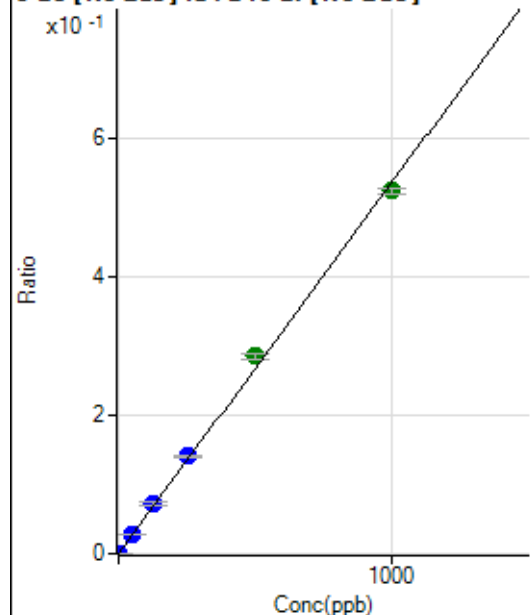


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8092122MS1.b\
 Analysis File: P8092122MS1.batch.bin
 DA Date-Time: 2022-09-21 18:41:43
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-09-21 15:38:02
2	005CALS.d	S02	2022-09-21 15:41:11
3	006CALS.d	S03	2022-09-21 15:44:22
4	007CALS.d	S04	2022-09-21 15:47:28
5	008CALS.d	S05	2022-09-21 15:50:36
6	009CALS.d	S06	2022-09-21 15:53:43
7	011CALS.d	S07	2022-09-21 15:59:58
8	012CALS.d	S08	2022-09-21 16:03:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.75	0.0000	P	15.5
2	☐	1.000	1.138	2949.52	0.0006	P	3.5
3	☐	50.000	52.541	133412.33	0.0282	P	1.0
4	☐	125.000	135.734	330357.36	0.0728	P	5.1
5	☐	250.000	262.448	631624.79	0.1407	P	3.2
6	☐	500.000	533.211	1256285.69	0.2858	A	2.8
7	☐	1000.000	978.814	2392075.45	0.5247	A	1.8
8	☐			427.04	0.0001	P	12.0

$$y = 5.3600\text{E-}004 * x + 9.3981\text{E-}006$$

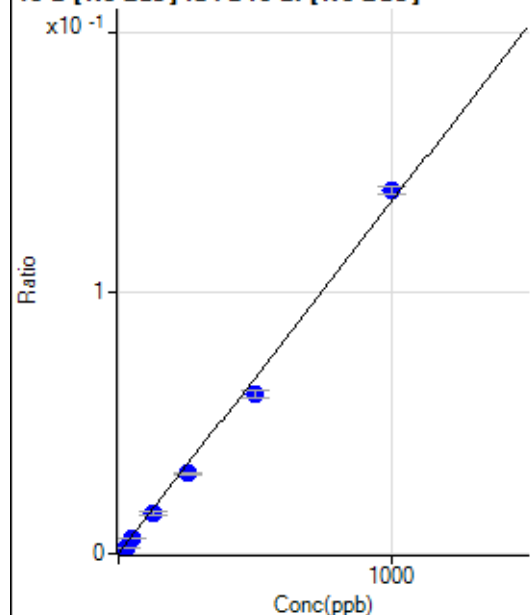
$$R = 0.9990$$

$$DL = 0.008161$$

$$BEC = 0.01753$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	367.27	0.0001	P	4.0
2	☐	25.000	14.950	9979.42	0.0021	P	3.8
3	☐	50.000	42.962	27789.32	0.0059	P	4.4
4	☐	125.000	115.022	70758.58	0.0156	P	6.5
5	☐	250.000	227.987	138407.75	0.0308	P	2.8
6	☐	500.000	452.714	268411.07	0.0611	P	5.6
7	☐	1000.000	1030.997	634172.94	0.1391	P	2.1
8	☐			46132.25	0.0110	P	17.1

$$y = 1.3481\text{E-}004 * x + 7.8834\text{E-}005$$

$$R = 0.9982$$

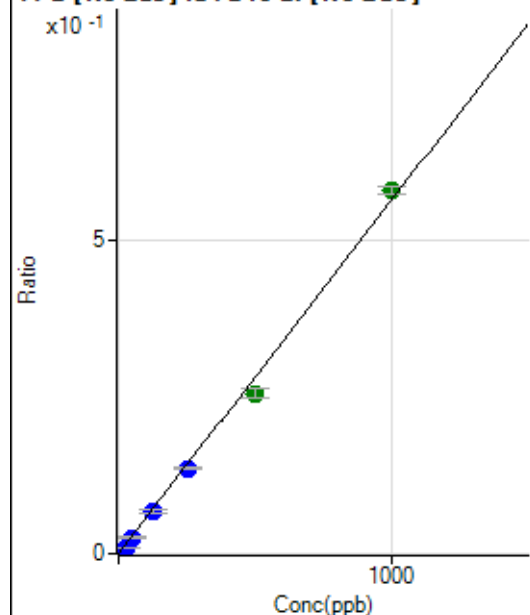
$$DL = 0.06998$$

$$BEC = 0.5848$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1571.12	0.0003	P	7.7
2	☐	25.000	15.607	43554.88	0.0091	P	3.6
3	☐	50.000	45.271	122431.85	0.0259	P	6.1
4	☐	125.000	120.557	310142.75	0.0683	P	6.9
5	☐	250.000	240.436	610567.73	0.1359	P	3.4
6	☐	500.000	453.910	1125477.58	0.2563	A	7.0
7	☐	1000.000	1026.463	2641254.02	0.5792	A	2.3
8	☐			201554.25	0.0481	P	17.5

$$y = 5.6394\text{E-}004 * x + 3.3867\text{E-}004$$

$$R = 0.9985$$

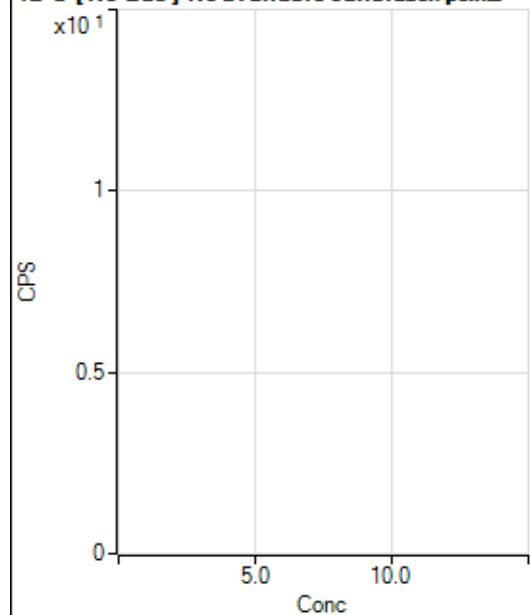
$$DL = 0.1382$$

$$BEC = 0.6005$$

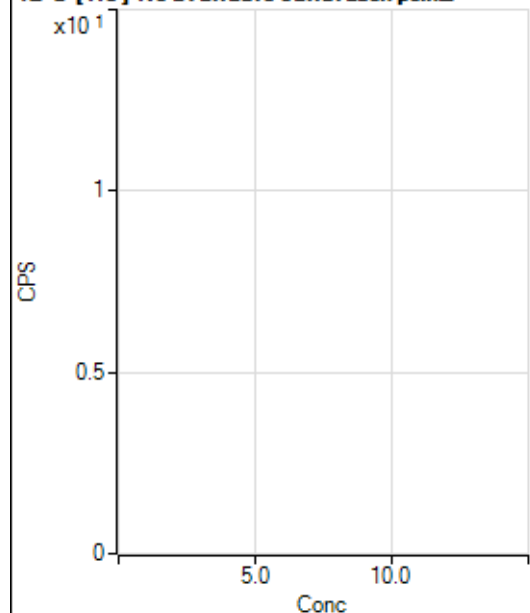
Weight: <None>

Min Conc: 0

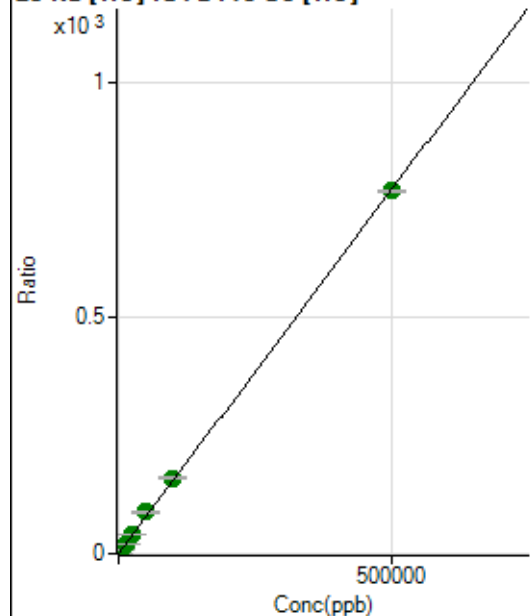
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3783917.32		A	0.3
2	☐			3610147.39		A	1.4
3	☐			3762871.18		A	1.0
4	☐			4057334.81		A	1.5
5	☐			4208900.79		A	2.1
6	☐			4807383.05		A	6.2
7	☐			5445463.01		A	3.3
8	☐			4659529.05		A	2.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46368.48		P	0.4
2	☐			45184.26		P	1.8
3	☐			46655.48		P	1.3
4	☐			50417.99		P	2.2
5	☐			55751.21		P	0.8
6	☐			66292.26		P	0.4
7	☐			73311.45		P	1.6
8	☐			63558.10		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23352.62	0.1065	P	7.0
2	☐	500.000	537.049	190002.91	0.9346	P	11.8
3	☐	5000.000	5136.351	1680876.95	8.0270	A	0.7
4	☐	12500.000	13010.714	4151762.07	20.1698	A	2.2
5	☐	25000.000	26389.742	8144463.03	40.8010	A	0.5
6	☐	50000.000	57090.556	15625312.33	88.1435	A	2.2
7	☐	100000.00	103805.32	32963859.42	160.1804	A	2.9
8	☐	500000.00	498446.22	155918178.4	768.7397	A	0.5

$$y = 0.0015 * x + 0.1065$$

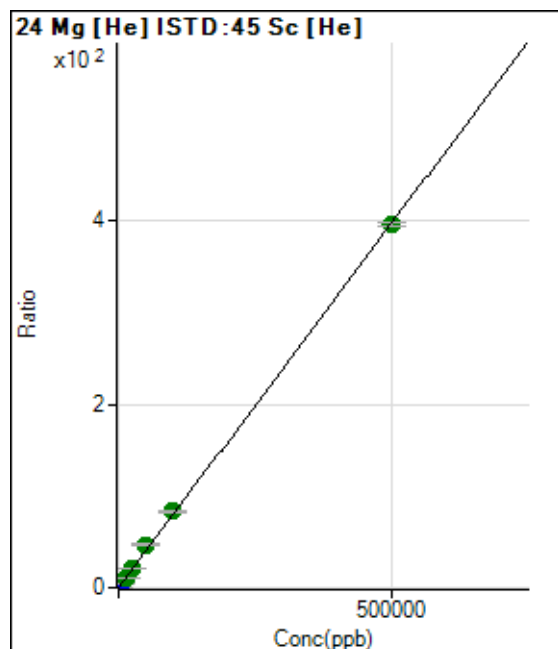
$$R = 0.9999$$

$$DL = 14.43$$

$$BEC = 69.05$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0011	P	25.4
2	☐	500.000	581.138	94196.64	0.4630	P	10.9
3	☐	5000.000	5236.586	871779.38	4.1632	P	1.5
4	☐	12500.000	13626.404	2229592.82	10.8315	A	3.4
5	☐	25000.000	27124.850	4303854.57	21.5603	A	0.7
6	☐	50000.000	58958.285	8306226.06	46.8619	A	2.7
7	☐	100000.00	105229.46	17217480.59	83.6388	A	2.3
8	☐	500000.00	497921.42	80256746.24	395.7554	A	1.0

$$y = 7.9481\text{E-}004 * x + 0.0011$$

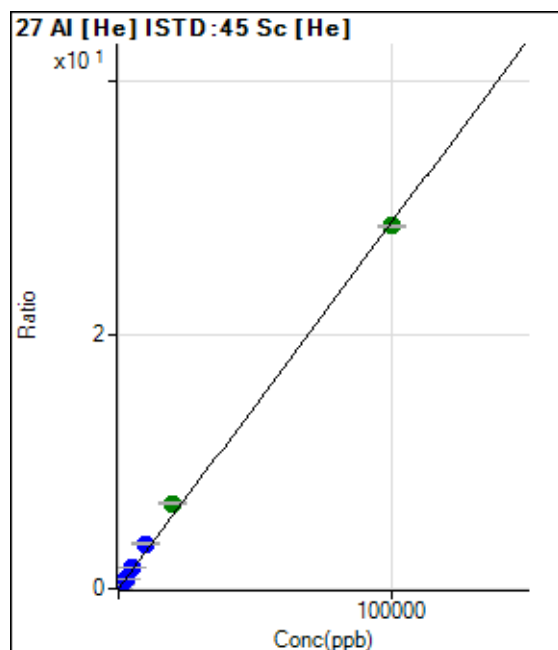
$$R = 0.9998$$

$$DL = 1.05$$

$$BEC = 1.376$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.48	0.0008	P	9.2
2	☐	20.000	23.703	1557.81	0.0077	P	11.7
3	☐	1000.000	1153.666	69776.22	0.3332	P	1.4
4	☐	2500.000	2847.299	169036.91	0.8212	P	1.2
5	☐	5000.000	5593.951	321886.75	1.6126	P	1.1
6	☐	10000.000	12230.264	624463.55	3.5246	P	3.6
7	☐	20000.000	23182.081	1374824.92	6.6800	A	1.9
8	☐	100000.00	99100.640	5790651.54	28.5536	A	0.8

$$y = 2.8812\text{E-}004 * x + 8.3239\text{E-}004$$

$$R = 0.9993$$

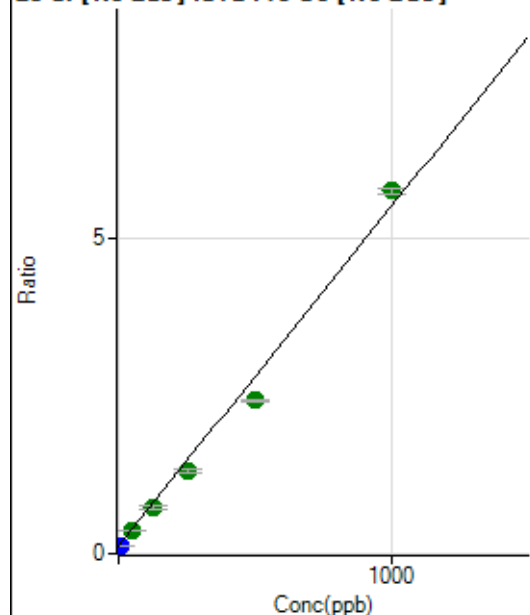
$$DL = 0.8004$$

$$BEC = 2.889$$

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	724308.74	0.1237	P	3.9
2	☐	10.000	2.031	775595.57	0.1347	P	2.2
3	☐	50.000	43.109	2062493.17	0.3555	A	2.4
4	☐	125.000	113.608	4064627.65	0.7344	A	5.5
5	☐	250.000	220.846	7281287.05	1.3108	A	3.3
6	☐	500.000	427.785	13312938.23	2.4232	A	1.3
7	☐	1000.000	1045.244	32418738.57	5.7422	A	1.6
8	☐			1699565.10	0.3197	A	10.9

$$y = 0.0054 * x + 0.1237$$

$$R = 0.9960$$

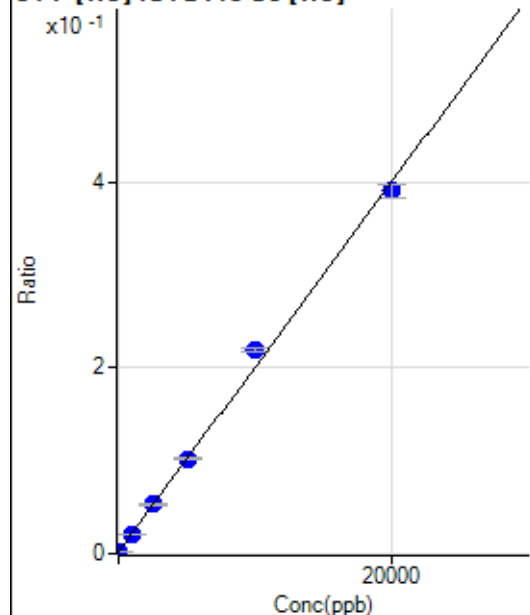
$$DL = 2.661$$

$$BEC = 23.02$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.699	416.69	0.0019	P	14.9
2	☐	0.000	11.699	483.35	0.0024	P	15.4
3	☐	1000.000	956.449	4425.79	0.0211	P	3.8
4	☐	2500.000	2546.799	10854.34	0.0527	P	2.0
5	☐	5000.000	5036.975	20400.98	0.1022	P	1.8
6	☐	10000.000	10916.816	38816.69	0.2190	P	2.4
7	☐	20000.000	19528.676	80275.71	0.3901	P	3.7
8	☐			372.24	0.0018	P	13.4

$$y = 1.9865E-005 * x + 0.0021$$

$$R = 0.9984$$

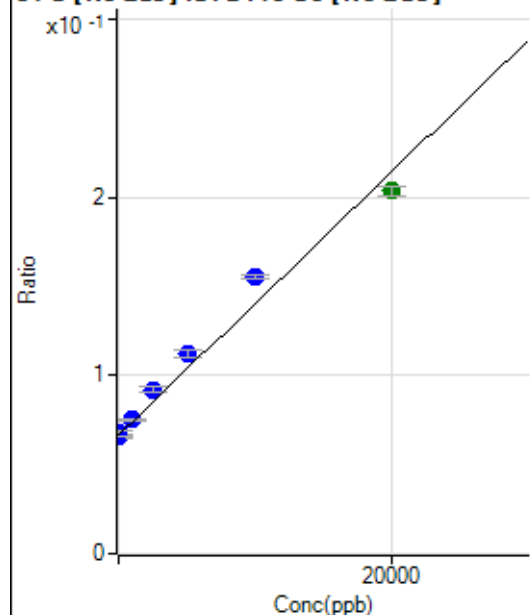
$$DL = 49.06$$

$$BEC = 107.7$$

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	-133.985	383914.52	0.0656	P	4.1
2	☐	0.000	133.985	389135.30	0.0676	P	3.5
3	☐	1000.000	1156.327	436022.65	0.0751	P	1.7
4	☐	2500.000	3477.066	511053.11	0.0923	P	4.5
5	☐	5000.000	6189.309	624141.31	0.1124	P	3.7
6	☐	10000.000	12067.938	856456.83	0.1559	P	1.3
7	☐	20000.000	18538.754	1150173.74	0.2038	A	2.8
8	☐			312515.43	0.0589	P	12.2

$$y = 7.3995E-006 * x + 0.0666$$

R = 0.9884

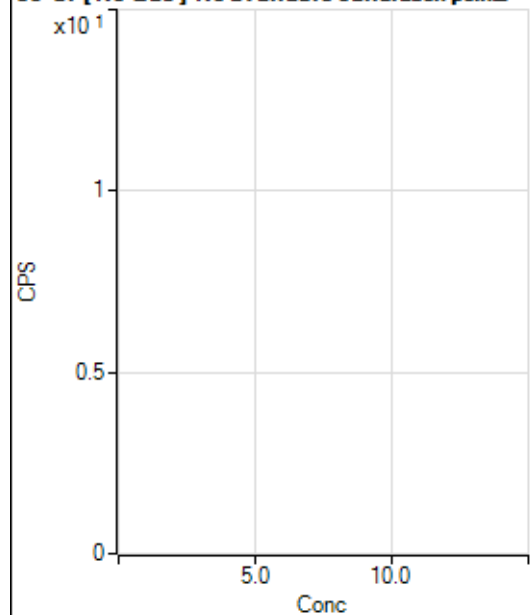
DL = 1013

BEC = 8999

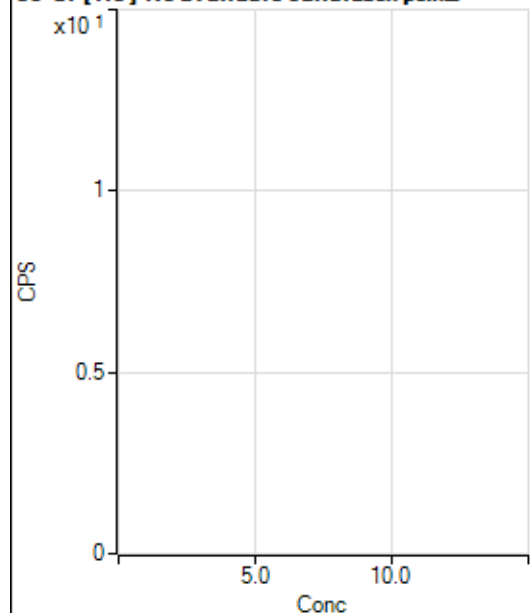
Weight: <None>

Min Conc: 0

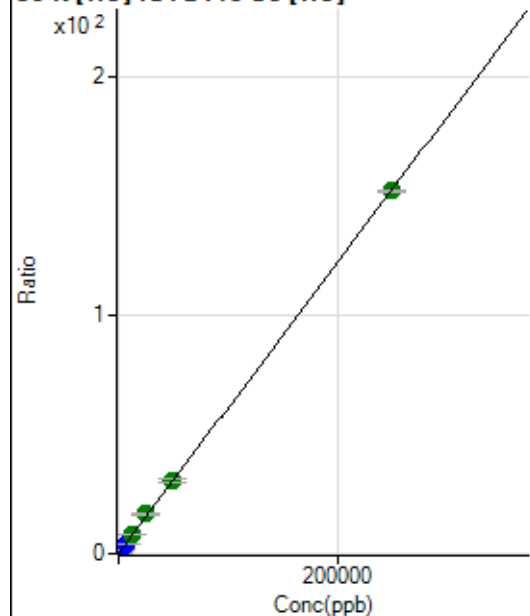
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			273424.62		P	0.6
2	☐			284519.42		P	1.0
3	☐			293249.22		P	0.4
4	☐			286046.70		P	0.1
5	☐			278323.84		P	1.4
6	☐			257864.69		P	0.6
7	☐			267462.71		P	1.2
8	☐			256038.91		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2216.89		P	3.4
2	☐			2114.10		P	7.7
3	☐			2414.16		P	10.0
4	☐			2414.16		P	7.0
5	☐			2255.79		P	10.1
6	☐			1986.31		P	11.0
7	☐			2097.43		P	3.6
8	☐			2183.55		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20979.91	0.0957	P	7.6
2	☐	500.000	535.576	86018.48	0.4223	P	8.8
3	☐	2500.000	2487.906	337771.65	1.6131	P	2.4
4	☐	6250.000	6334.241	814905.04	3.9589	P	1.8
5	☐	12500.000	13099.564	1614035.99	8.0851	A	1.9
6	☐	25000.000	27232.131	2959826.28	16.7045	A	3.0
7	☐	50000.000	50404.856	6344257.30	30.8374	A	3.6
8	☐	250000.00	249663.78	30901720.83	152.3646	A	0.5

$$y = 6.0990E-004 * x + 0.0957$$

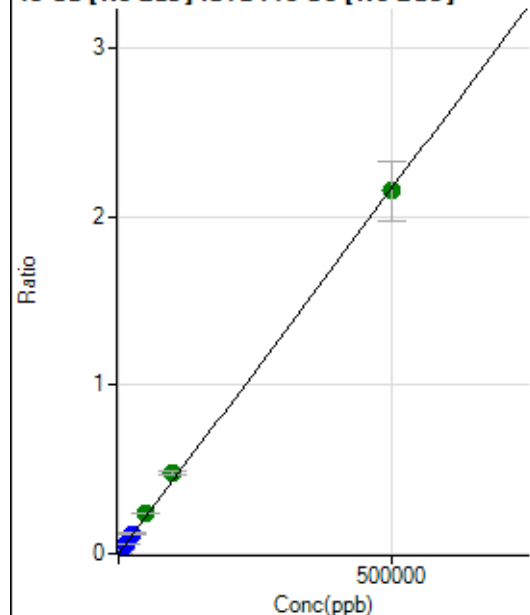
$$R = 1.0000$$

$$DL = 35.76$$

$$BEC = 156.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.54	0.0001	P	4.8
2	☐	500.000	485.889	12499.71	0.0022	P	1.7
3	☐	5000.000	5405.398	136425.37	0.0235	P	1.7
4	☐	12500.000	14069.217	338192.09	0.0611	P	4.9
5	☐	25000.000	27305.615	658259.96	0.1185	P	3.0
6	☐	50000.000	55645.971	1326620.80	0.2415	A	1.6
7	☐	100000.00	111372.48	2726540.41	0.4832	A	4.6
8	☐	500000.00	497002.35	11410272.07	2.1561	A	16.1

$$y = 4.3380\text{E-}006 * x + 6.2193\text{E-}005$$

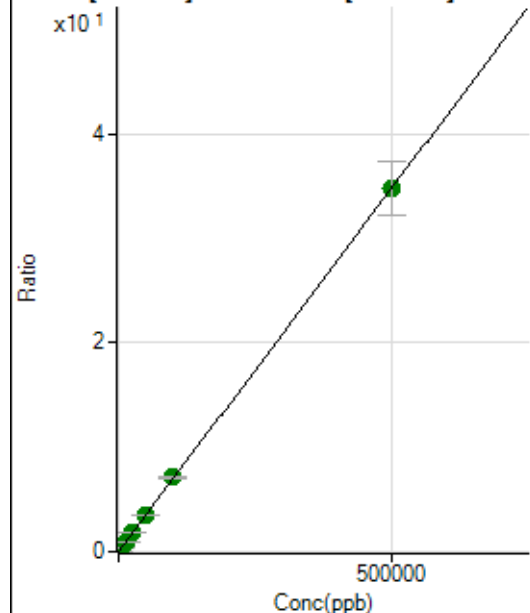
$$R = 0.9997$$

$$DL = 2.074$$

$$BEC = 14.34$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9931.79	0.0017	P	4.1
2	☐	500.000	480.442	202420.32	0.0351	P	2.2
3	☐	5000.000	5121.622	2077437.04	0.3582	A	5.1
4	☐	12500.000	13419.109	5180782.98	0.9359	A	4.7
5	☐	25000.000	26050.258	10082787.17	1.8152	A	2.9
6	☐	50000.000	50325.725	19250307.49	3.5052	A	3.3
7	☐	100000.00	102148.68	40137956.15	7.1129	A	4.4
8	☐	500000.00	499461.00	184243934.8	34.7724	A	14.7

$$y = 6.9616\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

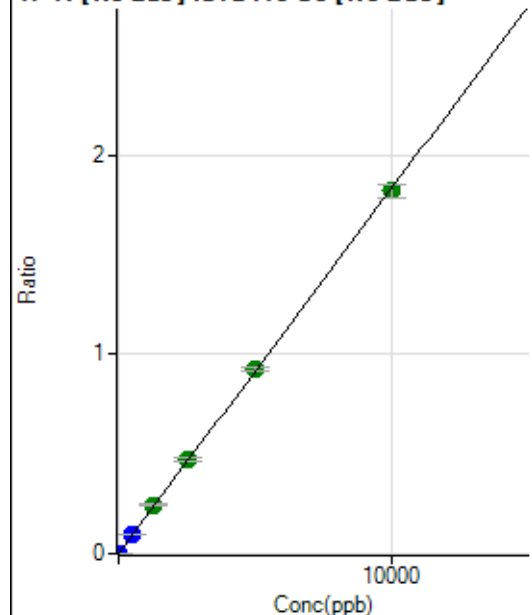
$$DL = 3.014$$

$$BEC = 24.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	6.9
2	☐	5.000	5.327	5854.12	0.0010	P	1.8
3	☐	500.000	509.511	542584.17	0.0935	P	0.7
4	☐	1250.000	1329.327	1349829.81	0.2439	A	4.9
5	☐	2500.000	2591.457	2639484.35	0.4753	A	4.6
6	☐	5000.000	5062.540	5100367.09	0.9286	A	2.5
7	☐	10000.000	9935.474	10285241.38	1.8223	A	3.6
8	☐			1550.13	0.0003	P	22.6

$$y = 1.8341\text{E-}004 * x + 3.8937\text{E-}005$$

$$R = 0.9999$$

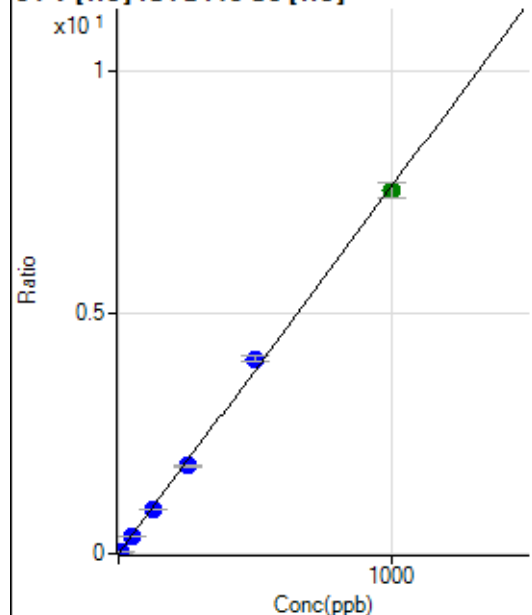
$$DL = 0.04392$$

$$BEC = 0.2123$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	129.
2	☐	5.000	4.984	7733.28	0.0380	P	9.7
3	☐	50.000	46.879	74784.71	0.3571	P	0.9
4	☐	125.000	120.128	188369.94	0.9151	P	0.3
5	☐	250.000	239.115	363620.12	1.8215	P	1.8
6	☐	500.000	530.560	716180.12	4.0417	P	3.3
7	☐	1000.000	988.206	1548446.33	7.5279	A	4.2
8	☐			598.91	0.0030	P	6.5

$$y = 0.0076 * x + 2.6146\text{E-}005$$

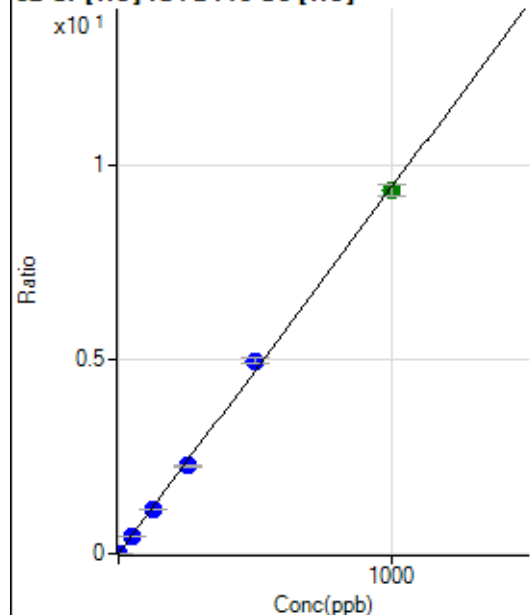
$$R = 0.9992$$

$$DL = 0.01335$$

$$BEC = 0.003432$$

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	662.24	0.0030	P	7.1
2	☐	2.000	2.106	4659.70	0.0229	P	8.0
3	☐	50.000	47.191	93767.80	0.4478	P	1.0
4	☐	125.000	120.454	234291.02	1.1382	P	1.1
5	☐	250.000	239.376	450930.99	2.2590	P	2.6
6	☐	500.000	525.865	878777.32	4.9589	P	3.2
7	☐	1000.000	990.432	1921014.61	9.3371	A	3.1
8	☐			5540.03	0.0273	P	2.3

$$y = 0.0094 * x + 0.0030$$

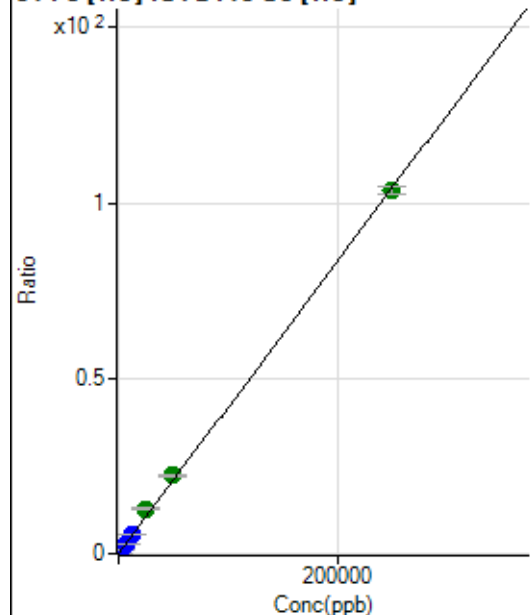
$$R = 0.9994$$

$$DL = 0.0686$$

$$BEC = 0.3204$$

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	957.46	0.0044	P	2.5
2	☐	50.000	58.039	5780.90	0.0285	P	15.7
3	☐	2500.000	2649.964	231759.90	1.1068	P	2.3
4	☐	6250.000	6813.871	584396.05	2.8390	P	1.6
5	☐	12500.000	13427.140	1115898.88	5.5902	P	3.1
6	☐	25000.000	30787.527	2269303.91	12.8124	A	6.6
7	☐	50000.000	53944.183	4618752.59	22.4458	A	2.6
8	☐	250000.00	248570.45	20968404.87	103.4129	A	2.3

$$y = 4.1601E-004 * x + 0.0044$$

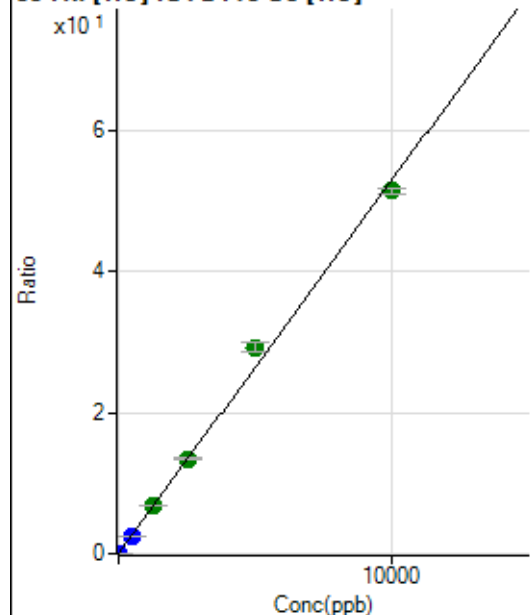
$$R = 0.9996$$

$$DL = 0.7986$$

$$BEC = 10.47$$

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	170.00	0.0008	P	23.4
2	☐	1.000	1.087	1322.30	0.0065	P	16.1
3	☐	500.000	483.961	535345.98	2.5567	P	2.2
4	☐	1250.000	1275.845	1387130.90	6.7388	A	1.1
5	☐	2500.000	2530.661	2668052.29	13.3658	A	2.1
6	☐	5000.000	5527.702	5171897.49	29.1939	A	4.3
7	☐	10000.000	9726.055	10571697.41	51.3664	A	1.4
8	☐			5954.63	0.0294	P	1.4

$$y = 0.0053 * x + 7.8138E-004$$

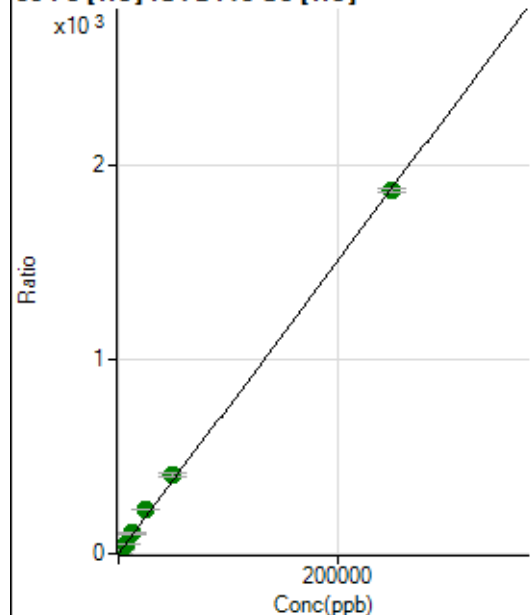
$$R = 0.9979$$

$$DL = 0.1039$$

$$BEC = 0.148$$

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	4880.54	0.0223	P	10.1
2	☐	50.000	56.094	90211.03	0.4436	P	11.9
3	☐	2500.000	2785.747	4386342.23	20.9475	A	0.7
4	☐	6250.000	6989.971	10812096.07	52.5277	A	1.5
5	☐	12500.000	13836.552	20750639.35	103.9560	A	1.1
6	☐	25000.000	30136.068	40119267.10	226.3903	A	2.7
7	☐	50000.000	53975.532	83439963.90	405.4612	A	3.1
8	☐	250000.00	248603.10	378694241.8	1867.412	A	1.2

$$y = 0.0075 * x + 0.0223$$

$$R = 0.9997$$

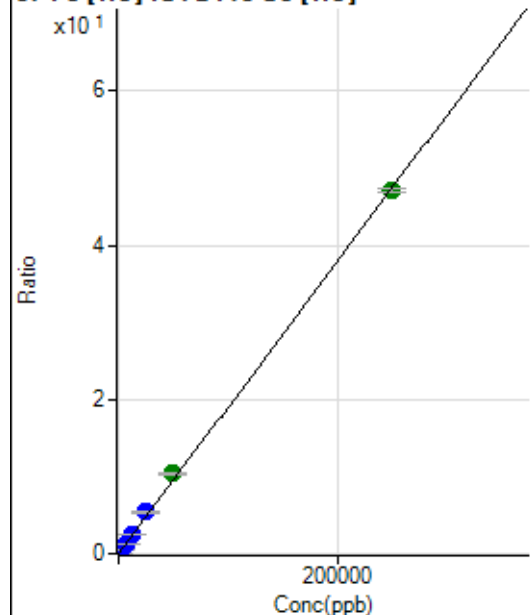
$$DL = 0.9025$$

$$BEC = 2.967$$

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	192.60	0.0009	P	10.1
2	☐	50.000	57.997	2405.80	0.0119	P	16.9
3	☐	2500.000	2623.363	104166.44	0.4975	P	3.0
4	☐	6250.000	6634.331	258710.07	1.2568	P	2.4
5	☐	12500.000	13283.569	502157.36	2.5156	P	1.3
6	☐	25000.000	28901.723	969403.10	5.4723	P	4.4
7	☐	50000.000	54980.832	2141892.10	10.4094	A	3.2
8	☐	250000.00	248563.63	9544121.51	47.0571	A	1.0

$$y = 1.8931\text{E-}004 * x + 8.7476\text{E-}004$$

$$R = 0.9997$$

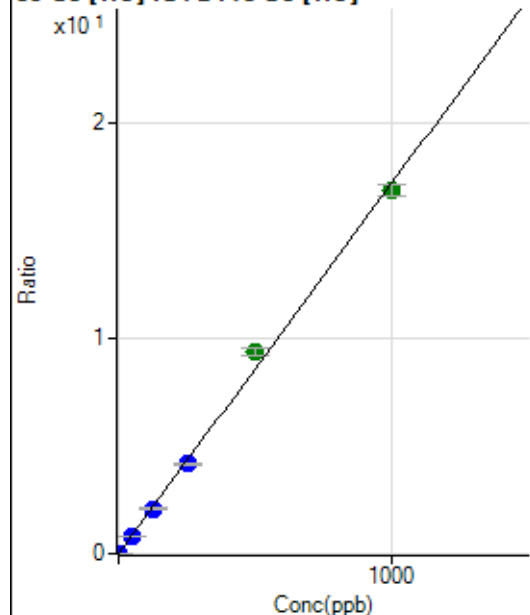
$$DL = 1.398$$

$$BEC = 4.621$$

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	123.33	0.0006	P	11.7
2	☐	1.000	1.044	3748.31	0.0185	P	14.5
3	☐	50.000	48.002	172645.47	0.8245	P	1.8
4	☐	125.000	121.878	430716.08	2.0925	P	1.5
5	☐	250.000	242.073	829492.92	4.1555	P	1.2
6	☐	500.000	544.719	1656574.13	9.3502	A	3.6
7	☐	1000.000	980.112	3461538.77	16.8233	A	3.3
8	☐			12493.36	0.0616	P	3.5

