	25.01	cps
Molybdenum	98-1	75	92	117	94	22.21	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33	50	57	47	25.76	cps
Phosphorus	31-2	317	292	158	256	33.31	cps
Potassium	39-2	16610	16360	16326	16432	0.94	cps
Rhodium	103-1	18588360	18599212	18558750	18582107	0.11	cps
Rhodium	103-2	8609612	8520453	8350973	8493680	1.55	cps
Scandium	45-1	14214496	14593279	14522221	14443332	1.39	cps
Scandium	45-2	475837	479948	473257	476347	0.71	cps
Selenium	82-1	105	10	-45	23	326.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	31	31	33	32	3.65	cps
Silicon	28-1	313749	312697	313538	313328	0.18	cps
Silver	107-1	142	142	100	128	18.83	cps
Silver	109-1	67	58	50	58	14.29	cps
Sodium	23-2	30296	27961	27443	28567	5.32	cps
Strontium	86-1	1617	1850	1750	1739	6.73	cps
Strontium	88-1	1008	1158	950	1039	10.35	cps
Sulfur	34-1	514573	516181	516137	515630	0.18	cps
Terbium	159-1	22773635	23228995	22341067	22781232	1.95	cps
Terbium	159-2	9495329	9217678	9259357	9324122	1.61	cps
Thallium	203-1	175	300	458	311	45.64	cps
Thallium	205-1	1033	817	908	920	11.83	cps
Tin	118-1	1250	1709	1283	1414	18.10	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:06:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	192	283	236	19.44	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	23	27	17	22	22.91	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	44	11	50	35	59.78	cps
Ytterbium	176-1	2675	2975	2892	2848	5.44	cps
Ytterbium	176-2	5212	5551	4990	5251	5.38	cps
Yttrium	89-1	29633985	30146889	30043813	29941562	0.91	cps
Yttrium	89-2	3203343	3085021	3135959	3141441	1.89	cps
Zinc	66-2	597	423	393	471	23.30	cps
Zirconium	90-1	1783	1792	1867	1814	2.53	cps
Zirconium	91-1	350	308	350	336	7.16	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : ICSA25 Instrumnet Name : P8
 Client Sample ID : ICSA25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:09:18 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9575387	9616904	9540352	9577547	0.40	cps
Antimony	121-1	10171	11730	11305	11069	7.28	cps
Arsenic	75-2	102	105	84	97	11.71	cps
Barium	135-1	3542	3509	3442	3498	1.46	cps
Barium	137-1	5918	6518	6293	6243	4.86	cps
Beryllium	9-1	1112	1182	1098	1130	3.98	cps
Bismuth	209-1	13092602	13058907	13123190	13091566	0.25	cps
Bismuth	209-2	6395084	6435118	6535941	6455381	1.12	cps
Boron	10-1	1088	1142	1024	1084	5.45	cps
Boron	11-1	4648	4562	4674	4628	1.27	cps
Bromine	81-1	8892	8682	9172	8915	2.76	cps
Cadmium	111-1	2163	2587	2438	2396	8.97	cps
Cadmium	106-1	7977	8520	8328	8275	3.32	cps
Cadmium	108-1	3288	3075	2975	3113	5.13	cps
Calcium	43-1	3902868	3824557	3860926	3862784	1.01	cps
Calcium	44-1	63966945	61625936	62899584	62830822	1.87	cps
Carbon	12-1	37179255	39058729	38927154	38388379	2.73	cps
Carbon	12-2	382090	383939	389067	385032	0.94	cps
Chlorine	35-1	21268682	26765758	32356714	26797051	20.69	cps
Chlorine	35-2	303972	330945	344031	326316	6.26	cps
Chromium	52-2	73216	74446	74262	73975	0.90	cps
Cobalt	59-2	7542	7532	7769	7614	1.76	cps
Copper	63-2	41678	41715	41421	41604	0.39	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	33	27	27	29	13.31	cps
Erbium	164-1	175	217	208	200	11.02	cps
Erbium	164-2	67	87	63	72	17.48	cps
Gadolinium	160-1	217	192	192	200	7.22	cps
Gadolinium	160-2	100	117	87	101	14.87	cps
Holmium	165-1	22029490	22339008	21939394	22102631	0.95	cps
Holmium	165-2	9243858	9379698	9579524	9401027	1.80	cps
Indium	115-1	18738726	18525761	18306712	18523733	1.17	cps
Indium	115-2	2701137	2686745	2732259	2706714	0.86	cps
Iron	54-2	15884455	15835264	15661645	15793788	0.74	cps
Iron	56-2	293513151	291963107	294284040	293253432	0.40	cps
Iron	57-2	7000527	7077267	7122034	7066609	0.87	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : ICSA25 Instrumnet Name : P8
 Client Sample ID : ICSA25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:09:18 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1103	1170	1109	5.28	cps
Lead	206-1	36702	35800	35928	36143	1.35	cps
Lead	207-1	28042	29255	28944	28747	2.19	cps
Lead	208-1	136023	136395	135815	136078	0.22	cps
Lithium	6-1	10933931	10878564	10726487	10846328	0.99	cps
Magnesium	24-2	28183932	28542449	27746743	28157708	1.42	cps
Manganese	55-2	13019	13610	13543	13391	2.42	cps
Molybdenum	94-1	6363057	6459898	6291434	6371463	1.33	cps
Molybdenum	95-1	11146057	11268852	11006072	11140327	1.18	cps
Molybdenum	96-1	11626157	12241038	11856363	11907852	2.61	cps
Molybdenum	97-1	6682639	6990574	6846186	6839799	2.25	cps
Molybdenum	98-1	17584189	17582630	17598420	17588413	0.05	cps
Neodymium	150-1	40	40	67	49	31.50	cps
Neodymium	150-2	30	17	10	19	53.91	cps
Nickel	60-2	9820	9710	9757	9762	0.57	cps
Phosphorus	31-2	524563	530271	537660	530831	1.24	cps
Potassium	39-2	19280638	19068404	19626178	19325074	1.46	cps
Rhodium	103-1	17215010	17452474	17257081	17308188	0.73	cps
Rhodium	103-2	7870994	8046267	8009914	7975725	1.16	cps
Scandium	45-1	14249779	14307040	14239561	14265460	0.25	cps
Scandium	45-2	476725	478129	482616	479156	0.64	cps
Selenium	82-1	-23	-77	-114	-71	-64.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	34	22	32	29	21.92	cps
Silicon	28-1	693766	741468	770759	735331	5.28	cps
Silver	107-1	525	492	500	506	3.43	cps
Silver	109-1	367	250	333	317	18.98	cps
Sodium	23-2	55759978	57444253	55996239	56400157	1.62	cps
Strontium	86-1	128170	131566	129496	129744	1.32	cps
Strontium	88-1	1115338	1104865	1093681	1104628	0.98	cps
Sulfur	34-1	6413720	6499883	6504711	6472771	0.79	cps
Terbium	159-1	22493071	22000393	22939202	22477556	2.09	cps
Terbium	159-2	9288190	9208024	9514326	9336847	1.70	cps
Thallium	203-1	367	358	433	386	10.65	cps
Thallium	205-1	1025	992	1200	1072	10.44	cps
Tin	118-1	2967	3217	3300	3162	5.49	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:09:18	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3781487	3805491	3833153	3806710	0.68	cps
Uranium	238-1	508	417	592	506	17.32	cps
Vanadium	51-2	387	403	510	433	15.44	cps
Ytterbium	172-1	75	108	50	78	37.63	cps
Ytterbium	172-2	39	11	44	31	56.73	cps
Ytterbium	176-1	2750	2800	2292	2614	10.72	cps
Ytterbium	176-2	3773	3945	3523	3747	5.67	cps
Yttrium	89-1	29865035	29940514	29647211	29817587	0.51	cps
Yttrium	89-2	3118297	3187429	3142151	3149292	1.12	cps
Zinc	66-2	6915	6945	6998	6953	0.61	cps
Zirconium	90-1	2342	1925	2284	2184	10.33	cps
Zirconium	91-1	450	442	367	419	10.94	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9830108	9640492	9909780	9793460	1.41	cps
Antimony	121-1	215801	217132	219748	217560	0.92	cps
Arsenic	75-2	6740	6711	6830	6761	0.92	cps
Barium	135-1	54385	54468	53080	53978	1.44	cps
Barium	137-1	92954	94395	95554	94301	1.38	cps
Beryllium	9-1	82903	82448	81549	82300	0.84	cps
Bismuth	209-1	13004280	12944904	12939451	12962878	0.28	cps
Bismuth	209-2	6509114	6481006	6570141	6520087	0.70	cps
Boron	10-1	25809	26567	27324	26567	2.85	cps
Boron	11-1	117968	120294	125218	121160	3.06	cps
Bromine	81-1	10124	10004	9553	9894	3.04	cps
Cadmium	111-1	54129	53929	56116	54724	2.21	cps
Cadmium	106-1	15167	15943	16243	15784	3.52	cps
Cadmium	108-1	7973	7982	7877	7944	0.73	cps
Calcium	43-1	4030732	4107716	4067715	4068721	0.95	cps
Calcium	44-1	65138040	66430556	65643805	65737467	0.99	cps
Carbon	12-1	39722671	39347861	39205451	39425328	0.68	cps
Carbon	12-2	405167	395983	396144	399098	1.32	cps
Chlorine	35-1	36856377	42598011	45421279	41625222	10.49	cps
Chlorine	35-2	375219	396209	404155	391861	3.82	cps
Chromium	52-2	151427	150429	150312	150723	0.41	cps
Cobalt	59-2	141620	140093	139598	140437	0.75	cps
Copper	63-2	138195	136617	136715	137176	0.64	cps
Dysprosium	156-1	50	83	75	69	24.98	cps
Dysprosium	156-2	13	27	23	21	32.88	cps
Erbium	164-1	183	192	108	161	28.49	cps
Erbium	164-2	63	80	33	59	40.16	cps
Gadolinium	160-1	233	300	275	269	12.50	cps
Gadolinium	160-2	80	110	117	102	19.11	cps
Holmium	165-1	21603304	21796826	22013048	21804393	0.94	cps
Holmium	165-2	9268591	9735905	9565800	9523432	2.48	cps
Indium	115-1	18445826	18462197	18376122	18428048	0.25	cps
Indium	115-2	2736971	2776706	2700612	2738096	1.39	cps
Iron	54-2	16204096	16475712	16361674	16347161	0.83	cps
Iron	56-2	300411162	305908062	303383896	303234373	0.91	cps
Iron	57-2	7593560	7360544	7332959	7429021	1.93	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1023	1117	1089	5.23	cps
Lead	206-1	193396	191669	193450	192838	0.53	cps
Lead	207-1	159858	163108	164072	162346	1.36	cps
Lead	208-1	740943	749293	757190	749142	1.08	cps
Lithium	6-1	10792192	10626866	10960283	10793114	1.54	cps
Magnesium	24-2	29239524	28510956	28580391	28776957	1.40	cps
Manganese	55-2	49144	49409	48529	49027	0.92	cps
Molybdenum	94-1	6855161	6735413	6918596	6836390	1.36	cps
Molybdenum	95-1	11465273	11156480	11467577	11363110	1.57	cps
Molybdenum	96-1	12194818	12188419	12405389	12262876	1.01	cps
Molybdenum	97-1	7017975	7012709	7032764	7021150	0.15	cps
Molybdenum	98-1	18300879	18589505	18241085	18377156	1.01	cps
Neodymium	150-1	67	27	53	49	41.66	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	45506	45513	45395	45471	0.14	cps
Phosphorus	31-2	546826	545428	541928	544727	0.46	cps
Potassium	39-2	20114446	20012246	19558972	19895221	1.49	cps
Rhodium	103-1	17709672	17887882	17605951	17734502	0.80	cps
Rhodium	103-2	8072294	8093122	8128058	8097824	0.35	cps
Scandium	45-1	14386070	14626751	14417367	14476729	0.90	cps
Scandium	45-2	496802	493740	499423	496655	0.57	cps
Selenium	82-1	4598	4504	4434	4512	1.82	cps
Selenium	77-2	157	120	140	139	13.22	cps
Selenium	78-2	500	518	515	511	1.89	cps
Silicon	28-1	566696	639282	646335	617438	7.14	cps
Silver	107-1	275653	277038	275199	275963	0.35	cps
Silver	109-1	261250	262149	266519	263306	1.07	cps
Sodium	23-2	58780497	56792030	58326833	57966453	1.80	cps
Strontium	86-1	320050	319826	324546	321474	0.83	cps
Strontium	88-1	2829003	2793685	2847673	2823454	0.97	cps
Sulfur	34-1	6676200	6694382	6821074	6730552	1.17	cps
Terbium	159-1	23003155	23320963	23137498	23153872	0.69	cps
Terbium	159-2	9523067	9428357	9394689	9448704	0.70	cps
Thallium	203-1	197471	197233	195865	196856	0.44	cps
Thallium	205-1	471993	467380	473988	471120	0.72	cps
Tin	118-1	444335	447197	434538	442023	1.50	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:12:14	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3942852	3874509	3877025	3898128	0.99	cps
Uranium	238-1	1543789	1545737	1538403	1542643	0.25	cps
Vanadium	51-2	59537	60564	60420	60174	0.92	cps
Ytterbium	172-1	50	92	17	53	71.20	cps
Ytterbium	172-2	33	39	39	37	8.67	cps
Ytterbium	176-1	2567	2450	2859	2625	8.01	cps
Ytterbium	176-2	2989	3378	3034	3134	6.79	cps
Yttrium	89-1	30307952	29904245	30427705	30213301	0.91	cps
Yttrium	89-2	3223285	3243927	3282979	3250064	0.93	cps
Zinc	66-2	18986	18012	18282	18427	2.73	cps
Zirconium	90-1	1016364	1001730	1001898	1006664	0.83	cps
Zirconium	91-1	219078	223620	222528	221742	1.07	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5172755	5175607	5195363	5181242	0.24	cps
Antimony	121-1	4816565	4872236	4875089	4854630	0.68	cps
Arsenic	75-2	160273	161889	160628	160930	0.53	cps
Barium	135-1	6069210	6133899	6093433	6098847	0.54	cps
Barium	137-1	10603897	10367891	10405625	10459138	1.21	cps
Beryllium	9-1	1984530	1954306	1916296	1951711	1.75	cps
Bismuth	209-1	12141522	12464009	12643408	12416313	2.05	cps
Bismuth	209-2	6238477	6144867	6173035	6185460	0.78	cps
Boron	10-1	224620	244977	246262	238620	5.09	cps
Boron	11-1	968605	1028052	1055698	1017452	4.37	cps
Bromine	81-1	9142	8551	8031	8575	6.49	cps
Cadmium	111-1	1286466	1303086	1296219	1295257	0.64	cps
Cadmium	106-1	157815	152972	159307	156698	2.11	cps
Cadmium	108-1	103060	104119	106079	104419	1.47	cps
Calcium	43-1	10193171	10207795	10324165	10241710	0.70	cps
Calcium	44-1	163488324	164529004	163048024	163688451	0.46	cps
Carbon	12-1	11334597	11934280	12322163	11863680	4.19	cps
Carbon	12-2	138575	136270	136044	136963	1.02	cps
Chlorine	35-1	1246147	1214465	1205336	1221982	1.75	cps
Chlorine	35-2	9312	8961	8920	9064	2.37	cps
Chromium	52-2	1865517	1857141	1881889	1868182	0.67	cps
Cobalt	59-2	3227705	3217860	3228398	3224654	0.18	cps
Copper	63-2	23830127	23843628	23577609	23750455	0.63	cps
Dysprosium	156-1	1000	1050	1083	1045	4.02	cps
Dysprosium	156-2	560	433	560	518	14.13	cps
Erbium	164-1	317	292	358	322	10.45	cps
Erbium	164-2	137	140	130	136	3.76	cps
Gadolinium	160-1	1042	1292	1325	1220	12.70	cps
Gadolinium	160-2	653	700	633	662	5.17	cps
Holmium	165-1	21057360	21121137	21535258	21237919	1.22	cps
Holmium	165-2	9288559	9290665	9119858	9233028	1.06	cps
Indium	115-1	17492861	17645089	18273584	17803844	2.32	cps
Indium	115-2	2655689	2675074	2649275	2660013	0.50	cps
Iron	54-2	19543989	19886872	19921208	19784023	1.05	cps
Iron	56-2	358762019	362442308	361717108	360973812	0.54	cps
Iron	57-2	8941964	8915713	8820051	8892576	0.72	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1133	1143	1121	2.70	cps
Lead	206-1	18707493	19347692	19079348	19044844	1.69	cps