$$y = 0.0172 * x + 5.5843\text{E-}004$$

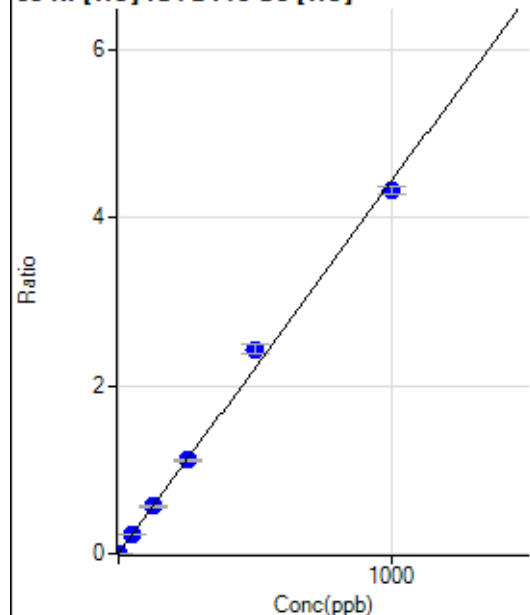
$$R = 0.9985$$

$$DL = 0.01142$$

$$BEC = 0.03254$$

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	78.89	0.0004	P	40.6
2	☐	1.000	1.058	1027.83	0.0051	P	13.1
3	☐	50.000	50.136	46635.26	0.2227	P	2.3
4	☐	125.000	127.340	116326.86	0.5651	P	3.1
5	☐	250.000	252.342	223471.15	1.1195	P	2.5
6	☐	500.000	549.846	432050.35	2.4390	P	4.5
7	☐	1000.000	974.192	889282.17	4.3211	P	2.1
8	☐			3342.65	0.0165	P	4.0

$$y = 0.0044 * x + 3.5946E-004$$

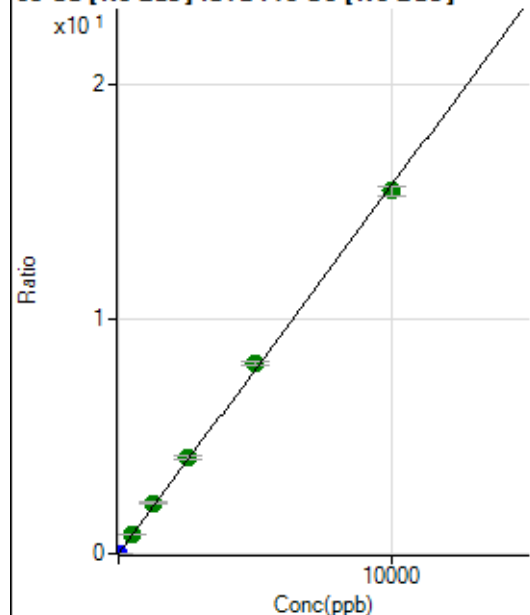
$$R = 0.9981$$

$$DL = 0.09868$$

$$BEC = 0.08105$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3022.96	0.0005	P	6.6
2	☐	2.000	2.030	21311.90	0.0037	P	1.7
3	☐	500.000	530.272	4826178.42	0.8316	A	1.2
4	☐	1250.000	1375.167	11930387.75	2.1559	A	6.1
5	☐	2500.000	2622.909	22832448.08	4.1115	A	4.0
6	☐	5000.000	5195.148	44731951.74	8.1431	A	2.0
7	☐	10000.000	9854.539	87182288.40	15.4460	A	3.0
8	☐			145810.50	0.0275	P	15.5

$$y = 0.0016 * x + 5.1683E-004$$

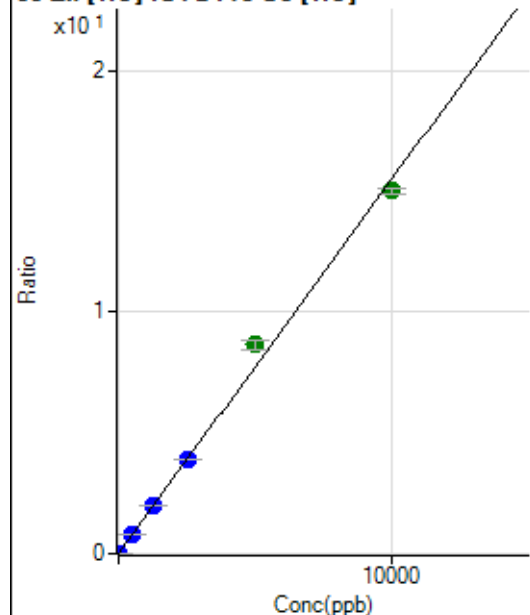
$$R = 0.9996$$

$$DL = 0.06481$$

$$BEC = 0.3297$$

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	514.46	0.0023	P	12.3
2	☐	2.000	2.341	1217.84	0.0060	P	6.9
3	☐	500.000	499.420	162365.21	0.7753	P	1.9
4	☐	1250.000	1266.752	404061.67	1.9630	P	0.8
5	☐	2500.000	2517.216	778202.63	3.8985	P	1.7
6	☐	5000.000	5588.466	1532719.77	8.6521	A	4.2
7	☐	10000.000	9699.398	3090214.33	15.0150	A	1.9
8	☐			2426.90	0.0120	P	4.1

$$y = 0.0015 * x + 0.0023$$

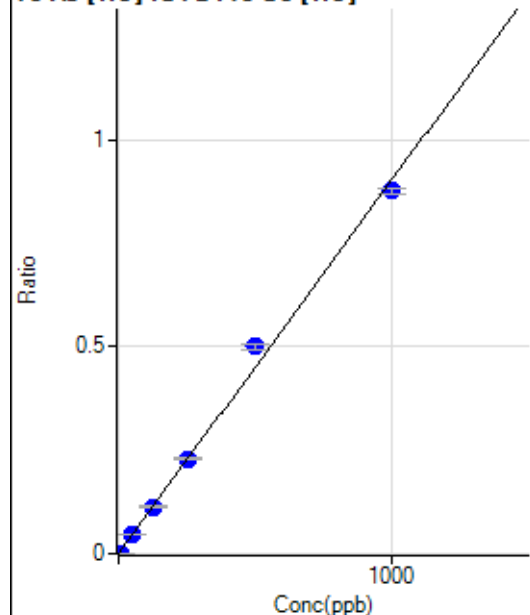
$$R = 0.9974$$

$$DL = 0.5611$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.67	0.0000	P	96.6
2	☐	5.000	1.148	219.02	0.0011	P	3.9
3	☐	50.000	49.749	9406.42	0.0449	P	1.8
4	☐	125.000	126.035	23415.38	0.1138	P	2.4
5	☐	250.000	252.774	45532.17	0.2281	P	1.8
6	☐	500.000	554.403	88638.20	0.5003	P	3.2
7	☐	1000.000	972.007	180510.65	0.8771	P	1.8
8	☐			131.01	0.0006	P	7.1

$$y = 9.0228E-004 * x + 3.5639E-005$$

$$R = 0.9977$$

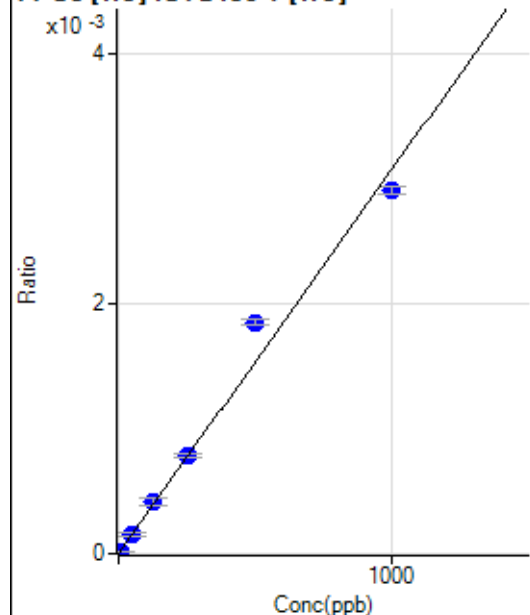
$$DL = 0.1145$$

$$BEC = 0.0395$$

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	5.290	25.55	0.0000	P	45.2
3	☐	50.000	47.830	245.56	0.0001	P	20.1
4	☐	125.000	136.966	685.58	0.0004	P	13.7
5	☐	250.000	254.745	1237.84	0.0008	P	4.5
6	☐	500.000	603.569	2606.93	0.0019	P	2.1
7	☐	1000.000	945.640	4773.09	0.0029	P	2.2
8	☐			4.44	0.0000	P	115.

$$y = 3.0734\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9917$$

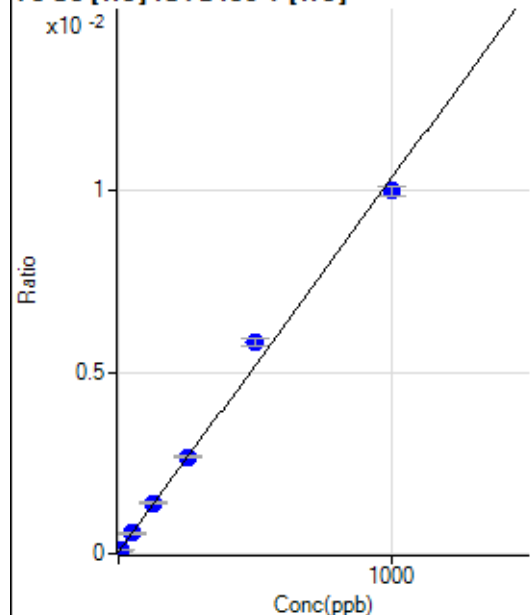
$$DL = 0$$

$$BEC = 0$$

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	76.01	0.0000	P	20.8
2	☐	5.000	5.797	164.69	0.0001	P	14.3
3	☐	50.000	50.580	944.46	0.0006	P	7.3
4	☐	125.000	131.478	2272.08	0.0014	P	1.2
5	☐	250.000	253.243	4186.72	0.0026	P	2.1
6	☐	500.000	563.443	8204.23	0.0058	P	3.9
7	☐	1000.000	966.625	16390.82	0.0100	P	2.3
8	☐			79.68	0.0000	P	14.4

$$y = 1.0285\text{E-}005 * x + 4.4000\text{E-}005$$

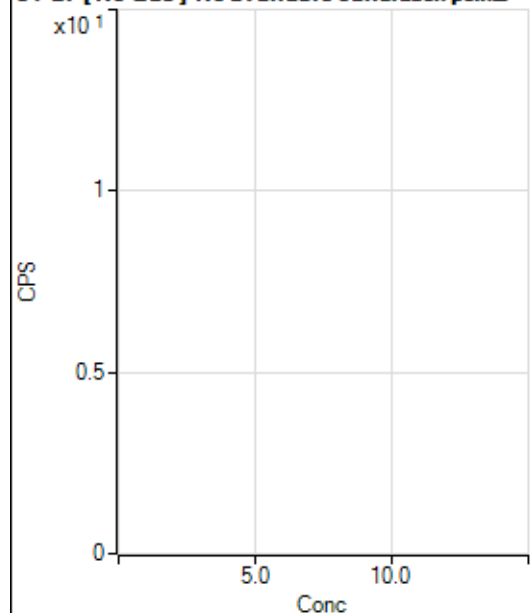
$$R = 0.9969$$

$$DL = 2.673$$

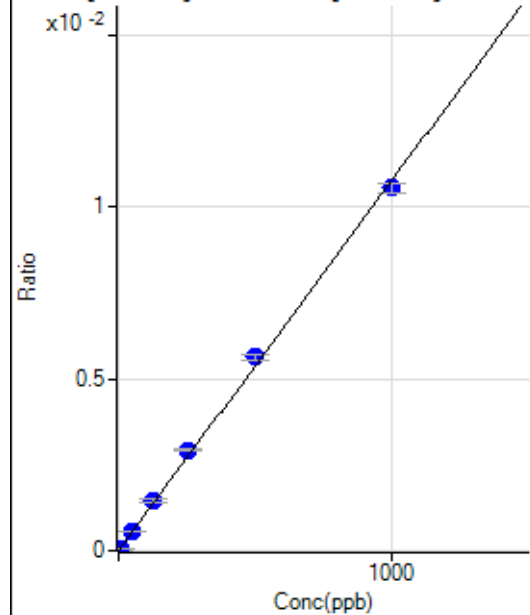
$$BEC = 4.278$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72554.36		P	3.7
2	☐			75011.96		P	1.7
3	☐			74229.79		P	2.5
4	☐			71477.10		P	4.7
5	☐			69688.59		P	4.7
6	☐			69239.29		P	2.6
7	☐			68836.90		P	0.8
8	☐			68073.17		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.08	0.0000	P	387.
2	☐	5.000	5.467	834.53	0.0001	P	6.0
3	☐	50.000	52.449	7989.41	0.0006	P	2.9
4	☐	125.000	135.606	19632.94	0.0015	P	4.8
5	☐	250.000	272.306	38836.04	0.0029	P	3.2
6	☐	500.000	523.237	74858.94	0.0056	P	3.3
7	☐	1000.000	981.354	149474.43	0.0105	P	2.3
8	☐			212.48	0.0000	P	25.2

$$y = 1.0749E-005 * x + 5.4100E-007$$

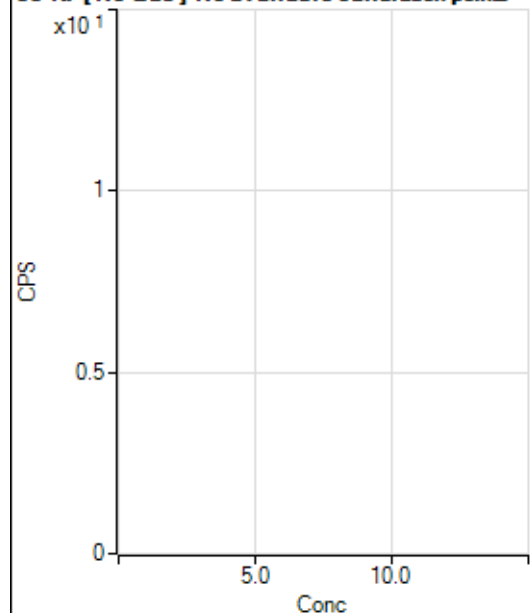
$$R = 0.9993$$

$$DL = 0.5846$$

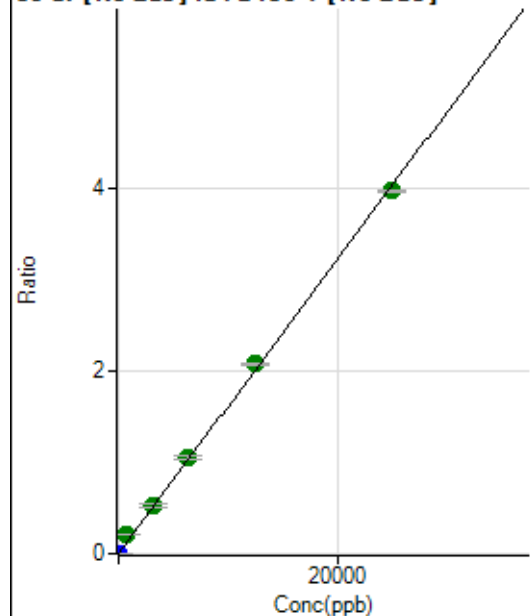
$$BEC = 0.05033$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			342.88		P	3.9
2	☐			341.63		P	8.4
3	☐			341.63		P	3.9
4	☐			335.38		P	1.1
5	☐			315.38		P	6.4
6	☐			332.88		P	6.1
7	☐			339.13		P	3.7
8	☐			369.13		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	583.36	0.0000	P	22.5
2	☐	1.000	0.898	2636.43	0.0002	P	3.6
3	☐	625.000	1268.490	2883516.38	0.2038	A	3.8
4	☐	3125.000	3277.558	7088124.12	0.5265	A	5.0
5	☐	6250.000	6551.685	13962855.69	1.0524	A	2.4
6	☐	12500.000	12898.772	27583699.92	2.0718	A	1.9
7	☐	25000.000	24690.036	56207898.48	3.9657	A	0.9
8	☐			15464.55	0.0012	P	20.2

$$y = 1.6062E-004 * x + 4.2958E-005$$

$$R = 0.9995$$

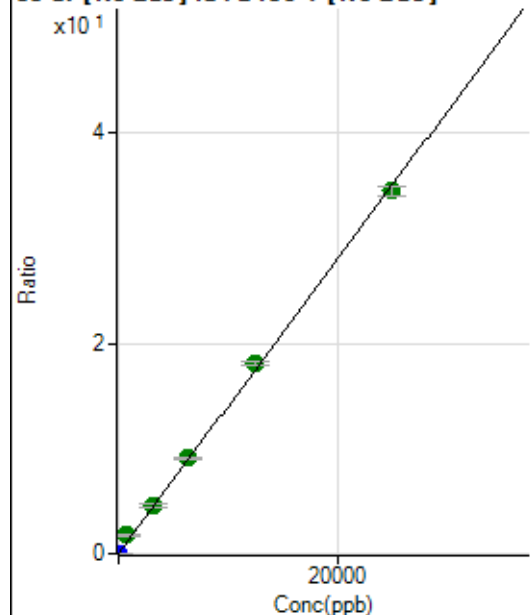
$$DL = 0.1804$$

$$BEC = 0.2675$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.03	0.0000	P	21.2
2	☐	1.000	1.036	20985.75	0.0015	P	1.0
3	☐	625.000	1245.485	24638606.63	1.7413	A	4.1
4	☐	3125.000	3259.020	61323495.81	4.5564	A	6.2
5	☐	6250.000	6520.928	120970127.7	9.1167	A	2.0
6	☐	12500.000	12947.834	241072894.2	18.1020	A	1.3
7	☐	25000.000	24676.086	488828283.1	34.4989	A	2.4
8	☐			128805.40	0.0102	P	19.7

$$y = 0.0014 * x + 4.2181E-005$$

$$R = 0.9995$$

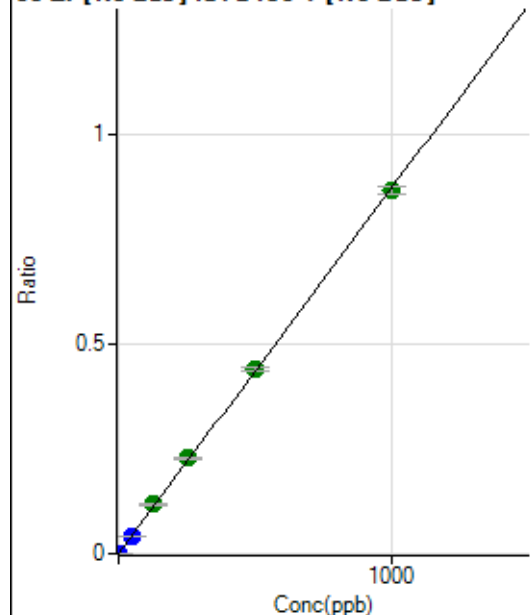
$$DL = 0.01922$$

$$BEC = 0.03017$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	561.14	0.0000	P	5.3
2	☐	1.000	1.004	12900.80	0.0009	P	4.5
3	☐	50.000	48.706	601423.37	0.0425	P	3.7
4	☐	125.000	135.148	1586477.16	0.1179	A	5.7
5	☐	250.000	262.445	3036427.04	0.2288	A	1.8
6	☐	500.000	505.744	5869627.34	0.4409	A	2.5
7	☐	1000.000	992.813	12265154.44	0.8656	A	2.2
8	☐			6023.71	0.0005	P	22.8

$$y = 8.7179E-004 * x + 4.1010E-005$$

$$R = 0.9998$$

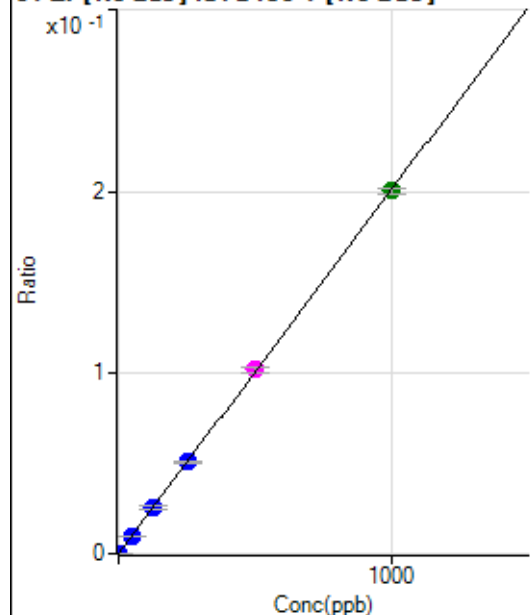
$$DL = 0.007532$$

$$BEC = 0.04704$$

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	102.78	0.0000	P	25.0
2	☐	1.000	0.904	2664.21	0.0002	P	2.1
3	☐	50.000	47.712	135800.55	0.0096	P	3.7
4	☐	125.000	127.620	345117.94	0.0257	P	7.8
5	☐	250.000	252.822	674247.51	0.0508	P	2.5
6	☐	500.000	504.870	1350669.00	0.1015	M	3.2
7	☐	1000.000	996.646	2838412.54	0.2003	A	1.8
8	☐			1177.86	0.0001	P	16.4

$$y = 2.0098\text{E-}004 * x + 7.5244\text{E-}006$$

$$R = 1.0000$$

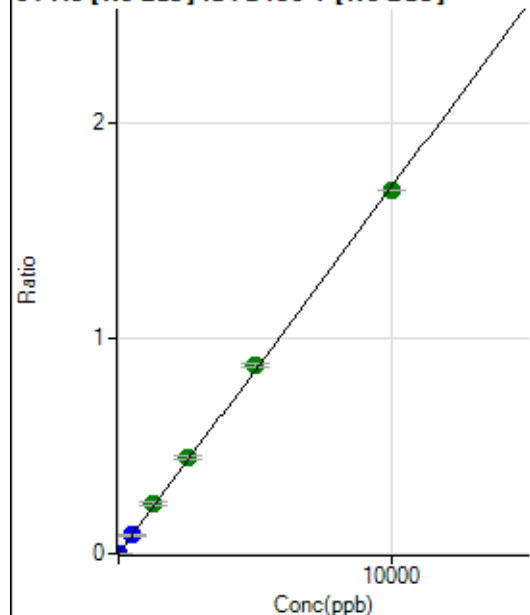
$$DL = 0.02811$$

$$BEC = 0.03744$$

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	130.56	0.0000	P	17.8
2	☐	5.000	6.155	14888.87	0.0011	P	3.6
3	☐	500.000	502.369	1211140.99	0.0856	P	3.5
4	☐	1250.000	1340.105	3070515.33	0.2283	A	8.1
5	☐	2500.000	2615.510	5909902.61	0.4455	A	3.9
6	☐	5000.000	5134.253	11642765.97	0.8745	A	2.0
7	☐	10000.000	9892.614	23881156.78	1.6851	A	0.0
8	☐			8947.61	0.0007	P	21.2

$$y = 1.7033\text{E-}004 * x + 9.5309\text{E-}006$$

$$R = 0.9998$$

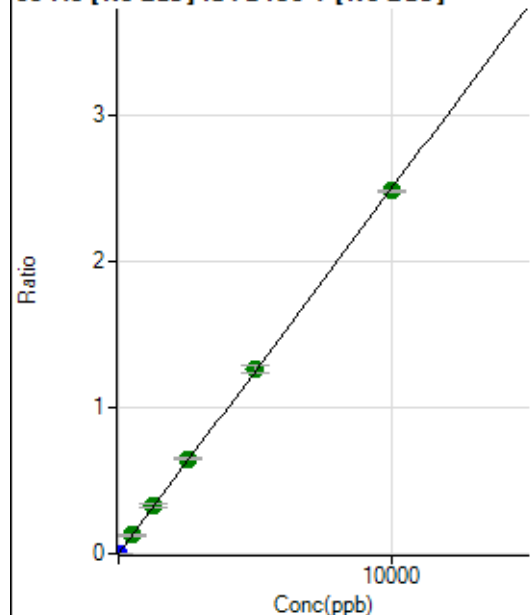
$$DL = 0.02986$$

$$BEC = 0.05595$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	7.2
2	☐	5.000	5.172	18259.73	0.0013	P	4.0
3	☐	500.000	504.868	1788629.03	0.1264	A	3.2
4	☐	1250.000	1313.857	4424073.92	0.3289	A	7.9
5	☐	2500.000	2597.807	8626815.12	0.6502	A	3.1
6	☐	5000.000	5058.880	16851627.63	1.2662	A	3.3
7	☐	10000.000	9937.883	35251795.23	2.4875	A	0.6
8	☐			10009.47	0.0008	P	25.3

$$y = 2.5030E-004 * x + 2.8328E-006$$

$$R = 0.9999$$

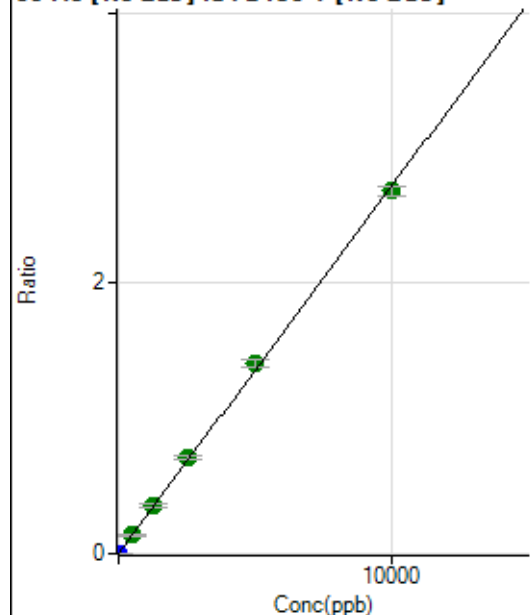
$$DL = 0.00246$$

$$BEC = 0.01132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	13.5
2	☐	5.000	5.193	20117.86	0.0014	P	4.1
3	☐	500.000	500.593	1924946.81	0.1360	A	3.6
4	☐	1250.000	1317.020	4815199.93	0.3579	A	6.8
5	☐	2500.000	2615.341	9426163.49	0.7106	A	3.5
6	☐	5000.000	5173.470	18703187.75	1.4057	A	3.9
7	☐	10000.000	9876.023	38021492.17	2.6833	A	2.6
8	☐			28688.90	0.0023	P	17.9

$$y = 2.7170E-004 * x + 1.7499E-005$$

$$R = 0.9997$$

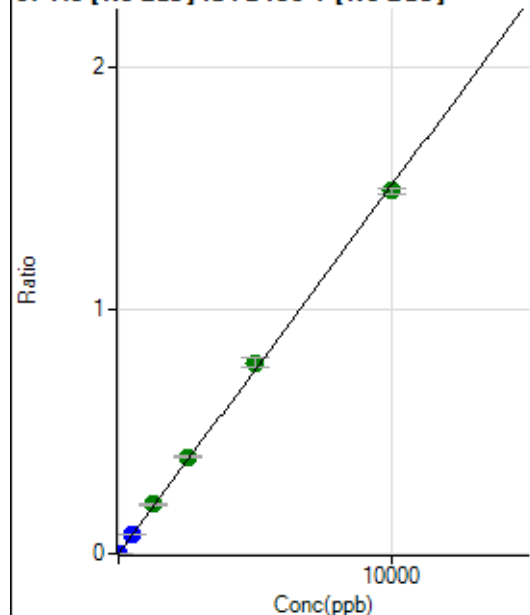
$$DL = 0.02611$$

$$BEC = 0.06441$$

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	33.33	0.0000	P	24.1
2	☐	5.000	5.161	11015.79	0.0008	P	1.5
3	☐	500.000	506.375	1083148.86	0.0765	P	3.7
4	☐	1250.000	1334.056	2715134.65	0.2017	A	4.7
5	☐	2500.000	2635.803	5286174.94	0.3984	A	2.3
6	☐	5000.000	5197.223	10451351.62	0.7856	A	4.4
7	☐	10000.000	9856.612	21114384.67	1.4899	A	1.5
8	☐			6493.39	0.0005	P	26.5

$$y = 1.5116E-004 * x + 2.4359E-006$$

R = 0.9996

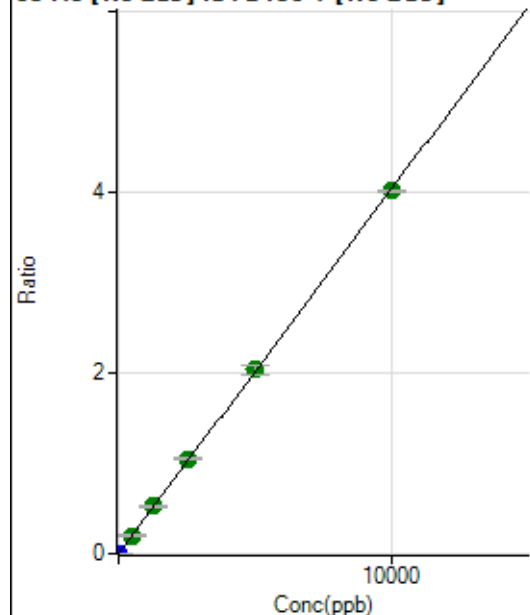
DL = 0.01163

BEC = 0.01612

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	100.00	0.0000	P	27.5
2	☐	5.000	5.066	28922.71	0.0021	P	2.4
3	☐	500.000	493.083	2819239.36	0.1993	A	4.3
4	☐	1250.000	1299.628	7067742.87	0.5252	A	6.4
5	☐	2500.000	2603.526	13959183.30	1.0521	A	2.1
6	☐	5000.000	5039.276	27092001.99	2.0364	A	4.6
7	☐	10000.000	9948.623	56973445.02	4.0202	A	0.6
8	☐			16132.14	0.0013	P	22.3

$$y = 4.0410E-004 * x + 7.2864E-006$$

R = 0.9999

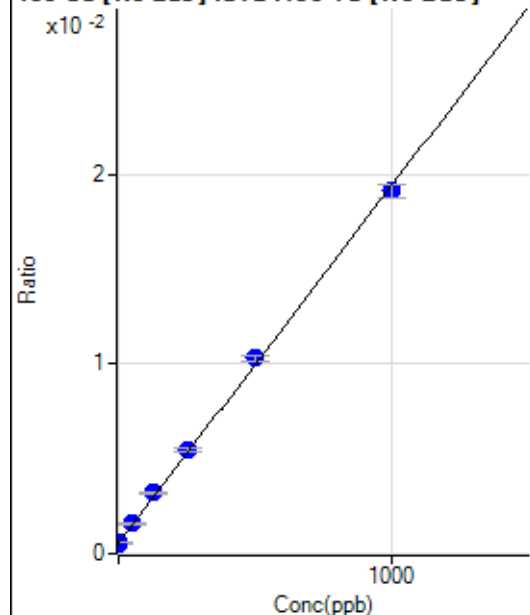
DL = 0.01487

BEC = 0.01803

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5631.86	0.0006	P	6.2
2	☐	1.000	1.166	6015.38	0.0006	P	1.2
3	☐	50.000	54.411	16877.45	0.0016	P	1.3
4	☐	125.000	140.495	32547.51	0.0032	P	2.9
5	☐	250.000	263.453	58218.67	0.0055	P	3.7
6	☐	500.000	517.562	107871.76	0.0103	P	3.3
7	☐	1000.000	985.698	211965.44	0.0191	P	3.7
8	☐			5806.96	0.0006	P	4.6

$$y = 1.8828\text{E-}005 * x + 5.5161\text{E-}004$$

$$R = 0.9996$$

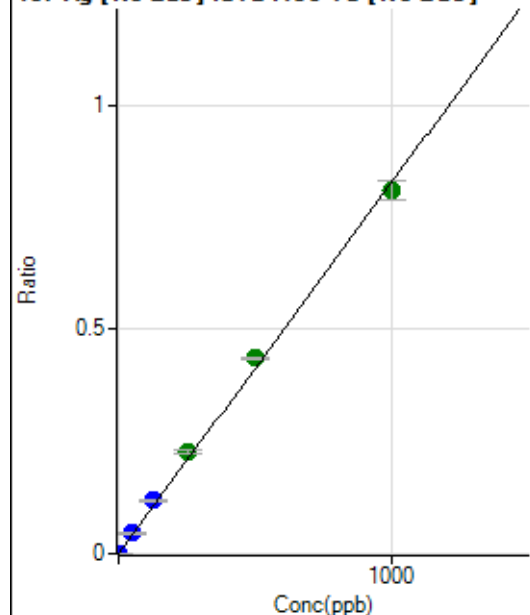
$$DL = 5.417$$

$$BEC = 29.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	53.7
2	☐	1.000	1.135	9939.98	0.0009	P	4.5
3	☐	50.000	54.822	485022.70	0.0453	P	1.6
4	☐	125.000	143.085	1203830.26	0.1182	P	3.3
5	☐	250.000	273.317	2384870.09	0.2259	A	4.3
6	☐	500.000	527.417	4568377.49	0.4358	A	1.0
7	☐	1000.000	977.960	8960225.11	0.8081	A	5.2
8	☐			2855.93	0.0003	P	16.5

$$y = 8.2632\text{E-}004 * x + 1.0229\text{E-}005$$

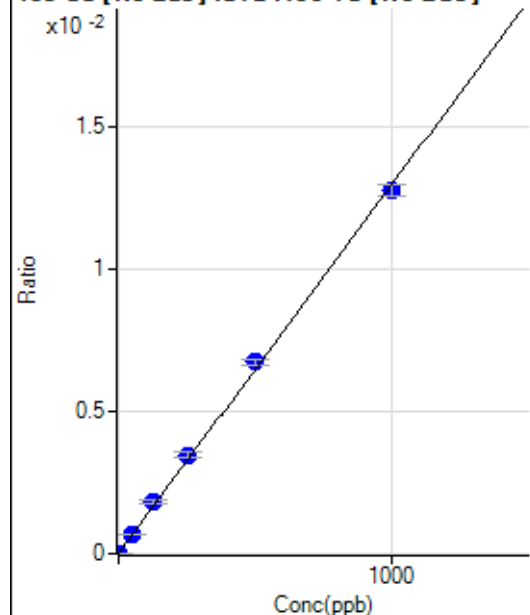
$$R = 0.9990$$

$$DL = 0.01993$$

$$BEC = 0.01238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	20.2
2	☐	1.000	0.829	175.00	0.0000	P	24.2
3	☐	50.000	52.505	7329.83	0.0007	P	1.8
4	☐	125.000	140.102	18493.13	0.0018	P	4.9
5	☐	250.000	267.724	36604.37	0.0035	P	4.6
6	☐	500.000	519.072	70358.17	0.0067	P	3.9
7	☐	1000.000	984.020	141167.24	0.0127	P	3.4
8	☐			154.17	0.0000	P	27.4

$$y = 1.2927\text{E-}005 * x + 6.0194\text{E-}006$$

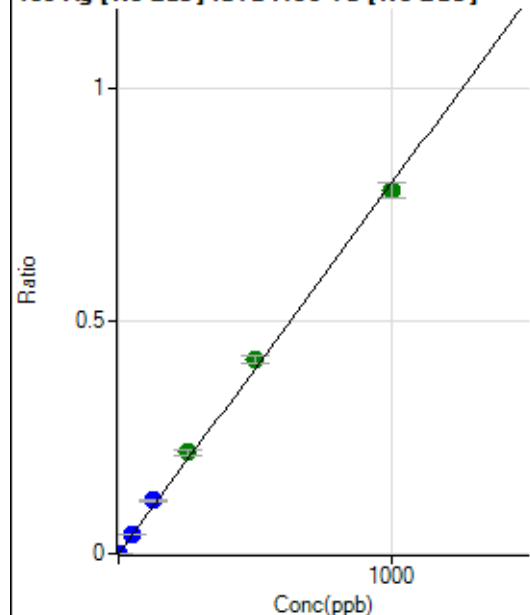
$$R = 0.9995$$

$$DL = 0.2817$$

$$BEC = 0.4656$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	26.9
2	☐	1.000	1.155	9689.81	0.0009	P	2.6
3	☐	50.000	53.939	459752.58	0.0429	P	1.2
4	☐	125.000	143.554	1163439.64	0.1143	P	3.8
5	☐	250.000	272.864	2293222.16	0.2172	A	5.7
6	☐	500.000	523.790	4368348.49	0.4170	A	4.0
7	☐	1000.000	979.873	8652519.64	0.7801	A	4.4
8	☐			2992.12	0.0003	P	15.5

$$y = 7.9616\text{E-}004 * x + 4.3424\text{E-}006$$

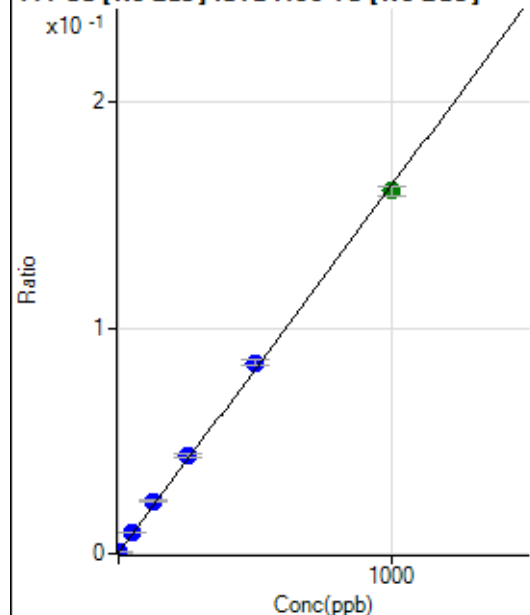
$$R = 0.9992$$

$$DL = 0.004394$$

$$BEC = 0.005454$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3916.19	0.0004	P	6.2
2	☐	1.000	1.189	6056.48	0.0006	P	1.1
3	☐	50.000	52.833	96244.11	0.0090	P	0.5
4	☐	125.000	140.576	236957.07	0.0233	P	4.9
5	☐	250.000	263.694	457725.75	0.0433	P	3.3
6	☐	500.000	518.200	888527.69	0.0848	P	2.4
7	☐	1000.000	985.388	1785096.54	0.1609	A	2.6
8	☐			4287.51	0.0004	P	5.5

$$y = 1.6290E-004 * x + 3.8354E-004$$

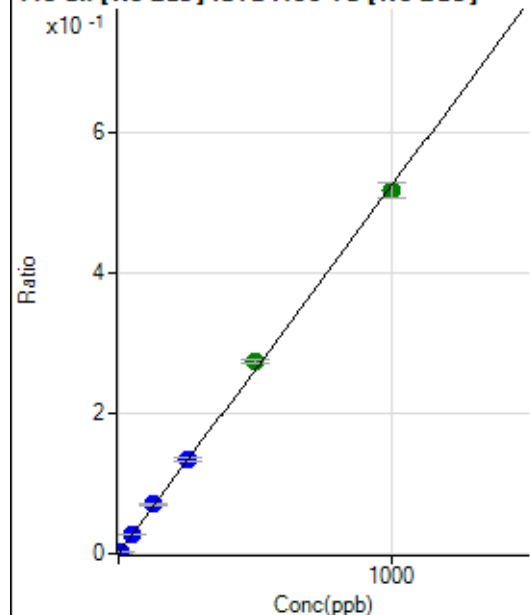
$$R = 0.9996$$

$$DL = 0.4372$$

$$BEC = 2.355$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3156.03	0.0003	P	9.5
2	☐	5.000	5.371	32667.33	0.0031	P	4.0
3	☐	50.000	51.139	289378.47	0.0270	P	1.7
4	☐	125.000	134.659	719544.42	0.0707	P	4.2
5	☐	250.000	255.134	1411416.91	0.1336	P	3.5
6	☐	500.000	522.402	2863824.61	0.2733	A	2.7
7	☐	1000.000	986.249	5719516.10	0.5157	A	4.2
8	☐			7035.31	0.0007	P	15.7

$$y = 5.2261E-004 * x + 3.0898E-004$$

$$R = 0.9996$$

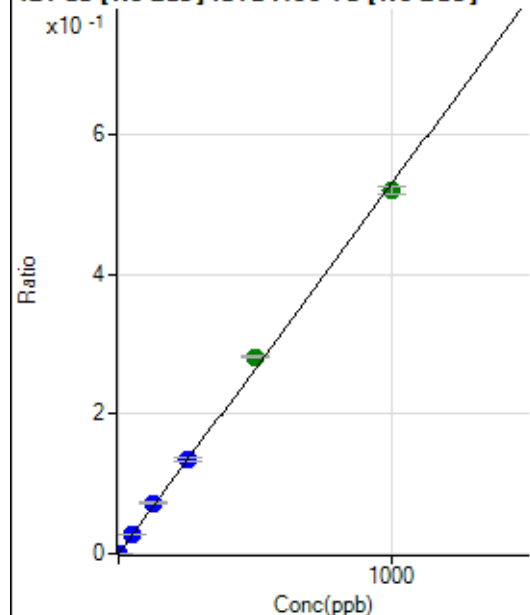
$$DL = 0.1678$$

$$BEC = 0.5912$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	35.5
2	☐	2.000	2.117	11794.25	0.0011	P	4.1
3	☐	50.000	50.993	288556.23	0.0270	P	3.0
4	☐	125.000	136.303	733652.03	0.0721	P	3.1
5	☐	250.000	255.985	1429434.35	0.1353	P	3.6
6	☐	500.000	531.410	2944666.06	0.2809	A	1.1
7	☐	1000.000	981.336	5756376.74	0.5188	A	2.1
8	☐			5006.63	0.0005	P	9.1

$$y = 5.2864\text{E-}004 * x + 5.8976\text{E-}006$$

$$R = 0.9992$$

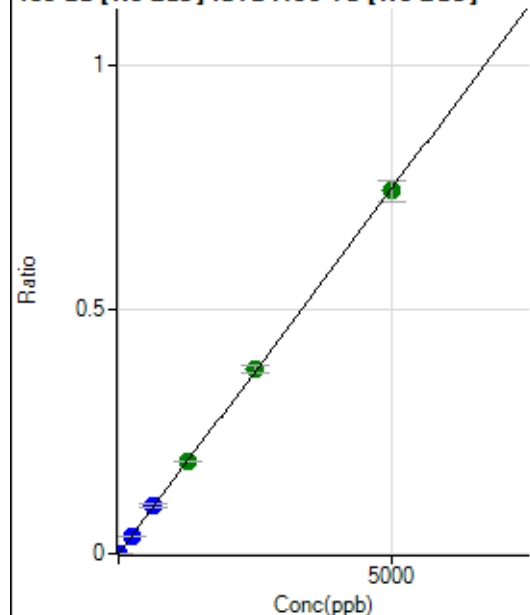
$$DL = 0.01188$$

$$BEC = 0.01116$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	91.3
2	☐	10.000	10.026	15731.77	0.0015	P	3.2
3	☐	250.000	239.528	383367.42	0.0358	P	0.4
4	☐	625.000	657.629	1000437.72	0.0983	P	4.6
5	☐	1250.000	1269.284	2004750.95	0.1897	A	1.3
6	☐	2500.000	2536.987	3971199.00	0.3792	A	4.6
7	☐	5000.000	4973.130	8240454.18	0.7433	A	5.7
8	☐			3642.28	0.0004	P	21.0

$$y = 1.4947\text{E-}004 * x + 1.9465\text{E-}006$$

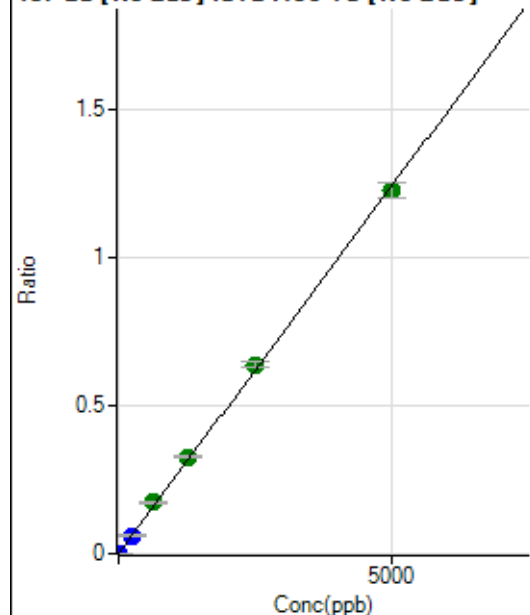
$$R = 0.9999$$

$$DL = 0.03566$$

$$BEC = 0.01302$$

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	88.89	0.0000	P	56.5
2	☐	10.000	10.310	26930.44	0.0026	P	4.6
3	☐	250.000	248.422	660535.57	0.0617	P	1.1
4	☐	625.000	696.549	1761829.19	0.1730	A	1.7
5	☐	1250.000	1310.968	3440102.99	0.3256	A	2.1
6	☐	2500.000	2574.449	6698879.75	0.6394	A	2.9
7	☐	5000.000	4938.668	13602427.91	1.2265	A	4.2
8	☐			6376.69	0.0006	P	19.1

$$y = 2.4835E-004 * x + 8.7315E-006$$

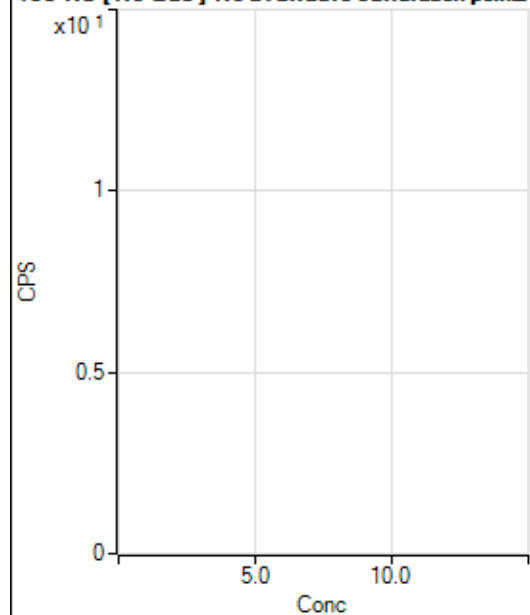
$$R = 0.9997$$

$$DL = 0.05958$$

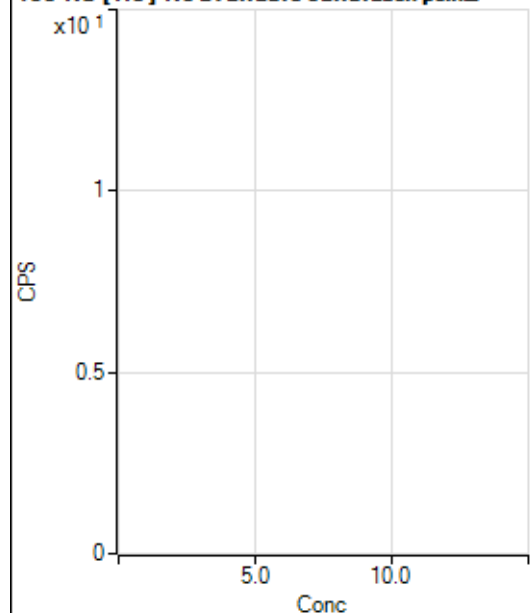
$$BEC = 0.03516$$

Weight: <None>

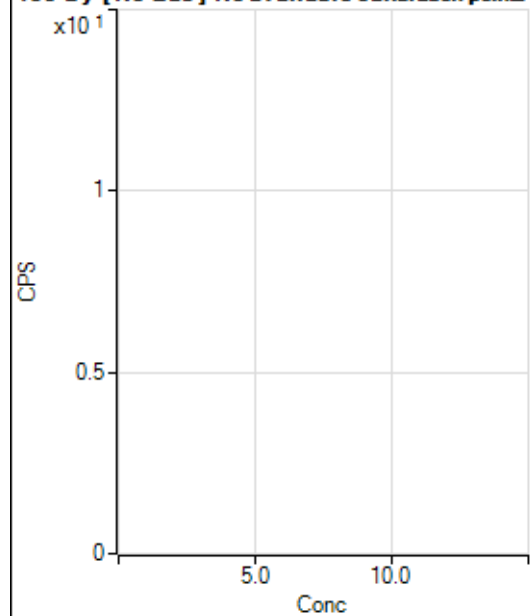
Min Conc: 0

150 Nd [No Gas] No available calibration points

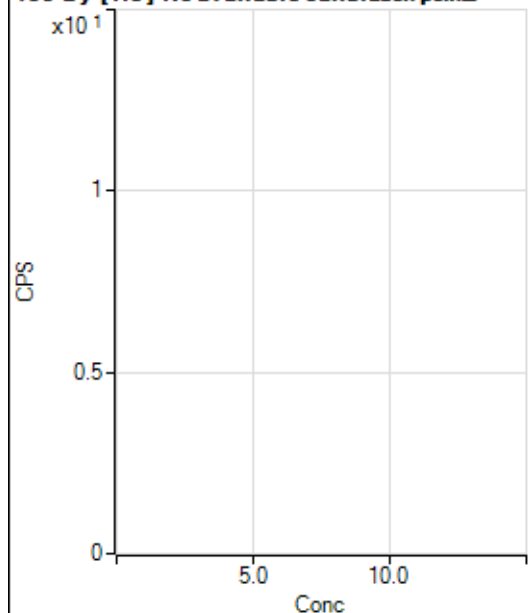
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			4.45		P	86.6
3	☐			71.11		P	30.1
4	☐			104.45		P	25.8
5	☐			240.01		P	15.5
6	☐			431.13		P	21.1
7	☐			1066.74		P	5.0
8	☐			77.78		P	17.8

150 Nd [He] No available calibration points

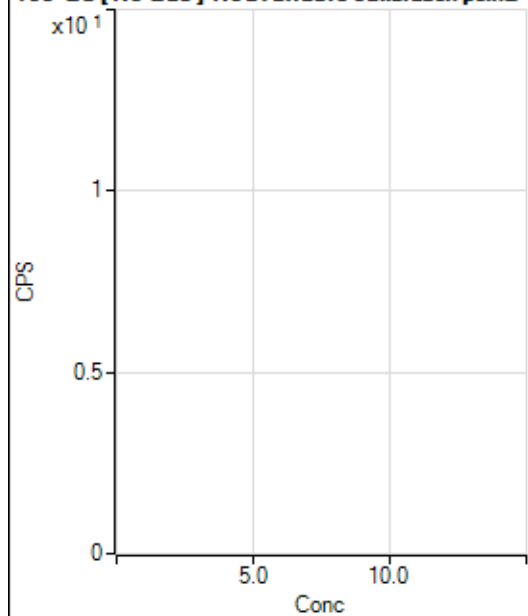
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			1.11		P	173.
4	☐			6.67		P	100.
5	☐			14.44		P	35.3
6	☐			41.11		P	37.5
7	☐			63.33		P	46.8
8	☐			17.78		P	43.3

156 Dy [No Gas] No available calibration points

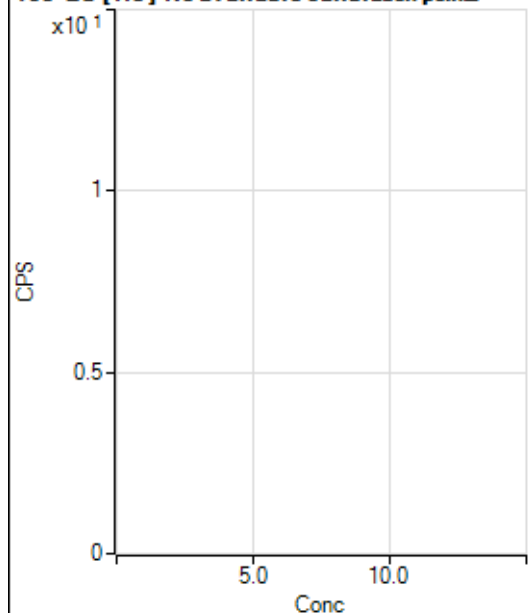
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			5.56		P	173.
3	☐			27.78		P	45.8
4	☐			63.89		P	41.9
5	☐			119.45		P	32.2
6	☐			194.45		P	6.5
7	☐			416.69		P	3.5
8	☐			972.28		P	5.8

156 Dy [He] No available calibration points

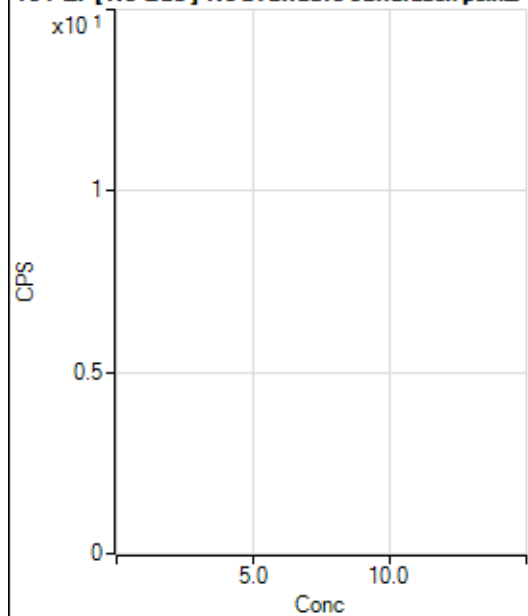
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			6.67		P	86.6
4	☐			26.67		P	25.0
5	☐			36.67		P	50.6
6	☐			56.67		P	20.4
7	☐			151.12		P	8.9
8	☐			306.67		P	1.9

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

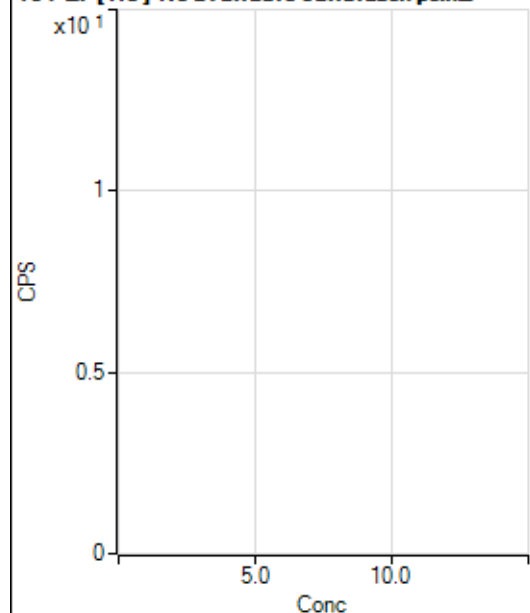
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.34		P	27.7
2	☐			133.34		P	53.4
3	☐			144.45		P	12.0
4	☐			172.23		P	22.3
5	☐			155.56		P	21.7
6	☐			250.01		P	17.6
7	☐			305.57		P	15.7
8	☐			608.36		P	12.6

160 Gd [He] No available calibration points

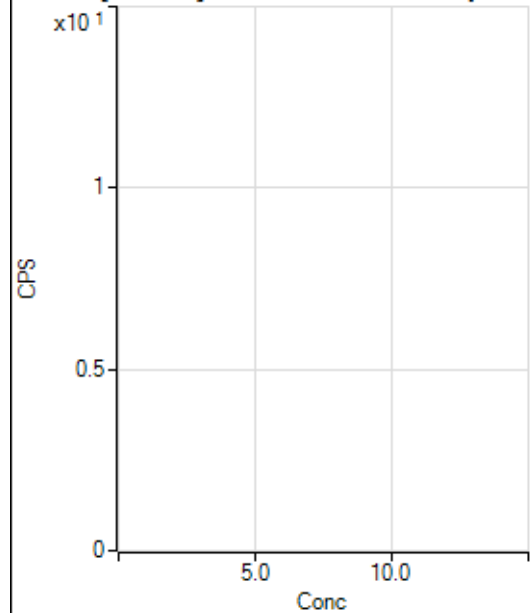
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			137.78		P	21.9
2	☐			138.89		P	34.0
3	☐			151.11		P	37.2
4	☐			174.45		P	16.5
5	☐			146.67		P	6.0
6	☐			172.23		P	5.9
7	☐			221.11		P	4.4
8	☐			387.79		P	1.3

164 Er [No Gas] No available calibration points

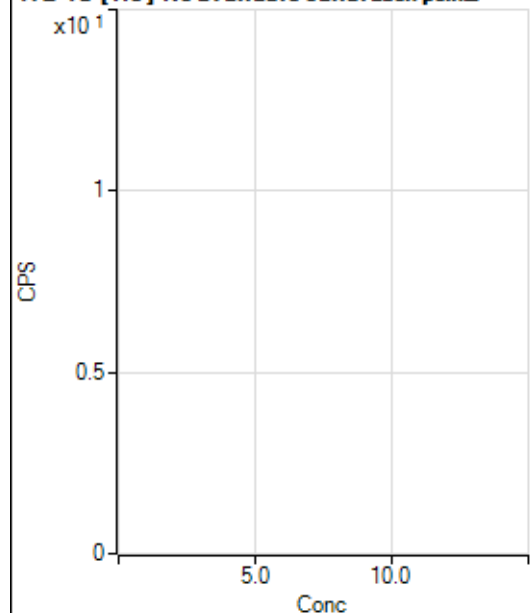
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	0.0
2	☐			33.34		P	43.3
3	☐			50.00		P	33.3
4	☐			61.11		P	55.1
5	☐			38.89		P	53.9
6	☐			69.44		P	48.5
7	☐			158.34		P	13.9
8	☐			72.22		P	63.5

164 Er [He] No available calibration points

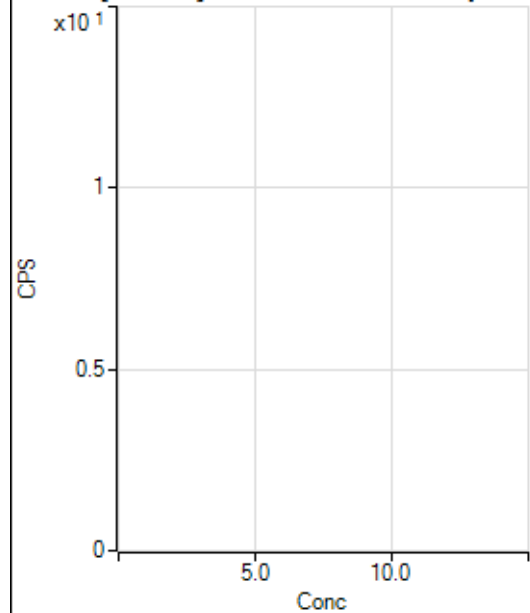
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	83.4
2	☐			17.78		P	60.3
3	☐			18.89		P	20.4
4	☐			13.33		P	66.2
5	☐			31.11		P	24.7
6	☐			24.44		P	34.3
7	☐			33.33		P	36.1
8	☐			24.44		P	39.4

172 Yb [No Gas] No available calibration points

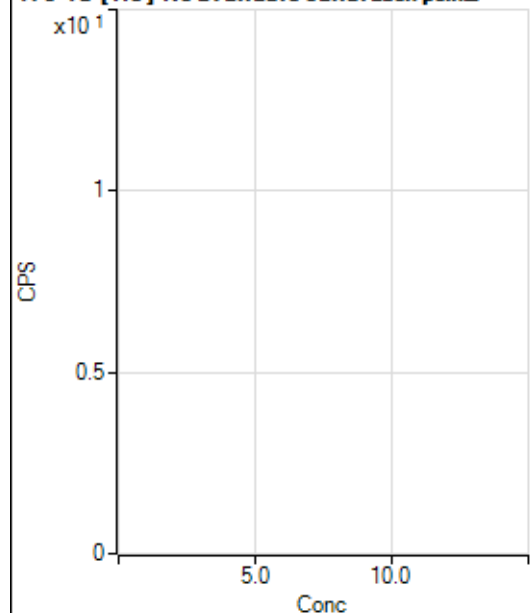
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	42.9
2	☐			61.11		P	34.3
3	☐			88.89		P	28.6
4	☐			63.89		P	45.8
5	☐			80.56		P	21.5
6	☐			52.78		P	55.5
7	☐			113.89		P	15.2
8	☐			225.01		P	20.6

172 Yb [He] No available calibration points

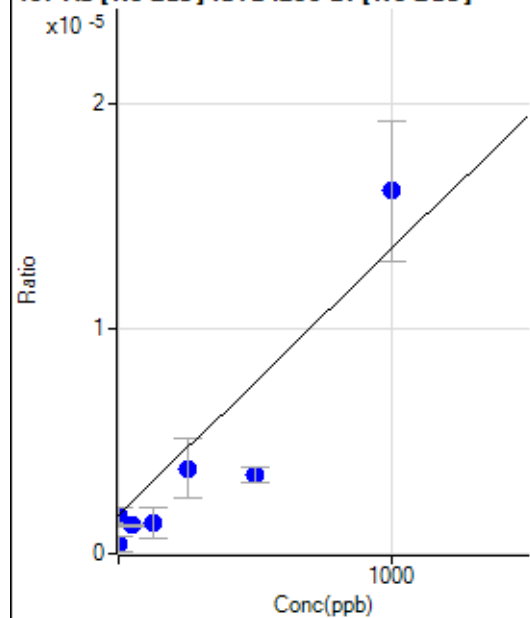
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.74		P	7.9
2	☐			31.48		P	44.4
3	☐			24.08		P	70.5
4	☐			22.22		P	66.1
5	☐			31.48		P	10.2
6	☐			51.85		P	22.3
7	☐			55.56		P	20.0
8	☐			75.93		P	11.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2036.33		P	1.4
2	☐			2080.79		P	6.2
3	☐			3100.45		P	1.5
4	☐			4039.62		P	4.9
5	☐			5584.67		P	2.1
6	☐			9459.15		P	5.1
7	☐			17790.28		P	1.9
8	☐			2122.45		P	6.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10901.01		P	7.5
2	☐			10118.90		P	10.9
3	☐			10635.93		P	2.4
4	☐			11173.41		P	1.3
5	☐			11838.83		P	4.0
6	☐			12052.00		P	1.4
7	☐			17165.19		P	3.1
8	☐			10211.54		P	0.5

197 Au [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	41.1
2	☐	1.000	-108.754	2.78	0.0000	P	173.
3	☐	50.000	-38.085	8.33	0.0000	P	3.9
4	☐	125.000	-30.401	8.33	0.0000	P	103.
5	☐	250.000	176.242	25.00	0.0000	P	68.0
6	☐	500.000	152.749	22.22	0.0000	P	19.8
7	☐	1000.000	1216.004	105.56	0.0000	P	38.5
8	☐			8.33	0.0000	P	93.0

$$y = 1.1861E-008 * x + 1.7134E-006$$

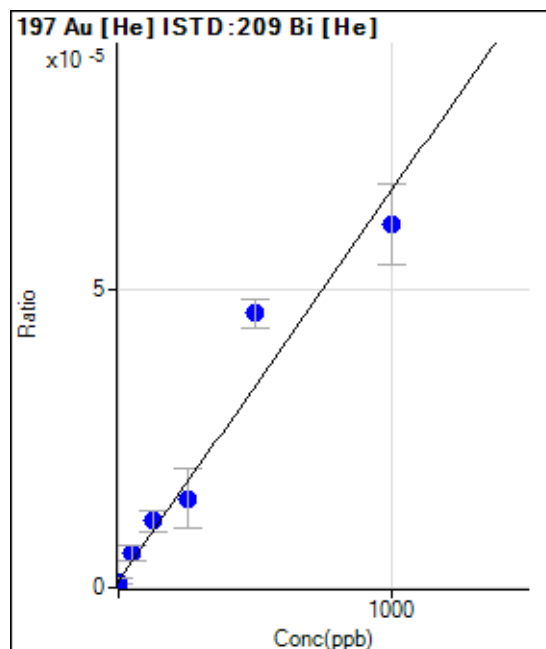
$$R = 0.9426$$

$$DL = 178.2$$

$$BEC = 144.5$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.71	0.0000	P	87.1
2	☐	1.000	-16.939	0.00	0.0000	P	
3	☐	50.000	71.331	18.52	0.0000	P	45.7
4	☐	125.000	153.662	35.19	0.0000	P	33.5
5	☐	250.000	210.598	46.30	0.0000	P	67.7
6	☐	500.000	685.596	129.63	0.0000	P	10.4
7	☐	1000.000	912.421	185.19	0.0001	P	22.4
8	☐			0.00	0.0000	P	

$$y = 6.5303\text{E-}008 * x + 1.1062\text{E-}006$$

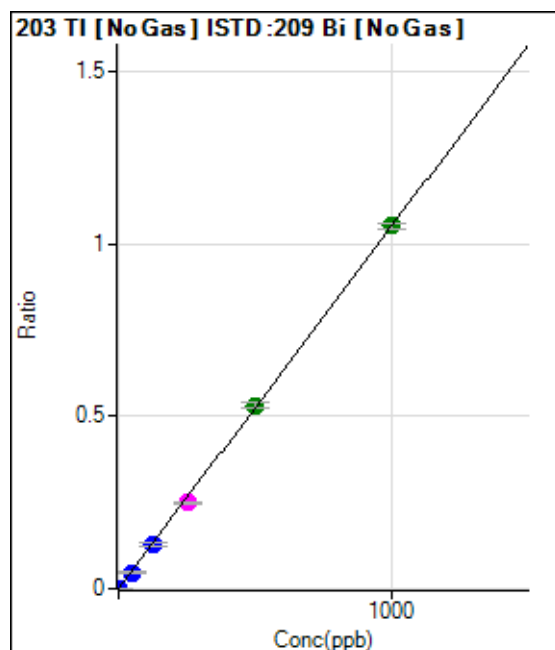
$$R = 0.9724$$

$$DL = 44.26$$

$$BEC = 16.94$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0000	P	38.4
2	☐	1.000	0.912	6618.55	0.0010	P	10.0
3	☐	50.000	44.879	312133.18	0.0473	P	3.5
4	☐	125.000	121.239	812290.57	0.1276	P	5.9
5	☐	250.000	236.181	1629460.66	0.2485	M	2.5
6	☐	500.000	505.571	3342679.42	0.5320	A	3.1
7	☐	1000.000	1001.396	6925262.39	1.0537	A	1.5
8	☐			2450.30	0.0004	P	8.9

$$y = 0.0011 * x + 4.9745\text{E-}005$$

$$R = 0.9999$$

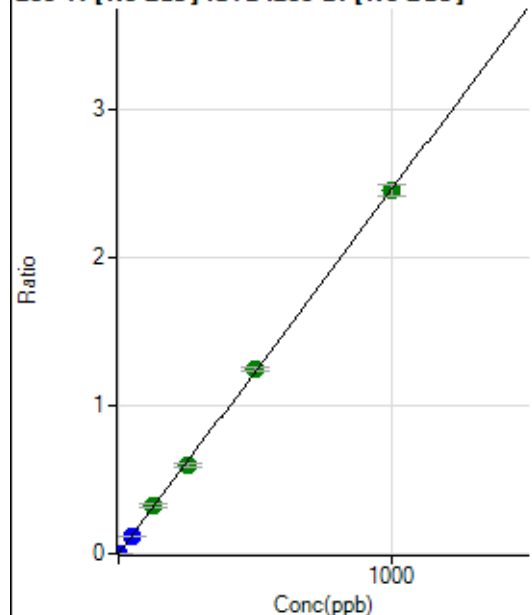
$$DL = 0.05447$$

$$BEC = 0.04728$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.16	0.0001	P	25.0
2	☐	1.000	0.969	16413.59	0.0025	P	1.3
3	☐	50.000	47.300	768638.09	0.1163	P	2.1
4	☐	125.000	132.361	2070085.66	0.3254	A	7.1
5	☐	250.000	244.257	3933336.72	0.6003	A	3.8
6	☐	500.000	507.729	7842647.92	1.2478	A	2.4
7	☐	1000.000	996.786	16097536.47	2.4496	A	3.2
8	☐			5743.10	0.0010	P	24.3

$$y = 0.0025 * x + 1.1839E-004$$

$$R = 0.9999$$

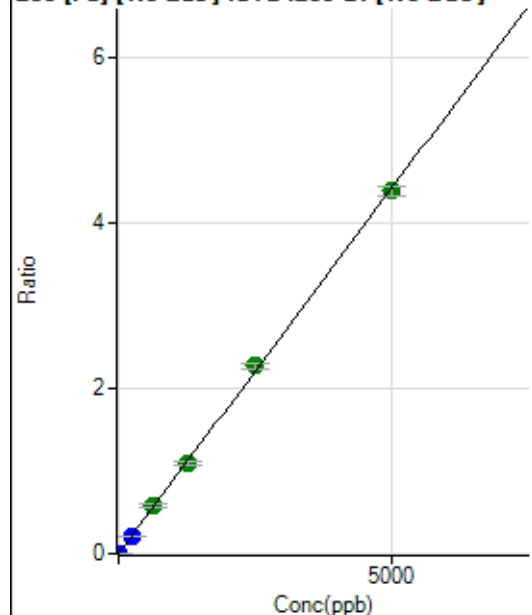
$$DL = 0.03617$$

$$BEC = 0.04818$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	807.45	0.0001	P	15.1
2	☐	1.000	0.939	6268.28	0.0010	P	6.5
3	☐	250.000	230.413	1345333.97	0.2037	P	3.4
4	☐	625.000	657.901	3703212.93	0.5815	A	4.6
5	☐	1250.000	1226.132	7100431.87	1.0836	A	4.0
6	☐	2500.000	2570.576	14272897.66	2.2716	A	3.3
7	☐	5000.000	4967.546	28844430.27	4.3897	A	2.9
8	☐			5293.77	0.0010	P	17.2

$$y = 8.8366E-004 * x + 1.2550E-004$$

$$R = 0.9998$$

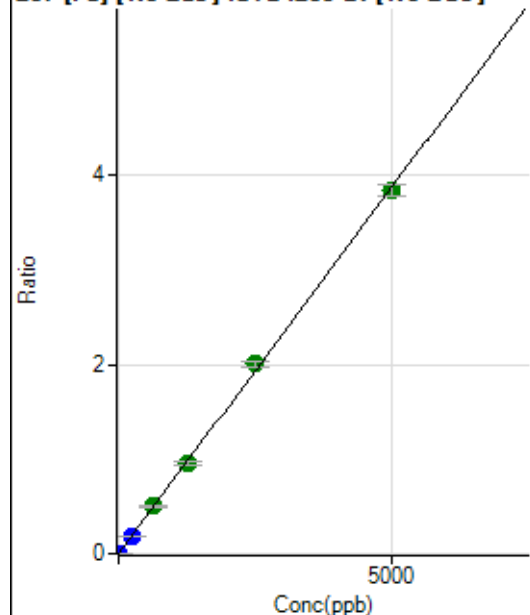
$$DL = 0.06444$$

$$BEC = 0.142$$

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	688.92	0.0001	P	3.7
2	☐	1.000	0.921	5384.60	0.0008	P	4.8
3	☐	250.000	232.214	1187697.85	0.1798	P	2.9
4	☐	625.000	653.011	3219595.47	0.5055	A	4.6
5	☐	1250.000	1235.819	6264132.66	0.9566	A	5.3
6	☐	2500.000	2590.771	12603622.39	2.0053	A	2.5
7	☐	5000.000	4955.548	25199241.77	3.8356	A	3.1
8	☐			4845.47	0.0009	P	25.2

$$y = 7.7397\text{E-}004 * x + 1.0681\text{E-}004$$

$$R = 0.9997$$

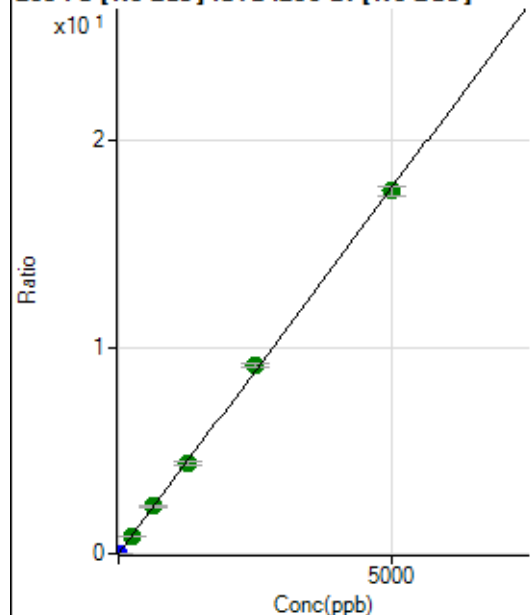
$$DL = 0.01528$$

$$BEC = 0.138$$

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	3059.46	0.0005	P	5.6
2	☐	1.000	0.932	24800.51	0.0038	P	2.2
3	☐	250.000	236.299	5532668.92	0.8376	A	2.4
4	☐	625.000	651.334	14694415.40	2.3079	A	5.0
5	☐	1250.000	1231.324	28575853.30	4.3625	A	4.4
6	☐	2500.000	2578.865	57417431.14	9.1362	A	2.3
7	☐	5000.000	4962.630	115508368.7	17.5809	A	2.6
8	☐			21755.80	0.0040	P	20.1

$$y = 0.0035 * x + 4.7470\text{E-}004$$

$$R = 0.9998$$

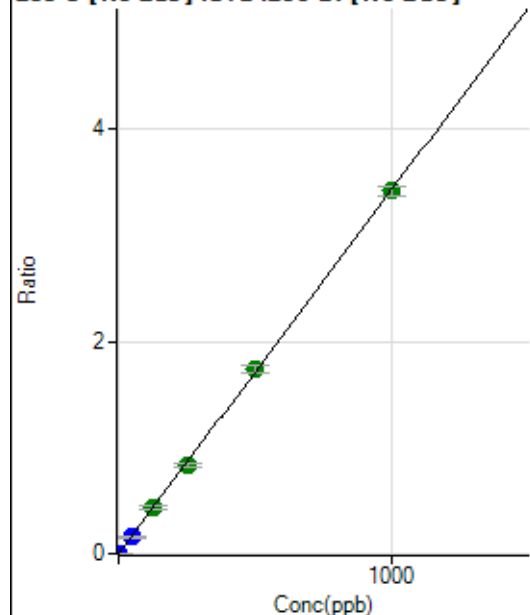
$$DL = 0.02242$$

$$BEC = 0.134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	45.7
2	☐	1.000	0.928	20953.99	0.0032	P	1.4
3	☐	50.000	45.591	1032188.47	0.1563	P	3.6
4	☐	125.000	127.871	2790080.27	0.4384	A	6.1
5	☐	250.000	243.751	5473898.17	0.8356	A	4.2
6	☐	500.000	507.528	10930935.14	1.7399	A	4.3
7	☐	1000.000	997.660	22470380.19	3.4201	A	2.9
8	☐			1733.51	0.0003	P	33.9

$$y = 0.0034 * x + 1.0609E-005$$

$$R = 0.9999$$

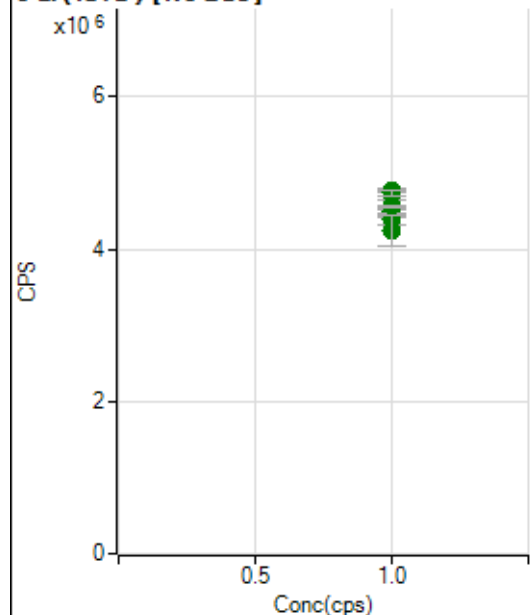
$$DL = 0.004242$$

$$BEC = 0.003095$$

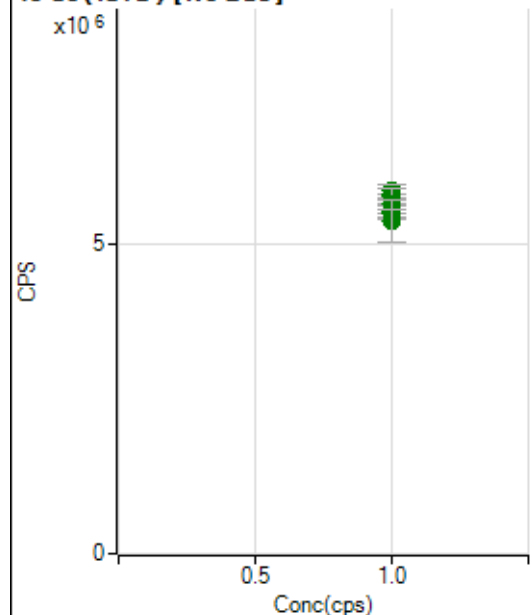
Weight: <None>

Min Conc: 0

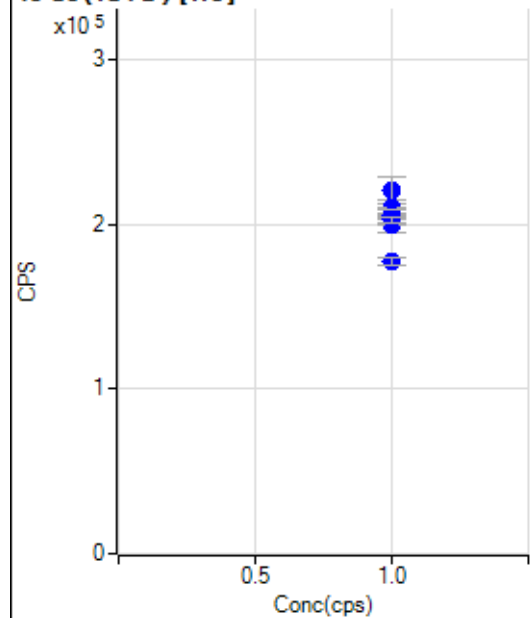
6 Li (ISTD) [No Gas]



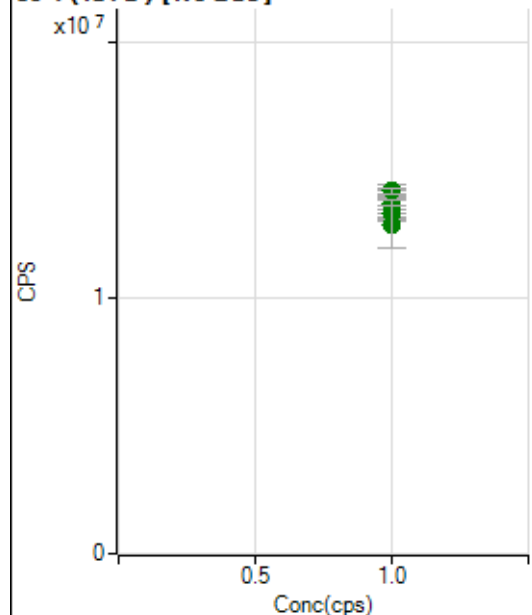
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4651721.04		A	5.7
2	☐	1.000		4764023.31		A	1.0
3	☐	1.000		4736384.99		A	2.0
4	☐	1.000		4547184.73		A	4.5
5	☐	1.000		4493219.40		A	3.7
6	☐	1.000		4398052.39		A	3.5
7	☐	1.000		4559781.44		A	0.8
8	☐	1.000		4236580.77		A	9.6

45 Sc (ISTD) [No Gas]

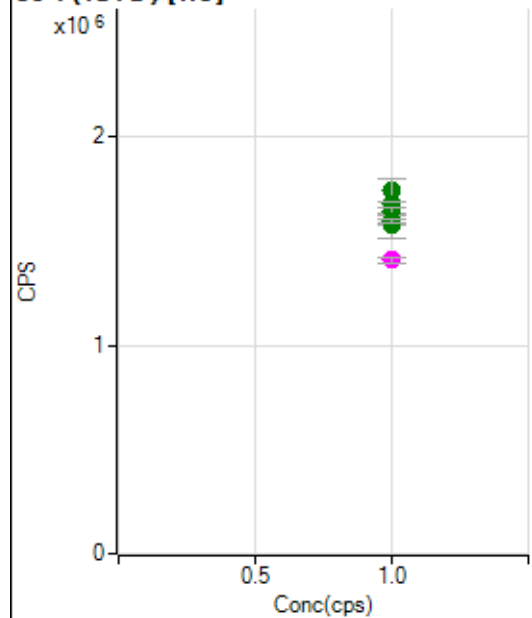
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5858827.55		A	3.8
2	☐	1.000		5760977.48		A	1.9
3	☐	1.000		5804531.86		A	2.9
4	☐	1.000		5542414.95		A	3.9
5	☐	1.000		5557315.13		A	2.7
6	☐	1.000		5495286.45		A	2.8
7	☐	1.000		5647277.55		A	2.6
8	☐	1.000		5366784.51		A	13.0