Lead	207-1	16722605	16949069	16402635	16691436	1.64	cps
Lead	208-1	75898953	77510627	76695888	76701823	1.05	cps
Lithium	6-1	10644184	10476459	10377129	10499257	1.29	cps
Magnesium	24-2	75069166	72943250	74217362	74076593	1.44	cps
Manganese	55-2	9217865	9181607	9252101	9217191	0.38	cps
Molybdenum	94-1	11782353	11966014	11796674	11848347	0.86	cps
Molybdenum	95-1	14351277	14650662	14631151	14544364	1.15	cps
Molybdenum	96-1	16204315	16037145	15997033	16079497	0.68	cps
Molybdenum	97-1	8855867	8911439	8806265	8857857	0.59	cps
Molybdenum	98-1	23122307	23423911	23328607	23291608	0.66	cps
Neodymium	150-1	260	280	260	267	4.33	cps
Neodymium	150-2	33	23	27	28	18.33	cps
Nickel	60-2	881533	883756	886161	883817	0.26	cps
Phosphorus	31-2	54997	55348	54319	54888	0.95	cps
Potassium	39-2	25134295	24808452	25061867	25001538	0.68	cps
Rhodium	103-1	16678158	16749394	16400284	16609279	1.11	cps
Rhodium	103-2	7634794	7620739	7623767	7626433	0.10	cps
Scandium	45-1	13441478	13935808	14231141	13869475	2.88	cps
Scandium	45-2	482423	482188	476229	480280	0.73	cps
Selenium	82-1	105718	106869	106571	106386	0.56	cps
Selenium	77-2	3067	3254	3200	3174	3.03	cps
Selenium	78-2	10919	11266	10996	11060	1.64	cps
Silicon	28-1	5506704	5865291	6127933	5833309	5.35	cps
Silver	107-1	7014980	6884509	7010912	6970134	1.06	cps
Silver	109-1	6543476	6791793	6546470	6627246	2.15	cps
Sodium	23-2	143449970	140305007	141745295	141833424	1.11	cps
Strontium	86-1	18069261	18453760	18462217	18328413	1.22	cps
Strontium	88-1	156794920	159382141	159470695	158549252	0.96	cps
Sulfur	34-1	1109740	1104619	1103018	1105793	0.32	cps
Terbium	159-1	21889786	22008807	22353252	22083949	1.09	cps
Terbium	159-2	9321877	9283391	9085193	9230153	1.38	cps
Thallium	203-1	4637657	4757237	4752328	4715741	1.43	cps
Thallium	205-1	10848127	11019640	10880889	10916219	0.83	cps
Tin	118-1	4258465	4329688	4418076	4335410	1.84	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:27:08	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4630426	4707817	4684857	4674366	0.85	cps
Uranium	238-1	15355204	15313824	15625446	15431491	1.10	cps
Vanadium	51-2	1489980	1496341	1488427	1491583	0.28	cps
Ytterbium	172-1	42	92	58	64	39.85	cps
Ytterbium	172-2	44	50	28	41	28.38	cps
Ytterbium	176-1	2342	2700	2775	2606	8.89	cps
Ytterbium	176-2	4090	4229	4140	4153	1.69	cps
Yttrium	89-1	28128905	29435193	29322579	28962225	2.50	cps
Yttrium	89-2	3122891	3182552	3109141	3138195	1.24	cps
Zinc	66-2	2809079	2818911	2822740	2816910	0.25	cps
Zirconium	90-1	9482381	9650923	9827147	9653484	1.79	cps
Zirconium	91-1	2151592	2147550	2218329	2172491	1.83	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:47:01 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219	246	221	229	6.65	cps
Antimony	121-1	225	217	308	250	20.28	cps
Arsenic	75-2	7	4	4	5	34.64	cps
Barium	135-1	142	217	250	203	27.36	cps
Barium	137-1	242	325	300	289	14.80	cps
Beryllium	9-1	34	34	44	37	15.47	cps
Bismuth	209-1	13819877	13801505	14063754	13895045	1.05	cps
Bismuth	209-2	6680800	6732523	6889859	6767727	1.61	cps
Boron	10-1	1792	1782	1792	1788	0.32	cps
Boron	11-1	7861	8045	7735	7880	1.98	cps
Bromine	81-1	8551	8672	8752	8658	1.17	cps
Cadmium	111-1	881	889	876	882	0.73	cps
Cadmium	106-1	8578	8469	8778	8609	1.82	cps
Cadmium	108-1	50	42	63	51	20.40	cps
Calcium	43-1	501	456	489	482	4.82	cps
Calcium	44-1	34033	33636	33779	33816	0.59	cps
Carbon	12-1	6880713	6909102	6910720	6900178	0.24	cps
Carbon	12-2	70545	70076	68058	69560	1.90	cps
Chlorine	35-1	447909	446128	448687	447575	0.29	cps
Chlorine	35-2	3325	3109	2842	3092	7.83	cps
Chromium	52-2	1167	1097	1143	1136	3.14	cps
Cobalt	59-2	127	133	93	118	18.20	cps
Copper	63-2	953	900	1030	961	6.80	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	192	142	117	150	25.46	cps
Erbium	164-2	47	53	40	47	14.28	cps
Gadolinium	160-1	192	183	300	225	28.93	cps
Gadolinium	160-2	97	107	80	94	14.27	cps
Holmium	165-1	21533666	21763292	21644798	21647252	0.53	cps
Holmium	165-2	9219734	9298959	9322695	9280463	0.58	cps
Indium	115-1	19511824	19043092	18992154	19182357	1.49	cps
Indium	115-2	2749271	2704049	2781174	2744831	1.41	cps
Iron	54-2	450	528	528	502	8.95	cps
Iron	56-2	4762	4712	4456	4643	3.53	cps
Iron	57-2	172	133	144	150	13.35	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:47:01	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	990	1020	1009	1.63	cps
Lead	206-1	856	878	933	889	4.51	cps
Lead	207-1	800	672	800	757	9.74	cps
Lead	208-1	3484	3334	3745	3521	5.91	cps
Lithium	6-1	10971134	11025801	11211127	11069354	1.14	cps
Magnesium	24-2	375	533	600	503	22.99	cps
Manganese	55-2	130	83	127	113	22.97	cps
Molybdenum	94-1	550	642	750	647	15.47	cps
Molybdenum	95-1	50	92	100	81	33.25	cps
Molybdenum	96-1	250	242	208	233	9.45	cps
Molybdenum	97-1	108	58	42	69	49.96	cps
Molybdenum	98-1	75	117	117	103	23.41	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	57	27	54	49.10	cps
Phosphorus	31-2	192	250	300	247	21.93	cps
Potassium	39-2	17094	16652	16610	16785	1.60	cps
Rhodium	103-1	17913504	18243684	18414652	18190613	1.40	cps
Rhodium	103-2	8211651	8397111	8217602	8275454	1.27	cps
Scandium	45-1	14080787	13910420	14255617	14082275	1.23	cps
Scandium	45-2	470850	473784	473061	472565	0.32	cps
Selenium	82-1	-5	30	-6	6	331.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	34	24	30	17.64	cps
Silicon	28-1	312976	311382	307180	310512	0.96	cps
Silver	107-1	142	200	175	172	16.99	cps
Silver	109-1	108	117	75	100	22.05	cps
Sodium	23-2	31977	32846	33689	32837	2.61	cps
Strontium	86-1	1842	1650	2017	1836	9.99	cps
Strontium	88-1	1150	1142	1375	1222	10.83	cps
Sulfur	34-1	534454	527548	530393	530798	0.65	cps
Terbium	159-1	22308791	22581883	22539853	22476842	0.65	cps
Terbium	159-2	9324632	9144519	9421788	9296980	1.51	cps
Thallium	203-1	375	317	400	364	11.75	cps
Thallium	205-1	958	942	950	950	0.88	cps
Tin	118-1	1033	1258	1292	1195	11.77	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:47:01	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	183	267	219	19.49	cps
Uranium	238-1	17	8	42	22	78.07	cps
Vanadium	51-2	17	20	13	17	20.01	cps
Ytterbium	172-1	50	50	50	50	0.00	cps
Ytterbium	172-2	56	28	28	37	43.30	cps
Ytterbium	176-1	2850	2659	2617	2709	4.60	cps
Ytterbium	176-2	4718	4645	4456	4606	2.93	cps
Yttrium	89-1	29836022	29046024	29400884	29427643	1.34	cps
Yttrium	89-2	3028223	3121110	3071737	3073690	1.51	cps
Zinc	66-2	460	420	393	424	7.91	cps
Zirconium	90-1	1792	1817	1950	1853	4.59	cps
Zirconium	91-1	358	308	367	344	9.16	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:50:01 DataFile Name : 024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2314	2361	2286	2320	1.64	cps
Antimony	121-1	20624	20900	20608	20711	0.79	cps
Arsenic	75-2	344	344	319	336	4.30	cps
Barium	135-1	25091	25909	26000	25667	1.95	cps
Barium	137-1	45511	43596	43646	44251	2.47	cps
Beryllium	9-1	4524	4448	4346	4439	2.01	cps
Bismuth	209-1	12945744	14197518	13839851	13661038	4.72	cps
Bismuth	209-2	6882546	6932889	6845528	6886988	0.64	cps
Boron	10-1	12599	13696	13876	13390	5.16	cps
Boron	11-1	57179	60902	62713	60264	4.68	cps
Bromine	81-1	7830	8632	8762	8408	6.00	cps
Cadmium	111-1	3972	3687	3447	3702	7.10	cps
Cadmium	106-1	8795	9087	9445	9109	3.58	cps
Cadmium	108-1	267	258	342	289	15.89	cps
Calcium	43-1	21135	20558	20950	20881	1.41	cps
Calcium	44-1	362843	361793	360044	361560	0.39	cps
Carbon	12-1	7266335	7282538	7290225	7279699	0.17	cps
Carbon	12-2	72010	72630	73735	72792	1.20	cps
Chlorine	35-1	468323	477673	470521	472172	1.04	cps
Chlorine	35-2	3400	3375	3134	3303	4.46	cps
Chromium	52-2	8679	8543	8579	8600	0.82	cps
Cobalt	59-2	6865	6818	6662	6782	1.57	cps
Copper	63-2	10531	10697	10888	10705	1.67	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	167	125	100	131	25.80	cps
Erbium	164-2	77	47	67	63	24.12	cps
Gadolinium	160-1	217	200	258	225	13.35	cps
Gadolinium	160-2	100	87	47	78	35.68	cps
Holmium	165-1	20739467	22394574	21760198	21631413	3.86	cps
Holmium	165-2	9396803	9308305	9335385	9346831	0.49	cps
Indium	115-1	17480423	19467307	19352649	18766793	5.94	cps
Indium	115-2	2808116	2812201	2797621	2805979	0.27	cps
Iron	54-2	8764	8853	8575	8731	1.63	cps
Iron	56-2	156197	157601	155482	156427	0.69	cps
Iron	57-2	3828	3773	3973	3858	2.68	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 13:50:01 DataFile Name : 024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1060	1067	1049	2.41	cps
Lead	206-1	8814	8698	8948	8820	1.42	cps
Lead	207-1	7886	7641	7502	7676	2.53	cps
Lead	208-1	35920	35542	34813	35425	1.59	cps
Lithium	6-1	10768948	11410547	11211679	11130391	2.95	cps
Magnesium	24-2	152393	150093	148427	150305	1.32	cps
Manganese	55-2	1950	1893	2003	1949	2.82	cps
Molybdenum	94-1	25023	24313	23754	24364	2.61	cps
Molybdenum	95-1	29265	29081	28797	29048	0.81	cps
Molybdenum	96-1	32079	33433	31879	32464	2.60	cps
Molybdenum	97-1	18530	18396	17687	18204	2.49	cps
Molybdenum	98-1	45610	46478	46730	46273	1.27	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2110	2010	1840	1987	6.87	cps
Phosphorus	31-2	242	242	275	253	7.61	cps
Potassium	39-2	115108	114653	114352	114704	0.33	cps
Rhodium	103-1	17638694	18477331	18361560	18159195	2.50	cps
Rhodium	103-2	8498347	8481439	8382811	8454199	0.74	cps
Scandium	45-1	13581628	14574921	14102274	14086274	3.53	cps
Scandium	45-2	485549	475458	477474	479494	1.11	cps
Selenium	82-1	1263	1171	1109	1181	6.59	cps
Selenium	77-2	37	30	50	39	26.18	cps
Selenium	78-2	137	155	150	147	6.31	cps
Silicon	28-1	431288	433489	427111	430629	0.75	cps
Silver	107-1	14608	14441	15134	14728	2.45	cps
Silver	109-1	14124	13599	13724	13816	1.99	cps
Sodium	23-2	326187	322177	326701	325022	0.76	cps
Strontium	86-1	5701	5626	6035	5787	3.76	cps
Strontium	88-1	36925	36548	36131	36535	1.09	cps
Sulfur	34-1	536049	534733	534356	535046	0.17	cps
Terbium	159-1	21157634	22808033	22829120	22264929	4.31	cps
Terbium	159-2	9296785	9349469	9154501	9266918	1.09	cps
Thallium	203-1	10321	10204	10087	10204	1.14	cps
Thallium	205-1	24232	23522	24332	24028	1.84	cps
Tin	118-1	47693	47491	47750	47645	0.29	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 13:50:01	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9837	9754	9520	9704	1.69	cps
Uranium	238-1	29786	30329	30253	30123	0.98	cps
Vanadium	51-2	15272	15168	14608	15016	2.38	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	22	28	39	30	28.65	cps
Ytterbium	176-1	2550	2875	2792	2739	6.16	cps
Ytterbium	176-2	3689	3695	3223	3536	7.67	cps
Yttrium	89-1	27744388	29894753	29946579	29195240	4.30	cps
Yttrium	89-2	3196019	3128850	3165423	3163431	1.06	cps
Zinc	66-2	1877	1893	1823	1865	1.96	cps
Zirconium	90-1	20841	20991	21208	21014	0.88	cps
Zirconium	91-1	4943	4518	4634	4698	4.68	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : PB138657BL Instrumnet Name : P8
 Client Sample ID : PB138657BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 14:06:52 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247	275	249	257	6.04	cps
Antimony	121-1	67	117	67	83	34.64	cps
Arsenic	75-2	3	6	4	4	35.25	cps
Barium	135-1	192	125	167	161	20.90	cps
Barium	137-1	283	333	342	319	9.88	cps
Beryllium	9-1	26	28	26	27	4.33	cps
Bismuth	209-1	13650640	13767282	13860256	13759393	0.76	cps
Bismuth	209-2	6919347	6970794	6955124	6948422	0.38	cps
Boron	10-1	998	1110	1078	1062	5.43	cps
Boron	11-1	5022	5124	5268	5138	2.41	cps
Bromine	81-1	8942	8592	8311	8615	3.67	cps
Cadmium	111-1	910	828	906	881	5.26	cps
Cadmium	106-1	8861	8378	8820	8686	3.09	cps
Cadmium	108-1	25	50	38	38	33.33	cps
Calcium	43-1	474	500	465	480	3.80	cps
Calcium	44-1	33631	33519	33840	33664	0.48	cps
Carbon	12-1	7120626	7204807	7147485	7157639	0.60	cps
Carbon	12-2	73710	71809	72747	72755	1.31	cps
Chlorine	35-1	350058	352931	351696	351562	0.41	cps
Chlorine	35-2	2650	2450	2425	2509	4.92	cps
Chromium	52-2	1297	1193	1220	1237	4.34	cps
Cobalt	59-2	93	130	107	110	16.87	cps
Copper	63-2	800	840	883	841	4.96	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	217	217	208	214	2.25	cps
Erbium	164-2	43	60	53	52	16.07	cps
Gadolinium	160-1	208	175	200	194	8.92	cps
Gadolinium	160-2	93	97	97	96	2.02	cps
Holmium	165-1	22039022	21529507	22278758	21949095	1.74	cps
Holmium	165-2	9508815	9576827	9542655	9542765	0.36	cps
Indium	115-1	19209004	18970228	18955400	19044877	0.75	cps
Indium	115-2	2767475	2824662	2790024	2794054	1.03	cps
Iron	54-2	389	506	489	461	13.68	cps
Iron	56-2	3689	3678	3606	3658	1.24	cps
Iron	57-2	89	111	117	106	13.93	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BL	Instrumnet Name :	P8
Client Sample ID :	PB138657BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	900	1037	1001	8.87	cps
Lead	206-1	822	722	828	791	7.51	cps
Lead	207-1	717	667	694	693	3.62	cps
Lead	208-1	3117	3050	3222	3130	2.77	cps
Lithium	6-1	11475292	11258427	11502824	11412181	1.17	cps
Magnesium	24-2	267	275	358	300	16.90	cps
Manganese	55-2	53	47	70	57	21.21	cps
Molybdenum	94-1	533	717	567	606	16.13	cps