45 Sc (ISTD) [He]

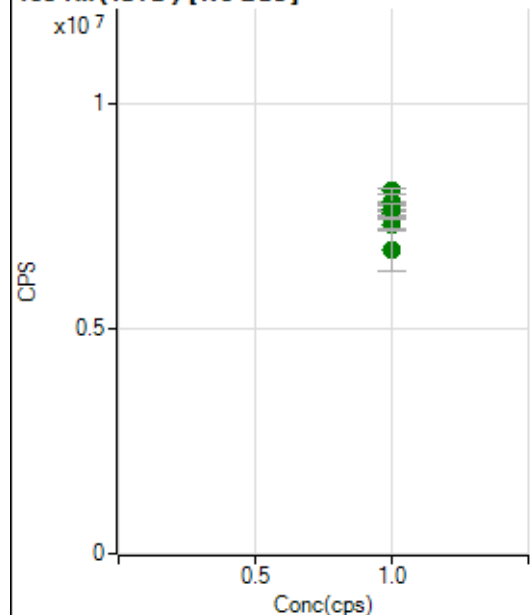
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		220077.56		P	7.4
2	☐	1.000		204849.89		P	9.7
3	☐	1.000		209403.26		P	0.9
4	☐	1.000		205840.04		P	0.3
5	☐	1.000		199617.48		P	0.6
6	☐	1.000		177281.81		P	2.7
7	☐	1.000		205870.22		P	3.1
8	☐	1.000		202816.58		P	1.7

89 Y (ISTD) [No Gas]

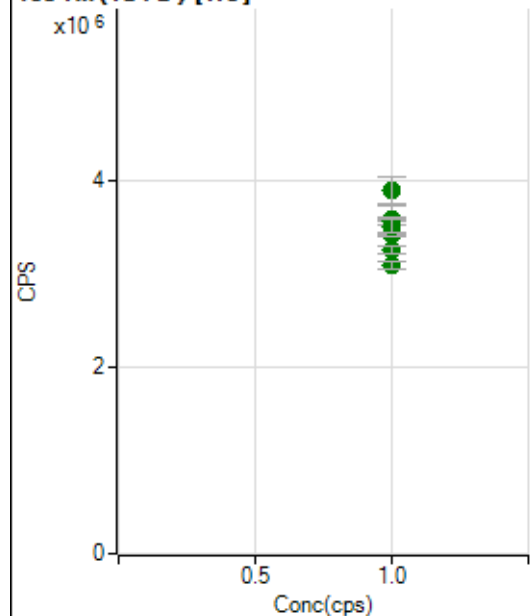
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13693237.16		A	5.5
2	☐	1.000		14078865.07		A	1.6
3	☐	1.000		14162931.32		A	3.6
4	☐	1.000		13483367.86		A	4.5
5	☐	1.000		13273021.75		A	2.6
6	☐	1.000		13320822.02		A	4.4
7	☐	1.000		14172388.26		A	1.4
8	☐	1.000		12857465.78		A	14.7

89 Y (ISTD) [He]

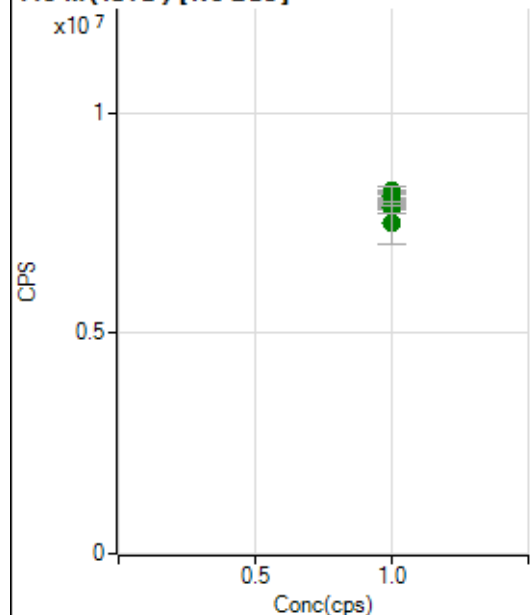
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1739041.10		A	6.5
2	☐	1.000		1602436.17		A	11.1
3	☐	1.000		1673715.55		A	1.5
4	☐	1.000		1627139.18		A	1.1
5	☐	1.000		1580801.45		A	0.5
6	☐	1.000		1405679.02		M	2.1
7	☐	1.000		1641840.29		A	2.4
8	☐	1.000		1595020.48		A	1.7

103 Rh (ISTD) [No Gas]

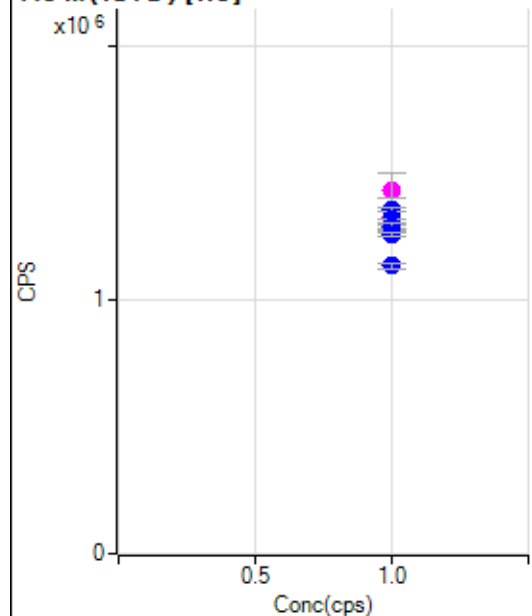
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7819211.46		A	4.3
2	☐	1.000		7779788.02		A	0.7
3	☐	1.000		8068370.84		A	1.3
4	☐	1.000		7819827.43		A	4.4
5	☐	1.000		7572739.06		A	1.3
6	☐	1.000		7318507.45		A	3.6
7	☐	1.000		7642850.78		A	4.2
8	☐	1.000		6762400.06		A	13.9

103 Rh (ISTD) [He]

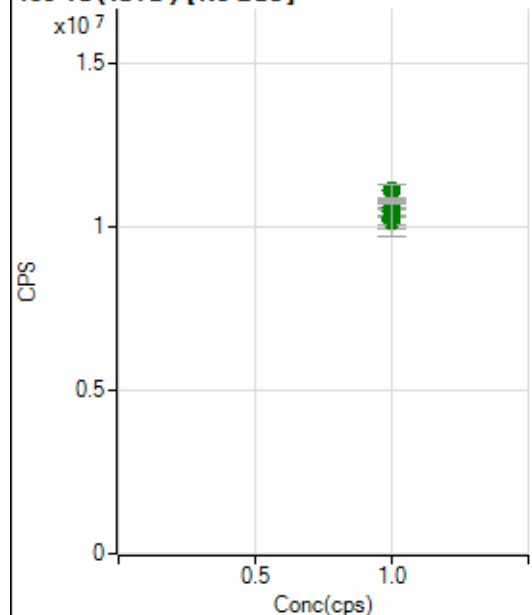
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3884123.24		A	7.9
2	☐	1.000		3588839.29		A	9.0
3	☐	1.000		3585327.13		A	1.2
4	☐	1.000		3562783.49		A	2.0
5	☐	1.000		3409173.04		A	0.7
6	☐	1.000		3097325.51		A	2.6
7	☐	1.000		3508180.57		A	4.4
8	☐	1.000		3251286.07		A	2.9

115 In (ISTD) [No Gas]

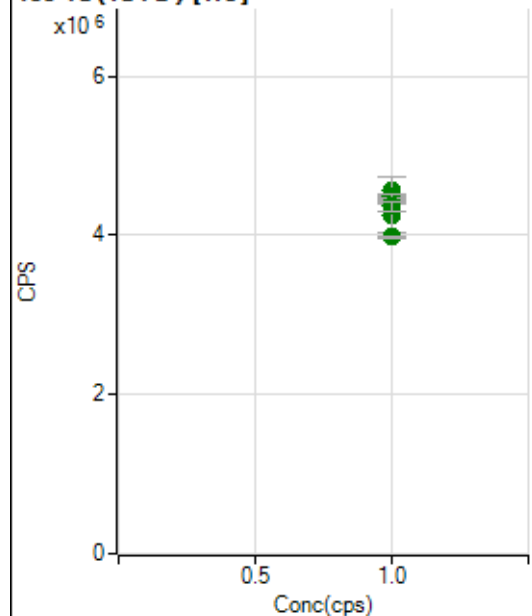
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7994895.35		A	5.3
2	☐	1.000		8221287.89		A	0.6
3	☐	1.000		8166598.91		A	0.8
4	☐	1.000		8025567.47		A	2.6
5	☐	1.000		7959488.15		A	2.8
6	☐	1.000		7857977.80		A	4.2
7	☐	1.000		8106614.30		A	5.6
8	☐	1.000		7490521.74		A	12.6

115 In (ISTD) [He]

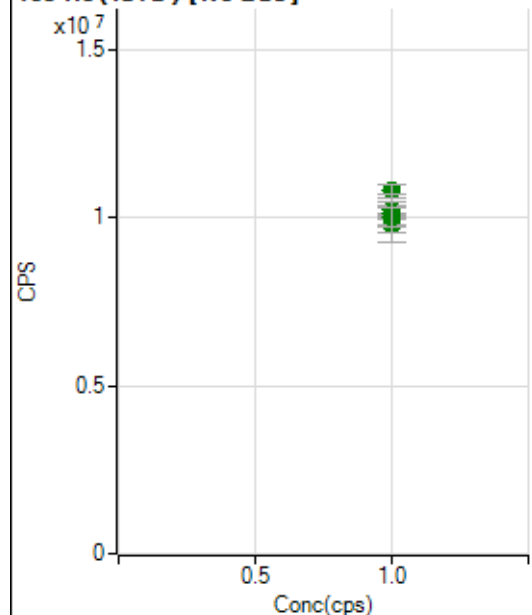
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1431233.32		M	9.7
2	☐	1.000		1330061.34		M	11.5
3	☐	1.000		1358121.61		P	0.9
4	☐	1.000		1321365.45		P	0.3
5	☐	1.000		1289226.47		P	1.0
6	☐	1.000		1136024.04		P	2.0
7	☐	1.000		1289478.26		P	2.7
8	☐	1.000		1262247.82		P	1.1

159 Tb (ISTD) [No Gas]

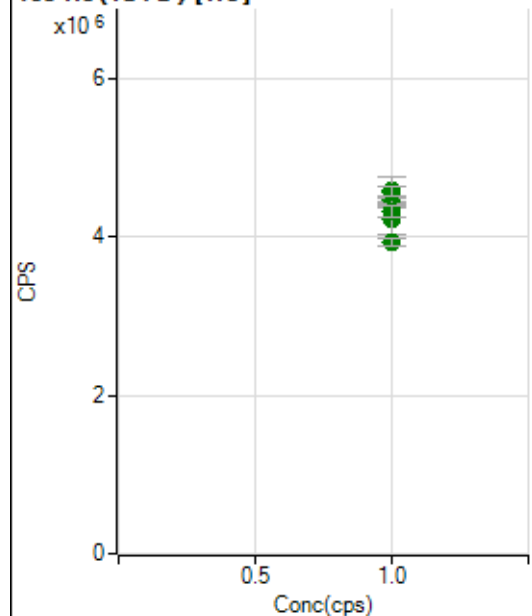
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10228119.57		A	5.6
2	☐	1.000		10489359.91		A	2.3
3	☐	1.000		10706762.41		A	2.4
4	☐	1.000		10186390.61		A	2.8
5	☐	1.000		10570091.72		A	3.6
6	☐	1.000		10484760.40		A	3.9
7	☐	1.000		11101657.20		A	3.7
8	☐	1.000		10278842.14		A	11.0

159 Tb (ISTD) [He]

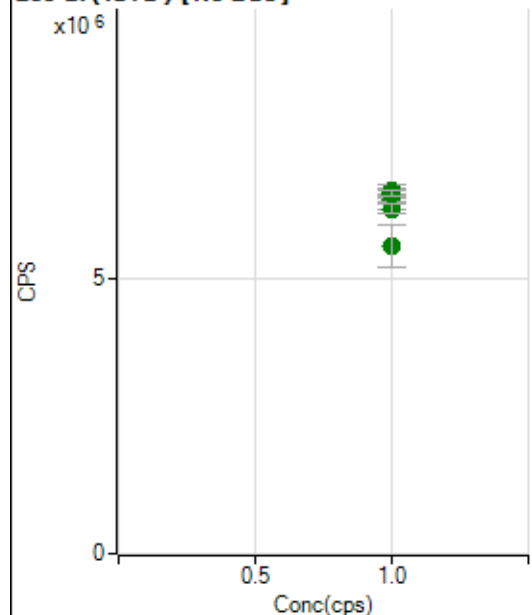
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4557481.29		A	7.5
2	☐	1.000		4259378.79		A	11.0
3	☐	1.000		4486178.06		A	1.2
4	☐	1.000		4473197.26		A	0.8
5	☐	1.000		4471785.97		A	0.6
6	☐	1.000		3975893.52		A	0.6
7	☐	1.000		4491129.48		A	1.5
8	☐	1.000		4370445.66		A	2.8

165 Ho (ISTD) [No Gas]

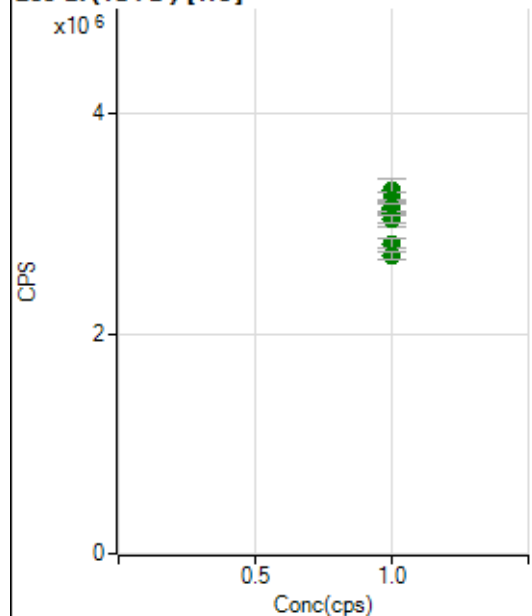
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9790818.01		A	5.3
2	☐	1.000		10045832.00		A	1.0
3	☐	1.000		10216255.26		A	2.2
4	☐	1.000		10020334.17		A	6.3
5	☐	1.000		10119503.70		A	6.5
6	☐	1.000		10132044.59		A	3.3
7	☐	1.000		10792876.80		A	3.5
8	☐	1.000		9996162.72		A	14.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4577941.95		A	7.5
2	☐	1.000		4215122.54		A	8.9
3	☐	1.000		4448899.24		A	0.1
4	☐	1.000		4386668.44		A	0.7
5	☐	1.000		4453264.62		A	1.4
6	☐	1.000		3929212.89		A	2.9
7	☐	1.000		4569032.43		A	2.4
8	☐	1.000		4322510.35		A	3.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6458744.63		A	5.7
2	☐	1.000		6567816.50		A	3.0
3	☐	1.000		6609225.04		A	3.9
4	☐	1.000		6379087.20		A	5.6
5	☐	1.000		6559353.65		A	4.8
6	☐	1.000		6287422.96		A	3.2
7	☐	1.000		6572161.85		A	1.8
8	☐	1.000		5597954.32		A	13.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3299640.30		A	7.2
2	☐	1.000		3126600.54		A	9.9
3	☐	1.000		3213337.21		A	0.7
4	☐	1.000		3140181.72		A	2.9
5	☐	1.000		3095535.44		A	1.5
6	☐	1.000		2821799.78		A	3.1
7	☐	1.000		3042544.57		A	2.4
8	☐	1.000		2714755.60		A	2.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8092122MS1.b

Acq. Date-Time 2022-09-21 15:01:53

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		11264	112644.54			1.370	5.000
24		87079	870785.55			2.009	5.000
25		11540	115397.23			1.880	5.000
26		13394	133944.41			1.528	5.000
59		66018	660182.83			1.819	5.000
113		6262	62622.00			2.375	5.000
115		87925	879246.81			2.595	5.000
206		20833	208329.18			1.769	5.000
207		18845	188453.99			2.061	5.000
208		45784	457835.49			2.154	5.000
220		0	3.30			39.510	

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

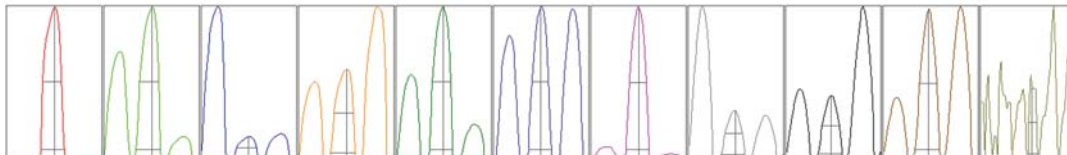
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11481	11071	11240	11193	11337
24	88385	84464	88582	86140	87823
25	11720	11232	11600	11408	11739
26	13635	13155	13384	13238	13561
59	67295	64147	66282	65679	66689
113	6408	6061	6262	6178	6403
115	91257	86013	87095	86015	89244
206	21083	20336	21173	20548	21025
207	18975	18181	19099	18842	19130
208	45757	44474	46901	45222	46564

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	20745.00	9.05	8.90 - 9.10	
24	154897.75	24.05	23.90 - 24.10	
25	20098.62	25.00	24.90 - 25.10	
26	23389.76	26.05	25.90 - 26.10	
59	122320.10	59.00	58.90 - 59.10	
113	12645.33	113.00	112.90 - 113.10	
115	174153.77	115.05	114.90 - 115.10	
206	40444.96	206.00	205.90 - 206.10	
207	36670.61	206.95	206.90 - 207.10	
208	89895.33	207.95	207.90 - 208.10	
220	0.50	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.734	0.900	
24	0.60	0.772	0.900	
25	0.61	0.738	0.900	
26	0.60	0.777	0.900	
59	0.57	0.734	0.900	
113	0.51	0.725	0.900	
115	0.52	0.727	0.900	
206	0.54	0.756	0.900	
207	0.54	0.768	0.900	
208	0.54	0.778	0.900	
220	0.24	0.294		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 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	11.3 V	Deflect	15.4 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.9 mm
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EM

Discriminator	4.3 mV	Analog HV	2307 V	Pulse HV	1610 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14102	141023.10			4.165	
89		16290	162901.43			4.492	
205		30593	305925.08			4.545	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13322	14157	13960	14106	14967
89	15272	16451	16130	16281	17317
205	28755	30824	30237	30511	32635

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 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	11.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	124	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.9 mm
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EM