Molybdenum	95-1	58	50	17	42	52.91	cps
Molybdenum	96-1	192	183	142	172	15.55	cps
Molybdenum	97-1	0	8	8	6	86.60	cps
Molybdenum	98-1	75	50	67	64	19.92	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	37	50	40	42	16.43	cps
Phosphorus	31-2	242	267	250	253	5.04	cps
Potassium	39-2	16243	17186	16702	16710	2.82	cps
Rhodium	103-1	18517793	18601437	18332514	18483914	0.74	cps
Rhodium	103-2	8568428	8675860	8634519	8626269	0.63	cps
Scandium	45-1	14236459	14269905	14712222	14406195	1.84	cps
Scandium	45-2	479329	483408	482584	481774	0.45	cps
Selenium	82-1	-49	157	7	38	276.17	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	25	33	36	31	18.15	cps
Silicon	28-1	319022	314748	318989	317586	0.77	cps
Silver	107-1	175	175	175	175	0.00	cps
Silver	109-1	42	100	117	86	45.73	cps
Sodium	23-2	29564	30858	29806	30076	2.29	cps
Strontium	86-1	1767	2000	1884	1884	6.20	cps
Strontium	88-1	1050	1050	1083	1061	1.81	cps
Sulfur	34-1	549782	553466	551440	551563	0.33	cps
Terbium	159-1	22640796	23068940	23027561	22912432	1.03	cps
Terbium	159-2	9499217	9364870	9456971	9440353	0.73	cps
Thallium	203-1	275	200	217	231	17.08	cps
Thallium	205-1	542	492	425	486	12.04	cps
Tin	118-1	1233	1225	1225	1228	0.39	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BL	Instrumnet Name :	P8
Client Sample ID :	PB138657BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	258	208	247	14.03	cps
Uranium	238-1	0	0	17	6	173.21	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Ytterbium	172-1	33	50	100	61	56.78	cps
Ytterbium	172-2	22	39	28	30	28.65	cps
Ytterbium	176-1	2767	2742	3109	2873	7.13	cps
Ytterbium	176-2	4384	4317	3795	4166	7.74	cps
Yttrium	89-1	30151837	29938290	30543904	30211343	1.02	cps
Yttrium	89-2	3163492	3199681	3213514	3192229	0.81	cps
Zinc	66-2	463	373	383	407	12.13	cps
Zirconium	90-1	1658	1859	1759	1758	5.69	cps
Zirconium	91-1	425	375	258	353	24.24	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BS	Instrumnet Name :	P8
Client Sample ID :	PB138657BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:09:52	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1037038	1038040	1039388	1038156	0.11	cps
Antimony	121-1	5174269	5297266	5158693	5210076	1.46	cps
Arsenic	75-2	163596	163754	164832	164061	0.41	cps
Barium	135-1	6332308	6483438	6292019	6369255	1.58	cps
Barium	137-1	11166926	11136749	10933842	11079172	1.14	cps
Beryllium	9-1	2090402	2153520	2131278	2125067	1.51	cps
Bismuth	209-1	13722369	13751920	13543438	13672575	0.83	cps
Bismuth	209-2	6673290	6715887	6753594	6714257	0.60	cps
Boron	10-1	233367	246855	252021	244081	3.95	cps
Boron	11-1	976909	1045821	1090009	1037580	5.49	cps
Bromine	81-1	8922	7860	8191	8324	6.53	cps
Cadmium	111-1	1376430	1368513	1377271	1374071	0.35	cps
Cadmium	106-1	168896	168485	164174	167185	1.56	cps
Cadmium	108-1	109917	110115	112274	110769	1.18	cps
Calcium	43-1	2189762	2220088	2207351	2205734	0.69	cps
Calcium	44-1	34243061	33605384	33854332	33900926	0.95	cps
Carbon	12-1	9020834	9466381	9682606	9389940	3.59	cps
Carbon	12-2	104328	103883	103909	104040	0.24	cps
Chlorine	35-1	367405	365306	365120	365944	0.35	cps
Chlorine	35-2	2817	2609	2792	2739	4.15	cps
Chromium	52-2	1909043	1922153	1903966	1911721	0.49	cps
Cobalt	59-2	3368359	3324139	3338213	3343570	0.68	cps
Copper	63-2	24469079	24604383	24746950	24606804	0.56	cps
Dysprosium	156-1	442	375	450	422	9.74	cps
Dysprosium	156-2	117	117	117	117	0.00	cps
Erbium	164-1	183	325	250	253	28.04	cps
Erbium	164-2	100	53	87	80	30.05	cps
Gadolinium	160-1	567	417	567	517	16.76	cps
Gadolinium	160-2	247	280	227	251	10.73	cps
Holmium	165-1	21914940	21827431	22077006	21939792	0.58	cps
Holmium	165-2	9387992	9455358	9687324	9510225	1.65	cps
Indium	115-1	18686569	19227105	18612440	18842038	1.78	cps
Indium	115-2	2661279	2719418	2702986	2694561	1.11	cps
Iron	54-2	4235263	4161052	4206258	4200858	0.89	cps
Iron	56-2	74436568	74970102	75440218	74948963	0.67	cps
Iron	57-2	1881164	1877734	1920788	1893228	1.26	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BS	Instrumnet Name :	P8
Client Sample ID :	PB138657BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:09:52	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1147	1067	1077	6.09	cps
Lead	206-1	21558552	20998832	20865951	21141112	1.74	cps
Lead	207-1	18485474	18332652	18321433	18379853	0.50	cps
Lead	208-1	84714494	83387789	83575542	83892608	0.86	cps
Lithium	6-1	11117410	11385238	11345176	11282608	1.28	cps
Magnesium	24-2	15414876	15465671	15495405	15458651	0.26	cps
Manganese	55-2	9171417	9065170	8958829	9065138	1.17	cps
Molybdenum	94-1	12311766	12235061	12337955	12294928	0.43	cps
Molybdenum	95-1	15193508	15033981	15200774	15142754	0.62	cps
Molybdenum	96-1	16851045	17054310	16605757	16837037	1.33	cps
Molybdenum	97-1	9273905	9499618	9098930	9290818	2.16	cps
Molybdenum	98-1	24413892	24367709	24289884	24357162	0.26	cps
Neodymium	150-1	333	260	327	307	13.22	cps
Neodymium	150-2	53	20	37	37	45.45	cps
Nickel	60-2	888594	898196	896048	894280	0.56	cps
Phosphorus	31-2	56209	55767	55799	55925	0.44	cps
Potassium	39-2	5024688	5159952	5142072	5108904	1.44	cps
Rhodium	103-1	18511630	18448713	17562134	18174159	2.92	cps
Rhodium	103-2	8048962	8178483	8269095	8165514	1.35	cps
Scandium	45-1	14286648	14277666	14151606	14238640	0.53	cps
Scandium	45-2	476170	479356	485617	480381	1.00	cps
Selenium	82-1	113645	115084	113799	114176	0.69	cps
Selenium	77-2	3430	3107	3150	3229	5.44	cps
Selenium	78-2	11481	11455	11422	11452	0.26	cps
Silicon	28-1	4815862	4950773	4986712	4917782	1.83	cps
Silver	107-1	7362022	7378529	7522034	7420862	1.19	cps
Silver	109-1	7053275	7117385	7123894	7098185	0.55	cps
Sodium	23-2	29199080	29346970	29274315	29273455	0.25	cps
Strontium	86-1	18934808	19160147	19944158	19346371	2.74	cps
Strontium	88-1	165863500	168055370	166428487	166782452	0.68	cps
Sulfur	34-1	1163622	1155298	1146573	1155164	0.74	cps
Terbium	159-1	23222105	23432714	23030173	23228331	0.87	cps
Terbium	159-2	9442555	9290854	9626683	9453364	1.78	cps
Thallium	203-1	5188143	5195342	5113916	5165800	0.87	cps
Thallium	205-1	12045055	12163842	11946175	12051691	0.90	cps
Tin	118-1	4612801	4809623	4676456	4699627	2.14	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	PB138657BS	Instrumnet Name :	P8
Client Sample ID :	PB138657BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:09:52	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4886945	4926912	4814133	4875997	1.17	cps
Uranium	238-1	16284852	15848378	16108444	16080558	1.37	cps
Vanadium	51-2	1524602	1514513	1512353	1517156	0.43	cps
Ytterbium	172-1	25	50	75	50	50.00	cps
Ytterbium	172-2	28	39	39	35	18.23	cps
Ytterbium	176-1	2967	2784	2917	2889	3.28	cps
Ytterbium	176-2	3245	3300	3256	3267	0.90	cps
Yttrium	89-1	29596785	29364504	29860560	29607283	0.84	cps
Yttrium	89-2	3150008	3168302	3219357	3179222	1.13	cps
Zinc	66-2	2970802	3059012	3025860	3018558	1.48	cps
Zirconium	90-1	9920208	9965218	9872617	9919348	0.47	cps
Zirconium	91-1	2238872	2248133	2238347	2241784	0.25	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	828452	829033	821957	826480	0.48	cps
Antimony	121-1	2967	3000	3359	3109	6.99	cps
Arsenic	75-2	1783	1829	1781	1798	1.51	cps
Barium	135-1	82879	83935	85050	83955	1.29	cps
Barium	137-1	146970	144359	146918	146082	1.02	cps
Beryllium	9-1	3224	2966	2768	2986	7.66	cps
Bismuth	209-1	14794274	14681638	14760227	14745380	0.39	cps
Bismuth	209-2	7110509	7195879	7155135	7153841	0.60	cps
Boron	10-1	53777	55289	53677	54248	1.66	cps
Boron	11-1	253307	244407	248014	248576	1.80	cps
Bromine	81-1	14753	16367	17449	16189	8.38	cps
Cadmium	111-1	1915	1895	1928	1913	0.88	cps
Cadmium	106-1	9720	9345	9379	9481	2.19	cps
Cadmium	108-1	117	117	133	122	7.87	cps
Calcium	43-1	154592	156213	155206	155337	0.53	cps
Calcium	44-1	2662598	2636537	2592805	2630646	1.34	cps
Carbon	12-1	8749206	8768777	8866518	8794834	0.71	cps
Carbon	12-2	88207	87033	87594	87611	0.67	cps
Chlorine	35-1	13495026	17816009	21237180	17516071	22.15	cps
Chlorine	35-2	196928	209775	219023	208576	5.32	cps
Chromium	52-2	38512	38499	39107	38706	0.90	cps
Cobalt	59-2	28462	27971	27914	28116	1.07	cps
Copper	63-2	217679	221980	218681	219447	1.03	cps
Dysprosium	156-1	68903	67798	69130	68610	1.04	cps
Dysprosium	156-2	27645	28206	26951	27601	2.28	cps
Erbium	164-1	78793	78825	75649	77756	2.35	cps
Erbium	164-2	31751	31775	31267	31598	0.91	cps
Gadolinium	160-1	72046	67948	69297	69764	2.99	cps
Gadolinium	160-2	34087	33883	34318	34096	0.64	cps
Holmium	165-1	23266497	23903568	22980438	23383501	2.02	cps
Holmium	165-2	10032891	9733355	10025743	9930663	1.72	cps
Indium	115-1	20462619	20343141	20019466	20275075	1.13	cps
Indium	115-2	2856398	2821551	2910265	2862738	1.56	cps
Iron	54-2	2041163	2089843	2031751	2054252	1.52	cps
Iron	56-2	38772215	37669834	37775454	38072501	1.60	cps
Iron	57-2	909398	909543	907993	908978	0.09	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1263	1170	1217	1217	3.84	cps
Lead	206-1	76441	73915	74436	74931	1.78	cps
Lead	207-1	61496	63310	61490	62099	1.69	cps
Lead	208-1	289745	288560	284587	287631	0.94	cps
Lithium	6-1	11742504	11936218	11454990	11711237	2.07	cps
Magnesium	24-2	337717	331022	337662	335467	1.15	cps
Manganese	55-2	379791	379760	374737	378096	0.77	cps
Molybdenum	94-1	11038	10880	11171	11030	1.32	cps
Molybdenum	95-1	4518	3817	3809	4048	10.05	cps
Molybdenum	96-1	6435	6535	5826	6266	6.12	cps
Molybdenum	97-1	2500	2575	2234	2436	7.37	cps
Molybdenum	98-1	7135	6652	6627	6805	4.21	cps
Neodymium	150-1	97942	97417	97198	97519	0.39	cps
Neodymium	150-2	29329	29640	29583	29517	0.56	cps
Nickel	60-2	9944	9860	10130	9978	1.39	cps
Phosphorus	31-2	10646	10312	9495	10151	5.83	cps
Potassium	39-2	263130	266490	265103	264908	0.64	cps
Rhodium	103-1	19570632	20204189	19167369	19647397	2.66	cps
Rhodium	103-2	8864698	8781595	8942971	8863088	0.91	cps
Scandium	45-1	15479037	15903952	15538095	15640361	1.47	cps
Scandium	45-2	511743	512184	509719	511215	0.26	cps
Selenium	82-1	142	219	215	192	22.59	cps
Selenium	77-2	170	200	223	198	13.52	cps
Selenium	78-2	166	151	157	158	4.78	cps
Silicon	28-1	33023646	32604282	31916447	32514791	1.72	cps
Silver	107-1	2859	2059	1700	2206	26.89	cps
Silver	109-1	2684	1784	1300	1922	36.53	cps
Sodium	23-2	744412	751301	751382	749032	0.53	cps
Strontium	86-1	62490	62415	61854	62253	0.56	cps
Strontium	88-1	538275	537861	518065	531400	2.17	cps
Sulfur	34-1	11444698	11451685	11197741	11364708	1.27	cps
Terbium	159-1	23905390	23906534	24087277	23966400	0.44	cps
Terbium	159-2	9611646	9745098	9700023	9685589	0.70	cps
Thallium	203-1	2242	2117	2417	2259	6.67	cps
Thallium	205-1	5218	5343	4826	5129	5.26	cps
Tin	118-1	13324	13349	13232	13301	0.46	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:12:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	156760	157518	157568	157282	0.29	cps
Uranium	238-1	73062	75208	74110	74126	1.45	cps
Vanadium	51-2	64692	65338	64632	64887	0.60	cps
Ytterbium	172-1	30803	30369	28598	29923	3.90	cps
Ytterbium	172-2	13830	13752	14247	13943	1.91	cps
Ytterbium	176-1	21685	21226	21059	21323	1.52	cps
Ytterbium	176-2	11950	12161	11121	11744	4.68	cps
Yttrium	89-1	34081389	33371685	33531288	33661454	1.11	cps
Yttrium	89-2	3384023	3433662	3482020	3433235	1.43	cps
Zinc	66-2	103106	101219	103361	102562	1.14	cps
Zirconium	90-1	23637	23988	23220	23615	1.63	cps
Zirconium	91-1	4926	4893	5359	5059	5.15	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:15:44	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844166	835648	831604	837139	0.77	cps
Antimony	121-1	1392	1308	1433	1378	4.62	cps
Arsenic	75-2	1878	1849	1791	1840	2.41	cps
Barium	135-1	84942	86787	84548	85426	1.40	cps
Barium	137-1	144319	150078	145368	146588	2.09	cps
Beryllium	9-1	2786	3072	2892	2916	4.96	cps
Bismuth	209-1	14616945	14646985	14600449	14621460	0.16	cps
Bismuth	209-2	7008384	7241432	7262444	7170753	1.97	cps
Boron	10-1	44549	46490	48446	46495	4.19	cps
Boron	11-1	207249	217428	220696	215124	3.26	cps
Bromine	81-1	16617	16868	17900	17128	3.97	cps
Cadmium	111-1	1909	2023	1754	1895	7.13	cps
Cadmium	106-1	9145	9770	9220	9378	3.64	cps
Cadmium	108-1	121	125	133	126	5.04	cps
Calcium	43-1	159244	159695	160279	159739	0.32	cps
Calcium	44-1	2641839	2650004	2703692	2665178	1.26	cps
Carbon	12-1	8613298	8559718	8729293	8634103	1.00	cps
Carbon	12-2	87209	86093	85633	86312	0.94	cps
Chlorine	35-1	24223337	28015554	30451177	27563356	11.39	cps
Chlorine	35-2	248169	253917	261805	254631	2.69	cps
Chromium	52-2	39882	39351	38930	39388	1.21	cps
Cobalt	59-2	28712	29046	27897	28552	2.07	cps
Copper	63-2	225014	226486	223045	224849	0.77	cps
Dysprosium	156-1	71341	69866	69683	70297	1.29	cps
Dysprosium	156-2	28203	28444	27809	28152	1.14	cps
Erbium	164-1	79371	80092	78540	79335	0.98	cps
Erbium	164-2	32159	31664	31040	31621	1.77	cps
Gadolinium	160-1	70379	70840	70704	70641	0.34	cps
Gadolinium	160-2	34645	34281	34244	34390	0.64	cps
Holmium	165-1	23682282	23188955	23202810	23358015	1.20	cps
Holmium	165-2	9767510	9931131	9791393	9830011	0.90	cps
Indium	115-1	20796962	20045173	21011298	20617811	2.46	cps
Indium	115-2	2946345	2910296	2951309	2935983	0.76	cps
Iron	54-2	2109500	2122754	2100258	2110837	0.54	cps
Iron	56-2	39248734	38280087	38343816	38624212	1.40	cps
Iron	57-2	921239	922815	922982	922345	0.10	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:15:44	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1190	1257	1200	4.37	cps
Lead	206-1	76877	74826	74882	75529	1.55	cps
Lead	207-1	60380	60357	61742	60826	1.30	cps
Lead	208-1	287156	286075	285459	286230	0.30	cps
Lithium	6-1	11725530	11037965	11687691	11483729	3.37	cps
Magnesium	24-2	345219	341979	338501	341900	0.98	cps
Manganese	55-2	383328	378761	384773	382287	0.82	cps
Molybdenum	94-1	11222	10771	10354	10782	4.02	cps
Molybdenum	95-1	3634	3634	3351	3539	4.62	cps
Molybdenum	96-1	5726	5385	5601	5571	3.10	cps
Molybdenum	97-1	2200	2134	2184	2172	1.60	cps
Molybdenum	98-1	5985	5868	6018	5957	1.32	cps
Neodymium	150-1	98157	98143	97136	97812	0.60	cps
Neodymium	150-2	29897	29853	29519	29757	0.69	cps
Nickel	60-2	10104	9687	10247	10013	2.91	cps
Phosphorus	31-2	10504	10546	9578	10209	5.36	cps
Potassium	39-2	271396	270532	266169	269365	1.04	cps
Rhodium	103-1	20307260	19788858	19838203	19978107	1.43	cps
Rhodium	103-2	8998280	8917277	9062165	8992574	0.81	cps
Scandium	45-1	15495542	15260081	15835238	15530287	1.86	cps
Scandium	45-2	509531	507884	514053	510489	0.63	cps
Selenium	82-1	315	175	165	218	38.36	cps
Selenium	77-2	200	137	190	176	19.39	cps
Selenium	78-2	143	149	191	161	16.24	cps
Silicon	28-1	34146681	33263179	33596822	33668894	1.33	cps
Silver	107-1	758	942	992	897	13.69	cps
Silver	109-1	617	758	850	742	15.85	cps
Sodium	23-2	766207	762604	760345	763052	0.39	cps
Strontium	86-1	62557	62373	62374	62435	0.17	cps
Strontium	88-1	536419	521149	529856	529141	1.45	cps
Sulfur	34-1	11836110	11621565	11668054	11708576	0.96	cps
Terbium	159-1	24607515	23986624	24409709	24334616	1.30	cps
Terbium	159-2	9819698	9905776	9754769	9826748	0.77	cps
Thallium	203-1	1975	2092	2242	2103	6.36	cps
Thallium	205-1	4659	5059	5026	4915	4.52	cps
Tin	118-1	12856	12856	12548	12753	1.40	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:15:44	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	164200	161344	159421	161655	1.49	cps
Uranium	238-1	73991	75131	71779	73634	2.32	cps
Vanadium	51-2	66242	66520	65918	66227	0.46	cps
Ytterbium	172-1	30611	31162	30218	30664	1.55	cps
Ytterbium	172-2	14809	14758	14608	14725	0.71	cps
Ytterbium	176-1	20926	20683	20550	20720	0.92	cps
Ytterbium	176-2	11889	11572	11422	11628	2.05	cps
Yttrium	89-1	33947959	32535886	32752271	33078705	2.30	cps
Yttrium	89-2	3517094	3420878	3452772	3463581	1.42	cps
Zinc	66-2	103807	101457	102502	102589	1.15	cps
Zirconium	90-1	24347	23929	23796	24024	1.20	cps
Zirconium	91-1	5193	5159	5226	5193	0.64	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153226	152884	153770	153293	0.29	cps
Antimony	121-1	633	625	583	614	4.36	cps
Arsenic	75-2	329	312	362	334	7.60	cps
Barium	135-1	16385	16411	16928	16574	1.85	cps
Barium	137-1	28213	27336	27996	27849	1.64	cps
Beryllium	9-1	582	588	580	583	0.71	cps
Bismuth	209-1	14210495	14617043	14525809	14451115	1.48	cps
Bismuth	209-2	7098820	6805573	6502747	6802380	4.38	cps
Boron	10-1	14746	15363	14801	14970	2.28	cps
Boron	11-1	68958	68495	67687	68380	0.94	cps
Bromine	81-1	11487	11296	10865	11216	2.84	cps
Cadmium	111-1	1057	1074	1107	1079	2.36	cps
Cadmium	106-1	8369	8811	8995	8725	3.68	cps
Cadmium	108-1	67	46	67	60	20.15	cps
Calcium	43-1	30334	30495	30389	30406	0.27	cps
Calcium	44-1	521154	525395	517979	521509	0.71	cps
Carbon	12-1	7559950	7696280	7783968	7680066	1.47	cps
Carbon	12-2	74188	75812	74598	74866	1.13	cps
Chlorine	35-1	10325019	10234691	10244273	10267995	0.48	cps
Chlorine	35-2	77934	76661	76929	77175	0.87	cps
Chromium	52-2	8112	8563	8339	8338	2.70	cps
Cobalt	59-2	5751	5404	5368	5508	3.84	cps
Copper	63-2	41711	42286	41995	41998	0.68	cps
Dysprosium	156-1	13057	12715	13182	12984	1.86	cps
Dysprosium	156-2	5174	5424	5194	5264	2.64	cps
Erbium	164-1	15067	15351	14909	15109	1.48	cps
Erbium	164-2	5815	5888	6121	5941	2.70	cps
Gadolinium	160-1	13724	13249	13774	13582	2.14	cps
Gadolinium	160-2	6432	6235	6375	6347	1.60	cps
Holmium	165-1	22725075	22599292	22782702	22702356	0.41	cps
Holmium	165-2	9539090	9254258	8844594	9212647	3.79	cps
Indium	115-1	19595445	19846494	20802660	20081533	3.17	cps
Indium	115-2	2844535	2780977	2598016	2741176	4.67	cps
Iron	54-2	378459	377700	382220	379460	0.64	cps
Iron	56-2	7064738	7135001	7089635	7096458	0.50	cps
Iron	57-2	171678	169688	168801	170056	0.87	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1180	1057	1111	5.66	cps
Lead	206-1	14898	15026	15115	15013	0.73	cps
Lead	207-1	12178	12645	12200	12341	2.13	cps
Lead	208-1	57902	57739	57584	57742	0.27	cps
Lithium	6-1	11551878	11008493	11524514	11361628	2.69	cps
Magnesium	24-2	64569	63514	62435	63506	1.68	cps
Manganese	55-2	69519	70011	69736	69755	0.35	cps
Molybdenum	94-1	2534	2184	2442	2386	7.61	cps
Molybdenum	95-1	683	625	658	656	4.46	cps
Molybdenum	96-1	1525	1358	1142	1342	14.33	cps
Molybdenum	97-1	483	508	483	492	2.94	cps
Molybdenum	98-1	1167	1267	1025	1153	10.53	cps
Neodymium	150-1	17926	17852	18306	18028	1.35	cps
Neodymium	150-2	5741	5211	5168	5373	5.94	cps
Nickel	60-2	1980	1917	1797	1898	4.91	cps
Phosphorus	31-2	2025	2034	2075	2045	1.31	cps
Potassium	39-2	64805	64370	64361	64512	0.39	cps
Rhodium	103-1	19053001	19169662	19865366	19362676	2.27	cps
Rhodium	103-2	8895923	8476486	8043642	8472017	5.03	cps
Scandium	45-1	14481548	15001436	15195466	14892816	2.48	cps
Scandium	45-2	490089	477054	452044	473062	4.09	cps
Selenium	82-1	-19	-57	83	2	2960.11	cps
Selenium	77-2	33	27	30	30	11.10	cps
Selenium	78-2	59	60	52	57	7.65	cps
Silicon	28-1	6573628	6360467	6517697	6483931	1.70	cps
Silver	107-1	417	425	475	439	7.19	cps
Silver	109-1	333	375	367	358	6.15	cps
Sodium	23-2	168391	165777	169867	168011	1.23	cps
Strontium	86-1	13023	12715	12614	12784	1.67	cps
Strontium	88-1	99807	99664	99345	99605	0.24	cps
Sulfur	34-1	2608195	2595127	2589270	2597531	0.37	cps
Terbium	159-1	23888963	23355216	24378558	23874246	2.14	cps
Terbium	159-2	9296365	9239248	8943913	9159842	2.07	cps
Thallium	203-1	900	1075	958	978	9.11	cps
Thallium	205-1	2442	2259	2434	2378	4.35	cps
Tin	118-1	3726	3651	4251	3876	8.44	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-23 14:18:42	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	30316	31443	29948	30569	2.55	cps
Uranium	238-1	12865	13716	13950	13510	4.23	cps
Vanadium	51-2	12355	12109	12042	12169	1.36	cps
Ytterbium	172-1	5902	5851	5726	5826	1.55	cps
Ytterbium	172-2	2761	2617	2584	2654	3.56	cps
Ytterbium	176-1	6552	6327	6160	6346	3.10	cps
Ytterbium	176-2	4401	3995	3706	4034	8.65	cps
Yttrium	89-1	31900169	30750805	31623288	31424754	1.91	cps
Yttrium	89-2	3282563	3188212	3038011	3169595	3.89	cps
Zinc	66-2	20051	19721	20104	19959	1.04	cps
Zirconium	90-1	5726	6026	6052	5935	3.05	cps
Zirconium	91-1	1217	1367	1267	1283	5.95	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	953067	962925	959707	958566	0.52	cps
Antimony	121-1	1113697	1081522	1067557	1087592	2.18	cps
Arsenic	75-2	36157	36207	36528	36297	0.55	cps
Barium	135-1	1009187	1009117	1011641	1009982	0.14	cps
Barium	137-1	1738270	1745168	1781478	1754972	1.32	cps
Beryllium	9-1	435780	429612	429718	431703	0.82	cps
Bismuth	209-1	14516857	14844249	14212294	14524466	2.18	cps
Bismuth	209-2	7065586	7002096	7152356	7073346	1.07	cps
Boron	10-1	85041	88994	91816	88617	3.84	cps
Boron	11-1	387143	412467	427411	409007	4.98	cps
Bromine	81-1	15244	16136	15294	15558	3.22	cps
Cadmium	111-1	296390	298119	293835	296115	0.73	cps
Cadmium	106-1	43829	41931	43370	43043	2.30	cps
Cadmium	108-1	24689	24263	23637	24196	2.19	cps
Calcium	43-1	610601	613292	614945	612946	0.36	cps
Calcium	44-1	9808949	9835151	9984452	9876184	0.96	cps
Carbon	12-1	8446741	8584918	8830093	8620584	2.25	cps
Carbon	12-2	85884	88743	89832	88153	2.31	cps
Chlorine	35-1	19756408	23435056	25785085	22992183	13.22	cps
Chlorine	35-2	214862	223103	229805	222590	3.36	cps
Chromium	52-2	416319	417110	410258	414563	0.90	cps
Cobalt	59-2	719242	716181	713054	716159	0.43	cps
Copper	63-2	6182802	6258785	6117469	6186352	1.14	cps
Dysprosium	156-1	62422	62179	61703	62101	0.59	cps
Dysprosium	156-2	25628	25872	25578	25693	0.61	cps
Erbium	164-1	70856	72556	71091	71501	1.29	cps
Erbium	164-2	29135	29533	28935	29201	1.04	cps
Gadolinium	160-1	63008	64716	63100	63608	1.51	cps
Gadolinium	160-2	30264	31020	30154	30479	1.55	cps
Holmium	165-1	23704964	23898322	23932544	23845277	0.51	cps
Holmium	165-2	9910646	9778168	9881313	9856709	0.71	cps
Indium	115-1	19758936	20319432	20501828	20193399	1.92	cps
Indium	115-2	2857606	2810274	2976155	2881345	2.97	cps
Iron	54-2	2726081	2739015	2706920	2724006	0.59	cps
Iron	56-2	50897997	50099728	49279362	50092362	1.62	cps
Iron	57-2	1201944	1211693	1202362	1205333	0.46	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1250	1227	1273	1250	1.87	cps
Lead	206-1	3910744	3858045	3885766	3884851	0.68	cps
Lead	207-1	3463357	3287624	3431153	3394045	2.76	cps
Lead	208-1	15443231	15097238	15224014	15254828	1.15	cps
Lithium	6-1	11774439	11697988	11899798	11790742	0.86	cps
Magnesium	24-2	3452318	3449118	3435462	3445632	0.26	cps
Manganese	55-2	2407605	2446959	2400748	2418437	1.03	cps
Molybdenum	94-1	4077547	4022985	3965174	4021902	1.40	cps
Molybdenum	95-1	5719184	5762892	5643657	5708578	1.06	cps
Molybdenum	96-1	6319798	6309673	6287365	6305612	0.26	cps
Molybdenum	97-1	3505771	3553291	3549930	3536331	0.75	cps
Molybdenum	98-1	9022217	9181230	8977058	9060169	1.18	cps
Neodymium	150-1	86859	87732	88309	87633	0.83	cps
Neodymium	150-2	27234	26216	25915	26455	2.61	cps
Nickel	60-2	196236	195307	195401	195648	0.26	cps
Phosphorus	31-2	9203	10012	9679	9631	4.22	cps
Potassium	39-2	1312777	1327557	1303391	1314575	0.93	cps
Rhodium	103-1	19516633	19538763	19641594	19565663	0.34	cps
Rhodium	103-2	8698457	8670942	9022293	8797231	2.22	cps
Scandium	45-1	15370451	15372864	15836684	15526666	1.73	cps
Scandium	45-2	506158	507151	515554	509621	1.01	cps
Selenium	82-1	24914	24761	24405	24693	1.06	cps
Selenium	77-2	893	883	790	856	6.66	cps
Selenium	78-2	2605	2559	2486	2550	2.33	cps
Silicon	28-1	30959049	31139376	30885940	30994788	0.42	cps
Silver	107-1	842668	872712	828788	848056	2.65	cps
Silver	109-1	784139	803995	797664	795266	1.28	cps
Sodium	23-2	6701148	6640510	6715436	6685698	0.60	cps
Strontium	86-1	4253054	4338384	4294550	4295329	0.99	cps
Strontium	88-1	37026048	37141683	36865760	37011164	0.37	cps
Sulfur	34-1	10556276	10966664	10790785	10771242	1.91	cps
Terbium	159-1	23688780	23938918	23994802	23874167	0.68	cps
Terbium	159-2	9753583	9625004	9890666	9756418	1.36	cps
Thallium	203-1	1026026	1026980	1030959	1027988	0.25	cps
Thallium	205-1	2528698	2462369	2511014	2500694	1.37	cps
Tin	118-1	1006532	1000007	1006422	1004320	0.37	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:21:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2074615	2004127	2050844	2043195	1.76	cps
Uranium	238-1	3316766	3445919	3347726	3370137	2.00	cps
Vanadium	51-2	368006	367952	365273	367077	0.43	cps
Ytterbium	172-1	26811	27270	26986	27023	0.86	cps
Ytterbium	172-2	12745	13073	12951	12923	1.28	cps
Ytterbium	176-1	20024	18981	20199	19735	3.34	cps
Ytterbium	176-2	10032	10237	10282	10184	1.31	cps
Yttrium	89-1	32476690	33565367	33568690	33203582	1.90	cps
Yttrium	89-2	3334816	3436542	3420678	3397345	1.61	cps
Zinc	66-2	791455	798258	787503	792405	0.69	cps
Zirconium	90-1	2103878	2120561	2127814	2117418	0.58	cps
Zirconium	91-1	464457	465301	466712	465490	0.24	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1015667	1007553	1010078	1011099	0.41	cps
Antimony	121-1	1061746	1064746	1052657	1059716	0.59	cps
Arsenic	75-2	35924	35895	36008	35942	0.16	cps
Barium	135-1	1395861	1427413	1420166	1414480	1.17	cps
Barium	137-1	2496327	2500718	2459468	2485504	0.91	cps
Beryllium	9-1	425117	426896	424958	425657	0.25	cps
Bismuth	209-1	14488185	14193648	14515821	14399218	1.24	cps
Bismuth	209-2	7055809	6931963	6995335	6994369	0.89	cps
Boron	10-1	92464	97524	99519	96502	3.77	cps
Boron	11-1	431599	450701	458807	447036	3.12	cps
Bromine	81-1	15384	16857	17920	16721	7.62	cps
Cadmium	111-1	288899	289230	284923	287684	0.83	cps
Cadmium	106-1	41714	42173	42165	42018	0.63	cps
Cadmium	108-1	24280	23908	24259	24149	0.86	cps
Calcium	43-1	613597	618466	611056	614373	0.61	cps
Calcium	44-1	9885623	10249194	9617397	9917405	3.20	cps
Carbon	12-1	8623027	8868218	8803323	8764856	1.45	cps
Carbon	12-2	88131	89808	89120	89020	0.95	cps
Chlorine	35-1	28043735	31089242	32698065	30610348	7.72	cps
Chlorine	35-2	258263	264172	267914	263449	1.85	cps