Discriminator	4.3 mV	Analog HV	2307 V	Pulse HV	1610 V
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LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.30	-0.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.02	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.03	0.00	0.02	0.00	N/A	ppb
Boron	11-1	0.05	-0.04	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.02	-0.15	0.00	N/A	ppb
Cadmium	106-1	1.73	0.15	-1.87	0.00	N/A	ppb
Cadmium	108-1	0.11	-0.07	-0.04	0.00	N/A	ppb
Calcium	43-1	-0.24	0.78	-0.54	0.00	N/A	ppb
Calcium	44-1	1.16	-0.64	-0.52	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.02	-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
Gold	197-1	-28.12	-40.12	68.25	0.00	N/A	ppb
Gold	197-2	-16.94	10.05	6.89	0.00	N/A	ppb
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	0.29	-0.31	0.00	N/A	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.53	0.35	0.18	0.00	N/A	ppb
Iron	54-2	0.27	0.00	-0.26	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.26	0.40	-0.14	0.00	N/A	ppb
Manganese	55-2	0.00	0.03	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.24	1.84	-26.70	-11.70		ppb
Potassium	39-2	3.09	10.07	-13.16	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	1.03	-0.58	0.00	N/A	ppb
Selenium	82-1	0.10	0.12	-0.22	0.00	N/A	ppb
Silicon	28-1	1.02	-0.50	-0.52	0.00	N/A	ppb
Silver	107-1	0.00	0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.95	3.53	-5.48	0.00	N/A	ppb
Strontium	86-1	0.07	-0.05	-0.02	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	276.57	-284.98	-393.55	-133.99		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	-0.06	0.04	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	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	0.21	-0.05	-0.16	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:41:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.91	27.28	21.92	23.70	13.08	ppb
Antimony	121-1	2.21	2.10	2.04	2.12	4.16	ppb
Arsenic	75-2	1.12	1.20	1.12	1.15	4.02	ppb
Barium	135-1	10.39	9.81	9.88	10.03	3.19	ppb
Barium	137-1	10.83	10.20	9.90	10.31	4.60	ppb
Beryllium	9-1	1.17	1.15	1.09	1.14	3.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	14.31	15.07	15.48	14.95	3.96	ppb
Boron	11-1	14.93	15.90	15.99	15.61	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.21	1.21	1.19	3.23	ppb
Cadmium	106-1	1.45	1.30	0.74	1.17	32.34	ppb
Cadmium	108-1	1.18	0.57	0.74	0.83	37.76	ppb
Calcium	43-1	494.23	485.86	477.58	485.89	1.71	ppb
Calcium	44-1	492.51	477.95	470.87	480.44	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.32	2.04	2.11	9.22	ppb
Cobalt	59-2	0.93	1.22	0.98	1.04	14.91	ppb
Copper	63-1	2.05	2.06	1.98	2.03	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-37.36	-144.45	-144.45	-108.75		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	52.94	64.12	51.22	56.09	12.48	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:41:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	56.29	69.33	48.37	58.00	18.24	ppb
Iron	54-2	47.65	69.16	57.31	58.04	18.56	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.01	0.87	0.94	7.43	ppb
Lead	207-1	0.98	0.89	0.89	0.92	5.50	ppb
Lead	208-1	0.95	0.94	0.91	0.93	2.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	550.89	654.21	538.31	581.14	10.94	ppb
Manganese	55-2	0.90	1.29	1.07	1.09	18.26	ppb
Molybdenum	94-1	6.21	5.91	6.35	6.16	3.65	ppb
Molybdenum	95-1	5.33	4.94	5.25	5.17	3.97	ppb
Molybdenum	96-1	5.28	5.35	4.94	5.19	4.20	ppb
Molybdenum	97-1	5.25	5.10	5.13	5.16	1.50	ppb
Molybdenum	98-1	5.21	4.98	5.01	5.07	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.21	0.91	1.06	14.10	ppb
Phosphorus	31-2	18.31	25.86	-9.07	11.70	157.09	ppb
Potassium	39-2	492.63	605.73	508.37	535.58	11.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	6.33	6.98	2.56	5.29	45.17	ppb
Selenium	78-2	6.00	7.13	4.26	5.80	24.92	ppb
Selenium	82-1	5.40	5.17	5.83	5.47	6.06	ppb
Silicon	28-1	2.52	1.42	2.15	2.03	27.58	ppb
Silver	107-1	1.16	1.16	1.08	1.13	4.54	ppb
Silver	109-1	1.19	1.15	1.13	1.16	2.57	ppb
Sodium	23-2	492.47	619.72	498.95	537.05	13.34	ppb
Strontium	86-1	0.90	0.94	0.86	0.90	4.61	ppb
Strontium	88-1	1.05	1.03	1.03	1.04	1.01	ppb
Sulfur	34-1	440.23	-189.81	151.54	133.99	235.39	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.94	0.99	0.80	0.91	10.55	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:41:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.98	0.98	0.95	0.97	1.34	ppb
Tin	118-1	5.62	5.36	5.14	5.37	4.44	ppb
Titanium	47-1	5.21	5.40	5.37	5.33	1.86	ppb
Uranium	238-1	0.94	0.93	0.91	0.93	1.40	ppb
Vanadium	51-2	4.63	5.53	4.79	4.98	9.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	2.28	2.63	2.11	2.34	11.43	ppb
Zirconium	90-1	1.06	0.98	0.97	1.00	4.72	ppb
Zirconium	91-1	0.93	0.90	0.89	0.90	2.18	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1171.38	1139.90	1149.71	1153.67	1.40	ppb
Antimony	121-1	50.41	49.82	52.75	50.99	3.04	ppb
Arsenic	75-2	50.65	48.83	49.76	49.75	1.83	ppb
Barium	135-1	240.22	239.88	238.48	239.53	0.39	ppb
Barium	137-1	245.93	247.81	251.53	248.42	1.15	ppb
Beryllium	9-1	52.13	52.34	53.15	52.54	1.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	41.21	42.67	45.00	42.96	4.45	ppb
Boron	11-1	42.56	45.08	48.17	45.27	6.20	ppb
Bromine	81-1						cps
Cadmium	111-1	52.68	52.67	53.15	52.83	0.52	ppb
Cadmium	106-1	54.47	55.50	53.27	54.41	2.05	ppb
Cadmium	108-1	52.52	51.54	53.45	52.50	1.81	ppb
Calcium	43-1	5299.90	5435.72	5480.58	5405.40	1.74	ppb
Calcium	44-1	4885.44	5078.33	5401.10	5121.62	5.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.42	47.50	46.65	47.19	1.00	ppb
Cobalt	59-2	48.98	47.48	47.55	48.00	1.76	ppb
Copper	63-1	524.93	528.56	537.32	530.27	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-42.73	-36.63	-34.90	-38.08		ppb
Gold	197-2	35.70	63.15	115.14	71.33	56.56	ppb
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	2803.65	2763.64	2789.95	2785.75	0.73	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2687.86	2537.07	2645.16	2623.36	2.96	ppb
Iron	54-2	2720.73	2618.01	2611.15	2649.96	2.32	ppb
Krypton	83-1						cps
Lead	206-1	221.27	235.40	234.57	230.41	3.44	ppb
Lead	207-1	224.39	237.03	235.22	232.21	2.94	ppb
Lead	208-1	230.03	241.08	237.78	236.30	2.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	5330.30	5191.66	5187.80	5236.59	1.55	ppb
Manganese	55-2	495.37	474.10	482.41	483.96	2.21	ppb
Molybdenum	94-1	482.21	510.55	514.35	502.37	3.50	ppb
Molybdenum	95-1	497.08	493.93	523.60	504.87	3.23	ppb
Molybdenum	96-1	486.60	494.19	520.99	500.59	3.61	ppb
Molybdenum	97-1	491.73	499.95	527.44	506.38	3.69	ppb
Molybdenum	98-1	470.19	496.99	512.06	493.08	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.35	49.04	50.02	50.14	2.31	ppb
Phosphorus	31-2	945.54	922.72	1001.09	956.45	4.21	ppb
Potassium	39-2	2560.89	2450.41	2452.42	2487.91	2.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	58.70	40.49	44.30	47.83	20.07	ppb
Selenium	78-2	50.06	46.84	54.84	50.58	7.96	ppb
Selenium	82-1	50.84	53.92	52.59	52.45	2.94	ppb
Silicon	28-1	42.15	42.27	44.91	43.11	3.61	ppb
Silver	107-1	53.88	54.95	55.63	54.82	1.61	ppb
Silver	109-1	53.62	53.54	54.66	53.94	1.15	ppb
Sodium	23-2	5179.18	5114.72	5115.15	5136.35	0.72	ppb
Strontium	86-1	1222.83	1262.82	1319.82	1268.49	3.84	ppb
Strontium	88-1	1206.71	1225.99	1303.76	1245.48	4.13	ppb
Sulfur	34-1	1023.91	1090.22	1354.85	1156.33	15.14	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	43.06	45.92	45.66	44.88	3.52	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	46.26	48.23	47.41	47.30	2.09	ppb
Tin	118-1	50.29	51.11	52.01	51.14	1.68	ppb
Titanium	47-1	506.76	507.94	513.84	509.51	0.74	ppb
Uranium	238-1	43.78	46.95	46.05	45.59	3.58	ppb
Vanadium	51-2	47.32	46.47	46.85	46.88	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	508.95	499.02	490.29	499.42	1.87	ppb
Zirconium	90-1	47.11	48.36	50.65	48.71	3.69	ppb
Zirconium	91-1	45.72	48.32	49.10	47.71	3.71	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2886.77	2819.04	2836.08	2847.30	1.24	ppb
Antimony	121-1	136.02	140.61	132.28	136.30	3.06	ppb
Arsenic	75-2	129.44	125.12	123.54	126.03	2.43	ppb
Barium	135-1	648.13	691.56	633.20	657.63	4.61	ppb
Barium	137-1	702.60	704.45	682.59	696.55	1.74	ppb
Beryllium	9-1	132.21	143.76	131.23	135.73	5.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	107.17	122.18	115.72	115.02	6.55	ppb
Boron	11-1	112.46	129.09	120.13	120.56	6.90	ppb
Bromine	81-1						cps
Cadmium	111-1	138.69	148.26	134.78	140.58	4.93	ppb
Cadmium	106-1	138.47	146.04	136.98	140.50	3.46	ppb
Cadmium	108-1	137.29	147.96	135.06	140.10	4.92	ppb
Calcium	43-1	13731.04	14867.29	13609.33	14069.22	4.93	ppb
Calcium	44-1	12927.33	14125.64	13204.35	13419.11	4.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.01	119.75	119.60	120.45	1.12	ppb
Cobalt	59-2	123.89	121.53	120.21	121.88	1.53	ppb
Copper	63-1	1331.59	1471.24	1322.67	1375.17	6.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-144.45	91.06	-37.81	-30.40		ppb
Gold	197-2	118.85	122.44	219.69	153.66	37.23	ppb
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	7034.64	7067.06	6868.21	6989.97	1.53	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	6813.53	6569.81	6519.66	6634.33	2.37	ppb
Iron	54-2	6794.13	6718.38	6929.10	6813.87	1.57	ppb
Krypton	83-1						cps
Lead	206-1	649.97	691.64	632.09	657.90	4.64	ppb
Lead	207-1	626.94	685.43	646.66	653.01	4.56	ppb
Lead	208-1	630.60	689.23	634.17	651.33	5.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	14157.02	13450.60	13271.59	13626.40	3.44	ppb
Manganese	55-2	1291.85	1267.75	1267.94	1275.85	1.09	ppb
Molybdenum	94-1	1320.70	1456.46	1243.16	1340.10	8.06	ppb
Molybdenum	95-1	1311.39	1418.31	1211.88	1313.86	7.86	ppb
Molybdenum	96-1	1297.46	1415.07	1238.53	1317.02	6.82	ppb
Molybdenum	97-1	1324.91	1401.23	1276.04	1334.06	4.73	ppb
Molybdenum	98-1	1283.33	1389.52	1226.04	1299.63	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.01	127.89	123.12	127.34	3.12	ppb
Phosphorus	31-2	2600.61	2542.50	2497.29	2546.80	2.03	ppb
Potassium	39-2	6461.62	6310.72	6230.39	6334.24	1.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	147.31	148.25	115.34	136.97	13.68	ppb
Selenium	78-2	133.42	130.37	130.64	131.48	1.29	ppb
Selenium	82-1	133.40	142.91	130.50	135.61	4.79	ppb
Silicon	28-1	107.18	121.94	111.70	113.61	6.66	ppb
Silver	107-1	143.50	147.51	138.24	143.09	3.25	ppb
Silver	109-1	141.04	149.85	139.77	143.55	3.82	ppb
Sodium	23-2	13332.48	12936.60	12763.07	13010.71	2.24	ppb
Strontium	86-1	3244.80	3454.58	3133.29	3277.56	4.98	ppb
Strontium	88-1	3152.93	3490.69	3133.44	3259.02	6.16	ppb
Sulfur	34-1	3155.96	4119.35	3155.88	3477.07	16.00	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	118.57	129.30	115.85	121.24	5.86	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	127.38	143.25	126.46	132.36	7.13	ppb
Tin	118-1	136.31	139.32	128.34	134.66	4.21	ppb
Titanium	47-1	1295.36	1405.00	1287.63	1329.33	4.94	ppb
Uranium	238-1	124.03	136.84	122.75	127.87	6.09	ppb
Vanadium	51-2	120.05	120.49	119.84	120.13	0.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1270.03	1274.30	1255.92	1266.75	0.76	ppb
Zirconium	90-1	133.94	143.38	128.13	135.15	5.70	ppb
Zirconium	91-1	123.96	138.95	119.95	127.62	7.85	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5662.04	5537.38	5582.43	5593.95	1.13	ppb
Antimony	121-1	266.44	248.98	252.54	255.99	3.61	ppb
Arsenic	75-2	257.14	248.15	253.03	252.77	1.78	ppb
Barium	135-1	1282.33	1251.50	1274.02	1269.28	1.26	ppb
Barium	137-1	1315.41	1282.07	1335.42	1310.97	2.06	ppb
Beryllium	9-1	270.94	254.28	262.12	262.45	3.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	226.70	222.29	234.98	227.99	2.83	ppb
Boron	11-1	238.07	233.76	249.48	240.44	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	269.79	253.66	267.63	263.69	3.32	ppb
Cadmium	106-1	275.66	255.07	259.62	263.45	4.11	ppb
Cadmium	108-1	277.92	253.94	271.31	267.72	4.63	ppb
Calcium	43-1	28125.56	27316.33	26474.95	27305.62	3.02	ppb
Calcium	44-1	26891.83	25806.76	25452.19	26050.26	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246.25	237.59	234.29	239.38	2.58	ppb
Cobalt	59-2	245.14	239.61	241.47	242.07	1.16	ppb
Copper	63-1	2728.91	2620.34	2519.48	2622.91	3.99	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
Gold	197-1	-33.53	160.22	402.04	176.24	123.82	ppb
Gold	197-2	122.29	121.03	388.47	210.60	73.15	ppb
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	13944.68	13667.50	13897.48	13836.55	1.07	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	13489.71	13188.52	13172.48	13283.57	1.35	ppb
Iron	54-2	13902.06	13259.02	13120.34	13427.14	3.11	ppb
Krypton	83-1						cps
Lead	206-1	1281.17	1186.09	1211.13	1226.13	4.02	ppb
Lead	207-1	1293.58	1163.83	1250.05	1235.82	5.34	ppb
Lead	208-1	1280.94	1173.04	1239.99	1231.32	4.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	26907.56	27269.33	27197.65	27124.85	0.71	ppb
Manganese	55-2	2590.06	2513.08	2488.85	2530.66	2.09	ppb
Molybdenum	94-1	2730.87	2544.54	2571.12	2615.51	3.85	ppb
Molybdenum	95-1	2687.78	2533.99	2571.65	2597.81	3.09	ppb
Molybdenum	96-1	2713.20	2599.18	2533.65	2615.34	3.47	ppb
Molybdenum	97-1	2706.84	2602.75	2597.82	2635.80	2.34	ppb
Molybdenum	98-1	2665.40	2586.68	2558.49	2603.53	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.31	247.29	250.42	252.34	2.47	ppb
Phosphorus	31-2	4930.17	5079.93	5100.82	5036.98	1.85	ppb
Potassium	39-2	13144.49	13331.97	12822.24	13099.56	1.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	245.02	267.46	251.76	254.75	4.52	ppb
Selenium	78-2	257.32	247.15	255.26	253.24	2.12	ppb
Selenium	82-1	281.59	271.12	264.21	272.31	3.21	ppb
Silicon	28-1	223.74	227.16	211.64	220.85	3.69	ppb
Silver	107-1	284.32	260.89	274.74	273.32	4.31	ppb
Silver	109-1	282.65	255.06	280.88	272.86	5.66	ppb
Sodium	23-2	26330.23	26299.95	26539.04	26389.74	0.49	ppb
Strontium	86-1	6665.60	6619.33	6370.12	6551.68	2.43	ppb
Strontium	88-1	6614.99	6574.77	6373.02	6520.93	1.99	ppb
Sulfur	34-1	6611.42	6397.65	5558.86	6189.31	8.99	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	243.04	232.68	232.83	236.18	2.51	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	253.60	234.88	244.29	244.26	3.83	ppb
Tin	118-1	262.46	245.12	257.82	255.13	3.52	ppb
Titanium	47-1	2722.21	2562.05	2490.12	2591.46	4.58	ppb
Uranium	238-1	251.41	232.26	247.59	243.75	4.16	ppb
Vanadium	51-2	243.52	239.05	234.77	239.11	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	2564.94	2503.56	2483.14	2517.22	1.69	ppb
Zirconium	90-1	267.08	262.46	257.80	262.44	1.77	ppb
Zirconium	91-1	260.17	249.06	249.24	252.82	2.52	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12262.99	12649.58	11778.22	12230.26	3.57	ppb
Antimony	121-1	524.59	535.37	534.28	531.41	1.12	ppb
Arsenic	75-2	554.58	571.98	536.65	554.40	3.19	ppb
Barium	135-1	2400.83	2606.77	2603.37	2536.99	4.65	ppb
Barium	137-1	2488.68	2615.73	2618.94	2574.45	2.89	ppb
Beryllium	9-1	516.51	545.57	537.55	533.21	2.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				86		%
Boron	10-1	424.07	461.93	472.14	452.71	5.59	ppb
Boron	11-1	417.26	469.07	475.41	453.91	7.03	ppb
Bromine	81-1						cps
Cadmium	111-1	504.88	529.10	520.61	518.20	2.37	ppb
Cadmium	106-1	501.94	537.57	513.18	517.56	3.52	ppb
Cadmium	108-1	504.05	541.90	511.26	519.07	3.87	ppb
Calcium	43-1	55413.11	56635.95	54888.86	55645.97	1.61	ppb
Calcium	44-1	48769.99	52067.02	50140.17	50325.72	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	537.20	534.01	506.39	525.87	3.22	ppb
Cobalt	59-2	536.92	566.77	530.47	544.72	3.55	ppb
Copper	63-1	5097.92	5308.43	5179.09	5195.15	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	179.15	193.86	85.23	152.75	38.58	ppb
Gold	197-2	741.41	603.00	712.38	685.60	10.65	ppb
Holmium	165-1				103		%
Holmium	165-2				86		%
Indium	115-1				98		%
Indium	115-2				79		%
Iron	56-2	30532.34	30675.29	29200.57	30136.07	2.70	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	29024.13	30122.20	27558.84	28901.72	4.45	ppb
Iron	54-2	31865.72	32055.47	28441.39	30787.53	6.61	ppb
Krypton	83-1						cps
Lead	206-1	2472.86	2615.85	2623.02	2570.58	3.30	ppb
Lead	207-1	2558.05	2549.41	2664.85	2590.77	2.48	ppb
Lead	208-1	2512.06	2617.94	2606.60	2578.86	2.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	60464.07	59087.62	57323.17	58958.28	2.67	ppb
Manganese	55-2	5588.07	5730.21	5264.82	5527.70	4.31	ppb
Molybdenum	94-1	5014.60	5207.30	5180.86	5134.25	2.03	ppb
Molybdenum	95-1	4871.75	5196.12	5108.77	5058.88	3.32	ppb
Molybdenum	96-1	4942.58	5291.60	5286.23	5173.47	3.87	ppb
Molybdenum	97-1	4936.30	5306.13	5349.23	5197.22	4.37	ppb
Molybdenum	98-1	4791.03	5077.99	5248.81	5039.28	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.54	575.75	526.25	549.85	4.52	ppb
Phosphorus	31-2	11143.22	10982.12	10625.10	10916.82	2.43	ppb
Potassium	39-2	26954.92	28149.88	26591.59	27232.13	2.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				80		%
Scandium	45-1				94		%
Scandium	45-2				81		%
Selenium	77-2	615.91	590.78	604.01	603.57	2.08	ppb
Selenium	78-2	584.11	566.42	539.80	563.44	3.96	ppb
Selenium	82-1	504.24	537.94	527.53	523.24	3.30	ppb
Silicon	28-1	421.53	432.85	428.97	427.79	1.35	ppb
Silver	107-1	521.63	531.26	529.36	527.42	0.97	ppb
Silver	109-1	505.83	546.63	518.91	523.79	3.98	ppb
Sodium	23-2	58428.59	56845.34	55997.74	57090.56	2.16	ppb
Strontium	86-1	12630.36	13099.46	12966.50	12898.77	1.87	ppb
Strontium	88-1	12818.66	13135.90	12888.94	12947.83	1.29	ppb
Sulfur	34-1	11940.00	12374.38	11889.44	12067.94	2.21	ppb
Terbium	159-1				103		%
Terbium	159-2				87		%
Thallium	203-1	487.54	515.55	513.62	505.57	3.10	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	495.84	520.59	506.77	507.73	2.44	ppb
Tin	118-1	506.03	528.38	532.80	522.40	2.75	ppb
Titanium	47-1	4920.64	5161.28	5105.70	5062.54	2.49	ppb
Uranium	238-1	483.48	525.84	513.26	507.53	4.29	ppb
Vanadium	51-2	539.32	542.10	510.26	530.56	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				81		%
Zinc	66-2	5563.85	5833.57	5367.98	5588.47	4.18	ppb
Zirconium	90-1	491.88	516.14	509.21	505.74	2.47	ppb
Zirconium	91-1	489.17	521.11	504.34	504.87	3.16	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22879.53	23684.34	22982.37	23182.08	1.89	ppb
Antimony	121-1	988.60	997.05	958.36	981.34	2.07	ppb
Arsenic	75-2	959.61	991.41	965.00	972.01	1.75	ppb
Barium	135-1	5102.50	5168.55	4648.34	4973.13	5.69	ppb
Barium	137-1	5042.78	5070.76	4702.46	4938.67	4.15	ppb
Beryllium	9-1	989.24	988.95	958.25	978.81	1.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	1006.33	1040.08	1046.59	1031.00	2.10	ppb
Boron	11-1	1000.02	1042.91	1036.45	1026.46	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	995.64	1004.28	956.24	985.39	2.60	ppb
Cadmium	106-1	996.99	1016.19	943.92	985.70	3.80	ppb
Cadmium	108-1	997.87	1007.82	946.37	984.02	3.35	ppb
Calcium	43-1	114597.72	114093.27	105426.47	111372.49	4.63	ppb
Calcium	44-1	105527.65	103926.35	96992.04	102148.68	4.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	955.19	1008.92	1007.18	990.43	3.08	ppb
Cobalt	59-2	955.26	1016.81	968.27	980.11	3.31	ppb
Copper	63-1	9968.96	10075.11	9519.54	9854.54	2.99	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
Gold	197-1	1820.67	913.52	913.82	1216.00	43.06	ppb
Gold	197-2	1139.08	730.99	867.20	912.42	22.77	ppb
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	53111.10	55913.55	52901.95	53975.53	3.12	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	53675.46	57001.24	54265.80	54980.83	3.23	ppb
Iron	54-2	52704.72	55492.08	53635.75	53944.18	2.63	ppb
Krypton	83-1						cps
Lead	206-1	5063.04	5035.30	4804.30	4967.55	2.86	ppb
Lead	207-1	5120.79	4824.23	4921.62	4955.55	3.05	ppb
Lead	208-1	5111.30	4908.65	4867.94	4962.63	2.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	105312.75	107622.66	102753.00	105229.47	2.31	ppb
Manganese	55-2	9573.47	9846.80	9757.90	9726.06	1.43	ppb
Molybdenum	94-1	9896.60	9891.04	9890.20	9892.61	0.04	ppb
Molybdenum	95-1	9990.44	9879.00	9944.21	9937.88	0.56	ppb
Molybdenum	96-1	10129.78	9885.60	9612.68	9876.02	2.62	ppb
Molybdenum	97-1	9895.19	9693.30	9981.35	9856.61	1.50	ppb
Molybdenum	98-1	10003.37	9888.61	9953.89	9948.62	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	958.50	996.77	967.30	974.19	2.06	ppb
Phosphorus	31-2	19261.54	20346.53	18977.96	19528.68	3.70	ppb
Potassium	39-2	48735.48	52375.51	50103.58	50404.86	3.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	954.34	921.75	960.83	945.64	2.21	ppb
Selenium	78-2	959.43	992.05	948.40	966.63	2.35	ppb
Selenium	82-1	1007.95	967.75	968.36	981.35	2.35	ppb
Silicon	28-1	1056.56	1053.20	1025.97	1045.24	1.60	ppb
Silver	107-1	987.04	1023.17	923.67	977.96	5.15	ppb
Silver	109-1	974.75	1025.09	939.78	979.87	4.38	ppb
Sodium	23-2	102129.41	107228.22	102058.33	103805.32	2.86	ppb
Strontium	86-1	24448.75	24770.63	24850.72	24690.04	0.86	ppb
Strontium	88-1	25323.04	24517.85	24187.36	24676.09	2.37	ppb
Sulfur	34-1	19194.56	18719.98	17701.72	18538.75	4.11	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	995.10	1018.28	990.81	1001.40	1.48	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1005.17	1023.99	961.19	996.79	3.23	ppb
Tin	118-1	1008.90	1011.03	938.82	986.25	4.17	ppb
Titanium	47-1	10281.46	9966.31	9558.65	9935.47	3.65	ppb
Uranium	238-1	1029.13	990.27	973.58	997.66	2.86	ppb
Vanadium	51-2	942.43	1021.73	1000.46	988.21	4.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	9566.07	9904.77	9627.35	9699.40	1.86	ppb
Zirconium	90-1	1012.48	995.88	970.08	992.81	2.15	ppb
Zirconium	91-1	1017.21	989.49	983.25	996.65	1.81	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:03:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98886.68	98483.29	99931.95	99100.64	0.75	ppb
Antimony	121-1	0.97	0.82	0.96	0.91	9.26	ppb
Arsenic	75-2	0.73	0.63	0.67	0.68	7.57	ppb
Barium	135-1	2.98	2.06	2.15	2.39	21.11	ppb
Barium	137-1	3.04	2.10	2.36	2.50	19.39	ppb
Beryllium	9-1	0.20	0.16	0.16	0.17	13.23	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	96.95	74.88	71.19	81.01	17.20	ppb
Boron	11-1	101.78	77.58	74.59	84.65	17.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.17	0.35	0.20	69.91	ppb
Cadmium	106-1	-0.76	0.68	1.98	0.63	215.98	ppb
Cadmium	108-1	1.07	0.63	0.44	0.71	45.17	ppb
Calcium	43-1	589268.61	446539.82	455198.63	497002.35	16.10	ppb
Calcium	44-1	584468.81	455243.46	458670.74	499461.00	14.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.62	2.50	2.61	2.58	2.54	ppb
Cobalt	59-2	3.57	3.43	3.67	3.56	3.48	ppb
Copper	63-1	20.38	15.45	15.90	17.24	15.82	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
Gold	197-1	4.05	-144.45	90.46	-16.65		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	249929.22	245088.34	250791.75	248603.10	1.24	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:03:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	251378.16	247270.75	247042.01	248563.64	0.98	ppb
Iron	54-2	246953.33	243919.16	254838.88	248570.46	2.27	ppb
Krypton	83-1						cps
Lead	206-1	1.16	0.85	0.83	0.94	19.74	ppb
Lead	207-1	1.34	0.82	0.86	1.01	28.62	ppb
Lead	208-1	1.24	0.83	0.88	0.98	22.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	496286.62	494033.87	503443.79	497921.43	0.99	ppb
Manganese	55-2	5.49	5.34	5.40	5.41	1.40	ppb
Molybdenum	94-1	5.11	3.40	3.84	4.12	21.53	ppb
Molybdenum	95-1	4.11	2.73	2.69	3.18	25.41	ppb
Molybdenum	96-1	10.01	7.54	7.32	8.29	18.06	ppb
Molybdenum	97-1	4.46	2.97	2.81	3.41	26.62	ppb
Molybdenum	98-1	3.97	2.79	2.71	3.15	22.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.79	3.62	3.49	3.63	4.05	ppb
Phosphorus	31-2	-8.63	-7.97	-29.74	-15.45		ppb
Potassium	39-2	251093.82	248576.27	249321.26	249663.78	0.52	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.67	2.07	0.91	115.82	ppb
Selenium	78-2	0.00	1.35	0.36	0.57	121.65	ppb
Selenium	82-1	1.92	1.51	1.13	1.52	26.06	ppb
Silicon	28-1	43.92	31.95	33.50	36.46	17.86	ppb
Silver	107-1	0.39	0.28	0.31	0.33	17.10	ppb
Silver	109-1	0.43	0.32	0.34	0.36	15.76	ppb
Sodium	23-2	500670.24	498524.81	496143.62	498446.22	0.45	ppb
Strontium	86-1	9.13	6.23	6.76	7.37	20.93	ppb
Strontium	88-1	8.93	6.34	6.55	7.28	19.77	ppb
Sulfur	34-1	71.57	-1703.02	-1503.32	-1044.92		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.41	0.34	0.36	0.37	10.03	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:03:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.50	0.31	0.32	0.38	27.42	ppb
Tin	118-1	0.97	0.59	0.63	0.73	28.44	ppb
Titanium	47-1	1.79	1.07	1.32	1.39	26.06	ppb
Uranium	238-1	0.13	0.06	0.08	0.09	35.05	ppb
Vanadium	51-2	0.38	0.36	0.41	0.38	6.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	6.21	5.90	6.54	6.22	5.15	ppb
Zirconium	90-1	0.65	0.44	0.42	0.50	24.88	ppb
Zirconium	91-1	0.51	0.39	0.37	0.43	17.86	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	610.35	583.60	593.29	595.75	2.27	ppb
Antimony	121-1	210.65	192.48	206.97	203.37	4.72	ppb
Arsenic	75-2	218.88	205.19	210.60	211.56	3.26	ppb
Barium	135-1	100.17	89.96	100.14	96.76	6.08	ppb
Barium	137-1	106.46	94.75	105.20	102.14	6.29	ppb
Beryllium	9-1	110.56	96.44	106.05	104.35	6.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	14.67	12.21	13.22	13.37	9.26	ppb
Boron	11-1	15.05	12.69	13.67	13.80	8.58	ppb
Bromine	81-1						cps
Cadmium	111-1	110.47	96.97	109.75	105.73	7.18	ppb
Cadmium	106-1	83.59	77.98	80.33	80.63	3.49	ppb
Cadmium	108-1	92.95	84.39	90.02	89.12	4.88	ppb
Calcium	43-1	1912.06	1757.26	1919.82	1863.05	4.92	ppb
Calcium	44-1	1900.36	1774.82	1907.70	1860.96	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.43	98.33	101.53	101.43	3.01	ppb
Cobalt	59-2	105.16	101.10	99.69	101.98	2.79	ppb
Copper	63-1	94.19	87.88	93.69	91.92	3.82	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
Gold	197-1	68.92	-144.45	-144.45	-73.33		ppb
Gold	197-2	9.16	-16.94	-16.94	-8.24		ppb
Holmium	165-1				107		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	2277.13	2257.09	2204.67	2246.30	1.67	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2124.05	2109.76	2072.92	2102.24	1.25	ppb
Iron	54-2	2296.27	2146.13	2199.61	2214.00	3.44	ppb
Krypton	83-1						cps
Lead	206-1	206.40	186.71	199.27	197.46	5.05	ppb
Lead	207-1	197.70	174.13	186.89	186.24	6.33	ppb
Lead	208-1	204.76	186.37	199.52	196.88	4.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	1339.31	1233.77	1261.55	1278.21	4.28	ppb
Manganese	55-2	105.02	99.10	99.29	101.14	3.33	ppb
Molybdenum	94-1	0.23	0.19	0.27	0.23	16.95	ppb
Molybdenum	95-1	0.26	0.19	0.19	0.21	19.73	ppb
Molybdenum	96-1	0.26	0.23	0.29	0.26	9.83	ppb
Molybdenum	97-1	0.24	0.14	0.23	0.21	26.18	ppb
Molybdenum	98-1	0.22	0.20	0.25	0.22	10.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.87	105.08	103.71	106.22	3.04	ppb
Phosphorus	31-2	-9.29	3.97	3.07	-0.75		ppb
Potassium	39-2	2061.99	1932.43	1976.02	1990.15	3.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	206.80	222.06	205.02	211.30	4.43	ppb
Selenium	78-2	215.14	216.53	206.32	212.66	2.60	ppb
Selenium	82-1	215.91	196.42	229.36	213.89	7.74	ppb
Silicon	28-1	-0.16	-1.86	-0.01	-0.68		ppb
Silver	107-1	54.95	49.67	54.01	52.88	5.32	ppb
Silver	109-1	54.32	49.50	53.94	52.59	5.10	ppb
Sodium	23-2	2152.81	2061.20	2081.11	2098.37	2.30	ppb
Strontium	86-1	0.23	0.14	0.31	0.23	39.37	ppb
Strontium	88-1	0.26	0.25	0.30	0.27	10.53	ppb
Sulfur	34-1	-986.51	-1383.13	-1001.82	-1123.82		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	202.67	189.74	205.27	199.23	4.18	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	224.51	196.81	220.48	213.93	7.00	ppb
Tin	118-1	-0.09	-0.09	-0.02	-0.07		ppb
Titanium	47-1	0.03	0.06	0.04	0.04	36.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	100.05	94.66	95.80	96.84	2.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	211.25	201.46	202.16	204.95	2.66	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	86.83	ppb
Zirconium	91-1	0.07	0.04	0.09	0.07	38.59	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:22:20	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.74	-0.36	-0.57	-0.56		ppb
Antimony	121-1	0.00	0.03	0.04	0.02	69.80	ppb
Arsenic	75-2	0.00	0.00	0.02	0.01	145.07	ppb
Barium	135-1	0.02	0.01	0.01	0.01	41.50	ppb
Barium	137-1	0.00	-0.03	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	6.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	7.91	7.73	8.32	7.99	3.75	ppb
Boron	11-1	8.71	8.24	8.25	8.40	3.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.02	-0.05	-0.03		ppb
Cadmium	106-1	-0.68	0.38	-0.62	-0.31		ppb
Cadmium	108-1	-0.11	0.13	0.08	0.04	349.10	ppb
Calcium	43-1	0.41	0.13	-0.28	0.09	391.43	ppb
Calcium	44-1	0.12	-1.40	-1.07	-0.79		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.01	0.01	106.09	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-1	0.11	0.09	0.15	0.11	26.49	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
Gold	197-1	-144.45	-144.45	60.20	-76.24		ppb
Gold	197-2	9.51	-16.94	-16.94	-8.12		ppb
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	0.03	0.08	0.02	0.04	74.44	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:22:20	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2.64	-0.60	-0.34	0.57	317.28	ppb
Iron	54-2	0.43	0.13	0.70	0.42	68.44	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	52.99	ppb
Lead	207-1	0.01	0.02	0.02	0.02	54.98	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.49	-0.04	0.05	0.17	169.94	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.07	0.10	0.11	0.09	18.95	ppb
Molybdenum	95-1	0.10	0.11	0.06	0.09	27.76	ppb
Molybdenum	96-1	0.08	0.08	0.05	0.07	27.10	ppb
Molybdenum	97-1	0.10	0.05	0.09	0.08	37.95	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	8.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	44344.42	ppb
Phosphorus	31-2	-24.72	-15.26	-40.39	-26.79		ppb
Potassium	39-2	9.66	9.16	5.46	8.10	28.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	-0.77	0.61	0.15	544.47	ppb
Selenium	82-1	-0.09	-0.37	0.21	-0.09		ppb
Silicon	28-1	0.88	-0.99	-0.90	-0.34		ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.00	ppb
Silver	109-1	0.02	0.01	0.00	0.01	64.22	ppb
Sodium	23-2	15.59	13.96	14.82	14.79	5.50	ppb
Strontium	86-1	-0.05	-0.05	-0.02	-0.04		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	185.33	ppb
Sulfur	34-1	-463.12	-921.54	-694.26	-692.97		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.00	0.00	58.70	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:22:20	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.02	0.00	0.01	0.01	80.63	ppb
Tin	118-1	-0.01	-0.09	0.01	-0.03		ppb
Titanium	47-1	-0.02	0.06	-0.01	0.01	592.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	72.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	-0.47	-0.50	-0.41	-0.46		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	167.93	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	4905.96	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131375.58	119804.75	93923.26	115034.53	16.67	ppb
Antimony	121-1	1.29	1.03	0.97	1.10	15.80	ppb
Arsenic	75-2	0.39	0.29	0.29	0.32	17.40	ppb
Barium	135-1	1.54	1.34	0.94	1.27	24.08	ppb
Barium	137-1	1.64	1.48	1.13	1.42	18.60	ppb
Beryllium	9-1	0.31	0.25	0.23	0.27	15.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				86		%
Boron	10-1	7.88	6.71	6.18	6.92	12.55	ppb
Boron	11-1	8.26	7.11	6.40	7.26	12.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.30	0.21	0.25	19.97	ppb
Cadmium	106-1	-3.56	-1.03	-2.31	-2.30		ppb
Cadmium	108-1	13.23	11.27	8.65	11.05	20.77	ppb
Calcium	43-1	101656.11	88604.62	78724.89	89661.87	12.83	ppb
Calcium	44-1	99701.37	89791.16	77433.32	88975.29	12.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.39	20.72	16.37	20.16	17.58	ppb
Cobalt	59-2	1.30	1.18	0.95	1.14	15.34	ppb
Copper	63-1	11.79	10.44	9.12	10.45	12.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	218.65	-144.45	42.15	38.78	468.17	ppb
Gold	197-2	18.03	-16.94	-16.94	-5.28		ppb
Holmium	165-1				117		%
Holmium	165-2				96		%
Indium	115-1				109		%
Indium	115-2				88		%
Iron	56-2	131031.01	113669.10	89980.01	111560.04	18.47	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	123867.41	112877.90	88368.10	108371.14	16.77	ppb
Iron	54-2	125162.37	110417.49	88857.87	108145.91	16.88	ppb