Chromium	52-2	418446	414649	413500	415531	0.62	cps
Cobalt	59-2	718443	707038	699087	708189	1.37	cps
Copper	63-2	6173315	6186833	6203009	6187719	0.24	cps
Dysprosium	156-1	67296	66884	65327	66502	1.56	cps
Dysprosium	156-2	27098	27465	26560	27041	1.68	cps
Erbium	164-1	78666	77509	77007	77728	1.09	cps
Erbium	164-2	30960	30853	30154	30656	1.43	cps
Gadolinium	160-1	67664	68769	69732	68722	1.51	cps
Gadolinium	160-2	32269	32664	32784	32572	0.83	cps
Holmium	165-1	23296939	23757365	22957919	23337407	1.72	cps
Holmium	165-2	9650270	9732395	9431622	9604762	1.62	cps
Indium	115-1	20203889	20074214	20155581	20144561	0.33	cps
Indium	115-2	2783325	2837980	2823770	2815025	1.01	cps
Iron	54-2	2919469	2927633	2903286	2916796	0.42	cps
Iron	56-2	51073283	52671705	51698521	51814503	1.55	cps
Iron	57-2	1264448	1281556	1240062	1262022	1.65	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1257	1337	1287	1293	3.13	cps
Lead	206-1	4338417	4276617	4289812	4301616	0.76	cps
Lead	207-1	3807671	3828969	3822760	3819800	0.29	cps
Lead	208-1	17332575	17235659	17380641	17316292	0.43	cps
Lithium	6-1	11646910	11561780	11457066	11555252	0.82	cps
Magnesium	24-2	3439227	3428897	3376521	3414882	0.98	cps
Manganese	55-2	2406309	2455570	2391980	2417953	1.38	cps
Molybdenum	94-1	3956970	3949291	3903444	3936568	0.74	cps
Molybdenum	95-1	5616865	5652663	5629641	5633057	0.32	cps
Molybdenum	96-1	6088928	6162785	6190828	6147514	0.86	cps
Molybdenum	97-1	3427182	3493990	3443796	3454990	1.01	cps
Molybdenum	98-1	8871195	8991580	8950873	8937883	0.69	cps
Neodymium	150-1	95624	95706	93476	94935	1.33	cps
Neodymium	150-2	29065	28273	27739	28359	2.35	cps
Nickel	60-2	193405	197822	193078	194768	1.36	cps
Phosphorus	31-2	10029	10154	10070	10084	0.63	cps
Potassium	39-2	1291807	1330891	1315972	1312890	1.50	cps
Rhodium	103-1	19135191	19261180	19501587	19299320	0.96	cps
Rhodium	103-2	8670645	8551205	8823007	8681619	1.57	cps
Scandium	45-1	15708673	15465479	15108576	15427576	1.96	cps
Scandium	45-2	500715	500247	499991	500318	0.07	cps
Selenium	82-1	24093	23979	23937	24003	0.34	cps
Selenium	77-2	850	813	857	840	2.78	cps
Selenium	78-2	2411	2519	2466	2466	2.19	cps
Silicon	28-1	33655999	33967583	33275042	33632875	1.03	cps
Silver	107-1	1091530	903962	986761	994084	9.46	cps
Silver	109-1	989694	848354	870745	902931	8.41	cps
Sodium	23-2	6683530	6573097	6750409	6669012	1.34	cps
Strontium	86-1	4067266	4020307	3967968	4018514	1.24	cps
Strontium	88-1	34674624	34094557	33866772	34211984	1.22	cps
Sulfur	34-1	11403649	11741565	11683129	11609448	1.56	cps
Terbium	159-1	23634890	23916977	23919009	23823625	0.69	cps
Terbium	159-2	9616354	9348283	9482920	9482519	1.41	cps
Thallium	203-1	992279	1024963	996887	1004710	1.76	cps
Thallium	205-1	2419487	2521494	2382462	2441148	2.95	cps
Tin	118-1	993972	997630	1007777	999793	0.72	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:24:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2040227	2035501	1957753	2011160	2.30	cps
Uranium	238-1	3323388	3309601	3325764	3319584	0.26	cps
Vanadium	51-2	366236	365919	359485	363880	1.05	cps
Ytterbium	172-1	28799	28824	28790	28804	0.06	cps
Ytterbium	172-2	13830	13429	13196	13485	2.38	cps
Ytterbium	176-1	20909	20617	21076	20867	1.11	cps
Ytterbium	176-2	11394	11183	10710	11096	3.16	cps
Yttrium	89-1	32953424	32172487	32909345	32678418	1.34	cps
Yttrium	89-2	3399271	3321998	3344571	3355280	1.18	cps
Zinc	66-2	796213	780607	775926	784249	1.35	cps
Zirconium	90-1	2094049	2087207	2123948	2101734	0.93	cps
Zirconium	91-1	456742	457368	457791	457300	0.12	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	973690	968653	950664	964336	1.26	cps
Antimony	121-1	1058625	1074828	1093286	1075580	1.61	cps
Arsenic	75-2	36224	35705	35242	35724	1.37	cps
Barium	135-1	1196550	1206829	1201289	1201556	0.43	cps
Barium	137-1	2063203	2057081	2114951	2078411	1.53	cps
Beryllium	9-1	422491	420811	417926	420409	0.55	cps
Bismuth	209-1	14528447	14453005	14653845	14545099	0.70	cps
Bismuth	209-2	7040987	7105462	7078083	7074844	0.46	cps
Boron	10-1	91541	96668	97646	95285	3.44	cps
Boron	11-1	420443	447937	457324	441901	4.34	cps
Bromine	81-1	15304	16366	17519	16396	6.76	cps
Cadmium	111-1	291071	286446	293588	290368	1.25	cps
Cadmium	106-1	43227	43052	42860	43046	0.43	cps
Cadmium	108-1	23337	24401	23971	23903	2.24	cps
Calcium	43-1	608607	616679	607662	610983	0.81	cps
Calcium	44-1	9961916	9845417	9850212	9885848	0.67	cps
Carbon	12-1	8616105	8766808	8900455	8761123	1.62	cps
Carbon	12-2	88617	86245	88542	87801	1.54	cps
Chlorine	35-1	27217691	30254682	32654955	30042443	9.07	cps
Chlorine	35-2	267208	272525	272175	270636	1.10	cps
Chromium	52-2	410457	413127	412381	411988	0.33	cps
Cobalt	59-2	702118	706986	703084	704063	0.37	cps
Copper	63-2	6170917	6210186	6030696	6137266	1.54	cps
Dysprosium	156-1	65954	63543	65511	65003	1.97	cps
Dysprosium	156-2	25932	25889	25414	25745	1.12	cps
Erbium	164-1	74585	73830	74861	74426	0.72	cps
Erbium	164-2	30047	29566	28815	29476	2.11	cps
Gadolinium	160-1	66658	66257	65972	66296	0.52	cps
Gadolinium	160-2	31537	31725	31026	31429	1.15	cps
Holmium	165-1	23466494	23181105	23678194	23441931	1.06	cps
Holmium	165-2	9892710	9867108	9672824	9810881	1.23	cps
Indium	115-1	20323136	20349666	20257309	20310037	0.23	cps
Indium	115-2	2852074	2772919	2835012	2820002	1.48	cps
Iron	54-2	2818605	2833989	2736422	2796339	1.88	cps
Iron	56-2	51278423	51018759	49757508	50684897	1.61	cps
Iron	57-2	1241642	1224586	1212678	1226302	1.19	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1257	1250	1317	1275	2.88	cps
Lead	206-1	4076035	3989097	4075737	4046956	1.24	cps
Lead	207-1	3550909	3517252	3605727	3557963	1.26	cps
Lead	208-1	15978898	15928202	16419665	16108922	1.68	cps
Lithium	6-1	11775816	11592368	11351508	11573231	1.84	cps
Magnesium	24-2	3404234	3421592	3305317	3377048	1.86	cps
Manganese	55-2	2409437	2423198	2321849	2384828	2.31	cps
Molybdenum	94-1	3954134	3951617	3987731	3964494	0.51	cps
Molybdenum	95-1	5633749	5563717	5579505	5592324	0.66	cps
Molybdenum	96-1	6109373	6157925	6243381	6170226	1.10	cps
Molybdenum	97-1	3469726	3449703	3536358	3485262	1.30	cps
Molybdenum	98-1	8948826	9054884	9017539	9007083	0.60	cps
Neodymium	150-1	89624	90678	91773	90691	1.19	cps
Neodymium	150-2	27605	26981	26643	27076	1.80	cps
Nickel	60-2	195995	195850	192199	194681	1.10	cps
Phosphorus	31-2	9236	9937	9887	9687	4.03	cps
Potassium	39-2	1320455	1274602	1272426	1289161	2.10	cps
Rhodium	103-1	19790450	20037823	19874095	19900790	0.63	cps
Rhodium	103-2	8874675	8705860	8839057	8806530	1.01	cps
Scandium	45-1	16062095	16155468	15613447	15943670	1.82	cps
Scandium	45-2	506126	513681	511108	510305	0.75	cps
Selenium	82-1	23829	24649	24359	24279	1.71	cps
Selenium	77-2	833	750	783	789	5.32	cps
Selenium	78-2	2465	2473	2437	2459	0.77	cps
Silicon	28-1	32177979	31402417	31364569	31648322	1.45	cps
Silver	107-1	913504	861269	921162	898645	3.63	cps
Silver	109-1	875328	824361	831083	843591	3.28	cps
Sodium	23-2	6751229	6647940	6578553	6659241	1.30	cps
Strontium	86-1	4144744	4198311	3985502	4109519	2.69	cps
Strontium	88-1	34708233	35855333	34741645	35101737	1.86	cps
Sulfur	34-1	11146109	10992017	10900731	11012952	1.13	cps
Terbium	159-1	24627371	24761878	24522855	24637368	0.49	cps
Terbium	159-2	9783073	9506625	9893404	9727701	2.05	cps
Thallium	203-1	1017667	1018001	999586	1011751	1.04	cps
Thallium	205-1	2456008	2431810	2510363	2466061	1.63	cps
Tin	118-1	995487	991009	997259	994585	0.32	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 14:27:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1999727	2019443	1957025	1992065	1.60	cps
Uranium	238-1	3384018	3268651	3383606	3345425	1.99	cps
Vanadium	51-2	371105	360525	356138	362589	2.12	cps
Ytterbium	172-1	28106	27680	29008	28264	2.40	cps
Ytterbium	172-2	13757	13407	13079	13414	2.53	cps
Ytterbium	176-1	19039	19515	20091	19548	2.69	cps
Ytterbium	176-2	10482	10137	10349	10323	1.68	cps
Yttrium	89-1	32946218	33747795	33056235	33250082	1.31	cps
Yttrium	89-2	3423591	3398904	3418531	3413675	0.38	cps
Zinc	66-2	767928	775157	767479	770188	0.56	cps
Zirconium	90-1	2036020	2093114	2058430	2062522	1.39	cps
Zirconium	91-1	455151	454519	455835	455169	0.14	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5321715	5247397	5294320	5287811	0.71	cps
Antimony	121-1	4960984	5077068	5123096	5053716	1.65	cps
Arsenic	75-2	165586	165034	167119	165913	0.65	cps
Barium	135-1	6143415	6258651	6407891	6269985	2.11	cps
Barium	137-1	10714036	10696000	10646826	10685621	0.33	cps
Beryllium	9-1	2040036	1954816	1989972	1994941	2.15	cps
Bismuth	209-1	12486446	12709313	12382801	12526186	1.33	cps
Bismuth	209-2	6296763	6351088	6422798	6356883	0.99	cps
Boron	10-1	240276	251140	264844	252087	4.88	cps
Boron	11-1	1076637	1086520	1166020	1109726	4.42	cps
Bromine	81-1	8962	8171	8982	8705	5.32	cps
Cadmium	111-1	1320203	1349167	1337949	1335773	1.09	cps
Cadmium	106-1	162976	162570	165453	163666	0.95	cps
Cadmium	108-1	107915	108788	109510	108738	0.73	cps
Calcium	43-1	10358620	10698706	10669377	10575568	1.78	cps
Calcium	44-1	165114836	173584647	172836196	170511893	2.75	cps
Carbon	12-1	11532764	12091215	12872195	12165391	5.53	cps
Carbon	12-2	137296	136472	139525	137764	1.15	cps
Chlorine	35-1	3133783	3163631	3068917	3122110	1.55	cps
Chlorine	35-2	22017	21934	21758	21903	0.60	cps
Chromium	52-2	1900682	1945527	1905818	1917342	1.28	cps
Cobalt	59-2	3314509	3338229	3325014	3325917	0.36	cps
Copper	63-2	24582959	24447707	24714040	24581569	0.54	cps
Dysprosium	156-1	1017	1208	1325	1183	13.16	cps
Dysprosium	156-2	510	543	530	528	3.18	cps
Erbium	164-1	242	300	317	286	13.76	cps
Erbium	164-2	143	147	110	133	15.21	cps
Gadolinium	160-1	1367	1500	1158	1342	12.84	cps
Gadolinium	160-2	747	627	647	673	9.55	cps
Holmium	165-1	21599778	22184158	22084983	21956306	1.42	cps
Holmium	165-2	9547033	9492911	9816681	9618875	1.80	cps
Indium	115-1	18058853	18649971	18756247	18488357	2.03	cps
Indium	115-2	2660923	2677661	2712735	2683773	0.99	cps
Iron	54-2	20278226	20171327	20512465	20320673	0.86	cps
Iron	56-2	368074019	378693031	378348397	375038482	1.61	cps
Iron	57-2	9201119	9215081	9199753	9205318	0.09	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1107	1130	1147	4.40	cps
Lead	206-1	19036366	19638650	19483752	19386256	1.61	cps
Lead	207-1	16719284	16600138	17085820	16801747	1.51	cps
Lead	208-1	77110582	77619126	78059372	77596360	0.61	cps
Lithium	6-1	10769971	10418306	10845253	10677843	2.13	cps
Magnesium	24-2	75439018	77098754	77968048	76835273	1.67	cps
Manganese	55-2	9323322	9531249	9527505	9460692	1.26	cps
Molybdenum	94-1	12126209	12046032	12236177	12136139	0.79	cps
Molybdenum	95-1	14833049	15081668	14917308	14944008	0.85	cps
Molybdenum	96-1	16905073	16972223	16891530	16922942	0.26	cps
Molybdenum	97-1	9094385	9237348	9143650	9158461	0.79	cps
Molybdenum	98-1	23611303	23977656	23896582	23828514	0.81	cps
Neodymium	150-1	347	427	307	360	16.97	cps
Neodymium	150-2	20	40	30	30	33.33	cps
Nickel	60-2	909098	907998	921913	913003	0.85	cps
Phosphorus	31-2	55431	55582	54537	55184	1.02	cps
Potassium	39-2	25665121	26135524	26056624	25952423	0.97	cps
Rhodium	103-1	16820904	17597308	17347503	17255238	2.30	cps
Rhodium	103-2	7705680	7774869	7982907	7821152	1.84	cps
Scandium	45-1	14499526	14897719	14408736	14601994	1.78	cps
Scandium	45-2	489288	495659	490388	491778	0.69	cps
Selenium	82-1	108367	110114	111272	109918	1.33	cps
Selenium	77-2	3470	3264	3464	3399	3.46	cps
Selenium	78-2	11230	11295	11371	11298	0.63	cps
Silicon	28-1	5544690	5736242	6033505	5771479	4.27	cps
Silver	107-1	7279056	7325408	7470010	7358158	1.35	cps
Silver	109-1	6947398	6902978	6825203	6891860	0.90	cps
Sodium	23-2	149137253	148928983	146389062	148151766	1.03	cps
Strontium	86-1	19220680	19365628	19127598	19237969	0.62	cps
Strontium	88-1	163662462	165225037	165571779	164819759	0.62	cps
Sulfur	34-1	1155068	1130936	1166081	1150695	1.56	cps
Terbium	159-1	22522881	23283900	22814542	22873775	1.68	cps
Terbium	159-2	9189100	9241182	9518980	9316420	1.90	cps
Thallium	203-1	4791463	4982786	4928232	4900827	2.01	cps
Thallium	205-1	11007627	11573454	11346590	11309224	2.52	cps
Tin	118-1	4502583	4567829	4621225	4563879	1.30	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:34:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4797429	4953350	4797030	4849270	1.86	cps
Uranium	238-1	15550337	15727007	15361863	15546403	1.17	cps
Vanadium	51-2	1532626	1541932	1547955	1540838	0.50	cps
Ytterbium	172-1	108	75	83	89	19.52	cps
Ytterbium	172-2	28	39	78	48	54.53	cps
Ytterbium	176-1	2867	2725	2875	2823	2.99	cps
Ytterbium	176-2	2600	2678	2550	2610	2.47	cps
Yttrium	89-1	30095635	30345336	29780660	30073877	0.94	cps
Yttrium	89-2	3162310	3150441	3206190	3172980	0.93	cps
Zinc	66-2	2938513	2895184	2882765	2905487	1.01	cps
Zirconium	90-1	9970302	9690422	10045610	9902111	1.89	cps