Krypton	83-1						cps
Lead	206-1	5.61	4.57	4.35	4.84	13.91	ppb
Lead	207-1	5.17	4.25	4.04	4.49	13.43	ppb
Lead	208-1	5.28	4.41	4.05	4.58	13.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	122761.38	112015.04	87109.74	107295.39	17.04	ppb
Manganese	55-2	8.82	8.12	6.37	7.77	16.25	ppb
Molybdenum	94-1	1776.71	1464.09	1331.52	1524.11	15.00	ppb
Molybdenum	95-1	2197.63	1786.55	1605.76	1863.31	16.28	ppb
Molybdenum	96-1	2117.61	1744.04	1540.03	1800.56	16.27	ppb
Molybdenum	97-1	2174.37	1785.76	1620.01	1860.05	15.30	ppb
Molybdenum	98-1	2133.12	1760.56	1574.35	1822.68	15.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.46	5.78	4.41	5.55	18.81	ppb
Phosphorus	31-2	116120.93	104350.24	82457.35	100976.18	16.92	ppb
Potassium	39-2	120187.03	108177.33	86144.49	104836.28	16.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				85		%
Scandium	45-1				105		%
Scandium	45-2				91		%
Selenium	77-2	0.80	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	1.67	1.10	-0.21	0.85	112.69	ppb
Selenium	82-1	0.48	0.41	0.21	0.37	39.11	ppb
Silicon	28-1	7.62	3.67	0.43	3.90	92.24	ppb
Silver	107-1	0.02	0.01	0.02	0.02	18.27	ppb
Silver	109-1	0.03	0.02	0.02	0.03	12.23	ppb
Sodium	23-2	124899.70	111880.41	87978.51	108252.87	17.30	ppb
Strontium	86-1	36.15	31.43	28.72	32.10	11.72	ppb
Strontium	88-1	37.57	31.15	28.48	32.40	14.43	ppb
Sulfur	34-1	100320.16	85717.00	73030.14	86355.77	15.81	ppb
Terbium	159-1				113		%
Terbium	159-2				94		%
Thallium	203-1	0.24	0.18	0.15	0.19	25.06	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.22	0.20	0.16	0.19	16.52	ppb
Tin	118-1	0.15	0.17	0.15	0.16	8.05	ppb
Titanium	47-1	2188.58	1954.82	1676.44	1939.95	13.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.99	ppb
Vanadium	51-2	0.19	0.17	0.14	0.17	14.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				89		%
Zinc	66-2	12.75	10.76	7.98	10.50	22.82	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	47.46	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	193.18	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112882.62	107438.56	106227.64	108849.61	3.26	ppb
Antimony	121-1	20.45	22.05	22.88	21.80	5.67	ppb
Arsenic	75-2	20.72	20.57	19.73	20.34	2.62	ppb
Barium	135-1	19.53	20.93	22.18	20.88	6.36	ppb
Barium	137-1	21.61	22.30	22.51	22.14	2.15	ppb
Beryllium	9-1	19.89	20.45	21.81	20.71	4.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	5.75	5.78	6.31	5.95	5.30	ppb
Boron	11-1	6.38	6.39	6.77	6.51	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	18.94	20.57	21.13	20.21	5.61	ppb
Cadmium	106-1	12.58	13.81	14.09	13.49	5.96	ppb
Cadmium	108-1	25.99	27.23	27.18	26.80	2.61	ppb
Calcium	43-1	89236.72	96960.75	97679.01	94625.49	4.95	ppb
Calcium	44-1	87987.28	95389.41	95930.40	93102.37	4.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.16	37.66	36.98	37.60	1.57	ppb
Cobalt	59-2	20.67	19.12	19.04	19.61	4.68	ppb
Copper	63-1	26.40	28.41	29.69	28.16	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-37.99	73.41	-144.45	-36.35		ppb
Gold	197-2	13.09	-16.94	-16.94	-6.93		ppb
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	105451.82	101672.98	103557.87	103560.89	1.82	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	105549.31	103213.90	99550.66	102771.29	2.94	ppb
Iron	54-2	107425.98	102740.25	100219.70	103461.98	3.53	ppb
Krypton	83-1						cps
Lead	206-1	23.31	23.79	25.04	24.04	3.71	ppb
Lead	207-1	21.32	22.43	23.64	22.46	5.16	ppb
Lead	208-1	22.23	22.94	24.13	23.10	4.16	ppb
Lithium	6-1				98		%
Magnesium	24-2	104332.16	99037.20	97303.09	100224.15	3.65	ppb
Manganese	55-2	26.93	25.77	25.56	26.09	2.83	ppb
Molybdenum	94-1	1585.42	1694.89	1636.47	1638.93	3.34	ppb
Molybdenum	95-1	1876.27	2006.46	2049.39	1977.37	4.56	ppb
Molybdenum	96-1	1856.34	1956.03	1968.86	1927.08	3.20	ppb
Molybdenum	97-1	1943.38	2026.87	2065.76	2012.00	3.11	ppb
Molybdenum	98-1	1841.80	1986.88	2066.20	1964.96	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.23	24.09	24.49	24.60	2.35	ppb
Phosphorus	31-2	97240.72	93671.00	90674.15	93861.95	3.50	ppb
Potassium	39-2	98213.13	97319.39	97105.91	97546.14	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	20.49	20.78	13.83	18.37	21.41	ppb
Selenium	78-2	21.25	21.05	18.87	20.39	6.49	ppb
Selenium	82-1	20.41	21.50	22.35	21.42	4.54	ppb
Silicon	28-1	3.84	5.57	7.71	5.71	33.93	ppb
Silver	107-1	18.06	19.62	21.00	19.56	7.53	ppb
Silver	109-1	18.53	19.83	20.64	19.66	5.40	ppb
Sodium	23-2	102936.87	102063.07	98721.89	101240.61	2.20	ppb
Strontium	86-1	34.28	35.48	37.15	35.64	4.05	ppb
Strontium	88-1	33.49	35.42	36.36	35.09	4.17	ppb
Sulfur	34-1	85410.52	93154.67	96865.98	91810.39	6.37	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	19.29	19.82	20.66	19.93	3.46	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	20.32	20.09	21.68	20.69	4.15	ppb
Tin	118-1	0.35	0.42	0.48	0.42	16.01	ppb
Titanium	47-1	1878.09	2157.13	2135.36	2056.86	7.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.65	ppb
Vanadium	51-2	19.16	18.48	19.09	18.91	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	27.76	26.38	27.95	27.36	3.15	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	21.43	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	75.27	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58789.74	58284.73	57668.35	58247.60	0.96	ppb
Antimony	121-1	526.07	501.84	520.61	516.18	2.46	ppb
Arsenic	75-2	486.47	472.66	475.37	478.17	1.53	ppb
Barium	135-1	2632.37	2520.63	2647.52	2600.17	2.67	ppb
Barium	137-1	2711.28	2640.10	2651.59	2667.66	1.43	ppb
Beryllium	9-1	506.86	529.62	524.26	520.25	2.29	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	494.39	530.25	548.90	524.51	5.28	ppb
Boron	11-1	495.06	534.85	554.03	527.98	5.70	ppb
Bromine	81-1						cps
Cadmium	111-1	484.63	482.56	479.74	482.31	0.51	ppb
Cadmium	106-1	491.35	496.66	489.88	492.63	0.72	ppb
Cadmium	108-1	487.94	486.09	498.88	490.97	1.41	ppb
Calcium	43-1	242873.86	245547.67	243956.61	244126.05	0.55	ppb
Calcium	44-1	240437.21	246865.17	235241.06	240847.81	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.12	478.20	486.56	487.29	1.95	ppb
Cobalt	59-2	508.08	503.01	483.46	498.18	2.61	ppb
Copper	63-1	5074.57	5183.57	5191.00	5149.71	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	82.26	91.67	540.17	238.03	109.94	ppb
Gold	197-2	419.64	660.77	688.47	589.63	25.08	ppb
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				88		%
Iron	56-2	133075.34	129538.17	131645.49	131419.67	1.35	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	133280.08	131454.16	129636.52	131456.92	1.39	ppb
Iron	54-2	133148.89	131906.50	130208.83	131754.74	1.12	ppb
Krypton	83-1						cps
Lead	206-1	2605.66	2678.73	2669.65	2651.34	1.50	ppb
Lead	207-1	2567.29	2673.98	2670.97	2637.41	2.30	ppb
Lead	208-1	2663.84	2673.65	2639.08	2658.86	0.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	271312.12	263586.11	261429.44	265442.56	1.96	ppb
Manganese	55-2	5037.22	4907.71	5057.75	5000.89	1.63	ppb
Molybdenum	94-1	5363.58	5457.33	5204.96	5341.96	2.39	ppb
Molybdenum	95-1	5151.45	5217.04	5168.06	5178.85	0.66	ppb
Molybdenum	96-1	5176.11	5247.72	5009.42	5144.42	2.38	ppb
Molybdenum	97-1	5263.99	5237.43	5157.59	5219.67	1.06	ppb
Molybdenum	98-1	5099.38	5051.35	5232.67	5127.80	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.16	461.56	469.25	469.33	1.66	ppb
Phosphorus	31-2	10191.80	9963.59	10122.17	10092.52	1.16	ppb
Potassium	39-2	130842.06	126815.57	128288.58	128648.74	1.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				85		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	481.02	474.78	479.36	478.39	0.68	ppb
Selenium	78-2	479.63	470.81	473.40	474.61	0.95	ppb
Selenium	82-1	482.64	487.04	486.41	485.36	0.49	ppb
Silicon	28-1	581.82	588.76	608.36	592.98	2.32	ppb
Silver	107-1	501.07	496.44	508.44	501.98	1.20	ppb
Silver	109-1	484.60	494.25	504.33	494.40	2.00	ppb
Sodium	23-2	266758.43	260216.13	264759.57	263911.38	1.27	ppb
Strontium	86-1	13025.87	13442.98	13217.62	13228.82	1.58	ppb
Strontium	88-1	12440.48	13377.42	13123.18	12980.36	3.73	ppb
Sulfur	34-1	11525.61	11738.90	11028.16	11430.89	3.19	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	520.79	529.95	520.24	523.66	1.04	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	529.51	548.04	527.86	535.14	2.09	ppb
Tin	118-1	527.90	529.18	516.02	524.36	1.38	ppb
Titanium	47-1	5242.66	5103.28	4996.49	5114.15	2.41	ppb
Uranium	238-1	572.73	559.24	559.89	563.95	1.35	ppb
Vanadium	51-2	498.21	487.02	499.88	495.04	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	4751.08	4790.20	4901.96	4814.41	1.63	ppb
Zirconium	90-1	517.10	546.64	508.37	524.03	3.83	ppb
Zirconium	91-1	502.78	527.01	511.45	513.75	2.39	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.68	2.34	3.38	2.80	18.88	ppb
Antimony	121-1	0.01	0.02	0.04	0.02	66.46	ppb
Arsenic	75-2	-0.01	0.00	0.04	0.01	261.26	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.03	-0.03	-0.02		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	58.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	3.49	3.55	3.49	3.51	0.97	ppb
Boron	11-1	3.62	3.56	3.71	3.63	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.14	-0.16	-0.16		ppb
Cadmium	106-1	-2.54	-1.78	-2.36	-2.22		ppb
Cadmium	108-1	-0.14	0.03	-0.28	-0.13		ppb
Calcium	43-1	0.16	-0.74	2.23	0.55	276.79	ppb
Calcium	44-1	-0.57	0.70	0.49	0.21	330.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.05	0.03	0.00	2792.51	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-1	0.21	0.23	0.25	0.23	9.87	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
Gold	197-1	-144.45	-40.94	-144.45	-109.95		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	0.03	-0.16	0.16	0.01	1385.06	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1.43	-1.22	1.24	0.48	307.05	ppb
Iron	54-2	0.68	-0.21	0.45	0.30	152.83	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.00	0.01	140.15	ppb
Lead	207-1	0.02	-0.01	0.02	0.01	234.94	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.15	0.15	-0.08	0.07	181.80	ppb
Manganese	55-2	-0.01	-0.05	-0.02	-0.03		ppb
Molybdenum	94-1	0.09	0.06	0.07	0.08	16.85	ppb
Molybdenum	95-1	0.11	0.10	0.06	0.09	28.65	ppb
Molybdenum	96-1	0.11	0.08	0.05	0.08	36.78	ppb
Molybdenum	97-1	0.11	0.09	0.08	0.09	17.27	ppb
Molybdenum	98-1	0.12	0.05	0.07	0.08	41.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.03	0.02	102.60	ppb
Phosphorus	31-2	-7.40	-35.74	-4.07	-15.73		ppb
Potassium	39-2	7.61	-4.60	20.41	7.81	160.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.59	0.67	0.42	87.06	ppb
Selenium	78-2	-0.74	-0.03	-0.03	-0.27		ppb
Selenium	82-1	0.01	0.37	0.10	0.16	117.75	ppb
Silicon	28-1	-1.45	-1.15	-0.64	-1.08		ppb
Silver	107-1	0.00	0.00	0.01	0.00	75.38	ppb
Silver	109-1	0.00	0.00	0.00	0.00	77.55	ppb
Sodium	23-2	15.48	4.51	16.76	12.25	54.97	ppb
Strontium	86-1	0.04	0.02	0.05	0.04	53.02	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	162.30	ppb
Sulfur	34-1	-876.13	-501.75	-337.92	-571.93		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.11	0.08	0.10	22.24	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.11	0.09	0.09	0.09	11.70	ppb
Tin	118-1	-0.08	-0.01	-0.06	-0.05		ppb
Titanium	47-1	-0.02	0.02	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.30	-0.58	-0.24	-0.37		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	40.16	ppb
Zirconium	91-1	0.00	0.00	-0.02	-0.01		ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.92	20.45	24.12	22.16	8.32	ppb
Antimony	121-1	2.07	2.11	2.16	2.11	2.05	ppb
Arsenic	75-2	1.04	0.93	1.21	1.06	13.26	ppb
Barium	135-1	9.25	9.42	9.42	9.36	1.02	ppb
Barium	137-1	10.39	10.09	10.29	10.26	1.50	ppb
Beryllium	9-1	1.08	1.14	1.07	1.10	3.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	16.90	17.66	17.99	17.52	3.19	ppb
Boron	11-1	17.41	18.73	18.12	18.08	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.88	1.11	1.01	11.64	ppb
Cadmium	106-1	0.73	-0.73	0.63	0.21	387.25	ppb
Cadmium	108-1	0.80	0.87	0.78	0.82	5.30	ppb
Calcium	43-1	471.76	476.36	466.30	471.48	1.07	ppb
Calcium	44-1	478.30	475.77	456.84	470.30	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.84	2.09	1.96	6.28	ppb
Cobalt	59-2	1.01	0.92	1.10	1.01	8.56	ppb
Copper	63-1	2.14	2.16	2.14	2.15	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
Gold	197-1	-42.48	170.30	-42.50	28.44	432.02	ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	52.62	49.74	57.27	53.21	7.14	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	51.98	48.14	57.46	52.53	8.92	ppb
Iron	54-2	50.54	47.45	60.21	52.73	12.62	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.97	0.90	0.91	6.21	ppb
Lead	207-1	0.87	0.99	0.94	0.93	6.54	ppb
Lead	208-1	0.89	0.95	0.90	0.91	3.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	549.21	504.77	583.59	545.86	7.24	ppb
Manganese	55-2	1.00	1.04	1.10	1.05	4.80	ppb
Molybdenum	94-1	6.20	6.43	6.47	6.37	2.29	ppb
Molybdenum	95-1	5.00	5.01	5.32	5.11	3.55	ppb
Molybdenum	96-1	5.28	5.21	5.38	5.29	1.55	ppb
Molybdenum	97-1	5.11	5.30	5.52	5.31	3.86	ppb
Molybdenum	98-1	5.09	5.01	5.08	5.06	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.97	1.12	1.08	9.48	ppb
Phosphorus	31-2	-18.91	-16.00	13.02	-7.30		ppb
Potassium	39-2	523.78	470.24	554.17	516.06	8.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	5.15	7.90	6.70	6.58	20.95	ppb
Selenium	78-2	4.38	5.37	7.07	5.61	24.26	ppb
Selenium	82-1	5.59	5.72	5.46	5.59	2.32	ppb
Silicon	28-1	0.86	1.44	0.69	0.99	39.60	ppb
Silver	107-1	1.05	1.15	1.19	1.13	6.51	ppb
Silver	109-1	1.06	1.08	1.13	1.09	3.50	ppb
Sodium	23-2	526.07	484.81	556.83	522.57	6.92	ppb
Strontium	86-1	1.02	0.99	1.01	1.01	1.61	ppb
Strontium	88-1	1.00	1.00	0.98	0.99	0.98	ppb
Sulfur	34-1	-438.97	-246.91	-370.17	-352.02		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	1.02	1.03	1.00	1.02	1.59	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1.04	1.07	1.01	1.04	2.68	ppb
Tin	118-1	5.02	5.19	5.30	5.17	2.72	ppb
Titanium	47-1	5.37	5.10	5.31	5.26	2.68	ppb
Uranium	238-1	0.94	0.93	0.89	0.92	2.98	ppb
Vanadium	51-2	5.10	4.45	5.08	4.88	7.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	2.07	1.74	2.24	2.02	12.48	ppb
Zirconium	90-1	1.02	1.02	1.00	1.01	1.38	ppb
Zirconium	91-1	0.90	0.95	0.97	0.94	3.78	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BL	Instrumnet Name :	P8
Client Sample ID :	PB147784BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:59:22	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.86	-0.82	-0.85	-0.84		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	233.17	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.00	0.00	0.00	0.00	266.30	ppb
Barium	137-1	-0.02	-0.02	0.01	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	47.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	3.77	3.20	3.24	3.40	9.27	ppb
Boron	11-1	4.20	3.43	3.45	3.69	11.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.22	0.00	0.10	114.50	ppb
Cadmium	106-1	0.69	2.66	0.00	1.11	123.84	ppb
Cadmium	108-1	-0.29	-0.17	-0.05	-0.17		ppb
Calcium	43-1	-0.57	-1.36	0.52	-0.47		ppb
Calcium	44-1	2.04	-0.80	-0.04	0.40	367.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.06	0.04	0.03	140.65	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	346.81	ppb
Copper	63-1	0.21	0.13	0.15	0.16	23.94	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
Gold	197-1	-144.45	-144.45	-144.45	-144.45		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	0.06	0.10	-0.01	0.05	114.57	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BL	Instrumnet Name :	P8
Client Sample ID :	PB147784BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:59:22	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	0.96	0.56	0.40	0.64	44.89	ppb
Iron	54-2	1.11	1.44	0.77	1.11	30.63	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	206.53	ppb
Lead	207-1	0.04	0.01	0.03	0.03	71.30	ppb
Lead	208-1	0.03	0.01	0.02	0.02	57.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.08	0.02	-0.13	-0.01		ppb
Manganese	55-2	-0.03	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.09	0.09	0.07	0.08	18.04	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	7.13	ppb
Molybdenum	96-1	0.09	0.05	0.05	0.06	34.95	ppb
Molybdenum	97-1	0.07	0.05	0.04	0.05	22.68	ppb
Molybdenum	98-1	0.07	0.09	0.06	0.07	19.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.07	0.03	0.02	221.25	ppb
Phosphorus	31-2	-33.83	-31.68	-27.96	-31.16		ppb
Potassium	39-2	10.92	6.59	14.20	10.57	36.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	1.27	-0.23	0.20	453.31	ppb
Selenium	82-1	-0.65	0.20	0.13	-0.10		ppb
Silicon	28-1	2.15	-1.64	-0.83	-0.11		ppb
Silver	107-1	0.01	0.01	0.01	0.01	50.18	ppb
Silver	109-1	0.01	0.01	0.02	0.01	45.85	ppb
Sodium	23-2	14.01	14.17	14.44	14.21	1.55	ppb
Strontium	86-1	0.08	-0.03	0.04	0.03	179.20	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	44.97	ppb
Sulfur	34-1	309.73	-691.50	-112.37	-164.71		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.07	0.08	0.08	9.81	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BL	Instrumnet Name :	P8
Client Sample ID :	PB147784BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:59:22	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.08	0.06	0.07	0.07	17.54	ppb
Tin	118-1	0.05	0.00	-0.01	0.01	281.96	ppb
Titanium	47-1	0.01	-0.04	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	75.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	-0.47	-0.48	-0.31	-0.42		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	89.14	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	38.47	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11799.98	11324.12	11108.33	11410.81	3.10	ppb
Antimony	121-1	519.24	512.98	527.08	519.77	1.36	ppb
Arsenic	75-2	523.53	508.98	498.66	510.39	2.45	ppb
Barium	135-1	2523.60	2521.06	2414.27	2486.31	2.51	ppb
Barium	137-1	2518.74	2587.34	2548.80	2551.63	1.35	ppb
Beryllium	9-1	532.68	502.46	505.48	513.54	3.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	416.09	425.13	440.88	427.37	2.94	ppb
Boron	11-1	433.38	416.96	440.49	430.28	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	515.41	512.22	524.16	517.26	1.20	ppb
Cadmium	106-1	521.46	524.80	523.56	523.27	0.32	ppb
Cadmium	108-1	527.90	523.36	517.27	522.84	1.02	ppb
Calcium	43-1	54556.75	52589.05	55747.06	54297.62	2.94	ppb
Calcium	44-1	50874.98	50526.88	50899.03	50766.96	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.95	479.58	480.82	489.45	3.28	ppb
Cobalt	59-2	532.95	500.72	509.71	514.46	3.23	ppb
Copper	63-1	5188.87	5017.92	5030.34	5079.04	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	286.12	268.78	-37.75	172.38	105.69	ppb
Gold	197-2	536.41	448.15	680.38	554.98	21.12	ppb
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	29513.30	28008.59	27412.17	28311.35	3.82	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	27446.39	26285.45	25680.59	26470.81	3.39	ppb
Iron	54-2	29189.47	28713.04	27330.55	28411.02	3.40	ppb
Krypton	83-1						cps
Lead	206-1	2517.20	2429.82	2431.14	2459.39	2.04	ppb
Lead	207-1	2476.46	2393.24	2400.14	2423.28	1.91	ppb
Lead	208-1	2486.01	2432.74	2457.44	2458.73	1.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	56879.76	54288.27	53999.46	55055.83	2.88	ppb
Manganese	55-2	5257.35	4959.36	5141.76	5119.49	2.93	ppb
Molybdenum	94-1	5387.06	4940.18	5038.31	5121.85	4.59	ppb
Molybdenum	95-1	5302.72	4888.04	4869.20	5019.99	4.88	ppb
Molybdenum	96-1	5184.68	4872.29	4882.42	4979.80	3.56	ppb
Molybdenum	97-1	5417.21	5010.35	5088.00	5171.85	4.18	ppb
Molybdenum	98-1	5122.59	4866.82	4868.24	4952.55	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.80	495.01	496.07	502.63	2.44	ppb
Phosphorus	31-2	10652.86	9839.15	9955.50	10149.17	4.34	ppb
Potassium	39-2	27395.72	26517.91	24685.78	26199.80	5.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	511.95	545.24	527.22	528.14	3.16	ppb
Selenium	78-2	522.61	515.28	508.74	515.54	1.35	ppb
Selenium	82-1	548.16	509.99	508.25	522.13	4.32	ppb
Silicon	28-1	421.13	414.05	443.25	426.15	3.57	ppb
Silver	107-1	532.69	520.88	530.69	528.08	1.20	ppb
Silver	109-1	525.19	522.64	541.47	529.77	1.93	ppb
Sodium	23-2	55330.24	53525.89	53724.61	54193.58	1.83	ppb
Strontium	86-1	13130.50	12511.98	12812.91	12818.46	2.41	ppb
Strontium	88-1	13123.70	12350.34	12527.93	12667.32	3.20	ppb
Sulfur	34-1	11906.41	11536.21	11946.20	11796.27	1.92	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	495.64	479.83	466.48	480.65	3.04	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	501.48	494.41	493.57	496.49	0.87	ppb
Tin	118-1	520.82	521.70	516.61	519.71	0.52	ppb
Titanium	47-1	5078.60	4907.18	5040.70	5008.83	1.80	ppb
Uranium	238-1	503.86	483.25	501.41	496.18	2.27	ppb
Vanadium	51-2	507.50	474.54	471.58	484.54	4.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	5330.83	5260.77	5097.33	5229.64	2.29	ppb
Zirconium	90-1	529.37	495.27	514.08	512.91	3.33	ppb
Zirconium	91-1	505.50	493.95	488.09	495.85	1.79	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.28	101.37	103.56	103.40	1.90	ppb
Antimony	121-1	0.18	0.14	0.17	0.16	10.61	ppb
Arsenic	75-2	0.64	0.63	0.60	0.62	3.61	ppb
Barium	135-1	46.24	43.73	45.48	45.15	2.85	ppb
Barium	137-1	48.33	45.36	47.23	46.97	3.20	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	43.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	104.81	109.39	112.14	108.78	3.40	ppb
Boron	11-1	113.45	116.90	121.19	117.18	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.15	-0.02	-0.10		ppb
Cadmium	106-1	-1.84	-2.06	-0.54	-1.48		ppb
Cadmium	108-1	0.71	0.86	0.42	0.66	34.05	ppb
Calcium	43-1	42554.08	42755.91	40584.29	41964.76	2.86	ppb
Calcium	44-1	41246.66	41866.90	41642.11	41585.22	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.44	0.43	0.44	2.18	ppb
Cobalt	59-2	0.23	0.22	0.23	0.23	2.56	ppb
Copper	63-1	301.73	310.27	287.93	299.98	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-144.45	65.96	-144.45	-74.31		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	15.15	14.78	14.53	14.82	2.11	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	79.33	79.45	84.20	81.00	3.43	ppb
Iron	54-2	15.07	13.92	12.57	13.85	9.04	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.28	1.32	1.28	3.27	ppb
Lead	207-1	1.31	1.28	1.28	1.29	1.49	ppb
Lead	208-1	1.28	1.32	1.29	1.30	1.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	14997.48	14393.82	14755.41	14715.57	2.06	ppb
Manganese	55-2	10.62	10.04	10.38	10.35	2.79	ppb
Molybdenum	94-1	0.66	0.64	0.51	0.61	13.46	ppb
Molybdenum	95-1	0.74	0.54	0.57	0.62	17.75	ppb
Molybdenum	96-1	0.63	0.66	0.53	0.61	10.65	ppb
Molybdenum	97-1	0.64	0.64	0.56	0.61	7.49	ppb
Molybdenum	98-1	0.69	0.62	0.56	0.62	10.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.97	105.31	109.12	108.80	3.07	ppb
Phosphorus	31-2	211.90	273.32	286.94	257.39	15.53	ppb
Potassium	39-2	1910.52	1812.38	1838.62	1853.84	2.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	1.44	0.99	0.78	101.28	ppb
Selenium	82-1	0.49	0.46	0.84	0.60	34.87	ppb
Silicon	28-1	790.24	787.89	754.45	777.53	2.57	ppb
Silver	107-1	0.02	0.03	0.02	0.02	15.79	ppb
Silver	109-1	0.01	0.02	0.02	0.02	23.64	ppb
Sodium	23-2	44021.75	41639.74	44368.32	43343.27	3.43	ppb
Strontium	86-1	272.85	279.41	269.99	274.08	1.76	ppb
Strontium	88-1	270.41	285.09	270.80	275.43	3.04	ppb
Sulfur	34-1	20845.38	20725.65	19158.16	20243.06	4.65	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.06	0.05	0.06	14.16	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.07	0.06	0.07	0.06	4.77	ppb
Tin	118-1	-0.23	-0.26	-0.19	-0.23		ppb
Titanium	47-1	0.77	0.92	0.99	0.90	12.66	ppb
Uranium	238-1	1.07	1.07	1.09	1.08	0.91	ppb
Vanadium	51-2	1.64	1.72	1.73	1.70	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1964.53	1885.15	1899.78	1916.49	2.20	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.44	ppb
Zirconium	91-1	0.01	-0.01	0.02	0.01	156.78	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.09	54.99	53.89	54.65	1.22	ppb
Antimony	121-1	0.87	0.90	0.87	0.88	2.32	ppb
Arsenic	75-2	2.07	2.06	2.01	2.04	1.45	ppb
Barium	135-1	46.25	46.16	43.55	45.32	3.39	ppb
Barium	137-1	49.60	48.73	46.23	48.19	3.63	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	26.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	190.10	196.95	182.97	190.01	3.68	ppb
Boron	11-1	205.07	212.69	193.63	203.80	4.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.06	-0.01	0.00		ppb
Cadmium	106-1	-1.00	0.51	-1.01	-0.50		ppb
Cadmium	108-1	0.93	0.48	0.11	0.50	81.24	ppb
Calcium	43-1	47723.69	47385.32	42069.00	45726.01	6.94	ppb
Calcium	44-1	47463.36	46492.53	42259.67	45405.19	6.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.64	0.56	0.57	0.59	7.67	ppb
Cobalt	59-2	0.49	0.40	0.39	0.43	12.20	ppb
Copper	63-1	78.69	77.14	70.67	75.50	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-27.93	-144.45	58.57	-37.94		ppb
Gold	197-2	10.31	9.42	9.35	9.69	5.50	ppb
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	20.18	20.19	19.74	20.04	1.28	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	85.72	86.52	89.14	87.13	2.05	ppb
Iron	54-2	22.02	21.54	21.46	21.67	1.40	ppb
Krypton	83-1						cps
Lead	206-1	1.44	1.44	1.18	1.35	10.88	ppb
Lead	207-1	1.46	1.33	1.21	1.33	9.38	ppb
Lead	208-1	1.45	1.42	1.21	1.36	9.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	15221.10	14832.20	14338.29	14797.20	2.99	ppb
Manganese	55-2	28.64	28.52	27.64	28.27	1.92	ppb
Molybdenum	94-1	0.74	0.81	0.78	0.78	4.31	ppb
Molybdenum	95-1	0.85	0.76	0.58	0.73	18.66	ppb
Molybdenum	96-1	0.76	0.65	0.72	0.71	7.69	ppb
Molybdenum	97-1	0.82	0.79	0.68	0.77	9.57	ppb
Molybdenum	98-1	0.84	0.77	0.66	0.76	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.13	45.57	44.83	45.51	1.43	ppb
Phosphorus	31-2	471.73	502.20	529.03	500.98	5.72	ppb
Potassium	39-2	1882.32	1817.27	1828.79	1842.79	1.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.65	0.00	0.22	173.21	ppb
Selenium	78-2	0.89	-0.20	1.77	0.82	120.78	ppb
Selenium	82-1	0.81	1.14	1.09	1.01	17.22	ppb
Silicon	28-1	840.86	856.57	749.56	815.66	7.08	ppb
Silver	107-1	0.02	0.03	0.02	0.02	19.52	ppb
Silver	109-1	0.02	0.01	0.02	0.02	12.77	ppb
Sodium	23-2	46168.35	44434.05	44073.81	44892.07	2.49	ppb
Strontium	86-1	298.86	291.38	272.13	287.46	4.80	ppb
Strontium	88-1	304.09	286.42	268.62	286.38	6.19	ppb
Sulfur	34-1	23490.85	23719.68	20594.85	22601.79	7.71	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.04	19.85	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.07	0.05	0.04	0.05	31.08	ppb
Tin	118-1	-0.04	-0.01	-0.05	-0.03		ppb
Titanium	47-1	1.44	1.39	1.12	1.32	12.84	ppb
Uranium	238-1	0.54	0.52	0.47	0.51	7.21	ppb
Vanadium	51-2	1.81	1.81	1.72	1.78	2.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1077.39	1053.30	1022.72	1051.14	2.61	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	17.98	ppb
Zirconium	91-1	0.04	0.04	0.05	0.05	11.03	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.47	122.51	118.62	121.53	2.11	ppb
Antimony	121-1	2.36	2.32	2.29	2.32	1.58	ppb
Arsenic	75-2	1.29	1.15	1.14	1.20	6.72	ppb
Barium	135-1	62.75	57.56	59.18	59.83	4.44	ppb
Barium	137-1	64.92	60.97	60.64	62.18	3.83	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	73.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	121.64	119.38	121.93	120.98	1.15	ppb
Boron	11-1	132.39	130.85	132.08	131.77	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.93	0.95	0.92	3.10	ppb
Cadmium	106-1	1.44	1.32	1.60	1.45	9.33	ppb
Cadmium	108-1	2.14	1.63	1.90	1.89	13.59	ppb
Calcium	43-1	50300.19	46892.01	47758.26	48316.82	3.67	ppb
Calcium	44-1	50855.76	47034.59	49030.96	48973.77	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.35	0.32	0.36	14.25	ppb
Cobalt	59-2	0.56	0.56	0.49	0.54	7.81	ppb
Copper	63-1	323.00	295.86	297.11	305.32	5.02	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
Gold	197-1	-33.03	-39.96	-144.45	-72.48		ppb
Gold	197-2	-16.94	-16.94	9.94	-7.98		ppb
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	24.24	22.84	21.74	22.94	5.45	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	107.31	104.21	97.57	103.03	4.83	ppb
Iron	54-2	22.30	21.58	21.28	21.72	2.42	ppb
Krypton	83-1						cps
Lead	206-1	30.36	28.52	28.09	28.99	4.16	ppb
Lead	207-1	29.19	28.27	27.27	28.24	3.39	ppb
Lead	208-1	29.31	27.96	27.44	28.24	3.42	ppb
Lithium	6-1				104		%
Magnesium	24-2	17678.39	16691.63	16714.22	17028.08	3.31	ppb
Manganese	55-2	291.77	282.11	278.07	283.98	2.48	ppb
Molybdenum	94-1	0.75	0.75	0.68	0.73	5.29	ppb
Molybdenum	95-1	0.74	0.73	0.70	0.72	3.21	ppb
Molybdenum	96-1	0.69	0.65	0.63	0.66	4.73	ppb
Molybdenum	97-1	0.77	0.77	0.72	0.75	3.74	ppb
Molybdenum	98-1	0.78	0.70	0.67	0.72	7.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.91	29.71	29.61	30.07	2.40	ppb
Phosphorus	31-2	355.12	319.01	287.40	320.51	10.57	ppb
Potassium	39-2	1873.28	1771.36	1702.05	1782.23	4.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	1.27	1.24	0.00	0.84	86.62	ppb
Selenium	78-2	0.85	-0.16	0.56	0.42	123.82	ppb
Selenium	82-1	1.21	1.20	1.28	1.23	3.45	ppb
Silicon	28-1	1007.68	921.71	926.79	952.06	5.07	ppb
Silver	107-1	0.11	0.09	0.09	0.10	7.61	ppb
Silver	109-1	0.10	0.08	0.09	0.09	10.86	ppb
Sodium	23-2	45332.28	43497.60	42419.95	43749.94	3.37	ppb
Strontium	86-1	320.05	298.63	310.14	309.61	3.46	ppb
Strontium	88-1	317.61	307.18	294.25	306.35	3.82	ppb
Sulfur	34-1	22327.28	19427.34	20038.31	20597.64	7.42	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.17	0.17	0.18	7.56	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.19	0.20	0.20	0.20	2.80	ppb
Tin	118-1	28.72	27.34	28.56	28.21	2.67	ppb
Titanium	47-1	1.60	1.47	1.29	1.45	10.77	ppb
Uranium	238-1	1.75	1.71	1.67	1.71	2.39	ppb
Vanadium	51-2	2.51	2.32	2.44	2.42	3.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	3842.14	3726.80	3572.43	3713.79	3.64	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	2.51	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	22.41	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	121.22	121.15	119.13	120.50	0.99	ppb
Antimony	121-1	2.37	2.28	2.43	2.36	3.28	ppb
Arsenic	75-2	1.04	1.15	1.04	1.08	6.19	ppb
Barium	135-1	59.26	60.08	59.74	59.69	0.69	ppb
Barium	137-1	61.76	63.62	62.85	62.74	1.49	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	78.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	115.45	120.25	123.78	119.82	3.49	ppb
Boron	11-1	124.11	129.21	133.35	128.89	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.88	0.82	0.75	0.82	7.87	ppb
Cadmium	106-1	0.94	-0.38	-0.07	0.16	422.72	ppb
Cadmium	108-1	2.42	1.86	2.35	2.21	13.78	ppb
Calcium	43-1	47178.36	45301.46	46982.01	46487.28	2.22	ppb
Calcium	44-1	45693.84	46355.84	46908.65	46319.44	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.33	0.28	0.30	8.34	ppb
Cobalt	59-2	0.49	0.49	0.51	0.50	2.62	ppb
Copper	63-1	293.91	295.88	280.12	289.97	2.96	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
Gold	197-1	-144.45	-144.45	-39.55	-109.48		ppb
Gold	197-2	-16.94	9.23	-16.94	-8.22		ppb
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	21.40	22.06	22.19	21.88	1.92	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	97.78	89.58	97.34	94.90	4.86	ppb
Iron	54-2	20.99	19.13	21.66	20.59	6.35	ppb
Krypton	83-1						cps
Lead	206-1	27.68	27.82	28.28	27.92	1.12	ppb
Lead	207-1	27.16	27.43	27.30	27.29	0.49	ppb
Lead	208-1	27.26	27.56	27.73	27.52	0.86	ppb
Lithium	6-1				105		%
Magnesium	24-2	16797.75	16706.81	16742.23	16748.93	0.27	ppb
Manganese	55-2	284.68	282.41	279.91	282.33	0.85	ppb
Molybdenum	94-1	0.68	0.81	0.67	0.72	10.46	ppb
Molybdenum	95-1	0.72	0.70	0.80	0.74	6.96	ppb
Molybdenum	96-1	0.68	0.67	0.75	0.70	6.40	ppb
Molybdenum	97-1	0.61	0.78	0.72	0.70	12.06	ppb
Molybdenum	98-1	0.65	0.68	0.66	0.66	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.77	29.54	28.57	29.29	2.19	ppb
Phosphorus	31-2	366.01	328.28	295.96	330.08	10.62	ppb
Potassium	39-2	1792.90	1811.19	1753.68	1785.92	1.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	1.28	0.00	0.63	0.64	100.27	ppb
Selenium	78-2	1.44	0.71	0.95	1.03	36.11	ppb
Selenium	82-1	1.15	0.93	0.80	0.96	18.42	ppb
Silicon	28-1	900.41	938.23	881.66	906.77	3.18	ppb
Silver	107-1	0.11	0.10	0.11	0.10	5.75	ppb
Silver	109-1	0.09	0.10	0.11	0.10	9.17	ppb
Sodium	23-2	43779.21	44252.26	43429.42	43820.30	0.94	ppb