Zirconium	91-1	2230709	2225315	2298719	2251581	1.82	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 14:54:40 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264	227	261	251	8.07	cps
Antimony	121-1	167	217	225	203	15.56	cps
Arsenic	75-2	5	5	5	5	0.00	cps
Barium	135-1	258	267	192	239	17.21	cps
Barium	137-1	300	442	367	369	19.18	cps
Beryllium	9-1	38	36	42	39	7.90	cps
Bismuth	209-1	14014228	14469324	14772501	14418684	2.65	cps
Bismuth	209-2	7071914	7057347	6829069	6986110	1.95	cps
Boron	10-1	3794	3638	3650	3694	2.35	cps
Boron	11-1	17515	16894	16276	16895	3.67	cps
Bromine	81-1	8872	8211	8672	8585	3.95	cps
Cadmium	111-1	909	932	915	919	1.30	cps
Cadmium	106-1	8828	8912	9128	8956	1.73	cps
Cadmium	108-1	46	25	75	49	51.67	cps
Calcium	43-1	544	541	535	540	0.84	cps
Calcium	44-1	34329	34571	34578	34492	0.41	cps
Carbon	12-1	7199268	7228234	7353046	7260182	1.13	cps
Carbon	12-2	72262	71810	71609	71893	0.47	cps
Chlorine	35-1	682012	677487	672420	677306	0.71	cps
Chlorine	35-2	4793	4584	4826	4734	2.77	cps
Chromium	52-2	1303	1273	1273	1283	1.35	cps
Cobalt	59-2	157	113	170	147	20.20	cps
Copper	63-2	1050	1007	930	996	6.10	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	92	142	150	128	24.69	cps
Erbium	164-2	77	87	67	77	13.04	cps
Gadolinium	160-1	167	300	192	219	32.30	cps
Gadolinium	160-2	80	90	107	92	14.61	cps
Holmium	165-1	22451062	22542081	22704219	22565787	0.57	cps
Holmium	165-2	9628270	9360377	9628160	9538936	1.62	cps
Indium	115-1	19546882	19646659	20278758	19824100	2.00	cps
Indium	115-2	2816419	2793088	2824261	2811256	0.58	cps
Iron	54-2	417	489	583	496	16.84	cps
Iron	56-2	4617	4340	4617	4525	3.55	cps
Iron	57-2	161	111	167	146	20.92	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:54:40	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1017	1160	1079	6.81	cps
Lead	206-1	883	995	961	946	6.03	cps
Lead	207-1	922	945	906	924	2.11	cps
Lead	208-1	3939	4039	4050	4010	1.53	cps
Lithium	6-1	11820603	11548092	11293012	11553903	2.28	cps
Magnesium	24-2	617	542	375	511	24.20	cps
Manganese	55-2	160	150	140	150	6.67	cps
Molybdenum	94-1	692	742	592	675	11.32	cps
Molybdenum	95-1	125	108	92	108	15.38	cps
Molybdenum	96-1	183	242	225	217	13.87	cps
Molybdenum	97-1	50	17	17	28	69.27	cps
Molybdenum	98-1	233	175	117	175	33.33	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	57	30	33	40	36.33	cps
Phosphorus	31-2	208	233	317	253	22.44	cps
Potassium	39-2	16752	16518	16576	16615	0.73	cps
Rhodium	103-1	19018274	19098752	19502067	19206364	1.35	cps
Rhodium	103-2	8537028	8575219	8775381	8629210	1.48	cps
Scandium	45-1	14724278	14846914	14874562	14815251	0.54	cps
Scandium	45-2	486298	483414	499579	489763	1.76	cps
Selenium	82-1	-7	10	-67	-22	-188.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	35	26	32	17.03	cps
Silicon	28-1	322748	327777	322547	324358	0.91	cps
Silver	107-1	458	275	383	372	24.76	cps
Silver	109-1	308	233	242	261	15.74	cps
Sodium	23-2	35168	35093	34500	34920	1.05	cps
Strontium	86-1	1717	1708	1825	1750	3.72	cps
Strontium	88-1	1083	1400	1658	1381	20.86	cps
Sulfur	34-1	539878	545175	545694	543583	0.59	cps
Terbium	159-1	23975799	23122159	23028650	23375536	2.23	cps
Terbium	159-2	9458778	9432536	9346312	9412542	0.63	cps
Thallium	203-1	517	492	425	478	9.92	cps
Thallium	205-1	1108	1075	1167	1117	4.15	cps
Tin	118-1	1167	1417	1250	1278	9.96	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 14:54:40	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	208	242	242	13.79	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Ytterbium	172-1	42	58	17	39	53.92	cps
Ytterbium	172-2	28	56	22	35	50.76	cps
Ytterbium	176-1	2500	2642	2692	2611	3.81	cps
Ytterbium	176-2	3428	3689	3767	3628	4.89	cps
Yttrium	89-1	30418312	30550613	31074435	30681120	1.13	cps
Yttrium	89-2	3163375	3232374	3246291	3214013	1.38	cps
Zinc	66-2	367	427	450	414	10.37	cps
Zirconium	90-1	2159	2059	1892	2036	6.62	cps
Zirconium	91-1	375	317	317	336	10.02	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587	589	590	589	0.21	cps
Antimony	121-1	92	150	167	136	28.93	cps
Arsenic	75-2	5	5	14	8	64.95	cps
Barium	135-1	892	633	817	781	17.03	cps
Barium	137-1	1292	1483	1233	1336	9.79	cps
Beryllium	9-1	28	56	62	49	37.30	cps
Bismuth	209-1	14123170	13820659	14272921	14072250	1.64	cps
Bismuth	209-2	7301886	6971307	6897763	7056986	3.05	cps
Boron	10-1	1566	1550	1582	1566	1.02	cps
Boron	11-1	7414	7212	7162	7263	1.84	cps
Bromine	81-1	8511	8672	9132	8772	3.68	cps
Cadmium	111-1	855	893	804	851	5.29	cps
Cadmium	106-1	8853	9287	8494	8878	4.47	cps
Cadmium	108-1	67	63	83	71	15.57	cps
Calcium	43-1	1471	1479	1620	1523	5.50	cps
Calcium	44-1	48185	49387	50577	49383	2.42	cps
Carbon	12-1	11814299	13063961	13854621	12910960	7.97	cps
Carbon	12-2	145869	147108	150526	147834	1.63	cps
Chlorine	35-1	323353	323852	320962	322722	0.48	cps
Chlorine	35-2	2275	2234	2334	2281	2.20	cps
Chromium	52-2	2224	2250	2300	2258	1.72	cps
Cobalt	59-2	157	140	390	229	61.08	cps
Copper	63-2	1310	1417	3890	2206	66.18	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	10	13	8	89.21	cps
Erbium	164-1	150	208	92	150	38.89	cps
Erbium	164-2	53	70	60	61	13.73	cps
Gadolinium	160-1	200	250	158	203	22.63	cps
Gadolinium	160-2	87	97	47	77	34.51	cps
Holmium	165-1	21868237	22368799	22324900	22187312	1.25	cps
Holmium	165-2	9951173	9717211	9345396	9671260	3.16	cps
Indium	115-1	20028908	20084329	19486595	19866611	1.66	cps
Indium	115-2	2922678	2876744	2848362	2882595	1.30	cps
Iron	54-2	878	850	1434	1054	31.25	cps
Iron	56-2	9542	9387	47354	22094	99.01	cps
Iron	57-2	289	306	1173	589	85.84	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	920	1043	1000	6.94	cps
Lead	206-1	1506	1395	1350	1417	5.66	cps
Lead	207-1	1217	1372	1300	1296	6.01	cps
Lead	208-1	5712	6373	5762	5949	6.19	cps
Lithium	6-1	11500352	12312765	11788930	11867349	3.47	cps
Magnesium	24-2	1417	1383	1292	1364	4.75	cps
Manganese	55-2	253	300	934	496	76.68	cps
Molybdenum	94-1	817	625	833	758	15.27	cps
Molybdenum	95-1	117	100	83	100	16.66	cps
Molybdenum	96-1	358	242	350	317	20.55	cps
Molybdenum	97-1	42	92	125	86	48.71	cps
Molybdenum	98-1	200	167	225	197	14.84	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	223	210	323	252	24.56	cps
Phosphorus	31-2	175	250	250	225	19.24	cps
Potassium	39-2	16969	16702	17612	17094	2.74	cps
Rhodium	103-1	18968381	19075149	19491575	19178368	1.44	cps
Rhodium	103-2	8909768	8730207	8555826	8731934	2.03	cps
Scandium	45-1	14980019	14736503	15010656	14909059	1.01	cps
Scandium	45-2	505425	502640	497007	501691	0.85	cps
Selenium	82-1	-7	77	-14	19	272.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	34	28	35	22.88	cps
Silicon	28-1	402823	407572	419315	409903	2.07	cps
Silver	107-1	308	283	200	264	21.50	cps
Silver	109-1	175	100	100	125	34.64	cps
Sodium	23-2	56911	57171	57715	57266	0.72	cps
Strontium	86-1	2059	2117	1959	2045	3.92	cps
Strontium	88-1	2867	3075	3351	3098	7.83	cps
Sulfur	34-1	563647	568067	569630	567115	0.55	cps
Terbium	159-1	23598318	24192029	23154435	23648260	2.20	cps
Terbium	159-2	9863640	9638289	9328921	9610283	2.79	cps
Thallium	203-1	117	192	125	144	28.46	cps
Thallium	205-1	400	400	392	397	1.21	cps
Tin	118-1	1025	1125	1158	1103	6.29	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01	Instrumnet Name :	P8
Client Sample ID :	210816019-02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:26:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	342	325	314	11.05	cps
Uranium	238-1	33	133	75	81	62.37	cps
Vanadium	51-2	40	7	43	30	67.58	cps
Ytterbium	172-1	42	67	33	47	36.74	cps
Ytterbium	172-2	28	50	22	33	44.10	cps
Ytterbium	176-1	2350	2917	2700	2656	10.77	cps
Ytterbium	176-2	4612	4818	4351	4593	5.09	cps
Yttrium	89-1	31119776	31588815	30865130	31191240	1.18	cps
Yttrium	89-2	3324895	3270544	3194820	3263420	2.00	cps
Zinc	66-2	1390	1290	1694	1458	14.41	cps
Zirconium	90-1	1992	1992	1975	1986	0.48	cps
Zirconium	91-1	417	367	433	406	8.55	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	586	552	580	4.22	cps
Antimony	121-1	58	83	75	72	17.62	cps
Arsenic	75-2	5	10	3	6	60.09	cps
Barium	135-1	683	792	758	744	7.45	cps
Barium	137-1	1475	1250	1300	1342	8.81	cps
Beryllium	9-1	32	44	38	38	15.79	cps
Bismuth	209-1	13702707	14532532	14162982	14132740	2.94	cps
Bismuth	209-2	6935590	7050428	7107296	7031104	1.24	cps
Boron	10-1	1496	1620	1532	1549	4.12	cps
Boron	11-1	7132	7276	7304	7238	1.28	cps
Bromine	81-1	8221	8541	8551	8438	2.23	cps
Cadmium	111-1	925	877	892	898	2.73	cps
Cadmium	106-1	9679	9303	9187	9390	2.74	cps
Cadmium	108-1	79	100	92	90	11.61	cps
Calcium	43-1	1331	1294	1346	1324	2.04	cps
Calcium	44-1	47058	47093	47624	47258	0.67	cps
Carbon	12-1	12955246	14118936	14952447	14008876	7.16	cps
Carbon	12-2	151081	154009	157801	154297	2.18	cps
Chlorine	35-1	324990	320419	325058	323489	0.82	cps
Chlorine	35-2	2017	2292	2534	2281	11.34	cps
Chromium	52-2	2180	2220	2184	2195	1.01	cps
Cobalt	59-2	53	97	113	88	35.29	cps
Copper	63-2	1337	1293	1280	1303	2.27	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	125	125	133	128	3.77	cps
Erbium	164-2	60	83	47	63	29.30	cps
Gadolinium	160-1	150	217	225	197	20.84	cps
Gadolinium	160-2	60	83	97	80	23.20	cps
Holmium	165-1	22309164	23255499	22626460	22730374	2.12	cps
Holmium	165-2	9392111	9491322	9545499	9476311	0.82	cps
Indium	115-1	19990296	19623050	19616922	19743423	1.08	cps
Indium	115-2	2835847	2809690	2904238	2849925	1.71	cps
Iron	54-2	789	650	744	728	9.75	cps
Iron	56-2	8831	8908	8864	8868	0.44	cps
Iron	57-2	222	272	289	261	13.29	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1093	1107	1048	8.66	cps
Lead	206-1	1283	1339	1272	1298	2.75	cps
Lead	207-1	1211	1217	1161	1196	2.56	cps
Lead	208-1	5206	5334	5334	5291	1.39	cps
Lithium	6-1	11767177	11750048	11916365	11811197	0.77	cps
Magnesium	24-2	1342	1467	1342	1383	5.22	cps
Manganese	55-2	187	170	190	182	5.88	cps
Molybdenum	94-1	708	750	617	692	9.86	cps
Molybdenum	95-1	83	58	75	72	17.63	cps
Molybdenum	96-1	225	308	258	264	15.90	cps
Molybdenum	97-1	83	58	33	58	42.87	cps
Molybdenum	98-1	117	158	83	119	31.46	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	140	157	129	26.92	cps
Phosphorus	31-2	283	342	333	319	9.87	cps
Potassium	39-2	17578	17394	16860	17277	2.16	cps
Rhodium	103-1	19460236	19292793	19112103	19288377	0.90	cps
Rhodium	103-2	8611975	8811070	8620412	8681152	1.30	cps
Scandium	45-1	14846689	14844402	14842549	14844547	0.01	cps
Scandium	45-2	491908	495402	507933	498414	1.69	cps
Selenium	82-1	49	-65	-70	-28	-236.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	35	43	40	10.50	cps
Silicon	28-1	415159	417309	416189	416219	0.26	cps
Silver	107-1	192	192	175	186	5.17	cps
Silver	109-1	100	67	92	86	20.14	cps
Sodium	23-2	56192	56208	56410	56270	0.22	cps
Strontium	86-1	1834	1850	1975	1886	4.11	cps
Strontium	88-1	2859	3042	2900	2934	3.28	cps
Sulfur	34-1	564724	565294	566946	565655	0.20	cps
Terbium	159-1	23700476	23338841	24071992	23703770	1.55	cps
Terbium	159-2	9356403	9368064	9717214	9480560	2.16	cps
Thallium	203-1	167	183	150	167	10.00	cps
Thallium	205-1	392	350	325	356	9.47	cps
Tin	118-1	1008	1017	1083	1036	3.97	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01DUP	Instrumnet Name :	P8
Client Sample ID :	210816019-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:29:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	383	317	342	10.63	cps
Uranium	238-1	33	33	83	50	57.75	cps
Vanadium	51-2	40	43	23	36	30.14	cps
Ytterbium	172-1	75	92	100	89	14.32	cps
Ytterbium	172-2	22	28	17	22	25.00	cps
Ytterbium	176-1	2859	2750	2759	2789	2.16	cps
Ytterbium	176-2	3623	3967	3123	3571	11.89	cps
Yttrium	89-1	31118580	31211451	31772445	31367492	1.13	cps
Yttrium	89-2	3244276	3182802	3218808	3215295	0.96	cps
Zinc	66-2	1097	913	1033	1014	9.18	cps
Zirconium	90-1	1733	2175	1809	1906	12.40	cps
Zirconium	91-1	325	342	350	339	3.76	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366	395	364	375	4.63	cps
Antimony	121-1	83	92	108	94	13.48	cps
Arsenic	75-2	3	5	6	5	32.73	cps
Barium	135-1	292	283	408	328	21.32	cps
Barium	137-1	475	475	500	483	2.99	cps
Beryllium	9-1	22	18	32	24	30.03	cps
Bismuth	209-1	14145275	14231174	14490980	14289143	1.26	cps
Bismuth	209-2	7077709	6987588	7114490	7059929	0.92	cps
Boron	10-1	1254	1252	1260	1255	0.33	cps
Boron	11-1	5732	5710	5694	5712	0.33	cps
Bromine	81-1	8622	8692	9012	8775	2.37	cps
Cadmium	111-1	934	875	918	909	3.37	cps
Cadmium	106-1	9337	9003	8911	9084	2.46	cps
Cadmium	108-1	71	96	63	76	22.71	cps
Calcium	43-1	750	745	776	757	2.22	cps
Calcium	44-1	37001	37092	36921	37005	0.23	cps
Carbon	12-1	9661644	9919810	10072938	9884797	2.10	cps
Carbon	12-2	97389	97917	97306	97538	0.34	cps
Chlorine	35-1	356934	362854	361784	360524	0.87	cps
Chlorine	35-2	2400	2609	2492	2500	4.18	cps
Chromium	52-2	1470	1443	1443	1452	1.06	cps
Cobalt	59-2	57	67	87	70	21.82	cps
Copper	63-2	1217	1267	1223	1236	2.20	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	175	158	183	172	7.39	cps
Erbium	164-2	70	57	63	63	10.52	cps
Gadolinium	160-1	183	183	158	175	8.25	cps