Strontium	86-1	300.16	317.36	306.51	308.01	2.82	ppb
Strontium	88-1	294.61	308.07	296.68	299.79	2.42	ppb
Sulfur	34-1	19291.13	19796.95	19235.69	19441.26	1.59	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.16	0.17	0.17	10.16	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.16	0.18	0.16	0.17	7.93	ppb
Tin	118-1	28.21	28.63	28.51	28.45	0.76	ppb
Titanium	47-1	1.29	1.34	1.34	1.32	2.10	ppb
Uranium	238-1	1.67	1.68	1.72	1.69	1.48	ppb
Vanadium	51-2	2.41	2.38	2.39	2.39	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	3671.07	3658.60	3645.83	3658.50	0.35	ppb
Zirconium	90-1	0.05	0.08	0.06	0.06	18.74	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	24.47	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.06	25.26	21.17	23.50	8.95	ppb
Antimony	121-1	0.47	0.47	0.46	0.47	1.10	ppb
Arsenic	75-2	0.19	0.23	0.26	0.23	14.21	ppb
Barium	135-1	12.25	13.65	12.15	12.68	6.60	ppb
Barium	137-1	12.34	13.62	12.34	12.76	5.80	ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	50.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	33.93	37.21	34.71	35.28	4.85	ppb
Boron	11-1	36.64	40.14	36.93	37.91	5.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.34	0.32	0.29	22.72	ppb
Cadmium	106-1	0.37	1.50	1.39	1.09	57.25	ppb
Cadmium	108-1	-0.08	0.28	0.27	0.16	128.05	ppb
Calcium	43-1	9654.10	10098.38	9217.84	9656.78	4.56	ppb
Calcium	44-1	9902.16	10301.63	9327.78	9843.86	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.09	0.06	0.08	30.64	ppb
Cobalt	59-2	0.11	0.08	0.07	0.09	17.80	ppb
Copper	63-1	58.35	62.45	56.10	58.97	5.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-144.45	71.15	-40.87	-38.06		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	4.43	4.94	3.87	4.41	12.14	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	14.55	21.12	18.88	18.18	18.38	ppb
Iron	54-2	4.85	5.96	2.50	4.43	39.87	ppb
Krypton	83-1						cps
Lead	206-1	5.53	5.86	5.36	5.58	4.52	ppb
Lead	207-1	5.46	5.84	5.24	5.52	5.54	ppb
Lead	208-1	5.49	5.84	5.40	5.58	4.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	3284.46	3212.92	2906.99	3134.79	6.40	ppb
Manganese	55-2	56.95	56.48	52.34	55.26	4.59	ppb
Molybdenum	94-1	0.15	0.19	0.19	0.18	14.47	ppb
Molybdenum	95-1	0.14	0.18	0.15	0.16	11.58	ppb
Molybdenum	96-1	0.12	0.20	0.17	0.17	25.80	ppb
Molybdenum	97-1	0.17	0.21	0.17	0.18	12.42	ppb
Molybdenum	98-1	0.15	0.19	0.14	0.16	14.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.19	5.93	5.41	5.84	6.80	ppb
Phosphorus	31-2	38.18	71.41	36.55	48.71	40.40	ppb
Potassium	39-2	374.08	357.44	323.58	351.70	7.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.63	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	0.50	0.64	0.15	0.43	57.87	ppb
Selenium	82-1	0.39	0.48	0.18	0.35	44.56	ppb
Silicon	28-1	190.16	197.42	178.11	188.56	5.17	ppb
Silver	107-1	0.01	0.03	0.02	0.02	34.82	ppb
Silver	109-1	0.02	0.02	0.03	0.02	34.64	ppb
Sodium	23-2	8701.77	8754.11	8001.66	8485.85	4.95	ppb
Strontium	86-1	58.66	65.66	58.90	61.08	6.51	ppb
Strontium	88-1	59.38	65.96	58.16	61.17	6.86	ppb
Sulfur	34-1	4388.18	5438.85	4012.53	4613.19	16.03	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.05	0.06	14.64	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.06	0.04	0.05	20.18	ppb
Tin	118-1	5.62	6.23	5.89	5.91	5.10	ppb
Titanium	47-1	0.34	0.18	0.33	0.28	30.23	ppb
Uranium	238-1	0.34	0.36	0.35	0.35	3.71	ppb
Vanadium	51-2	0.44	0.51	0.47	0.48	7.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	759.25	744.45	693.70	732.47	4.69	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	56.79	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	42.59	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.08	47.81	47.27	48.39	3.08	ppb
Antimony	121-1	0.62	0.52	0.49	0.55	12.48	ppb
Arsenic	75-2	0.64	0.58	0.48	0.57	14.71	ppb
Barium	135-1	56.68	53.36	49.92	53.32	6.34	ppb
Barium	137-1	57.68	54.06	52.85	54.86	4.58	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	223.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	140.64	137.05	139.20	138.97	1.30	ppb
Boron	11-1	151.75	147.19	151.06	150.00	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.33	0.34	0.30	18.59	ppb
Cadmium	106-1	-0.25	1.06	1.30	0.71	118.56	ppb
Cadmium	108-1	2.17	1.33	1.51	1.67	26.19	ppb
Calcium	43-1	46164.46	43022.76	40610.20	43265.81	6.44	ppb
Calcium	44-1	45319.97	42414.62	39962.43	42565.68	6.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.23	0.25	0.24	5.83	ppb
Cobalt	59-2	0.20	0.24	0.21	0.22	11.30	ppb
Copper	63-1	148.43	141.96	134.08	141.49	5.08	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
Gold	197-1	195.30	62.71	-144.45	37.85	452.36	ppb
Gold	197-2	-16.94	-16.94	9.95	-7.97		ppb
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	18.36	17.87	18.13	18.12	1.36	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	89.60	81.81	87.07	86.16	4.61	ppb
Iron	54-2	15.88	18.26	15.90	16.68	8.19	ppb
Krypton	83-1						cps
Lead	206-1	5.30	4.92	5.14	5.12	3.69	ppb
Lead	207-1	5.03	4.73	4.79	4.85	3.20	ppb
Lead	208-1	5.21	4.84	4.94	5.00	3.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	15354.80	15017.29	14655.29	15009.13	2.33	ppb
Manganese	55-2	9.32	9.28	9.35	9.32	0.37	ppb
Molybdenum	94-1	0.46	0.53	0.43	0.48	10.99	ppb
Molybdenum	95-1	0.49	0.50	0.54	0.51	5.33	ppb
Molybdenum	96-1	0.54	0.50	0.47	0.50	7.46	ppb
Molybdenum	97-1	0.59	0.45	0.45	0.50	16.30	ppb
Molybdenum	98-1	0.54	0.50	0.49	0.51	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.98	98.07	95.56	97.54	1.81	ppb
Phosphorus	31-2	191.35	163.39	180.57	178.43	7.90	ppb
Potassium	39-2	1923.29	1962.68	1929.76	1938.58	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	1.22	0.77	0.65	99.66	ppb
Selenium	82-1	0.65	0.88	0.40	0.64	37.21	ppb
Silicon	28-1	658.77	618.09	597.57	624.81	4.99	ppb
Silver	107-1	0.09	0.10	0.09	0.09	7.57	ppb
Silver	109-1	0.11	0.08	0.08	0.09	21.97	ppb
Sodium	23-2	45929.78	44732.84	44119.26	44927.30	2.05	ppb
Strontium	86-1	281.87	277.70	264.13	274.57	3.38	ppb
Strontium	88-1	285.10	277.57	262.52	275.06	4.18	ppb
Sulfur	34-1	23255.03	21079.84	19654.88	21329.92	8.50	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.15	0.12	0.14	10.14	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.15	0.12	0.14	0.14	10.48	ppb
Tin	118-1	-0.11	-0.17	-0.17	-0.15		ppb
Titanium	47-1	1.06	0.94	0.79	0.93	14.48	ppb
Uranium	238-1	0.72	0.64	0.63	0.66	7.44	ppb
Vanadium	51-2	1.09	1.11	1.12	1.11	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	3663.18	3566.46	3604.13	3611.26	1.35	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	33.31	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	59.87	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.00	130.21	126.05	130.75	3.82	ppb
Antimony	121-1	0.97	0.92	0.86	0.92	5.78	ppb
Arsenic	75-2	0.49	0.46	0.29	0.41	25.59	ppb
Barium	135-1	56.05	53.75	54.54	54.78	2.13	ppb
Barium	137-1	58.45	56.04	57.37	57.28	2.11	ppb
Beryllium	9-1	0.01	0.01	0.24	0.08	160.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	104.42	109.32	109.77	107.84	2.75	ppb
Boron	11-1	113.47	116.16	120.58	116.74	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.28	0.84	1.17	1.10	20.87	ppb
Cadmium	106-1	5.02	0.24	3.78	3.02	82.34	ppb
Cadmium	108-1	3.08	3.09	2.71	2.96	7.29	ppb
Calcium	43-1	44203.28	43896.19	43621.40	43906.96	0.66	ppb
Calcium	44-1	43850.74	43292.86	43960.14	43701.25	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.46	0.49	0.47	3.06	ppb
Cobalt	59-2	0.82	0.75	0.76	0.77	4.61	ppb
Copper	63-1	173.72	165.64	166.48	168.61	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-39.06	-40.45	282.31	67.60	275.07	ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	74.31	68.72	66.77	69.93	5.59	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	147.46	146.75	138.83	144.35	3.32	ppb
Iron	54-2	68.13	67.12	63.81	66.35	3.40	ppb
Krypton	83-1						cps
Lead	206-1	4.58	4.63	6.50	5.23	20.96	ppb
Lead	207-1	4.56	4.49	6.70	5.25	23.94	ppb
Lead	208-1	4.59	4.54	6.34	5.16	19.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	16535.71	15868.34	15387.05	15930.37	3.62	ppb
Manganese	55-2	26.50	24.71	24.58	25.26	4.26	ppb
Molybdenum	94-1	0.56	0.52	0.80	0.63	24.67	ppb
Molybdenum	95-1	0.57	0.53	0.82	0.64	24.78	ppb
Molybdenum	96-1	0.47	0.48	0.79	0.58	31.99	ppb
Molybdenum	97-1	0.51	0.61	0.91	0.68	30.98	ppb
Molybdenum	98-1	0.55	0.58	0.88	0.67	27.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	366.15	348.48	345.50	353.38	3.16	ppb
Phosphorus	31-2	151.81	137.36	133.15	140.77	6.95	ppb
Potassium	39-2	2013.47	1909.78	1877.53	1933.59	3.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.66	-0.37	0.56	0.28	199.53	ppb
Selenium	82-1	0.69	1.57	1.10	1.12	39.22	ppb
Silicon	28-1	744.44	743.95	734.48	740.96	0.76	ppb
Silver	107-1	0.03	0.04	0.03	0.03	15.94	ppb
Silver	109-1	0.03	0.01	0.03	0.02	48.16	ppb
Sodium	23-2	49189.50	47127.99	46733.20	47683.57	2.77	ppb
Strontium	86-1	276.47	276.33	271.47	274.76	1.04	ppb
Strontium	88-1	280.48	284.44	270.24	278.39	2.63	ppb
Sulfur	34-1	19184.49	19408.23	18391.31	18994.68	2.81	ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.06	0.65	0.27	121.52	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.10	0.11	0.62	0.28	106.68	ppb
Tin	118-1	0.31	0.32	0.35	0.33	5.04	ppb
Titanium	47-1	0.92	0.81	1.55	1.09	36.64	ppb
Uranium	238-1	1.35	1.40	1.73	1.49	13.59	ppb
Vanadium	51-2	1.81	1.57	1.56	1.65	8.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	6142.79	5849.10	5782.61	5924.83	3.23	ppb
Zirconium	90-1	0.01	0.02	0.06	0.03	77.95	ppb
Zirconium	91-1	-0.01	0.00	0.05	0.01	293.92	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57130.16	56277.24	56254.06	56553.82	0.88	ppb
Antimony	121-1	527.91	481.05	490.89	499.95	4.94	ppb
Arsenic	75-2	468.75	448.29	452.42	456.49	2.37	ppb
Barium	135-1	2681.15	2500.94	2472.89	2551.66	4.43	ppb
Barium	137-1	2710.27	2580.31	2560.06	2616.88	3.11	ppb
Beryllium	9-1	489.37	492.81	495.92	492.70	0.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	497.11	521.63	531.16	516.63	3.40	ppb
Boron	11-1	488.93	535.65	525.33	516.64	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	479.26	454.16	467.76	467.06	2.69	ppb
Cadmium	106-1	500.88	478.43	484.83	488.04	2.37	ppb
Cadmium	108-1	494.35	464.02	477.85	478.74	3.17	ppb
Calcium	43-1	238769.46	230017.90	225718.63	231502.00	2.87	ppb
Calcium	44-1	229752.44	235286.13	221713.59	228917.39	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.63	464.77	456.07	462.82	1.30	ppb
Cobalt	59-2	469.64	456.22	464.37	463.41	1.46	ppb
Copper	63-1	4947.93	5067.42	4823.80	4946.38	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	560.28	718.47	82.41	453.72	72.99	ppb
Gold	197-2	428.83	495.46	245.34	389.88	33.22	ppb
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	129622.80	127809.12	128905.62	128779.18	0.71	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	129709.31	126220.73	123668.93	126532.99	2.40	ppb
Iron	54-2	129656.42	123523.00	125159.21	126112.88	2.52	ppb
Krypton	83-1						cps
Lead	206-1	2614.96	2480.03	2622.71	2572.56	3.12	ppb
Lead	207-1	2642.56	2496.38	2558.70	2565.88	2.86	ppb
Lead	208-1	2620.35	2497.96	2566.53	2561.61	2.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	255072.80	254738.82	250473.64	253428.42	1.01	ppb
Manganese	55-2	4793.20	4750.51	4689.65	4744.45	1.10	ppb
Molybdenum	94-1	4844.03	5208.47	5271.35	5107.95	4.52	ppb
Molybdenum	95-1	4929.29	5046.14	5096.55	5023.99	1.71	ppb
Molybdenum	96-1	5031.52	5014.17	5125.93	5057.21	1.19	ppb
Molybdenum	97-1	4815.82	5166.62	5150.66	5044.37	3.93	ppb
Molybdenum	98-1	4855.80	4914.13	4816.74	4862.22	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.29	450.68	447.53	454.84	2.21	ppb
Phosphorus	31-2	9951.31	9458.39	9265.39	9558.36	3.70	ppb
Potassium	39-2	126247.23	119949.46	119678.09	121958.26	3.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				88		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	478.48	495.59	434.09	469.38	6.76	ppb
Selenium	78-2	462.24	451.71	446.74	453.56	1.75	ppb
Selenium	82-1	453.15	471.36	472.35	465.62	2.32	ppb
Silicon	28-1	566.32	581.87	568.45	572.22	1.47	ppb
Silver	107-1	517.17	469.32	487.35	491.28	4.92	ppb
Silver	109-1	490.88	482.33	475.03	482.75	1.64	ppb
Sodium	23-2	260411.62	257034.44	254224.29	257223.45	1.20	ppb
Strontium	86-1	12065.00	12822.14	12648.98	12512.04	3.17	ppb
Strontium	88-1	12367.42	12657.08	12443.12	12489.21	1.20	ppb
Sulfur	34-1	11414.03	11738.01	11215.52	11455.85	2.30	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	522.33	509.86	506.42	512.87	1.63	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	534.30	518.28	526.67	526.41	1.52	ppb
Tin	118-1	518.98	499.35	516.01	511.45	2.07	ppb
Titanium	47-1	5107.25	5100.59	4869.83	5025.89	2.69	ppb
Uranium	238-1	563.51	539.17	516.51	539.73	4.35	ppb
Vanadium	51-2	483.92	467.99	464.12	472.01	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	4706.01	4529.13	4504.37	4579.84	2.40	ppb
Zirconium	90-1	487.13	511.29	505.49	501.30	2.52	ppb
Zirconium	91-1	492.69	526.31	506.30	508.43	3.33	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.70	2.84	2.91	3.15	15.13	ppb
Antimony	121-1	0.02	0.04	0.05	0.04	33.26	ppb
Arsenic	75-2	0.01	0.02	-0.01	0.01	267.11	ppb
Barium	135-1	0.08	0.06	0.05	0.06	25.08	ppb
Barium	137-1	0.08	0.01	0.03	0.04	84.13	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	30.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	11.29	11.01	10.23	10.84	5.08	ppb
Boron	11-1	11.94	12.17	10.83	11.65	6.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.24	-0.19	-0.16		ppb
Cadmium	106-1	-1.23	-2.79	-2.38	-2.13		ppb
Cadmium	108-1	0.02	0.48	-0.12	0.13	247.25	ppb
Calcium	43-1	5.40	4.88	2.35	4.21	38.74	ppb
Calcium	44-1	7.13	5.24	3.66	5.34	32.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.03	0.05	46.54	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-1	0.43	0.41	0.33	0.39	13.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-144.45	-144.45	-144.45	-144.45		ppb
Gold	197-2	-16.94	9.59	-16.94	-8.10		ppb
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	1.14	0.91	0.90	0.98	13.60	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1.20	1.26	2.17	1.54	35.27	ppb
Iron	54-2	1.23	2.78	0.25	1.42	89.78	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.02	0.05	60.03	ppb
Lead	207-1	0.05	0.05	0.03	0.04	36.06	ppb
Lead	208-1	0.06	0.04	0.03	0.04	38.19	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.82	1.43	1.35	1.53	16.53	ppb
Manganese	55-2	0.14	0.10	0.07	0.10	35.19	ppb
Molybdenum	94-1	0.25	0.22	0.24	0.24	6.26	ppb
Molybdenum	95-1	0.27	0.24	0.21	0.24	11.65	ppb
Molybdenum	96-1	0.26	0.22	0.23	0.24	8.84	ppb
Molybdenum	97-1	0.28	0.23	0.20	0.24	16.23	ppb
Molybdenum	98-1	0.31	0.25	0.21	0.26	19.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.03	0.01	141.89	ppb
Phosphorus	31-2	-12.34	-23.65	-24.50	-20.16		ppb
Potassium	39-2	10.38	8.92	7.06	8.79	18.91	ppb
Rhodium	103-1				104		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.72	-0.18	1.02	0.52	119.94	ppb
Selenium	82-1	-0.01	-0.12	0.40	0.09	301.83	ppb
Silicon	28-1	-0.42	0.00	-1.70	-0.71		ppb
Silver	107-1	0.02	0.03	0.01	0.02	63.40	ppb
Silver	109-1	0.03	0.01	0.01	0.02	56.99	ppb
Sodium	23-2	25.52	23.21	22.61	23.78	6.45	ppb
Strontium	86-1	0.27	0.33	0.20	0.27	24.12	ppb
Strontium	88-1	0.30	0.24	0.17	0.24	26.37	ppb
Sulfur	34-1	-846.99	-919.06	-1332.30	-1032.78		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.05	0.04	0.04	28.26	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.06	0.05	0.05	7.66	ppb
Tin	118-1	0.02	-0.04	-0.02	-0.01		ppb
Titanium	47-1	0.13	0.17	0.12	0.14	20.06	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	55.53	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	123.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	-0.41	-0.34	-0.32	-0.36		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.06	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	137.86	129.66	128.97	132.16	3.74	ppb
Antimony	121-1	635.92	656.69	690.59	661.07	4.17	ppb
Arsenic	75-2	662.54	624.49	635.92	640.99	3.05	ppb
Barium	135-1	55.20	58.79	58.03	57.34	3.30	ppb
Barium	137-1	57.51	60.37	62.81	60.23	4.40	ppb
Beryllium	9-1	923.90	960.98	1019.34	968.07	4.97	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	96.42	100.77	107.96	101.72	5.73	ppb
Boron	11-1	105.43	108.75	119.69	111.29	6.71	ppb
Bromine	81-1						cps
Cadmium	111-1	1012.71	1016.14	1083.25	1037.37	3.83	ppb
Cadmium	106-1	970.04	1006.04	1031.25	1002.44	3.07	ppb
Cadmium	108-1	898.24	957.88	967.10	941.07	3.97	ppb
Calcium	43-1	75813.19	73105.22	77557.56	75491.99	2.97	ppb
Calcium	44-1	72649.79	72304.66	74865.05	73273.17	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.97	920.41	931.25	947.54	4.01	ppb
Cobalt	59-2	977.75	912.92	909.00	933.23	4.14	ppb
Copper	63-1	4485.23	4313.97	4518.65	4439.28	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	261.79	61.88	274.02	199.23	59.78	ppb
Gold	197-2	640.46	547.66	656.36	614.83	9.55	ppb
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	58.92	54.38	53.58	55.63	5.17	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	175.36	172.38	177.39	175.04	1.44	ppb
Iron	54-2	772.02	704.95	683.57	720.18	6.41	ppb
Krypton	83-1						cps
Lead	206-1	2309.99	2400.08	2422.33	2377.47	2.50	ppb
Lead	207-1	2217.69	2294.58	2369.21	2293.83	3.30	ppb
Lead	208-1	2279.00	2313.27	2389.29	2327.19	2.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	53821.57	49285.34	50111.43	51072.78	4.73	ppb
Manganese	55-2	3312.83	3064.84	3015.79	3131.15	5.09	ppb
Molybdenum	94-1	1781.32	1739.71	1819.53	1780.19	2.24	ppb
Molybdenum	95-1	5.50	5.15	5.74	5.46	5.44	ppb
Molybdenum	96-1	183.61	188.05	197.76	189.80	3.81	ppb
Molybdenum	97-1	5.53	5.34	5.39	5.42	1.83	ppb
Molybdenum	98-1	5.35	5.23	5.35	5.31	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	659.08	612.33	623.26	631.56	3.87	ppb
Phosphorus	31-2	374.74	326.23	322.06	341.01	8.59	ppb
Potassium	39-2	1836.24	1648.85	1696.95	1727.35	5.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	919.29	868.44	909.28	899.00	3.00	ppb
Selenium	78-2	948.24	910.62	959.92	939.59	2.74	ppb
Selenium	82-1	967.28	972.88	1014.60	984.92	2.63	ppb
Silicon	28-1	866.52	841.03	879.98	862.51	2.29	ppb
Silver	107-1	384.13	533.75	394.65	437.51	19.09	ppb
Silver	109-1	684.35	621.86	595.75	633.99	7.18	ppb
Sodium	23-2	78326.64	72536.93	72909.50	74591.02	4.34	ppb
Strontium	86-1	1265.67	1295.43	1330.03	1297.05	2.48	ppb
Strontium	88-1	1240.54	1268.39	1296.88	1268.61	2.22	ppb
Sulfur	34-1	19094.93	17850.49	19224.31	18723.24	4.05	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	899.79	911.15	892.08	901.01	1.06	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	910.50	909.01	944.33	921.28	2.17	ppb
Tin	118-1	27.57	29.53	29.63	28.91	4.03	ppb
Titanium	47-1	6.86	6.35	6.78	6.66	4.11	ppb
Uranium	238-1	918.80	918.42	942.00	926.41	1.46	ppb
Vanadium	51-2	1021.47	918.15	907.91	949.18	6.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	6351.78	6138.32	6254.12	6248.07	1.71	ppb
Zirconium	90-1	917.54	900.64	1000.80	939.66	5.71	ppb
Zirconium	91-1	918.28	926.08	1001.62	948.66	4.85	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128.82	125.41	131.30	128.51	2.30	ppb
Antimony	121-1	568.37	629.26	793.35	663.66	17.53	ppb
Arsenic	75-2	598.34	589.77	601.88	596.66	1.04	ppb
Barium	135-1	51.51	57.53	71.84	60.29	17.32	ppb
Barium	137-1	53.23	60.42	77.80	63.81	19.79	ppb
Beryllium	9-1	829.87	853.90	1133.49	939.09	17.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	94.22	102.16	131.45	109.28	17.94	ppb
Boron	11-1	103.08	111.09	143.00	119.06	17.74	ppb
Bromine	81-1						cps
Cadmium	111-1	879.01	933.87	1222.69	1011.86	18.25	ppb
Cadmium	106-1	832.83	929.07	1180.79	980.90	18.32	ppb
Cadmium	108-1	796.83	874.80	1121.07	930.90	18.18	ppb
Calcium	43-1	64696.57	72126.86	96536.75	77786.73	21.41	ppb
Calcium	44-1	63340.20	70467.78	95053.39	76287.12	21.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	902.25	892.77	888.39	894.47	0.79	ppb
Cobalt	59-2	925.36	869.07	890.19	894.88	3.18	ppb
Copper	63-1	3733.15	4237.31	5415.38	4461.95	19.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	688.83	377.61	616.84	561.10	29.04	ppb
Gold	197-2	684.41	566.08	547.78	599.43	12.37	ppb
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	52.64	52.29	51.53	52.15	1.08	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	162.49	168.37	169.70	166.85	2.30	ppb
Iron	54-2	674.44	665.59	655.71	665.25	1.41	ppb
Krypton	83-1						cps
Lead	206-1	1960.64	2137.99	2749.56	2282.73	18.13	ppb
Lead	207-1	1991.23	2181.37	2768.66	2313.75	17.52	ppb
Lead	208-1	1937.79	2165.67	2755.45	2286.30	18.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	48092.61	48037.98	48195.59	48108.73	0.17	ppb
Manganese	55-2	3032.48	3032.14	2926.38	2997.00	2.04	ppb
Molybdenum	94-1	1464.93	1555.64	2024.61	1681.73	17.86	ppb
Molybdenum	95-1	4.39	5.03	6.33	5.25	18.85	ppb
Molybdenum	96-1	156.09	165.92	217.88	179.96	18.45	ppb
Molybdenum	97-1	4.22	5.05	6.25	5.17	19.72	ppb
Molybdenum	98-1	4.53	4.77	6.22	5.17	17.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.62	582.03	594.93	588.53	1.10	ppb
Phosphorus	31-2	290.36	274.24	346.33	303.65	12.46	ppb
Potassium	39-2	1702.30	1694.22	1651.37	1682.63	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	876.36	870.05	866.61	871.01	0.57	ppb
Selenium	78-2	894.78	857.94	858.97	870.57	2.41	ppb
Selenium	82-1	797.31	872.51	1141.45	937.09	19.31	ppb
Silicon	28-1	752.03	846.26	1074.23	890.84	18.60	ppb
Silver	107-1	575.73	475.68	553.18	534.86	9.81	ppb
Silver	109-1	388.35	464.61	492.56	448.51	12.03	ppb
Sodium	23-2	71889.42	73871.84	71366.90	72376.05	1.83	ppb
Strontium	86-1	1067.90	1188.97	1537.21	1264.70	19.27	ppb
Strontium	88-1	1009.10	1168.26	1510.05	1229.14	20.82	ppb
Sulfur	34-1	15016.03	17561.09	25453.87	19343.66	28.14	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	749.05	820.43	1066.05	878.51	18.93	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	760.40	881.31	1068.82	903.51	17.20	ppb
Tin	118-1	25.30	28.84	37.51	30.55	20.58	ppb
Titanium	47-1	5.82	6.52	7.84	6.73	15.24	ppb
Uranium	238-1	769.72	866.94	1097.42	911.36	18.47	ppb
Vanadium	51-2	871.80	889.73	876.53	879.35	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	6117.18	6000.07	6163.54	6093.60	1.38	ppb
Zirconium	90-1	802.22	828.14	1102.00	910.79	18.24	ppb
Zirconium	91-1	754.87	844.22	1068.91	889.33	18.19	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	153.44	141.82	127.27	140.84	9.31	ppb
Antimony	121-1	666.10	636.54	649.57	650.74	2.28	ppb
Arsenic	75-2	735.36	653.20	602.53	663.70	10.10	ppb
Barium	135-1	57.67	53.96	56.07	55.90	3.33	ppb
Barium	137-1	62.87	57.05	61.02	60.31	4.92	ppb
Beryllium	9-1	978.68	923.48	971.75	957.97	3.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	104.53	101.75	108.72	105.00	3.34	ppb
Boron	11-1	112.27	110.31	117.64	113.41	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	1075.45	976.04	1010.66	1020.71	4.94	ppb
Cadmium	106-1	1000.66	948.73	1022.26	990.55	3.82	ppb
Cadmium	108-1	959.24	896.63	941.91	932.59	3.47	ppb
Calcium	43-1	73563.00	70144.59	73911.66	72539.75	2.87	ppb
Calcium	44-1	71657.89	68993.05	74475.75	71708.90	3.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1099.59	989.67	908.22	999.16	9.61	ppb
Cobalt	59-2	1079.42	958.36	914.03	983.94	8.70	ppb
Copper	63-1	4264.08	4143.60	4413.09	4273.59	3.16	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
Gold	197-1	264.21	151.31	360.05	258.52	40.42	ppb
Gold	197-2	715.13	429.94	651.48	598.85	25.00	ppb
Holmium	165-1				117		%
Holmium	165-2				96		%
Indium	115-1				112		%
Indium	115-2				90		%
Iron	56-2	65.54	57.89	53.17	58.86	10.60	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	196.27	175.79	165.82	179.29	8.66	ppb
Iron	54-2	844.29	738.25	698.76	760.43	9.90	ppb
Krypton	83-1						cps
Lead	206-1	2233.76	2178.75	2178.13	2196.88	1.45	ppb
Lead	207-1	2257.41	2196.62	2222.21	2225.41	1.37	ppb
Lead	208-1	2278.29	2165.48	2197.29	2213.69	2.63	ppb
Lithium	6-1				107		%
Magnesium	24-2	57790.22	51700.35	49277.94	52922.84	8.29	ppb
Manganese	55-2	3622.53	3230.64	3089.07	3314.08	8.34	ppb
Molybdenum	94-1	1755.99	1621.72	1639.07	1672.26	4.37	ppb
Molybdenum	95-1	5.27	4.92	5.06	5.08	3.52	ppb
Molybdenum	96-1	187.71	173.32	176.68	179.24	4.20	ppb
Molybdenum	97-1	5.40	5.04	5.21	5.22	3.42	ppb
Molybdenum	98-1	5.19	4.77	5.12	5.02	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	725.88	636.34	603.23	655.15	9.68	ppb
Phosphorus	31-2	399.10	334.76	331.82	355.23	10.70	ppb
Potassium	39-2	2001.91	1771.69	1659.33	1810.97	9.64	ppb
Rhodium	103-1				109		%
Rhodium	103-2				91		%
Scandium	45-1				110		%
Scandium	45-2				96		%
Selenium	77-2	1066.53	944.43	893.27	968.08	9.20	ppb
Selenium	78-2	1102.72	954.09	903.76	986.85	10.48	ppb
Selenium	82-1	986.11	894.36	937.85	939.44	4.89	ppb
Silicon	28-1	833.45	810.25	848.57	830.76	2.32	ppb
Silver	107-1	467.86	820.03	636.91	641.60	27.45	ppb
Silver	109-1	490.05	345.73	342.95	392.91	21.41	ppb
Sodium	23-2	86276.98	76132.55	71203.79	77871.11	9.87	ppb
Strontium	86-1	1286.67	1187.11	1237.13	1236.97	4.02	ppb
Strontium	88-1	1259.61	1173.23	1235.33	1222.73	3.64	ppb
Sulfur	34-1	17974.02	16939.06	18268.42	17727.16	3.94	ppb
Terbium	159-1				111		%
Terbium	159-2				95		%
Thallium	203-1	895.00	844.62	860.66	866.76	2.97	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	915.33	872.61	880.17	889.37	2.56	ppb
Tin	118-1	30.28	27.29	28.60	28.72	5.22	ppb
Titanium	47-1	6.70	5.89	6.76	6.45	7.49	ppb
Uranium	238-1	930.15	877.12	902.64	903.30	2.94	ppb
Vanadium	51-2	1108.79	965.28	904.06	992.71	10.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				94		%
Zinc	66-2	7158.78	6690.71	6074.24	6641.24	8.19	ppb
Zirconium	90-1	983.80	862.44	874.34	906.86	7.38	ppb
Zirconium	91-1	943.21	866.73	902.52	904.15	4.23	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58742.51	58099.71	54701.13	57181.12	3.80	ppb
Antimony	121-1	525.15	521.21	520.77	522.38	0.46	ppb
Arsenic	75-2	474.38	468.34	465.99	469.57	0.92	ppb
Barium	135-1	2700.38	2709.21	2630.77	2680.12	1.60	ppb
Barium	137-1	2695.30	2758.99	2679.74	2711.34	1.55	ppb
Beryllium	9-1	502.75	498.16	501.57	500.83	0.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	519.15	533.53	550.37	534.35	2.92	ppb
Boron	11-1	517.03	536.76	547.95	533.92	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	504.26	488.50	495.33	496.03	1.59	ppb
Cadmium	106-1	506.64	512.92	504.74	508.10	0.84	ppb
Cadmium	108-1	516.38	490.80	511.55	506.24	2.68	ppb
Calcium	43-1	243454.13	241361.79	240521.09	241779.01	0.62	ppb
Calcium	44-1	235735.22	232128.07	233361.03	233741.44	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.57	473.17	471.79	473.51	0.40	ppb
Cobalt	59-2	474.70	488.21	484.48	482.46	1.45	ppb
Copper	63-1	5068.54	5080.80	5216.48	5121.94	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	648.22	185.96	303.56	379.25	63.35	ppb
Gold	197-2	539.33	395.44	601.33	512.04	20.63	ppb
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	127337.19	127352.96	128436.76	127708.97	0.49	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	132400.15	130198.20	131721.27	131439.87	0.86	ppb
Iron	54-2	129433.88	129201.10	126850.31	128495.09	1.11	ppb
Krypton	83-1						cps
Lead	206-1	2664.07	2629.17	2634.17	2642.47	0.71	ppb
Lead	207-1	2709.33	2567.53	2678.11	2651.65	2.81	ppb
Lead	208-1	2716.11	2573.22	2626.46	2638.60	2.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	261923.02	262848.89	257952.65	260908.18	1.00	ppb
Manganese	55-2	4864.04	4987.66	4811.44	4887.71	1.85	ppb
Molybdenum	94-1	5259.20	5198.27	5141.86	5199.77	1.13	ppb
Molybdenum	95-1	5286.08	5125.53	5182.66	5198.09	1.57	ppb
Molybdenum	96-1	5233.36	5158.14	5128.39	5173.30	1.05	ppb
Molybdenum	97-1	5250.18	5044.08	5205.95	5166.74	2.10	ppb
Molybdenum	98-1	5234.25	4989.72	5148.14	5124.04	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.98	472.98	470.85	469.60	0.88	ppb
Phosphorus	31-2	9974.32	9645.94	9626.67	9748.98	2.00	ppb
Potassium	39-2	127199.04	128539.43	126374.42	127370.96	0.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	514.04	460.55	464.02	479.53	6.24	ppb
Selenium	78-2	479.89	448.88	457.23	462.00	3.47	ppb
Selenium	82-1	488.32	468.25	475.96	477.51	2.12	ppb
Silicon	28-1	591.84	591.61	604.04	595.83	1.19	ppb
Silver	107-1	522.73	505.05	513.52	513.77	1.72	ppb
Silver	109-1	520.27	504.06	501.58	508.64	2.00	ppb
Sodium	23-2	255762.56	255805.95	259098.22	256888.91	0.74	ppb
Strontium	86-1	13516.94	12503.18	12640.35	12886.83	4.27	ppb
Strontium	88-1	13438.88	12390.81	12992.90	12940.86	4.06	ppb
Sulfur	34-1	11411.16	11580.80	11590.90	11527.62	0.88	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	526.01	529.59	549.32	534.97	2.35	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	531.37	519.36	504.51	518.41	2.59	ppb
Tin	118-1	538.71	517.90	522.35	526.32	2.08	ppb
Titanium	47-1	5135.94	5148.84	5147.23	5144.00	0.14	ppb
Uranium	238-1	564.39	543.85	534.57	547.60	2.79	ppb
Vanadium	51-2	480.22	486.20	483.70	483.38	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	4903.88	4811.45	4818.26	4844.53	1.06	ppb
Zirconium	90-1	505.21	515.30	511.00	510.50	0.99	ppb
Zirconium	91-1	529.10	508.32	520.63	519.35	2.01	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:33:28	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.52	3.05	2.29	2.95	21.04	ppb
Antimony	121-1	0.03	0.05	0.10	0.06	56.33	ppb
Arsenic	75-2	0.07	0.04	0.02	0.04	63.61	ppb
Barium	135-1	0.05	0.01	0.02	0.03	76.88	ppb
Barium	137-1	0.00	0.00	0.01	0.00	118.47	ppb
Beryllium	9-1	0.13	0.13	0.12	0.13	4.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	13.30	13.20	12.99	13.17	1.21	ppb
Boron	11-1	14.43	13.97	13.70	14.03	2.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.27	-0.28	-0.27		ppb
Cadmium	106-1	-3.83	-4.37	-4.50	-4.24		ppb
Cadmium	108-1	-0.29	-0.10	-0.38	-0.25		ppb
Calcium	43-1	-0.88	-0.03	0.21	-0.23		ppb
Calcium	44-1	2.09	1.83	1.06	1.66	32.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.02	0.02	0.04	67.08	ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-1	0.48	0.42	0.39	0.43	10.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-144.45	-144.45	-38.34	-109.08		ppb
Gold	197-2	-16.94	-16.94	-16.94	-16.94		ppb
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2.33	0.26	-0.08	0.84	155.67	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:33:28	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3.73	1.75	-2.28	1.07	286.81	ppb
Iron	54-2	0.41	0.16	-0.98	-0.14		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	6.91	ppb
Lead	207-1	0.03	0.05	0.02	0.03	43.83	ppb
Lead	208-1	0.05	0.06	0.05	0.05	14.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.95	0.85	0.17	1.99	130.14	ppb
Manganese	55-2	0.16	0.06	0.06	0.09	64.31	ppb
Molybdenum	94-1	0.24	0.23	0.18	0.22	13.43	ppb
Molybdenum	95-1	0.24	0.17	0.19	0.20	18.94	ppb
Molybdenum	96-1	0.20	0.18	0.16	0.18	10.31	ppb
Molybdenum	97-1	0.20	0.22	0.17	0.20	11.48	ppb
Molybdenum	98-1	0.20	0.14	0.16	0.17	17.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.03	0.02	50.67	ppb
Phosphorus	31-2	-23.30	-16.66	-37.19	-25.72		ppb
Potassium	39-2	13.75	8.24	-9.74	4.08	300.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.67	0.00	0.22	173.21	ppb
Selenium	78-2	0.70	0.11	0.14	0.32	104.58	ppb
Selenium	82-1	-0.36	0.11	0.10	-0.05		ppb
Silicon	28-1	-0.94	-0.57	-1.22	-0.91		ppb
Silver	107-1	0.48	0.21	0.16	0.28	60.91	ppb
Silver	109-1	0.42	0.21	0.16	0.26	53.00	ppb
Sodium	23-2	38.16	38.28	22.28	32.91	27.97	ppb
Strontium	86-1	0.03	0.07	0.06	0.05	41.51	ppb
Strontium	88-1	0.06	0.04	0.04	0.05	22.52	ppb
Sulfur	34-1	-904.85	-897.59	-1075.84	-959.43		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.21	0.21	0.20	5.76	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:33:28	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.21	0.23	0.19	0.21	8.65	ppb
Tin	118-1	-0.06	-0.02	0.04	-0.01		ppb
Titanium	47-1	0.12	0.01	-0.04	0.03	255.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	76.49	ppb
Vanadium	51-2	0.06	0.01	0.00	0.02	132.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.08	-0.42	-0.71	-0.40		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.46	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	65.11	ppb