Gadolinium	160-2	90	63	83	79	17.59	cps
Holmium	165-1	22169887	22705052	22290443	22388460	1.25	cps
Holmium	165-2	9718283	9696727	9286989	9567333	2.54	cps
Indium	115-1	20078886	19687077	19356704	19707555	1.83	cps
Indium	115-2	2874006	2823113	2878933	2858684	1.08	cps
Iron	54-2	461	500	400	454	11.11	cps
Iron	56-2	4901	5168	5307	5125	4.02	cps
Iron	57-2	183	150	100	144	29.04	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1020	960	997	3.23	cps
Lead	206-1	872	867	1011	917	8.93	cps
Lead	207-1	906	800	800	835	7.30	cps
Lead	208-1	3834	3767	3600	3734	3.22	cps
Lithium	6-1	11426060	11803921	11681786	11637256	1.66	cps
Magnesium	24-2	533	467	650	550	16.87	cps
Manganese	55-2	130	123	87	113	20.59	cps
Molybdenum	94-1	542	617	692	617	12.16	cps
Molybdenum	95-1	50	75	42	56	31.22	cps
Molybdenum	96-1	150	250	200	200	25.00	cps
Molybdenum	97-1	33	25	8	22	57.29	cps
Molybdenum	98-1	83	67	100	83	20.00	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	83	100	86	15.75	cps
Phosphorus	31-2	267	258	333	286	14.37	cps
Potassium	39-2	16560	16110	16460	16376	1.44	cps
Rhodium	103-1	19626293	19296182	19312253	19411576	0.96	cps
Rhodium	103-2	8832353	8716974	8745942	8765090	0.68	cps
Scandium	45-1	14804108	14974264	15084535	14954302	0.94	cps
Scandium	45-2	502273	491964	492097	495445	1.19	cps
Selenium	82-1	38	3	73	38	91.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	31	30	29	7.10	cps
Silicon	28-1	348952	352822	357027	352934	1.14	cps
Silver	107-1	192	167	183	181	7.05	cps
Silver	109-1	50	67	75	64	19.92	cps
Sodium	23-2	36672	36713	36179	36521	0.81	cps
Strontium	86-1	1784	1725	1909	1806	5.19	cps
Strontium	88-1	1875	1550	1500	1642	12.40	cps
Sulfur	34-1	568244	560474	557408	562042	0.99	cps
Terbium	159-1	23209014	23362975	23213692	23261894	0.38	cps
Terbium	159-2	9475347	9299267	9488048	9420888	1.12	cps
Thallium	203-1	125	50	167	114	51.91	cps
Thallium	205-1	358	358	350	356	1.35	cps
Tin	118-1	1183	1317	1100	1200	9.11	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01LX5	Instrumnet Name :	P8
Client Sample ID :	210816019-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-23 15:32:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	275	300	292	4.95	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	27	27	17	23	24.74	cps
Ytterbium	172-1	58	83	67	69	18.33	cps
Ytterbium	172-2	39	11	33	28	52.92	cps
Ytterbium	176-1	3067	2700	2834	2867	6.48	cps
Ytterbium	176-2	2767	2745	2639	2717	2.51	cps
Yttrium	89-1	30829619	31464100	30103301	30799006	2.21	cps
Yttrium	89-2	3301007	3219373	3193855	3238078	1.73	cps
Zinc	66-2	623	730	710	688	8.24	cps
Zirconium	90-1	1784	1592	1925	1767	9.47	cps
Zirconium	91-1	433	483	383	433	11.54	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058544	1060829	1053761	1057711	0.34	cps
Antimony	121-1	5312405	5351064	5385489	5349653	0.68	cps
Arsenic	75-2	170087	169318	169232	169546	0.28	cps
Barium	135-1	6718058	6836031	6885448	6813179	1.26	cps
Barium	137-1	11371338	11561860	11643835	11525678	1.21	cps
Beryllium	9-1	2185519	2275647	2210082	2223749	2.10	cps
Bismuth	209-1	13437643	14057871	14452165	13982560	3.66	cps
Bismuth	209-2	6783339	6852683	6802893	6812972	0.52	cps
Boron	10-1	248501	262405	271105	260670	4.37	cps
Boron	11-1	1075425	1140438	1205027	1140297	5.68	cps
Bromine	81-1	8501	8662	8101	8421	3.43	cps
Cadmium	111-1	1372603	1407740	1392603	1390982	1.27	cps
Cadmium	106-1	171442	171416	172091	171650	0.22	cps
Cadmium	108-1	116886	114673	116454	116004	1.01	cps
Calcium	43-1	3682000	3683369	3729808	3698392	0.74	cps
Calcium	44-1	48822605	48803453	48353901	48659986	0.55	cps
Carbon	12-1	12995446	13859785	14772607	13875946	6.40	cps
Carbon	12-2	154424	156201	156965	155863	0.84	cps
Chlorine	35-1	317735	322427	317089	319084	0.91	cps
Chlorine	35-2	2142	1967	2625	2245	15.19	cps
Chromium	52-2	2013867	1963296	1966855	1981339	1.42	cps
Cobalt	59-2	3500985	3620726	3446226	3522646	2.53	cps
Copper	63-2	27886315	28597287	27822667	28102090	1.53	cps
Dysprosium	156-1	242	342	300	294	17.06	cps
Dysprosium	156-2	110	90	100	100	10.00	cps
Erbium	164-1	175	183	217	192	11.50	cps
Erbium	164-2	67	70	57	64	10.76	cps
Gadolinium	160-1	375	442	517	444	15.95	cps
Gadolinium	160-2	173	167	167	169	2.28	cps
Holmium	165-1	23212830	23136391	23283771	23210998	0.32	cps
Holmium	165-2	9828170	9843982	10060580	9910911	1.31	cps
Indium	115-1	19559939	19413329	20379508	19784259	2.63	cps
Indium	115-2	2775602	2801544	2812323	2796489	0.67	cps
Iron	54-2	4500478	4456601	4449701	4468927	0.62	cps
Iron	56-2	81610560	80715799	80195649	80840669	0.89	cps
Iron	57-2	2021055	2032302	1968713	2007356	1.69	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1113	1047	1083	3.12	cps
Lead	206-1	21012265	21483974	21828883	21441707	1.91	cps
Lead	207-1	18594482	18456514	19259139	18770045	2.29	cps
Lead	208-1	84284025	84934055	87470364	85562815	1.97	cps
Lithium	6-1	11607277	12082066	11958043	11882462	2.07	cps
Magnesium	24-2	15820610	15561174	15795897	15725893	0.91	cps
Manganese	55-2	10291296	10058533	10200248	10183359	1.15	cps
Molybdenum	94-1	19701199	19994191	20278117	19991169	1.44	cps
Molybdenum	95-1	28289803	29042376	28588573	28640250	1.32	cps
Molybdenum	96-1	30890473	31956611	31691785	31512956	1.76	cps
Molybdenum	97-1	17506572	17665766	17716008	17629449	0.62	cps
Molybdenum	98-1	46301615	46214530	45444364	45986836	1.03	cps
Neodymium	150-1	307	280	300	296	4.70	cps
Neodymium	150-2	7	13	23	14	58.06	cps
Nickel	60-2	900580	920861	898877	906773	1.35	cps
Phosphorus	31-2	200	275	275	250	17.32	cps
Potassium	39-2	5381452	5295245	5318645	5331781	0.84	cps
Rhodium	103-1	19136818	18865430	19032051	19011433	0.72	cps
Rhodium	103-2	8411621	8376422	8527472	8438505	0.94	cps
Scandium	45-1	15011990	15086374	15395572	15164645	1.34	cps
Scandium	45-2	490906	492539	499516	494320	0.93	cps
Selenium	82-1	114747	115172	115736	115218	0.43	cps
Selenium	77-2	3347	3324	3150	3274	3.28	cps
Selenium	78-2	11492	11453	11494	11480	0.20	cps
Silicon	28-1	5219286	5392204	5490307	5367266	2.56	cps
Silver	107-1	7422254	7657671	7740926	7606950	2.17	cps
Silver	109-1	7041367	7101173	7173156	7105232	0.93	cps
Sodium	23-2	30449479	29760569	30349981	30186676	1.23	cps
Strontium	86-1	173139291	174371108	171729691	173080030	0.76	cps
Strontium	88-1	1483806967	1504823567	1486764567	1491798367	0.76	cps
Sulfur	34-1	519015	508039	503839	510298	1.54	cps
Terbium	159-1	23055413	24026316	24631705	23904478	3.33	cps
Terbium	159-2	9573926	9606992	9681556	9620825	0.57	cps
Thallium	203-1	5014876	5110682	5232244	5119267	2.13	cps
Thallium	205-1	11898201	11873351	11979761	11917104	0.47	cps
Tin	118-1	4910769	4760702	4916205	4862559	1.81	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MS	Instrumnet Name :	P8
Client Sample ID :	210816019-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:37:11	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8947649	9251270	9381110	9193343	2.42	cps
Uranium	238-1	16148009	16258849	16398965	16268608	0.77	cps
Vanadium	51-2	1623914	1539227	1534089	1565743	3.22	cps
Ytterbium	172-1	50	133	42	75	67.59	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	3042	2634	2925	2867	7.34	cps
Ytterbium	176-2	2523	3073	2789	2795	9.84	cps
Yttrium	89-1	30447521	30886312	32091235	31141690	2.73	cps
Yttrium	89-2	3263803	3243061	3275688	3260851	0.51	cps
Zinc	66-2	3279466	3311221	3291299	3293996	0.49	cps
Zirconium	90-1	10030279	9951978	10424585	10135614	2.50	cps
Zirconium	91-1	2244760	2271827	2319182	2278590	1.65	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1084371	1089487	1083700	1085852	0.29	cps
Antimony	121-1	5313332	5400767	5364575	5359558	0.82	cps
Arsenic	75-2	174648	174675	173783	174369	0.29	cps
Barium	135-1	6725085	6694330	6778192	6732536	0.63	cps
Barium	137-1	11645829	11592229	11738772	11658943	0.64	cps
Beryllium	9-1	2157163	2221023	2229655	2202614	1.80	cps
Bismuth	209-1	13984130	14169843	14225427	14126467	0.89	cps
Bismuth	209-2	7055928	7177133	6887218	7040093	2.07	cps
Boron	10-1	274650	286273	294486	285136	3.50	cps
Boron	11-1	1200022	1212881	1245900	1219601	1.94	cps
Bromine	81-1	9463	8662	8331	8819	6.60	cps
Cadmium	111-1	1411766	1417903	1445134	1424934	1.25	cps
Cadmium	106-1	170474	172765	170285	171175	0.81	cps
Cadmium	108-1	117684	118999	117438	118040	0.71	cps
Calcium	43-1	4123149	4177200	4191487	4163945	0.87	cps
Calcium	44-1	55154690	55269834	55622026	55348850	0.44	cps
Carbon	12-1	14061703	14709192	15341388	14704094	4.35	cps
Carbon	12-2	156386	163175	166444	162002	3.17	cps
Chlorine	35-1	308819	313032	310786	310879	0.68	cps
Chlorine	35-2	1925	2384	2434	2247	12.47	cps
Chromium	52-2	2025629	2056710	2012078	2031472	1.13	cps
Cobalt	59-2	3615391	3541405	3617175	3591324	1.20	cps
Copper	63-2	28940280	28945444	29388660	29091461	0.88	cps
Dysprosium	156-1	300	225	250	258	14.78	cps
Dysprosium	156-2	87	110	83	93	15.57	cps
Erbium	164-1	200	200	208	203	2.37	cps
Erbium	164-2	90	83	87	87	3.85	cps
Gadolinium	160-1	450	542	567	519	11.83	cps
Gadolinium	160-2	160	160	173	164	4.68	cps
Holmium	165-1	23325717	22903945	23924676	23384779	2.19	cps
Holmium	165-2	9925719	10194813	9921138	10013890	1.56	cps
Indium	115-1	19690270	20364659	20420565	20158498	2.02	cps
Indium	115-2	2864084	2916174	2850599	2876952	1.20	cps
Iron	54-2	4595323	4552678	4482981	4543661	1.25	cps
Iron	56-2	82954855	84102752	82936621	83331409	0.80	cps
Iron	57-2	2037900	2056166	2049151	2047739	0.45	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1123	1070	1087	2.93	cps
Lead	206-1	21904753	21364646	22378428	21882609	2.32	cps
Lead	207-1	19172806	18622009	19230178	19008331	1.77	cps
Lead	208-1	86894272	85138792	88649266	86894110	2.02	cps
Lithium	6-1	11763058	11786561	12125613	11891744	1.71	cps
Magnesium	24-2	16362087	16024996	15668613	16018565	2.16	cps
Manganese	55-2	10643008	10409376	10353385	10468590	1.47	cps
Molybdenum	94-1	20288153	20390776	20554620	20411183	0.66	cps
Molybdenum	95-1	29048418	29501223	29305366	29285002	0.78	cps
Molybdenum	96-1	31565213	32961399	32277100	32267904	2.16	cps
Molybdenum	97-1	17831793	18640259	17870079	18114044	2.52	cps
Molybdenum	98-1	46848164	48303959	46410743	47187622	2.10	cps
Neodymium	150-1	207	213	300	240	21.70	cps
Neodymium	150-2	27	23	17	22	22.91	cps
Nickel	60-2	917221	925242	937704	926722	1.11	cps
Phosphorus	31-2	267	192	200	219	18.73	cps
Potassium	39-2	5417468	5476032	5515610	5469703	0.90	cps
Rhodium	103-1	18726878	19080695	19175927	18994500	1.25	cps
Rhodium	103-2	8789051	8879733	8664519	8777768	1.23	cps
Scandium	45-1	15628942	15553561	15672982	15618495	0.39	cps
Scandium	45-2	511034	511380	511385	511267	0.04	cps
Selenium	82-1	117273	117220	118487	117660	0.61	cps
Selenium	77-2	3424	3447	3367	3413	1.21	cps
Selenium	78-2	11857	11708	11598	11721	1.11	cps
Silicon	28-1	5366620	5480171	5692453	5513081	3.00	cps
Silver	107-1	7442343	7747784	7605522	7598550	2.01	cps
Silver	109-1	7327774	7429383	7179200	7312119	1.72	cps
Sodium	23-2	30415873	31668791	30358409	30814358	2.40	cps
Strontium	86-1	171345029	175732254	178999842	175359041	2.19	cps
Strontium	88-1	1484395533	1517892901	1513414167	1505234200	1.21	cps
Sulfur	34-1	495514	495371	488336	493074	0.83	cps
Terbium	159-1	23698082	24287533	24589203	24191606	1.87	cps
Terbium	159-2	9733272	10012895	10113445	9953204	1.98	cps
Thallium	203-1	5287780	5223081	5363816	5291559	1.33	cps
Thallium	205-1	12341869	12083182	12569460	12331503	1.97	cps
Tin	118-1	4905841	4907239	4954552	4922544	0.56	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01MSD	Instrumnet Name :	P8
Client Sample ID :	210816019-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:40:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9587819	9398640	9272237	9419565	1.69	cps
Uranium	238-1	16461784	16236794	16423042	16373873	0.73	cps
Vanadium	51-2	1619526	1620283	1594906	1611572	0.90	cps
Ytterbium	172-1	75	100	100	92	15.75	cps
Ytterbium	172-2	33	33	22	30	21.65	cps
Ytterbium	176-1	2842	2617	2734	2731	4.12	cps
Ytterbium	176-2	2506	2467	2567	2513	2.01	cps
Yttrium	89-1	31716427	31467367	32262710	31815501	1.28	cps
Yttrium	89-2	3349698	3377397	3332868	3353321	0.67	cps
Zinc	66-2	3405157	3374334	3292662	3357384	1.73	cps
Zirconium	90-1	10401035	10219204	10557762	10392667	1.63	cps
Zirconium	91-1	2351469	2341555	2409756	2367594	1.56	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100068	1092746	1091508	1094774	0.42	cps
Antimony	121-1	5340721	5401642	5472504	5404956	1.22	cps
Arsenic	75-2	176822	176182	175734	176246	0.31	cps
Barium	135-1	6768888	6846995	7079091	6898324	2.34	cps
Barium	137-1	11758435	11990749	12073843	11941009	1.37	cps
Beryllium	9-1	2226279	2271227	2252651	2250052	1.00	cps
Bismuth	209-1	13824978	14160090	14185751	14056940	1.43	cps
Bismuth	209-2	6656358	7092689	7049916	6932988	3.47	cps
Boron	10-1	276711	290053	302195	289653	4.40	cps
Boron	11-1	1233142	1240214	1320334	1264563	3.83	cps
Bromine	81-1	8612	8411	8371	8465	1.52	cps
Cadmium	111-1	1391903	1451683	1413126	1418904	2.14	cps
Cadmium	106-1	171453	172551	177408	173804	1.82	cps
Cadmium	108-1	116429	118403	119156	117996	1.19	cps
Calcium	43-1	4032534	4001500	4000885	4011640	0.45	cps
Calcium	44-1	52790200	52434752	53512575	52912509	1.04	cps
Carbon	12-1	14260065	14923871	15938663	15040867	5.62	cps
Carbon	12-2	165418	166824	164438	165560	0.72	cps
Chlorine	35-1	341310	341489	342997	341932	0.27	cps
Chlorine	35-2	2817	2817	2375	2670	9.55	cps
Chromium	52-2	2081295	2056955	2059010	2065754	0.65	cps
Cobalt	59-2	3657992	3668613	3551200	3625935	1.79	cps
Copper	63-2	28863117	28680884	29542780	29028927	1.56	cps
Dysprosium	156-1	192	233	275	233	17.86	cps
Dysprosium	156-2	113	97	90	100	12.02	cps
Erbium	164-1	92	200	175	156	36.47	cps
Erbium	164-2	90	103	87	93	9.45	cps
Gadolinium	160-1	575	525	542	547	4.65	cps
Gadolinium	160-2	170	187	190	182	5.88	cps
Holmium	165-1	23108011	23308280	23750491	23388927	1.41	cps
Holmium	165-2	9765828	9961646	10185689	9971054	2.11	cps
Indium	115-1	20029446	20044830	19966141	20013472	0.21	cps
Indium	115-2	2821247	2851674	2895309	2856077	1.30	cps
Iron	54-2	4636318	4513876	4501838	4550678	1.64	cps
Iron	56-2	82926613	82249205	82231727	82469181	0.48	cps
Iron	57-2	2091927	2086757	2058620	2079101	0.86	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1207	1147	1138	6.48	cps
Lead	206-1	21178589	21388591	22124034	21563738	2.30	cps
Lead	207-1	18404623	18939229	19317652	18887168	2.43	cps
Lead	208-1	85552217	87111103	88111980	86925100	1.48	cps
Lithium	6-1	11892934	12057414	11893894	11948080	0.79	cps
Magnesium	24-2	16785782	16291072	15997684	16358179	2.43	cps
Manganese	55-2	10587096	10377099	10306668	10423621	1.40	cps
Molybdenum	94-1	20257105	20266042	20402947	20308698	0.40	cps
Molybdenum	95-1	29475253	29277544	29282811	29345203	0.38	cps
Molybdenum	96-1	32546640	32009537	32369392	32308523	0.85	cps
Molybdenum	97-1	17991866	17974485	18033130	17999827	0.17	cps
Molybdenum	98-1	47267131	48425432	47251017	47647860	1.41	cps
Neodymium	150-1	247	260	273	260	5.13	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	935131	937679	929641	934150	0.44	cps
Phosphorus	31-2	350	217	342	303	24.67	cps
Potassium	39-2	5590394	5629702	5534270	5584789	0.86	cps
Rhodium	103-1	19156295	19587269	19303507	19349024	1.13	cps
Rhodium	103-2	8444753	8676911	8712896	8611520	1.69	cps
Scandium	45-1	15934478	15620465	15662274	15739072	1.08	cps
Scandium	45-2	509068	516788	512159	512672	0.76	cps
Selenium	82-1	118785	117835	119102	118574	0.56	cps
Selenium	77-2	3557	3330	3450	3446	3.29	cps
Selenium	78-2	11937	11693	11998	11876	1.36	cps
Silicon	28-1	5408871	5621093	5848734	5626233	3.91	cps
Silver	107-1	7558719	7673134	7866051	7699301	2.02	cps
Silver	109-1	7251523	7146813	7360054	7252797	1.47	cps
Sodium	23-2	32234251	31281382	30708837	31408157	2.45	cps
Strontium	86-1	175052575	173879275	178644416	175858755	1.41	cps
Strontium	88-1	1550388968	1527808434	1536144934	1538114112	0.74	cps
Sulfur	34-1	489644	483159	484074	485625	0.72	cps
Terbium	159-1	23952390	23703413	24098230	23918011	0.83	cps
Terbium	159-2	9881651	9925284	10117131	9974689	1.26	cps
Thallium	203-1	5325394	5266701	5261177	5284424	0.67	cps
Thallium	205-1	12164129	12181047	12427127	12257434	1.20	cps
Tin	118-1	5055734	4970528	5016740	5014334	0.85	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	M3477-01A	Instrumnet Name :	P8
Client Sample ID :	210816019-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:43:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9523146	9699525	9761723	9661464	1.28	cps
Uranium	238-1	16435856	16629025	16659761	16574881	0.73	cps
Vanadium	51-2	1676726	1646958	1632882	1652189	1.35	cps
Ytterbium	172-1	58	33	100	64	52.72	cps
Ytterbium	172-2	17	44	28	30	47.18	cps
Ytterbium	176-1	2900	2625	2675	2734	5.36	cps
Ytterbium	176-2	2284	2428	2550	2421	5.52	cps
Yttrium	89-1	31888099	31039812	32252796	31726902	1.96	cps
Yttrium	89-2	3302239	3331420	3385088	3339582	1.26	cps
Zinc	66-2	3341061	3402121	3431082	3391422	1.36	cps
Zirconium	90-1	10294401	10284170	10528985	10369185	1.34	cps
Zirconium	91-1	2311401	2366809	2414037	2364082	2.17	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5504741	5470070	5681487	5552099	2.04	cps
Antimony	121-1	5093502	5196005	5171206	5153571	1.04	cps
Arsenic	75-2	171357	169745	170862	170655	0.48	cps
Barium	135-1	6357467	6507219	6541841	6468842	1.51	cps
Barium	137-1	11076992	11078496	11151129	11102206	0.38	cps
Beryllium	9-1	2151060	2068961	2126904	2115642	1.99	cps
Bismuth	209-1	13028261	12983778	13272120	13094720	1.19	cps
Bismuth	209-2	6583840	6459678	6525534	6523017	0.95	cps
Boron	10-1	266636	274655	284270	275187	3.21	cps
Boron	11-1	1191747	1227915	1233637	1217766	1.87	cps
Bromine	81-1	8361	8792	9413	8855	5.97	cps
Cadmium	111-1	1358484	1351721	1351139	1353782	0.30	cps
Cadmium	106-1	169116	168321	164248	167228	1.56	cps
Cadmium	108-1	107918	110610	112013	110180	1.89	cps
Calcium	43-1	10764601	11160680	11078696	11001325	1.90	cps
Calcium	44-1	174352221	181295133	178432391	178026582	1.96	cps
Carbon	12-1	12580231	13271792	13565902	13139308	3.85	cps
Carbon	12-2	146594	145466	145660	145907	0.41	cps
Chlorine	35-1	377058	383781	384969	381936	1.12	cps
Chlorine	35-2	2967	2959	2659	2861	6.14	cps
Chromium	52-2	1994703	2016297	1989326	2000109	0.71	cps
Cobalt	59-2	3448440	3454072	3391336	3431283	1.01	cps
Copper	63-2	25827015	25107805	25656160	25530327	1.47	cps
Dysprosium	156-1	1100	1250	1142	1164	6.65	cps
Dysprosium	156-2	567	447	450	488	14.01	cps
Erbium	164-1	317	317	292	308	4.68	cps
Erbium	164-2	103	127	107	112	11.24	cps
Gadolinium	160-1	1158	1408	1483	1350	12.61	cps
Gadolinium	160-2	690	673	570	644	10.09	cps
Holmium	165-1	23190094	23321213	22728114	23079807	1.35	cps
Holmium	165-2	9967262	9844610	9959614	9923829	0.69	cps
Indium	115-1	18883098	19377254	18713443	18991265	1.82	cps
Indium	115-2	2830695	2781573	2777732	2796666	1.06	cps
Iron	54-2	21388946	20970699	21410941	21256862	1.17	cps
Iron	56-2	389964586	378808008	394853142	387875246	2.12	cps
Iron	57-2	9482201	9541727	9439353	9487760	0.54	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1087	1067	1108	4.95	cps
Lead	206-1	20200476	20301204	20654876	20385519	1.17	cps
Lead	207-1	17212118	17346590	17646657	17401788	1.28	cps
Lead	208-1	78957482	79616373	81098049	79890634	1.37	cps
Lithium	6-1	11682851	11359959	11523951	11522254	1.40	cps
Magnesium	24-2	78870385	78508902	78804127	78727805	0.24	cps
Manganese	55-2	9977548	9772085	9815611	9855081	1.10	cps
Molybdenum	94-1	12266317	12720634	12567098	12518016	1.85	cps
Molybdenum	95-1	15108154	15532346	15561877	15400792	1.65	cps
Molybdenum	96-1	16658619	17237859	17882709	17259729	3.55	cps
Molybdenum	97-1	9270368	9375686	9874009	9506687	3.39	cps
Molybdenum	98-1	24419642	24551674	25507557	24826291	2.39	cps
Neodymium	150-1	280	387	300	322	17.60	cps
Neodymium	150-2	40	23	43	36	30.14	cps
Nickel	60-2	944075	941971	946856	944300	0.26	cps
Phosphorus	31-2	57824	57289	57666	57593	0.48	cps
Potassium	39-2	27342174	27086672	26496234	26975027	1.61	cps
Rhodium	103-1	17977602	17889422	18011508	17959511	0.35	cps
Rhodium	103-2	8269620	8199872	8178186	8215893	0.58	cps
Scandium	45-1	15194048	15214735	15097770	15168851	0.41	cps
Scandium	45-2	517138	508841	514681	513553	0.83	cps
Selenium	82-1	111277	111534	112283	111698	0.47	cps
Selenium	77-2	3174	3387	3274	3278	3.26	cps
Selenium	78-2	11599	11500	11679	11593	0.77	cps
Silicon	28-1	5878602	6117488	6099094	6031728	2.20	cps
Silver	107-1	7373885	7700099	7378223	7484069	2.50	cps
Silver	109-1	7091382	7032382	7497492	7207085	3.51	cps
Sodium	23-2	155380083	153648770	153199195	154076016	0.75	cps
Strontium	86-1	19912608	19814144	19608434	19778395	0.78	cps
Strontium	88-1	165567195	171642696	168851495	168687129	1.80	cps
Sulfur	34-1	1170561	1172278	1167909	1170250	0.19	cps
Terbium	159-1	23319241	23147218	24147241	23537900	2.27	cps
Terbium	159-2	9871505	9867855	9699257	9812873	1.00	cps
Thallium	203-1	4837123	5025001	5010121	4957415	2.11	cps
Thallium	205-1	11633977	11802539	11584700	11673739	0.98	cps
Tin	118-1	4515132	4648421	4588681	4584078	1.46	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:46:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5072962	5084854	5021350	5059722	0.67	cps
Uranium	238-1	16019474	16191485	15985164	16065374	0.69	cps
Vanadium	51-2	1643988	1619186	1636129	1633101	0.78	cps
Ytterbium	172-1	92	83	58	78	22.31	cps
Ytterbium	172-2	44	22	44	37	34.65	cps
Ytterbium	176-1	2734	2567	2775	2692	4.10	cps
Ytterbium	176-2	2517	2395	2606	2506	4.23	cps
Yttrium	89-1	30996706	30977068	30492830	30822201	0.93	cps
Yttrium	89-2	3409758	3354808	3377630	3380732	0.82	cps
Zinc	66-2	3016097	2966662	3018357	3000372	0.97	cps
Zirconium	90-1	10061162	10318806	10202733	10194234	1.27	cps
Zirconium	91-1	2264650	2357532	2297414	2306532	2.04	cps

LB Number : LB116001 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-23 15:57:22 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271	247	230	250	8.30	cps
Antimony	121-1	483	542	625	550	12.95	cps
Arsenic	75-2	7	8	6	7	14.29	cps
Barium	135-1	317	400	300	339	15.81	cps
Barium	137-1	525	600	600	575	7.53	cps
Beryllium	9-1	106	70	80	85	21.78	cps
Bismuth	209-1	14316017	14321079	14042783	14226626	1.12	cps
Bismuth	209-2	7316729	7494269	7276380	7362459	1.57	cps
Boron	10-1	8429	8347	8597	8457	1.51	cps
Boron	11-1	39166	38248	38964	38793	1.24	cps
Bromine	81-1	8832	8481	8501	8605	2.29	cps
Cadmium	111-1	870	890	865	875	1.53	cps
Cadmium	106-1	8703	8995	8778	8825	1.72	cps
Cadmium	108-1	83	108	138	110	24.71	cps
Calcium	43-1	535	564	622	574	7.77	cps
Calcium	44-1	34757	34215	34555	34509	0.79	cps
Carbon	12-1	7554296	7551864	7652713	7586291	0.76	cps
Carbon	12-2	75377	75846	75251	75491	0.41	cps
Chlorine	35-1	302046	302891	302164	302367	0.15	cps
Chlorine	35-2	2009	2209	2292	2170	6.71	cps
Chromium	52-2	1303	1347	1247	1299	3.86	cps
Cobalt	59-2	157	170	130	152	13.38	cps
Copper	63-2	1363	1333	1290	1329	2.77	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	192	183	125	167	21.80	cps
Erbium	164-2	67	50	67	61	15.75	cps
Gadolinium	160-1	67	192	167	142	46.69	cps
Gadolinium	160-2	63	80	67	70	12.60	cps
Holmium	165-1	22374768	22978702	22985973	22779814	1.54	cps
Holmium	165-2	10112652	9931778	9861456	9968628	1.30	cps
Indium	115-1	20489764	19683760	20032053	20068526	2.01	cps
Indium	115-2	2972513	2917222	2887544	2925760	1.47	cps
Iron	54-2	622	467	567	552	14.29	cps
Iron	56-2	5779	5968	6479	6075	5.96	cps
Iron	57-2	139	189	144	157	17.41	cps

LB Number :	LB116001	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-23 15:57:22	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	973	1003	1026	6.45	cps
Lead	206-1	1728	1522	1817	1689	8.94	cps
Lead	207-1	1822	1661	1661	1715	5.42	cps
Lead	208-1	7218	6818	6834	6956	3.25	cps
Lithium	6-1	12221301	12142774	11936313	12100129	1.22	cps
Magnesium	24-2	800	758	667	742	9.20	cps
Manganese	55-2	200	240	277	239	16.05	cps
Molybdenum	94-1	817	692	758	756	8.28	cps
Molybdenum	95-1	208	217	258	228	11.76	cps
Molybdenum	96-1	400	383	267	350	20.76	cps
Molybdenum	97-1	142	117	167	142	17.65	cps
Molybdenum	98-1	300	242	317	286	13.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	73	87	78	9.90	cps
Phosphorus	31-2	192	300	250	247	21.93	cps
Potassium	39-2	17845	17603	17937	17795	0.97	cps
Rhodium	103-1	19412569	19889961	19241359	19514630	1.72	cps
Rhodium	103-2	9109457	9003915	8826367	8979913	1.59	cps
Scandium	45-1	15531162	15488019	15204883	15408021	1.15	cps
Scandium	45-2	499959	501909	508946	503605	0.94	cps
Selenium	82-1	-3	101	17	38	143.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	30	36	36	17.91	cps
Silicon	28-1	340204	343273	338669	340715	0.69	cps
Silver	107-1	392	275	308	325	18.49	cps
Silver	109-1	208	333	217	253	27.65	cps
Sodium	23-2	39621	37048	37357	38008	3.70	cps
Strontium	86-1	2050	1758	1909	1906	7.65	cps
Strontium	88-1	3175	2634	3125	2978	10.05	cps
Sulfur	34-1	530174	527391	525929	527831	0.41	cps
Terbium	159-1	23698155	23792897	23373837	23621630	0.93	cps
Terbium	159-2	10053389	9878148	9458102	9796546	3.12	cps
Thallium	203-1	700	692	725	706	2.46	cps
Thallium	205-1	1892	1867	1667	1809	6.82	cps
Tin	118-1	1417	1375	1275	1356	5.37	cps

LB Number :	LB116001	Operator :	Jaswal
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Client Sample ID :	CCB15	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	175	217	236	30.84	cps
Uranium	238-1	83	100	133	106	24.12	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Ytterbium	172-1	83	50	42	58	37.80	cps
Ytterbium	172-2	50	44	17	37	48.21	cps
Ytterbium	176-1	2842	2784	2534	2720	6.02	cps
Ytterbium	176-2	2811	3095	3095	3000	5.45	cps
Yttrium	89-1	31478503	31032887	30897326	31136239	0.98	cps
Yttrium	89-2	3303837	3311478	3298710	3304675	0.19	cps
Zinc	66-2	417	530	473	473	11.97	cps
Zirconium	90-1	1934	1992	1975	1967	1.53	cps
Zirconium	91-1	408	425	475	436	7.96	cps