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174	190	184	182	4.49	cps
Antimony	121-1	33	75	75	61	39.37	cps
Arsenic	75-2	16	5	2	8	96.14	cps
Barium	135-1	33	25	0	19	89.21	cps
Barium	137-1	100	133	33	89	57.29	cps
Beryllium	9-1	39	52	40	44	17.37	cps
Bismuth	209-1	6037174	6731438	6607622	6458745	5.73	cps
Bismuth	209-2	3171050	3154472	3573399	3299640	7.19	cps
Boron	10-1	328	378	396	367	9.59	cps
Boron	11-1	1600	1514	1600	1571	3.16	cps
Bromine	81-1	73923	69446	74294	72554	3.72	cps
Cadmium	111-1	3882	4101	3766	3916	4.34	cps
Cadmium	106-1	5593	5876	5426	5632	4.04	cps
Cadmium	108-1	71	54	58	61	14.19	cps
Calcium	43-1	342	394	357	365	7.23	cps
Calcium	44-1	9957	9920	9918	9932	0.22	cps
Carbon	12-1	3797358	3778446	3775949	3783917	0.31	cps
Carbon	12-2	46399	46148	46558	46368	0.45	cps
Chlorine	35-1	275116	273177	271981	273425	0.58	cps
Chlorine	35-2	2234	2284	2134	2217	3.45	cps
Chromium	52-2	660	663	663	662	0.29	cps
Cobalt	59-2	130	100	140	123	16.88	cps
Copper	63-1	3113	2967	2989	3023	2.61	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	7	37	13	19	83.40	cps
Gadolinium	160-1	133	117	75	108	27.74	cps
Gadolinium	160-2	103	150	160	138	21.95	cps
Gold	197-1	8	8	17	11	43.34	cps
Gold	197-2	0	6	6	4	86.60	cps
Holmium	165-1	9203386	10166074	10002994	9790818	5.26	cps
Holmium	165-2	4599246	4224753	4909827	4577942	7.49	cps
Indium	115-1	7505869	8205267	8273550	7994895	5.31	cps
Indium	115-2	1385217	1321288	1587194	1431233	9.70	cps
Iron	56-2	4834	5057	4751	4881	3.24	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	167	194	217	193	13.01	cps
Iron	54-2	961	900	1011	957	5.81	cps
Krypton	83-1	327	350	351	343	3.90	cps
Lead	206-1	861	867	694	807	12.12	cps
Lead	207-1	672	706	689	689	2.42	cps
Lead	208-1	3050	3084	3045	3059	0.69	cps
Lithium	6-1	4348142	4755746	4851275	4651721	5.74	cps
Magnesium	24-2	192	292	233	239	21.03	cps
Manganese	55-2	173	197	140	170	16.75	cps
Molybdenum	94-1	125	158	108	131	19.50	cps
Molybdenum	95-1	33	42	42	39	12.38	cps
Molybdenum	96-1	250	258	208	239	11.21	cps
Molybdenum	97-1	33	42	25	33	25.01	cps
Molybdenum	98-1	92	133	75	100	30.05	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	53	70	79	39.27	cps
Phosphorus	31-2	417	450	383	417	8.00	cps
Potassium	39-2	20999	21058	20883	20980	0.42	cps
Rhodium	103-1	7436001	7944869	8076763	7819211	4.33	cps
Rhodium	103-2	3833184	3606628	4212558	3884123	7.88	cps
Scandium	45-1	5601576	6003741	5971166	5858828	3.81	cps
Scandium	45-2	215215	206795	238223	220078	7.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	90	71	76	16.17	cps
Selenium	82-1	21	26	-26	7	409.07	cps
Silicon	28-1	724018	726814	722094	724309	0.33	cps
Silver	107-1	75	175	67	106	57.11	cps
Silver	109-1	42	58	33	44	28.65	cps
Sodium	23-2	23561	23144	23353	23353	0.89	cps
Strontium	86-1	692	508	550	583	16.48	cps
Strontium	88-1	633	642	450	575	18.84	cps
Sulfur	34-1	384444	387098	380201	383915	0.91	cps
Terbium	159-1	9574341	10600748	10509270	10228120	5.55	cps
Terbium	159-2	4409911	4312646	4949886	4557481	7.53	cps
Thallium	203-1	433	267	250	317	32.01	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	842	883	558	761	23.24	cps
Tin	118-1	3059	2925	3484	3156	9.24	cps
Titanium	47-1	233	233	217	228	4.22	cps
Uranium	238-1	42	108	58	69	49.96	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Ytterbium	172-1	33	83	58	58	42.87	cps
Ytterbium	172-2	44	39	39	41	7.88	cps
Ytterbium	176-1	2034	2067	2009	2036	1.44	cps
Ytterbium	176-2	10471	10388	11844	10901	7.50	cps
Yttrium	89-1	12830235	14251076	13998401	13693237	5.54	cps
Yttrium	89-2	1700705	1650024	1866394	1739041	6.51	cps
Zinc	66-2	573	470	500	514	10.33	cps
Zirconium	90-1	533	550	600	561	6.18	cps
Zirconium	91-1	108	125	75	103	24.77	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 15:41:11 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1570	1584	1520	1558	2.15	cps
Antimony	121-1	12006	11814	11563	11794	1.88	cps
Arsenic	75-2	230	204	223	219	6.14	cps
Barium	135-1	15876	15568	15751	15732	0.99	cps
Barium	137-1	27537	26969	26285	26930	2.33	cps
Beryllium	9-1	3005	2981	2862	2950	2.59	cps
Bismuth	209-1	6557666	6374455	6771328	6567816	3.02	cps
Bismuth	209-2	3380266	2783898	3215637	3126601	9.85	cps
Boron	10-1	9457	10079	10402	9979	4.81	cps
Boron	11-1	41259	44460	44945	43555	4.60	cps
Bromine	81-1	76448	74354	74234	75012	1.66	cps
Cadmium	111-1	5819	6161	6190	6056	3.41	cps
Cadmium	106-1	5910	6110	6026	6015	1.67	cps
Cadmium	108-1	217	142	167	175	21.82	cps
Calcium	43-1	12454	12727	12319	12500	1.66	cps
Calcium	44-1	203125	205105	199030	202420	1.53	cps
Carbon	12-1	3556648	3659384	3614410	3610147	1.43	cps
Carbon	12-2	45204	44343	46006	45184	1.84	cps
Chlorine	35-1	284454	287414	281690	284519	1.01	cps
Chlorine	35-2	2284	1959	2100	2114	7.71	cps
Chromium	52-2	4708	4541	4731	4660	2.22	cps
Cobalt	59-2	3637	3921	3687	3748	4.04	cps
Copper	63-1	21017	21976	20943	21312	2.70	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	13	10	30	18	60.28	cps
Gadolinium	160-1	200	142	58	133	53.40	cps
Gadolinium	160-2	110	113	193	139	33.97	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10132900	10062666	9941930	10045832	0.96	cps
Holmium	165-2	4462907	3781397	4401064	4215123	8.94	cps
Indium	115-1	8281623	8202030	8180211	8221288	0.65	cps
Indium	115-2	1442544	1155728	1391911	1330061	11.51	cps
Iron	56-2	92270	91801	86563	90211	3.51	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:41:11	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2534	2550	2134	2406	9.81	cps
Iron	54-2	5312	6035	5996	5781	7.03	cps
Krypton	83-1	309	362	354	342	8.44	cps
Lead	206-1	6229	6502	6074	6268	3.46	cps
Lead	207-1	5674	5090	5390	5385	5.42	cps
Lead	208-1	25227	24209	24966	24801	2.13	cps
Lithium	6-1	4710569	4777333	4804168	4764023	1.01	cps
Magnesium	24-2	96445	94925	91220	94197	2.85	cps
Manganese	55-2	1213	1387	1367	1322	7.17	cps
Molybdenum	94-1	14942	14558	15167	14889	2.07	cps
Molybdenum	95-1	18713	17762	18304	18260	2.61	cps
Molybdenum	96-1	20332	21091	18930	20118	5.45	cps
Molybdenum	97-1	11138	11088	10821	11016	1.55	cps
Molybdenum	98-1	29557	28931	28280	28923	2.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1103	1043	937	1028	8.21	cps
Phosphorus	31-2	550	483	417	483	13.79	cps
Potassium	39-2	87038	84733	86284	86018	1.37	cps
Rhodium	103-1	7846077	7740234	7753053	7779788	0.74	cps
Rhodium	103-2	3799159	3215755	3751604	3588839	9.03	cps
Scandium	45-1	5644943	5865190	5772800	5760977	1.92	cps
Scandium	45-2	219716	182175	212658	204850	9.74	cps
Selenium	77-2	33	30	13	26	41.94	cps
Selenium	78-2	181	164	149	165	9.72	cps
Selenium	82-1	820	805	879	835	4.67	cps
Silicon	28-1	775015	770570	781202	775596	0.69	cps
Silver	107-1	9929	10312	9579	9940	3.69	cps
Silver	109-1	9687	9770	9612	9690	0.82	cps
Sodium	23-2	190252	193491	186265	190003	1.90	cps
Strontium	86-1	2625	2775	2509	2636	5.07	cps
Strontium	88-1	21092	21292	20574	20986	1.77	cps
Sulfur	34-1	394256	382295	390854	389135	1.58	cps
Terbium	159-1	10206874	10604827	10656378	10489360	2.35	cps
Terbium	159-2	4616083	3730955	4431098	4259379	10.96	cps
Thallium	203-1	6835	6952	6068	6619	7.25	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:41:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	16528	16035	16678	16414	2.05	cps
Tin	118-1	33116	32965	31921	32667	1.99	cps
Titanium	47-1	5618	6035	5910	5854	3.65	cps
Uranium	238-1	21202	20367	21293	20954	2.44	cps
Vanadium	51-2	7752	7682	7766	7733	0.58	cps
Ytterbium	172-1	83	58	42	61	34.32	cps
Ytterbium	172-2	33	17	44	31	44.41	cps
Ytterbium	176-1	1934	2142	2167	2081	6.16	cps
Ytterbium	176-2	10543	8864	10949	10119	10.92	cps
Yttrium	89-1	13995802	14331650	13909143	14078865	1.59	cps
Yttrium	89-2	1713112	1397758	1696439	1602436	11.07	cps
Zinc	66-2	1290	1170	1193	1218	5.22	cps
Zirconium	90-1	13490	12856	12356	12901	4.41	cps
Zirconium	91-1	2709	2700	2584	2664	2.62	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70758	69581	68990	69776	1.29	cps
Antimony	121-1	290472	284791	290406	288556	1.13	cps
Arsenic	75-2	9565	9319	9335	9406	1.46	cps
Barium	135-1	391293	387669	371140	383367	2.80	cps
Barium	137-1	665649	665487	650471	660536	1.32	cps
Beryllium	9-1	134132	134170	131934	133412	0.96	cps
Bismuth	209-1	6903919	6513281	6410476	6609225	3.94	cps
Bismuth	209-2	3231800	3187469	3220742	3213337	0.72	cps
Boron	10-1	27037	27883	28448	27789	2.55	cps
Boron	11-1	116807	123165	127324	122432	4.33	cps
Bromine	81-1	76056	74233	72401	74230	2.46	cps
Cadmium	111-1	97695	96904	94133	96244	1.94	cps
Cadmium	106-1	17186	17261	16185	16877	3.56	cps
Cadmium	108-1	7465	7269	7256	7330	1.59	cps
Calcium	43-1	137780	137083	134413	136425	1.30	cps
Calcium	44-1	2042816	2059696	2129799	2077437	2.22	cps
Carbon	12-1	3726956	3803694	3757964	3762871	1.03	cps
Carbon	12-2	46031	47235	46700	46655	1.29	cps
Chlorine	35-1	294123	293593	292031	293249	0.37	cps
Chlorine	35-2	2659	2175	2409	2414	10.01	cps
Chromium	52-2	94104	95246	91953	93768	1.78	cps
Cobalt	59-2	175929	172356	169651	172645	1.82	cps
Copper	63-1	4920349	4806428	4751759	4826178	1.78	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	125	150	158	144	12.01	cps
Gadolinium	160-2	177	190	87	151	37.19	cps
Gold	197-1	8	8	8	8	0.00	cps
Gold	197-2	11	17	28	19	45.83	cps
Holmium	165-1	10480729	10077226	10090810	10216255	2.24	cps
Holmium	165-2	4446098	4450125	4450476	4448899	0.05	cps
Indium	115-1	8206324	8091171	8202302	8166599	0.80	cps
Indium	115-2	1348534	1354520	1371311	1358122	0.87	cps
Iron	56-2	4409060	4391664	4358303	4386342	0.59	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	106602	101684	104213	104166	2.36	cps
Iron	54-2	237626	231081	226573	231760	2.40	cps
Krypton	83-1	349	326	350	342	3.91	cps
Lead	206-1	1350798	1355652	1329553	1345334	1.03	cps
Lead	207-1	1199746	1195614	1167734	1187698	1.47	cps
Lead	208-1	5629312	5565783	5402912	5532669	2.11	cps
Lithium	6-1	4798565	4781204	4629386	4736385	1.96	cps
Magnesium	24-2	886263	872246	856830	871779	1.69	cps
Manganese	55-2	547303	529291	529443	535346	1.93	cps
Molybdenum	94-1	1204671	1233773	1194979	1211141	1.67	cps
Molybdenum	95-1	1824631	1753835	1787421	1788629	1.98	cps
Molybdenum	96-1	1939110	1904971	1930759	1924947	0.92	cps
Molybdenum	97-1	1090038	1072056	1087353	1083149	0.90	cps
Molybdenum	98-1	2786497	2849053	2822169	2819239	1.11	cps
Neodymium	150-1	80	47	87	71	30.13	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47703	46038	46165	46635	1.99	cps
Phosphorus	31-2	4376	4326	4576	4426	2.99	cps
Potassium	39-2	346660	336047	330608	337772	2.42	cps
Rhodium	103-1	8067555	8171396	7966161	8068371	1.27	cps
Rhodium	103-2	3548991	3571955	3635035	3585327	1.24	cps
Scandium	45-1	5976583	5798174	5638838	5804532	2.91	cps
Scandium	45-2	209139	211326	207745	209403	0.86	cps
Selenium	77-2	297	210	230	246	18.48	cps
Selenium	78-2	919	887	1027	944	7.77	cps
Selenium	82-1	8023	8229	7716	7989	3.23	cps
Silicon	28-1	2093526	2035068	2058885	2062493	1.43	cps
Silver	107-1	485312	491025	478731	485023	1.27	cps
Silver	109-1	465211	460947	453100	459753	1.34	cps
Sodium	23-2	1692574	1689270	1660787	1680877	1.04	cps
Strontium	86-1	2880927	2877917	2891705	2883516	0.25	cps
Strontium	88-1	24741138	24315148	24859534	24638607	1.16	cps
Sulfur	34-1	443231	432845	431992	436023	1.44	cps
Terbium	159-1	10897142	10811610	10411535	10706762	2.42	cps
Terbium	159-2	4545407	4444127	4469000	4486178	1.18	cps
Thallium	203-1	313152	314981	308266	312133	1.11	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:44:22	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	785652	772628	747634	768638	2.51	cps
Tin	118-1	289785	292130	286220	289378	1.03	cps
Titanium	47-1	555722	540390	531640	542584	2.25	cps
Uranium	238-1	1036166	1048337	1012062	1032188	1.79	cps
Vanadium	51-2	75391	74815	74148	74785	0.83	cps
Ytterbium	172-1	83	67	117	89	28.64	cps
Ytterbium	172-2	6	39	28	24	70.49	cps
Ytterbium	176-1	3092	3059	3150	3100	1.50	cps
Ytterbium	176-2	10465	10927	10515	10636	2.38	cps
Yttrium	89-1	14664883	14185716	13638195	14162931	3.63	cps
Yttrium	89-2	1644549	1687370	1689228	1673716	1.51	cps
Zinc	66-2	165237	163720	158138	162365	2.30	cps
Zirconium	90-1	602847	598607	602816	601423	0.41	cps
Zirconium	91-1	134854	137873	134674	135801	1.32	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171585	166857	168669	169037	1.41	cps
Antimony	121-1	741160	733140	726656	733652	0.99	cps
Arsenic	75-2	24078	23175	22993	23415	2.48	cps
Barium	135-1	998483	1019405	983425	1000438	1.81	cps
Barium	137-1	1798526	1725433	1761529	1761829	2.07	cps
Beryllium	9-1	329700	332362	329010	330357	0.54	cps
Bismuth	209-1	6584306	5967634	6585322	6379087	5.59	cps
Bismuth	209-2	3132731	3052111	3235703	3140182	2.93	cps
Boron	10-1	67572	71379	73324	70759	4.13	cps
Boron	11-1	296597	315422	318409	310143	3.81	cps
Bromine	81-1	75383	69555	69494	71477	4.73	cps
Cadmium	111-1	236808	241958	232105	236957	2.08	cps
Cadmium	106-1	32556	32556	32531	32548	0.04	cps
Cadmium	108-1	18354	18922	18204	18493	2.05	cps
Calcium	43-1	339935	341889	332752	338192	1.42	cps
Calcium	44-1	5140272	5216889	5185188	5180783	0.74	cps
Carbon	12-1	3987505	4096504	4087996	4057335	1.49	cps
Carbon	12-2	49660	49919	51675	50418	2.17	cps
Chlorine	35-1	285912	285860	286369	286047	0.10	cps
Chlorine	35-2	2550	2467	2225	2414	6.99	cps
Chromium	52-2	237600	232234	233039	234291	1.24	cps
Cobalt	59-2	438350	428205	425593	430716	1.56	cps
Copper	63-1	11901232	12214884	11675047	11930388	2.27	cps
Dysprosium	156-1	33	83	75	64	41.93	cps
Dysprosium	156-2	20	33	27	27	24.99	cps
Erbium	164-1	92	67	25	61	55.11	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	150	217	150	172	22.35	cps
Gadolinium	160-2	143	200	180	174	16.47	cps
Gold	197-1	0	17	8	8	100.02	cps
Gold	197-2	28	28	50	35	36.46	cps
Holmium	165-1	10339011	9297370	10424621	10020334	6.26	cps
Holmium	165-2	4419166	4353666	4387173	4386668	0.75	cps
Indium	115-1	8219878	7809974	8046851	8025567	2.56	cps
Indium	115-2	1325497	1318576	1320023	1321365	0.28	cps
Iron	56-2	10894622	10898693	10642973	10812096	1.35	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	266014	255424	254692	258710	2.45	cps
Iron	54-2	583403	574477	595309	584396	1.79	cps
Krypton	83-1	331	336	339	335	1.14	cps
Lead	206-1	3782553	3648023	3679063	3703213	1.90	cps
Lead	207-1	3195631	3166493	3296662	3219595	2.12	cps
Lead	208-1	14711918	14573714	14797614	14694415	0.77	cps
Lithium	6-1	4651944	4312909	4676702	4547185	4.47	cps
Magnesium	24-2	2319197	2194198	2175384	2229593	3.51	cps
Manganese	55-2	1406228	1374183	1380981	1387131	1.22	cps
Molybdenum	94-1	3077870	3175841	2957835	3070515	3.56	cps
Molybdenum	95-1	4490815	4544463	4236944	4424074	3.71	cps
Molybdenum	96-1	4823187	4921895	4700518	4815200	2.30	cps
Molybdenum	97-1	2739944	2711325	2694135	2715135	0.85	cps
Molybdenum	98-1	7095066	7187884	6920279	7067743	1.92	cps
Neodymium	150-1	120	120	73	104	25.79	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	119821	116484	112676	116327	3.07	cps
Phosphorus	31-2	11088	10804	10671	10854	1.96	cps
Potassium	39-2	831907	809514	803295	814905	1.85	cps
Rhodium	103-1	8094889	7435916	7928678	7819827	4.38	cps
Rhodium	103-2	3496763	3636838	3554750	3562783	1.98	cps
Scandium	45-1	5700956	5295942	5630347	5542415	3.90	cps
Scandium	45-2	206091	205222	206207	205840	0.26	cps
Selenium	77-2	743	743	570	686	14.60	cps
Selenium	78-2	2325	2259	2231	2272	2.12	cps
Selenium	82-1	19625	19672	19602	19633	0.18	cps
Silicon	28-1	3989849	4126737	4077297	4064628	1.71	cps
Silver	107-1	1222283	1202203	1187005	1203830	1.47	cps
Silver	109-1	1157428	1176571	1156320	1163440	0.98	cps
Sodium	23-2	4259062	4115830	4080394	4151762	2.28	cps
Strontium	86-1	7130906	7103412	7030055	7088124	0.74	cps
Strontium	88-1	60307974	62472353	61190160	61323496	1.77	cps
Sulfur	34-1	512729	514055	506375	511053	0.80	cps
Terbium	159-1	10306748	9861868	10390556	10186391	2.79	cps
Terbium	159-2	4429747	4491720	4498125	4473197	0.84	cps
Thallium	203-1	821721	812128	803023	812291	1.15	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:47:28	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2061714	2101405	2047138	2070086	1.36	cps
Tin	118-1	737410	721098	700125	719544	2.60	cps
Titanium	47-1	1354667	1364920	1329902	1349830	1.33	cps
Uranium	238-1	2799627	2799440	2771174	2790080	0.59	cps
Vanadium	51-2	188486	188373	188251	188370	0.06	cps
Ytterbium	172-1	33	67	92	64	45.81	cps
Ytterbium	172-2	33	6	28	22	66.13	cps
Ytterbium	176-1	4101	3817	4201	4040	4.92	cps
Ytterbium	176-2	11160	11038	11322	11173	1.27	cps
Yttrium	89-1	13681302	12801025	13967776	13483368	4.51	cps
Yttrium	89-2	1641919	1631508	1607991	1627139	1.07	cps
Zinc	66-2	405603	405252	401330	404062	0.59	cps
Zirconium	90-1	1598054	1600600	1560777	1586477	1.41	cps
Zirconium	91-1	340943	357575	336836	345118	3.18	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325327	320743	319590	321887	0.94	cps
Antimony	121-1	1445601	1448235	1394468	1429434	2.12	cps
Arsenic	75-2	46253	44996	45348	45532	1.42	cps
Barium	135-1	1967066	2058194	1988993	2004751	2.37	cps
Barium	137-1	3352758	3503395	3464157	3440103	2.27	cps
Beryllium	9-1	630544	636332	627999	631625	0.68	cps
Bismuth	209-1	6331555	6917913	6428594	6559354	4.79	cps
Bismuth	209-2	3055423	3083216	3147968	3095535	1.53	cps
Boron	10-1	133023	140263	141937	138408	3.42	cps
Boron	11-1	584348	617004	630351	610568	3.88	cps
Bromine	81-1	72825	69946	66295	69689	4.70	cps
Cadmium	111-1	454963	458856	459359	457726	0.53	cps
Cadmium	106-1	58927	58910	56819	58219	2.08	cps
Cadmium	108-1	36933	36185	36695	36604	1.04	cps
Calcium	43-1	660597	657438	656745	658260	0.31	cps
Calcium	44-1	10140226	9971661	10136475	10082787	0.95	cps
Carbon	12-1	4216818	4114936	4294948	4208901	2.14	cps
Carbon	12-2	56099	55255	55899	55751	0.79	cps
Chlorine	35-1	279565	281509	273898	278324	1.42	cps
Chlorine	35-2	2517	2159	2092	2256	10.13	cps
Chromium	52-2	463171	450524	439098	450931	2.67	cps
Cobalt	59-2	838768	826480	823232	829493	0.99	cps
Copper	63-1	23148813	22776670	22571861	22832448	1.28	cps
Dysprosium	156-1	142	142	75	119	32.23	cps
Dysprosium	156-2	40	53	17	37	50.61	cps
Erbium	164-1	42	58	17	39	53.92	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	175	117	175	156	21.65	cps
Gadolinium	160-2	157	143	140	147	6.01	cps
Gold	197-1	8	25	42	25	66.68	cps
Gold	197-2	28	28	83	46	69.28	cps
Holmium	165-1	9394846	10271146	10692520	10119504	6.54	cps
Holmium	165-2	4381853	4476613	4501328	4453265	1.42	cps
Indium	115-1	7723032	8157257	7998175	7959488	2.76	cps
Indium	115-2	1286463	1277877	1303339	1289226	1.00	cps
Iron	56-2	20882523	20633175	20736220	20750639	0.60	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	509195	501859	495418	502157	1.37	cps
Iron	54-2	1153630	1109214	1084853	1115899	3.13	cps
Krypton	83-1	324	330	292	315	6.37	cps
Lead	206-1	7168889	7251554	6880852	7100432	2.74	cps
Lead	207-1	6339804	6232211	6220383	6264133	1.05	cps
Lead	208-1	28734365	28751059	28242136	28575853	1.01	cps
Lithium	6-1	4341569	4668428	4469661	4493219	3.67	cps
Magnesium	24-2	4262996	4355273	4293295	4303855	1.09	cps
Manganese	55-2	2726613	2666989	2610555	2668052	2.18	cps
Molybdenum	94-1	6000387	5778111	5951210	5909903	1.98	cps
Molybdenum	95-1	8678171	8455441	8746834	8626815	1.77	cps
Molybdenum	96-1	9509352	9414645	9354494	9426163	0.83	cps
Molybdenum	97-1	5277863	5244747	5335915	5286175	0.87	cps
Molybdenum	98-1	13893806	13934709	14049035	13959183	0.58	cps
Neodymium	150-1	233	280	207	240	15.47	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	229310	220457	220646	223471	2.26	cps
Phosphorus	31-2	19948	20707	20548	20401	1.96	cps
Potassium	39-2	1616984	1653047	1572077	1614036	2.51	cps
Rhodium	103-1	7460289	7612550	7645378	7572739	1.30	cps
Rhodium	103-2	3386565	3436781	3404173	3409173	0.75	cps
Scandium	45-1	5411560	5545142	5715243	5557315	2.74	cps
Scandium	45-2	199321	200934	198597	199617	0.60	cps
Selenium	77-2	1187	1307	1220	1238	5.00	cps
Selenium	78-2	4240	4111	4209	4187	1.61	cps
Selenium	82-1	39051	38858	38599	38836	0.58	cps
Silicon	28-1	7177902	7456871	7209088	7281287	2.10	cps
Silver	107-1	2411237	2372061	2371312	2384870	0.96	cps
Silver	109-1	2309535	2234331	2335801	2293222	2.30	cps
Sodium	23-2	8114213	8170500	8148675	8144463	0.35	cps
Strontium	86-1	13810826	14173964	13903777	13962856	1.35	cps
Strontium	88-1	119296828	122539982	121073574	120970128	1.34	cps
Sulfur	34-1	625067	631726	615631	624141	1.30	cps
Terbium	159-1	10262740	11002690	10444845	10570092	3.65	cps
Terbium	159-2	4495022	4479566	4440770	4471786	0.63	cps
Thallium	203-1	1619348	1693905	1575129	1629461	3.68	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:50:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3946512	3993643	3859855	3933337	1.73	cps
Tin	118-1	1410819	1412876	1410556	1411417	0.09	cps
Titanium	47-1	2702095	2605911	2610448	2639484	2.06	cps
Uranium	238-1	5457043	5508226	5456426	5473898	0.54	cps
Vanadium	51-2	369764	365913	355184	363620	2.08	cps
Ytterbium	172-1	75	67	100	81	21.53	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	5451	5635	5668	5585	2.09	cps
Ytterbium	176-2	11294	12106	12117	11839	3.99	cps
Yttrium	89-1	12899395	13331113	13588558	13273022	2.62	cps
Yttrium	89-2	1575897	1589711	1576797	1580801	0.49	cps
Zinc	66-2	791771	779088	763749	778203	1.80	cps
Zirconium	90-1	3003929	3050823	3054529	3036427	0.93	cps
Zirconium	91-1	674586	667383	680774	674248	0.99	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630337	627292	615762	624464	1.23	cps
Antimony	121-1	3033945	2872288	2927766	2944666	2.79	cps
Arsenic	75-2	89257	88812	87846	88638	0.81	cps
Barium	135-1	3925843	3954215	4033540	3971199	1.41	cps
Barium	137-1	6761757	6592787	6742095	6698880	1.38	cps
Beryllium	9-1	1265059	1271158	1232640	1256286	1.65	cps
Bismuth	209-1	6513222	6230118	6118929	6287423	3.23	cps
Bismuth	209-2	2804595	2744564	2916241	2821800	3.09	cps
Boron	10-1	261581	271027	272625	268411	2.22	cps
Boron	11-1	1076742	1151313	1148378	1125478	3.75	cps
Bromine	81-1	70992	67361	69364	69239	2.63	cps
Cadmium	111-1	903945	878590	883048	888528	1.52	cps
Cadmium	106-1	109425	108317	105873	107872	1.68	cps
Cadmium	108-1	71350	71154	68570	70358	2.21	cps
Calcium	43-1	1360402	1314454	1305006	1326621	2.23	cps
Calcium	44-1	19219043	19396746	19135134	19250307	0.69	cps
Carbon	12-1	4614918	4658542	5148689	4807383	6.17	cps
Carbon	12-2	66343	66024	66510	66292	0.37	cps
Chlorine	35-1	258644	258759	256191	257865	0.56	cps
Chlorine	35-2	2125	1733	2100	1986	11.04	cps
Chromium	52-2	903525	866514	866294	878777	2.44	cps
Cobalt	59-2	1643831	1674062	1651830	1656574	0.95	cps
Copper	63-1	45210282	44505079	44480494	44731952	0.93	cps
Dysprosium	156-1	183	192	208	194	6.55	cps
Dysprosium	156-2	50	70	50	57	20.38	cps
Erbium	164-1	100	75	33	69	48.50	cps
Erbium	164-2	17	23	33	24	34.31	cps
Gadolinium	160-1	300	233	217	250	17.64	cps
Gadolinium	160-2	163	183	170	172	5.91	cps
Gold	197-1	25	25	17	22	21.64	cps
Gold	197-2	139	111	139	130	12.37	cps
Holmium	165-1	10486047	10091082	9819005	10132045	3.31	cps
Holmium	165-2	3967665	3802584	4017390	3929213	2.86	cps
Indium	115-1	8232931	7614229	7726773	7857978	4.19	cps
Indium	115-2	1128692	1117484	1161896	1136024	2.03	cps
Iron	56-2	40910258	39653461	39794083	40119267	1.72	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	980188	981419	946603	969403	2.04	cps
Iron	54-2	2365238	2295476	2147198	2269304	4.91	cps
Krypton	83-1	340	310	349	333	6.10	cps
Lead	206-1	14233274	14401824	14183595	14272898	0.80	cps
Lead	207-1	12895974	12293798	12621096	12603622	2.39	cps
Lead	208-1	57964857	57782195	56505242	57417431	1.39	cps
Lithium	6-1	4569332	4346828	4277998	4398052	3.46	cps
Magnesium	24-2	8571829	8081524	8265325	8306226	2.98	cps
Manganese	55-2	5263941	5207618	5044133	5171897	2.21	cps
Molybdenum	94-1	11956535	11518546	11453216	11642766	2.35	cps
Molybdenum	95-1	17069185	16889777	16595920	16851628	1.42	cps
Molybdenum	96-1	18798072	18670787	18640704	18703188	0.45	cps
Molybdenum	97-1	10444565	10415579	10493911	10451352	0.38	cps
Molybdenum	98-1	27100649	26647699	27527659	27092002	1.62	cps
Neodymium	150-1	360	400	533	431	21.05	cps
Neodymium	150-2	50	23	50	41	37.46	cps
Nickel	60-2	433208	439469	423475	432050	1.87	cps
Phosphorus	31-2	39864	37909	38678	38817	2.54	cps
Potassium	39-2	2949278	2970763	2959438	2959826	0.36	cps
Rhodium	103-1	7622666	7131837	7201019	7318507	3.63	cps
Rhodium	103-2	3080546	3025412	3186018	3097326	2.63	cps
Scandium	45-1	5657841	5348741	5479277	5495286	2.82	cps
Scandium	45-2	178362	172077	181407	177282	2.68	cps
Selenium	77-2	2597	2580	2644	2607	1.26	cps
Selenium	78-2	8302	8341	7969	8204	2.49	cps
Selenium	82-1	75878	75098	73601	74859	1.55	cps
Silicon	28-1	13519745	13106704	13312366	13312938	1.55	cps
Silver	107-1	4715602	4455253	4534278	4568377	2.92	cps
Silver	109-1	4405864	4416714	4282467	4368348	1.71	cps
Sodium	23-2	16089427	15102359	15684151	15625312	3.18	cps
Strontium	86-1	28397616	27323481	27030003	27583700	2.61	cps
Strontium	88-1	250862564	238489880	233866239	241072894	3.65	cps
Sulfur	34-1	876595	845896	846879	856457	2.04	cps
Terbium	159-1	10940024	10148578	10365678	10484760	3.90	cps
Terbium	159-2	3947274	3983844	3996563	3975894	0.64	cps
Thallium	203-1	3341319	3379742	3306978	3342679	1.09	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:53:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7936707	7970637	7620600	7842648	2.46	cps
Tin	118-1	2896509	2805517	2889448	2863825	1.77	cps
Titanium	47-1	5106398	5063489	5131214	5100367	0.67	cps
Uranium	238-1	10795427	11230872	10766506	10930935	2.38	cps
Vanadium	51-2	732789	710613	705138	716180	2.04	cps
Ytterbium	172-1	50	83	25	53	55.46	cps
Ytterbium	172-2	39	56	61	52	22.30	cps
Ytterbium	176-1	10012	9187	9178	9459	5.07	cps
Ytterbium	176-2	12245	11945	11967	12052	1.39	cps
Yttrium	89-1	13997924	12986153	12978390	13320822	4.40	cps
Yttrium	89-2	1371899	1421066	1424072	1405679	2.08	cps
Zinc	66-2	1536408	1554106	1507645	1532720	1.53	cps
Zirconium	90-1	6003106	5843812	5761964	5869627	2.09	cps
Zirconium	91-1	1376274	1360144	1315589	1350669	2.33	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1405292	1372213	1346970	1374825	2.13	cps
Antimony	121-1	5705443	5697725	5865962	5756377	1.65	cps
Arsenic	75-2	184565	179865	177102	180511	2.09	cps
Barium	135-1	8325959	8350994	8044410	8240454	2.07	cps
Barium	137-1	13672174	13613187	13521923	13602428	0.56	cps
Beryllium	9-1	2399231	2414744	2362251	2392075	1.13	cps
Bismuth	209-1	6435806	6641298	6639382	6572162	1.80	cps
Bismuth	209-2	3090962	2957516	3079155	3042545	2.43	cps
Boron	10-1	614197	639074	649248	634173	2.84	cps
Boron	11-1	2553293	2680742	2689727	2641254	2.89	cps
Bromine	81-1	69021	69262	68227	68837	0.79	cps
Cadmium	111-1	1774759	1772557	1807973	1785097	1.11	cps
Cadmium	106-1	210949	212788	212160	211965	0.44	cps
Cadmium	108-1	140889	140897	141717	141167	0.34	cps
Calcium	43-1	2768138	2749660	2661824	2726540	2.08	cps
Calcium	44-1	40911330	40198658	39303881	40137956	2.01	cps
Carbon	12-1	5282490	5415241	5638658	5445463	3.31	cps
Carbon	12-2	72228	74506	73200	73311	1.56	cps
Chlorine	35-1	264020	269944	268424	267463	1.15	cps
Chlorine	35-2	2025	2175	2092	2097	3.58	cps
Chromium	52-2	1919440	1912394	1931209	1921015	0.49	cps
Cobalt	59-2	3495005	3509194	3380417	3461539	2.04	cps
Copper	63-1	86995175	87720665	86831025	87182288	0.54	cps
Dysprosium	156-1	425	425	400	417	3.46	cps
Dysprosium	156-2	167	143	143	151	8.91	cps
Erbium	164-1	175	133	167	158	13.92	cps
Erbium	164-2	20	37	43	33	36.05	cps
Gadolinium	160-1	333	250	333	306	15.75	cps
Gadolinium	160-2	227	210	227	221	4.35	cps
Gold	197-1	150	83	83	106	36.46	cps
Gold	197-2	233	144	178	185	24.25	cps
Holmium	165-1	10364081	10922235	11092315	10792877	3.53	cps
Holmium	165-2	4690754	4476484	4539860	4569032	2.41	cps
Indium	115-1	7798409	7894600	8626834	8106614	5.59	cps
Indium	115-2	1329228	1271022	1268185	1289478	2.67	cps
Iron	56-2	85041352	84450716	80827824	83439964	2.73	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2166131	2169869	2089676	2141892	2.11	cps
Iron	54-2	4674496	4642529	4539232	4618753	1.53	cps
Krypton	83-1	325	349	344	339	3.69	cps
Lead	206-1	28794646	29551212	28187433	28844430	2.37	cps
Lead	207-1	25508071	24798164	25291490	25199242	1.44	cps
Lead	208-1	116536475	115489660	114498972	115508369	0.88	cps
Lithium	6-1	4524812	4555392	4599140	4559781	0.82	cps
Magnesium	24-2	17842001	17199223	16611218	17217481	3.58	cps
Manganese	55-2	10777155	10456156	10481782	10571697	1.69	cps
Molybdenum	94-1	23499423	24088033	24056014	23881157	1.39	cps
Molybdenum	95-1	34859142	35353577	35542666	35251795	1.00	cps
Molybdenum	96-1	38367307	38401912	37295257	38021492	1.65	cps
Molybdenum	97-1	20850509	20948496	21544149	21114385	1.78	cps
Molybdenum	98-1	56350960	57131878	57437497	56973445	0.98	cps
Neodymium	150-1	1120	1067	1013	1067	5.00	cps
Neodymium	150-2	97	40	53	63	46.78	cps
Nickel	60-2	906223	888955	872668	889282	1.89	cps
Phosphorus	31-2	82015	81697	77114	80276	3.42	cps
Potassium	39-2	6356073	6441955	6234744	6344257	1.64	cps
Rhodium	103-1	7304621	7683392	7940539	7642851	4.19	cps
Rhodium	103-2	3665945	3356268	3502329	3508181	4.42	cps
Scandium	45-1	5567570	5554854	5819409	5647278	2.64	cps
Scandium	45-2	213153	201064	203393	205870	3.12	cps
Selenium	77-2	4931	4537	4851	4773	4.36	cps
Selenium	78-2	16664	16413	16096	16391	1.74	cps
Selenium	82-1	151043	148735	148645	149474	0.91	cps
Silicon	28-1	32308546	32134440	32813230	32418739	1.09	cps
Silver	107-1	8904044	9139461	8837170	8960225	1.77	cps
Silver	109-1	8472132	8822291	8663136	8652520	2.03	cps
Sodium	23-2	33592111	33267812	32031655	32963859	2.50	cps
Strontium	86-1	54742318	56884245	56997133	56207898	2.26	cps
Strontium	88-1	493529711	490081494	482873644	488828283	1.11	cps
Sulfur	34-1	1161475	1139316	1149730	1150174	0.96	cps
Terbium	159-1	10916887	10809797	11578287	11101657	3.75	cps
Terbium	159-2	4560882	4431262	4481245	4491129	1.46	cps
Thallium	203-1	6738482	7115643	6921663	6925262	2.72	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 15:59:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	15897477	16712276	15682856	16097536	3.37	cps
Tin	118-1	5759390	5714890	5684268	5719516	0.66	cps
Titanium	47-1	10499122	10154063	10202540	10285241	1.82	cps
Uranium	238-1	22705703	22545851	22159587	22470380	1.25	cps
Vanadium	51-2	1530273	1564948	1550119	1548446	1.12	cps
Ytterbium	172-1	108	133	100	114	15.23	cps
Ytterbium	172-2	67	56	44	56	20.00	cps
Ytterbium	176-1	17696	18171	17504	17790	1.93	cps
Ytterbium	176-2	17712	17117	16666	17165	3.06	cps
Yttrium	89-1	13940179	14297391	14279595	14172388	1.42	cps
Yttrium	89-2	1681151	1601688	1642682	1641840	2.42	cps
Zinc	66-2	3156501	3082884	3031259	3090214	2.04	cps
Zirconium	90-1	12305049	12413552	12076863	12265154	1.40	cps
Zirconium	91-1	2849976	2843356	2821906	2838413	0.52	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 16:03:07 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5790625	5848589	5732741	5790652	1.00	cps
Antimony	121-1	4651	4901	5468	5007	8.36	cps
Arsenic	75-2	141	124	128	131	6.79	cps
Barium	135-1	4026	3467	3434	3642	9.13	cps
Barium	137-1	6877	5935	6318	6377	7.43	cps
Beryllium	9-1	437	435	409	427	3.73	cps
Bismuth	209-1	4729170	6081892	5982801	5597954	13.47	cps
Bismuth	209-2	2652833	2798503	2692930	2714756	2.77	cps
Boron	10-1	49759	46520	42118	46132	8.31	cps
Boron	11-1	218486	201606	184571	201554	8.41	cps
Bromine	81-1	66186	68902	69132	68073	2.41	cps
Cadmium	111-1	3569	4608	4686	4288	14.55	cps
Cadmium	106-1	4843	6318	6260	5807	14.39	cps
Cadmium	108-1	179	158	125	154	17.72	cps
Calcium	43-1	11674706	11298963	11257147	11410272	2.02	cps
Calcium	44-1	185832286	184863447	182036071	184243935	1.07	cps
Carbon	12-1	4513264	4701084	4764239	4659529	2.80	cps
Carbon	12-2	61823	65287	63564	63558	2.73	cps
Chlorine	35-1	253884	256949	257283	256039	0.73	cps
Chlorine	35-2	2150	2125	2275	2184	3.68	cps
Chromium	52-2	5628	5484	5508	5540	1.39	cps
Cobalt	59-2	12569	12242	12669	12493	1.79	cps
Copper	63-1	148230	144217	144984	145811	1.46	cps
Dysprosium	156-1	992	1017	908	972	5.83	cps
Dysprosium	156-2	303	303	313	307	1.88	cps
Erbium	164-1	50	42	125	72	63.55	cps
Erbium	164-2	30	30	13	24	39.37	cps
Gadolinium	160-1	542	692	592	608	12.56	cps
Gadolinium	160-2	387	393	383	388	1.31	cps
Gold	197-1	8	0	17	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8398243	11059467	10530778	9996163	14.09	cps
Holmium	165-2	4338464	4463461	4165606	4322510	3.46	cps
Indium	115-1	6399510	8093643	7978412	7490522	12.64	cps
Indium	115-2	1260984	1276468	1249292	1262248	1.08	cps
Iron	56-2	381551575	379454642	375076508	378694242	0.87	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:03:07	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	9672027	9648587	9311750	9544122	2.11	cps
Iron	54-2	20880593	20915825	21108797	20968405	0.59	cps
Krypton	83-1	345	374	389	369	6.02	cps
Lead	206-1	5440	5318	5123	5294	3.02	cps
Lead	207-1	5401	4495	4640	4845	10.05	cps
Lead	208-1	23031	20762	21474	21756	5.33	cps
Lithium	6-1	3784298	4572628	4352816	4236581	9.60	cps
Magnesium	24-2	80168018	80933108	79669112	80256746	0.79	cps
Manganese	55-2	6055	5978	5831	5955	1.91	cps
Molybdenum	94-1	9412	8361	9070	8948	5.99	cps
Molybdenum	95-1	11038	9770	9220	10009	9.31	cps
Molybdenum	96-1	29315	29365	27386	28689	3.93	cps
Molybdenum	97-1	7235	6418	5826	6493	10.90	cps
Molybdenum	98-1	17245	16110	15042	16132	6.83	cps
Neodymium	150-1	93	73	67	78	17.85	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	3487	3384	3157	3343	5.05	cps
Phosphorus	31-2	400	408	308	372	14.91	cps
Potassium	39-2	31143366	31267478	30294318	30901721	1.71	cps
Rhodium	103-1	5726978	7562196	6998027	6762400	13.90	cps
Rhodium	103-2	3198533	3360521	3194805	3251286	2.91	cps
Scandium	45-1	4566993	5832742	5700619	5366785	12.96	cps
Scandium	45-2	203237	206112	199101	202817	1.74	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	70	94	75	80	15.89	cps
Selenium	82-1	226	239	172	212	16.57	cps
Silicon	28-1	1643387	1723405	1731903	1699565	2.87	cps
Silver	107-1	3000	2725	2842	2856	4.83	cps
Silver	109-1	3126	2942	2909	2992	3.90	cps
Sodium	23-2	156933287	158471524	152349724	155918178	2.04	cps
Strontium	86-1	16151	14833	15409	15465	4.27	cps
Strontium	88-1	134122	126645	125650	128805	3.60	cps
Sulfur	34-1	306512	314872	316163	312515	1.68	cps
Terbium	159-1	9011763	11195892	10628872	10278842	11.03	cps
Terbium	159-2	4373250	4492212	4245875	4370446	2.82	cps
Thallium	203-1	2292	2484	2575	2450	5.90	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:03:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6352	5410	5468	5743	9.19	cps
Tin	118-1	7369	6935	6802	7035	4.21	cps
Titanium	47-1	1675	1375	1600	1550	10.07	cps
Uranium	238-1	2084	1417	1700	1734	19.30	cps
Vanadium	51-2	600	570	627	599	4.73	cps
Ytterbium	172-1	175	233	267	225	20.62	cps
Ytterbium	172-2	83	67	78	76	11.18	cps
Ytterbium	176-1	2034	2292	2042	2122	6.92	cps
Ytterbium	176-2	10176	10265	10193	10212	0.46	cps
Yttrium	89-1	10704639	14215584	13652175	12857466	14.67	cps
Yttrium	89-2	1589413	1624259	1571390	1595020	1.69	cps
Zinc	66-2	2430	2367	2484	2427	2.41	cps
Zirconium	90-1	6468	6043	5560	6024	7.55	cps
Zirconium	91-1	1183	1225	1125	1178	4.26	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33891	33643	33176	33570	1.08	cps
Antimony	121-1	1150184	1140368	1120728	1137093	1.32	cps
Arsenic	75-2	37888	36869	36707	37155	1.72	cps
Barium	135-1	154658	150704	153322	152894	1.32	cps
Barium	137-1	273168	263801	267695	268221	1.75	cps
Beryllium	9-1	260389	257087	258961	258812	0.64	cps
Bismuth	209-1	6586807	7238366	6716779	6847318	5.04	cps
Bismuth	209-2	3261643	3277945	3057059	3198882	3.85	cps
Boron	10-1	9035	8575	8477	8696	3.43	cps
Boron	11-1	38771	37274	36646	37564	2.91	cps
Bromine	81-1	68970	68198	70842	69337	1.96	cps
Cadmium	111-1	189825	181316	187048	186063	2.33	cps
Cadmium	106-1	21951	22636	21142	21910	3.41	cps
Cadmium	108-1	12472	12293	11980	12249	2.03	cps
Calcium	43-1	45793	44827	46129	45583	1.48	cps
Calcium	44-1	734252	730597	739477	734776	0.61	cps
Carbon	12-1	3577732	3599776	3532465	3569991	0.96	cps
Carbon	12-2	44903	44385	46968	45418	3.01	cps
Chlorine	35-1	276376	282323	277933	278877	1.11	cps
Chlorine	35-2	2284	2067	1909	2086	9.02	cps
Chromium	52-2	189354	185093	185391	186612	1.27	cps
Cobalt	59-2	346336	345605	330592	340845	2.61	cps
Copper	63-1	811812	806453	810182	809482	0.34	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	117	167	108	131	24.16	cps
Gadolinium	160-2	160	133	153	149	9.32	cps
Gold	197-1	17	0	0	6	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9897343	11620189	9803540	10440357	9.80	cps
Holmium	165-2	4303885	4417356	4202476	4307905	2.50	cps
Indium	115-1	8093228	8703287	8080640	8292385	4.29	cps
Indium	115-2	1272140	1310022	1268997	1283720	1.78	cps
Iron	56-2	3285243	3379967	3202813	3289341	2.70	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	77299	79694	75963	77652	2.43	cps
Iron	54-2	184073	178624	177578	180092	1.94	cps
Krypton	83-1	355	317	309	327	7.51	cps
Lead	206-1	1202191	1195131	1183601	1193641	0.79	cps
Lead	207-1	1008586	976327	972272	985728	2.02	cps
Lead	208-1	4781121	4782307	4750615	4771347	0.38	cps
Lithium	6-1	4393517	4972825	4554798	4640380	6.44	cps
Magnesium	24-2	204398	195455	193873	197909	2.87	cps
Manganese	55-2	106538	104356	101431	104108	2.46	cps
Molybdenum	94-1	683	633	717	678	6.19	cps
Molybdenum	95-1	958	783	642	794	19.97	cps
Molybdenum	96-1	1233	1233	1242	1236	0.39	cps
Molybdenum	97-1	542	367	492	467	19.32	cps
Molybdenum	98-1	1317	1342	1392	1350	2.83	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	93536	92862	88906	91768	2.73	cps
Phosphorus	31-2	375	442	425	414	8.38	cps
Potassium	39-2	259583	253703	251249	254845	1.68	cps
Rhodium	103-1	7752009	8636893	7712506	8033803	6.51	cps
Rhodium	103-2	3486996	3408216	3510713	3468642	1.55	cps
Scandium	45-1	5479769	5832952	5497803	5603508	3.55	cps
Scandium	45-2	191816	199097	193141	194685	1.99	cps
Selenium	77-2	1020	1073	1000	1031	3.68	cps
Selenium	78-2	3622	3572	3438	3544	2.69	cps
Selenium	82-1	32442	32064	32186	32231	0.60	cps
Silicon	28-1	673250	663363	679903	672172	1.24	cps
Silver	107-1	469026	460068	457209	462101	1.33	cps
Silver	109-1	446696	441659	439940	442765	0.79	cps
Sodium	23-2	657206	654027	640394	650543	1.37	cps
Strontium	86-1	1108	983	1217	1103	10.59	cps
Strontium	88-1	5718	5843	6035	5865	2.72	cps
Sulfur	34-1	324869	328690	325316	326292	0.64	cps
Terbium	159-1	10328108	11206264	10242396	10592256	5.04	cps
Terbium	159-2	4360585	4272043	4180144	4270924	2.11	cps
Thallium	203-1	1404876	1445364	1450998	1433746	1.75	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:15:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3634697	3501503	3639851	3592017	2.18	cps
Tin	118-1	2709	2925	3076	2903	6.35	cps
Titanium	47-1	242	292	258	264	9.65	cps
Uranium	238-1	42	58	33	44	28.65	cps
Vanadium	51-2	146204	143571	140961	143579	1.83	cps
Ytterbium	172-1	50	58	75	61	20.83	cps
Ytterbium	172-2	33	0	28	20	87.67	cps
Ytterbium	176-1	1742	2175	2142	2020	11.94	cps
Ytterbium	176-2	10149	10566	10699	10471	2.74	cps
Yttrium	89-1	13975260	15183113	13052089	14070154	7.60	cps
Yttrium	89-2	1604915	1572754	1587082	1588250	1.01	cps
Zinc	66-2	63167	62548	60887	62201	1.90	cps
Zirconium	90-1	650	758	908	772	16.80	cps
Zirconium	91-1	300	233	333	289	17.63	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 16:22:20 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	149	137	137	8.66	cps
Antimony	121-1	83	233	250	189	48.59	cps
Arsenic	75-2	7	8	11	9	24.02	cps
Barium	135-1	50	33	42	42	20.00	cps
Barium	137-1	92	25	58	58	57.14	cps
Beryllium	9-1	81	80	76	79	3.29	cps
Bismuth	209-1	6413114	6705658	6867448	6662074	3.46	cps
Bismuth	209-2	3218554	3128394	3297498	3214816	2.63	cps
Boron	10-1	5180	5204	5394	5259	2.23	cps
Boron	11-1	23744	23130	22433	23102	2.84	cps
Bromine	81-1	71195	71295	71045	71178	0.18	cps
Cadmium	111-1	3695	3973	3748	3805	3.88	cps
Cadmium	106-1	5301	5743	5401	5482	4.23	cps
Cadmium	108-1	46	79	71	65	26.58	cps
Calcium	43-1	340	352	336	343	2.48	cps
Calcium	44-1	9062	8983	8942	8995	0.68	cps
Carbon	12-1	3374335	3446616	3520898	3447283	2.13	cps
Carbon	12-2	43691	42028	44209	43309	2.63	cps
Chlorine	35-1	250509	254415	253857	252927	0.84	cps
Chlorine	35-2	1884	1867	1984	1911	3.30	cps
Chromium	52-2	613	673	640	642	4.68	cps
Cobalt	59-2	73	97	163	111	42.04	cps
Copper	63-1	3637	3674	4117	3809	7.01	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	75	167	58	100	58.34	cps
Gadolinium	160-2	180	133	150	154	15.31	cps
Gold	197-1	0	0	17	6	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9661677	10372130	10667196	10233668	5.05	cps
Holmium	165-2	4398940	4400177	4499887	4433001	1.31	cps
Indium	115-1	7516465	7800942	7856113	7724507	2.36	cps
Indium	115-2	1330471	1329391	1332481	1330781	0.12	cps
Iron	56-2	4551	4679	4618	4616	1.39	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 16:22:20 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	278	156	167	200	33.79	cps
Iron	54-2	917	900	956	924	3.09	cps
Krypton	83-1	319	362	316	332	7.82	cps
Lead	206-1	917	878	939	911	3.39	cps
Lead	207-1	717	822	861	800	9.34	cps
Lead	208-1	3578	3645	3717	3647	1.90	cps
Lithium	6-1	4521473	4641656	4495056	4552728	1.72	cps
Magnesium	24-2	300	217	233	250	17.64	cps
Manganese	55-2	143	140	150	144	3.52	cps
Molybdenum	94-1	292	358	367	339	12.13	cps
Molybdenum	95-1	375	408	242	342	25.81	cps
Molybdenum	96-1	508	542	400	483	15.32	cps
Molybdenum	97-1	233	125	217	192	30.44	cps
Molybdenum	98-1	508	525	575	536	6.47	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	77	70	73	73	4.55	cps
Phosphorus	31-2	333	375	275	328	15.33	cps
Potassium	39-2	20540	20682	20365	20529	0.77	cps
Rhodium	103-1	7464859	7597779	7624018	7562219	1.13	cps
Rhodium	103-2	3558670	3700706	3596651	3618676	2.03	cps
Scandium	45-1	5314650	5615667	5512189	5480835	2.79	cps
Scandium	45-2	202207	204215	205666	204029	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	59	81	74	17.24	cps
Selenium	82-1	-6	-46	36	-5	-761.94	cps
Silicon	28-1	682795	665087	655450	667778	2.08	cps
Silver	107-1	192	158	183	178	9.76	cps
Silver	109-1	167	167	67	133	43.30	cps
Sodium	23-2	26391	26141	26600	26377	0.87	cps
Strontium	86-1	450	475	525	483	7.90	cps
Strontium	88-1	642	517	642	600	12.03	cps
Sulfur	34-1	335663	335626	338711	336667	0.53	cps
Terbium	159-1	9838150	10279803	10004172	10040708	2.22	cps
Terbium	159-2	4422594	4459858	4470861	4451104	0.57	cps
Thallium	203-1	342	383	358	361	5.81	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:22:20	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1000	850	900	917	8.33	cps
Tin	118-1	2992	2709	3134	2945	7.35	cps
Titanium	47-1	183	283	200	222	24.11	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Ytterbium	172-1	17	58	50	42	52.91	cps
Ytterbium	172-2	22	44	39	35	32.88	cps
Ytterbium	176-1	1792	1717	2134	1881	11.81	cps
Ytterbium	176-2	10521	10938	11194	10884	3.12	cps
Yttrium	89-1	13121643	13454120	13048865	13208209	1.64	cps
Yttrium	89-2	1616328	1635455	1610846	1620876	0.80	cps
Zinc	66-2	327	320	353	333	5.29	cps
Zirconium	90-1	533	558	583	558	4.48	cps
Zirconium	91-1	83	125	92	100	22.04	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6545404	6584190	6415340	6514978	1.36	cps
Antimony	121-1	7002	6318	6685	6668	5.13	cps
Arsenic	75-2	67	57	71	65	11.09	cps
Barium	135-1	2359	2309	1842	2170	13.14	cps
Barium	137-1	4226	4309	3734	4090	7.60	cps
Beryllium	9-1	760	721	722	735	3.00	cps
Bismuth	209-1	5804730	6995251	7531594	6777191	13.04	cps
Bismuth	209-2	2434588	2826692	3281946	2847742	14.89	cps
Boron	10-1	4878	4868	4916	4887	0.52	cps
Boron	11-1	21351	21505	21297	21385	0.51	cps
Bromine	81-1	74435	71668	74323	73475	2.13	cps
Cadmium	111-1	4273	4953	5399	4875	11.63	cps
Cadmium	106-1	4918	6093	6577	5863	14.55	cps
Cadmium	108-1	1796	1738	1525	1686	8.45	cps
Calcium	43-1	2415439	2333441	2360886	2369922	1.76	cps
Calcium	44-1	38021417	37952585	37270740	37748247	1.10	cps
Carbon	12-1	23800216	22973846	23005676	23259913	2.01	cps
Carbon	12-2	277590	281718	279368	279559	0.74	cps
Chlorine	35-1	14553148	16640032	18497210	16563463	11.91	cps
Chlorine	35-2	179935	182296	189608	183947	2.74	cps
Chromium	52-2	38646	37813	37289	37916	1.80	cps
Cobalt	59-2	3954	3967	4014	3978	0.79	cps
Copper	63-1	103991	102430	102420	102947	0.88	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	23	20	10	18	39.03	cps
Erbium	164-1	50	83	75	69	24.98	cps
Erbium	164-2	27	33	10	23	51.50	cps
Gadolinium	160-1	125	192	175	164	21.17	cps
Gadolinium	160-2	113	143	183	147	23.94	cps
Gold	197-1	25	0	17	14	91.65	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9907364	11544745	12789222	11413777	12.66	cps
Holmium	165-2	3796802	4259313	5144084	4400066	15.56	cps
Indium	115-1	7529225	8756146	9753613	8679661	12.84	cps
Indium	115-2	1088326	1202897	1482968	1258064	16.14	cps
Iron	56-2	170197159	162864993	160232126	164431426	3.14	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4055016	4076163	3966052	4032410	1.45	cps
Iron	54-2	9004445	8762570	8764251	8843755	1.57	cps
Krypton	83-1	337	336	366	347	4.90	cps
Lead	206-1	29506	29105	29902	29504	1.35	cps
Lead	207-1	23850	23767	24334	23984	1.28	cps
Lead	208-1	111425	112638	111697	111920	0.57	cps
Lithium	6-1	4275056	4947200	5391300	4871185	11.54	cps
Magnesium	24-2	16872185	16982122	16413421	16755910	1.80	cps
Manganese	55-2	8192	8333	8162	8229	1.10	cps
Molybdenum	94-1	3888087	3802812	3793684	3828194	1.36	cps
Molybdenum	95-1	7066820	6818717	6722697	6869411	2.58	cps
Molybdenum	96-1	7391866	7225764	6998945	7205525	2.74	cps
Molybdenum	97-1	4222460	4115957	4095838	4144752	1.64	cps
Molybdenum	98-1	11074107	10848281	10641169	10854519	1.99	cps
Neodymium	150-1	27	53	27	36	43.29	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	5014	4958	4721	4898	3.18	cps
Phosphorus	31-2	399249	395802	388819	394623	1.35	cps
Potassium	39-2	12691698	12602794	12477690	12590728	0.85	cps
Rhodium	103-1	6798355	8060384	9249910	8036216	15.26	cps
Rhodium	103-2	2889976	3183673	3886253	3319967	15.42	cps
Scandium	45-1	5476583	6069858	6911814	6152752	11.72	cps
Scandium	45-2	172918	190742	237061	200240	16.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	82	76	80	4.71	cps
Selenium	82-1	74	76	46	65	25.45	cps
Silicon	28-1	901888	870732	871182	881267	2.03	cps
Silver	107-1	250	250	350	283	20.38	cps
Silver	109-1	283	275	300	286	4.45	cps
Sodium	23-2	33322851	32928225	32186880	32812652	1.76	cps
Strontium	86-1	75153	77641	77876	76890	1.96	cps
Strontium	88-1	675393	664638	666626	668886	0.86	cps
Sulfur	34-1	4430011	4254029	4195257	4293099	2.85	cps
Terbium	159-1	10147273	11450290	12940979	11512847	12.14	cps
Terbium	159-2	3769332	4086674	4983536	4279848	14.71	cps
Thallium	203-1	1750	1667	1533	1650	6.62	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:25:29	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3884	4234	3859	3992	5.25	cps
Tin	118-1	3951	4576	5009	4512	11.80	cps
Titanium	47-1	2198558	2176491	2125484	2166844	1.73	cps
Uranium	238-1	358	367	300	342	10.63	cps
Vanadium	51-2	257	250	267	258	3.25	cps
Ytterbium	172-1	108	58	100	89	30.14	cps
Ytterbium	172-2	17	33	11	20	56.76	cps
Ytterbium	176-1	1884	2225	2517	2209	14.36	cps
Ytterbium	176-2	8075	9593	12384	10017	21.82	cps
Yttrium	89-1	12847093	15248259	16726155	14940502	13.10	cps
Yttrium	89-2	1357376	1481937	1815931	1551748	15.28	cps
Zinc	66-2	3817	3624	3484	3642	4.60	cps
Zirconium	90-1	608	908	925	814	21.90	cps
Zirconium	91-1	142	100	142	128	18.83	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6715250	6570567	6499906	6595241	1.66	cps
Antimony	121-1	122843	125189	123623	123885	0.96	cps
Arsenic	75-2	3868	3947	3789	3868	2.04	cps
Barium	135-1	33166	33601	33885	33551	1.08	cps
Barium	137-1	61031	59533	57205	59256	3.25	cps
Beryllium	9-1	50394	51083	51015	50831	0.75	cps
Bismuth	209-1	6596814	6451011	6031721	6359849	4.61	cps
Bismuth	209-2	2835365	2959901	2942240	2912502	2.31	cps
Boron	10-1	4036	3998	4056	4030	0.73	cps
Boron	11-1	18588	18348	18122	18352	1.27	cps
Bromine	81-1	74012	70722	81249	75328	7.15	cps
Cadmium	111-1	39400	40078	39074	39517	1.30	cps
Cadmium	106-1	8953	8711	8344	8670	3.54	cps
Cadmium	108-1	3884	3842	3651	3792	3.28	cps
Calcium	43-1	2426040	2436696	2377422	2413386	1.31	cps
Calcium	44-1	38392322	38474412	37473783	38113506	1.46	cps
Carbon	12-1	23665349	24437260	24864236	24322282	2.50	cps
Carbon	12-2	287870	291280	285846	288332	0.95	cps
Chlorine	35-1	21877439	24225043	25991920	24031467	8.59	cps
Chlorine	35-2	221677	228670	231907	227418	2.30	cps
Chromium	52-2	74875	75978	74661	75171	0.94	cps
Cobalt	59-2	73368	69784	69523	70891	3.03	cps
Copper	63-1	262515	260873	263943	262444	0.59	cps
Dysprosium	156-1	42	0	33	25	88.19	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	67	92	50	69	30.20	cps
Erbium	164-2	30	37	27	31	16.37	cps
Gadolinium	160-1	100	167	175	147	27.92	cps
Gadolinium	160-2	123	120	170	138	20.29	cps
Gold	197-1	8	17	0	8	100.02	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	11060932	10612770	9948025	10540576	5.31	cps
Holmium	165-2	4448203	4549483	4510213	4502633	1.13	cps
Indium	115-1	8469466	8278772	7621285	8123174	5.48	cps
Indium	115-2	1277570	1314415	1314952	1302312	1.65	cps
Iron	56-2	163548431	162108320	165199759	163618837	0.95	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4125774	4147588	4002479	4091947	1.91	cps
Iron	54-2	9228055	9072989	8855046	9052030	2.07	cps
Krypton	83-1	346	342	306	332	6.66	cps
Lead	206-1	136689	136408	134198	135765	1.00	cps
Lead	207-1	109555	112671	110990	111072	1.40	cps
Lead	208-1	522543	527261	518439	522748	0.84	cps
Lithium	6-1	4723027	4657411	4361069	4580502	4.21	cps
Magnesium	24-2	17121442	16708126	16424153	16751240	2.09	cps
Manganese	55-2	29527	29056	28833	29139	1.22	cps
Molybdenum	94-1	3877971	3986282	3779267	3881173	2.67	cps
Molybdenum	95-1	6743834	6934374	6954625	6877611	1.69	cps
Molybdenum	96-1	7242823	7338243	7252754	7277940	0.72	cps
Molybdenum	97-1	4218234	4230239	4233408	4227294	0.19	cps
Molybdenum	98-1	10687562	11085932	11319993	11031163	2.90	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	23179	22755	23139	23024	1.02	cps
Phosphorus	31-2	399274	395415	382979	392556	2.17	cps
Potassium	39-2	12387112	12618659	12597601	12534457	1.02	cps
Rhodium	103-1	7715638	7897425	7516137	7709733	2.47	cps
Rhodium	103-2	3390976	3502031	3451728	3448245	1.61	cps
Scandium	45-1	6266035	5792280	5609828	5889381	5.75	cps
Scandium	45-2	206467	212255	212366	210363	1.60	cps
Selenium	77-2	100	107	70	92	21.18	cps
Selenium	78-2	417	435	392	415	5.21	cps
Selenium	82-1	3158	3199	3264	3207	1.67	cps
Silicon	28-1	904867	890062	926610	907180	2.03	cps
Silver	107-1	169545	174128	177362	173678	2.26	cps
Silver	109-1	167573	169484	167871	168309	0.61	cps
Sodium	23-2	32795526	33428875	32352162	32858854	1.65	cps
Strontium	86-1	79678	79285	81480	80148	1.46	cps
Strontium	88-1	672902	684272	689689	682288	1.26	cps
Sulfur	34-1	4377309	4378267	4394411	4383329	0.22	cps
Terbium	159-1	11355929	10732680	10215215	10767941	5.30	cps
Terbium	159-2	4244378	4494913	4444273	4394522	3.01	cps
Thallium	203-1	134238	134851	131425	133505	1.37	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:28:29	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	330178	319182	321995	323785	1.76	cps
Tin	118-1	5568	5676	5718	5654	1.37	cps
Titanium	47-1	2158646	2291882	2197293	2215940	3.09	cps
Uranium	238-1	392	358	367	372	4.66	cps
Vanadium	51-2	30148	29885	30887	30307	1.71	cps
Ytterbium	172-1	25	83	50	53	55.46	cps
Ytterbium	172-2	17	44	22	28	52.92	cps
Ytterbium	176-1	2025	2109	1692	1942	11.36	cps
Ytterbium	176-2	9793	10349	10354	10165	3.17	cps
Yttrium	89-1	14359692	13807385	13557637	13908238	2.95	cps
Yttrium	89-2	1588138	1669856	1646812	1634935	2.58	cps
Zinc	66-2	9357	9163	9687	9402	2.82	cps
Zirconium	90-1	783	842	833	819	3.85	cps
Zirconium	91-1	158	125	208	164	25.59	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3528749	3555256	3420754	3501586	2.03	cps
Antimony	121-1	2984067	2870345	2984172	2946195	2.23	cps
Arsenic	75-2	91445	90292	88309	90015	1.76	cps
Barium	135-1	4221763	4076195	4290706	4196221	2.61	cps
Barium	137-1	7225038	7093889	7140265	7153064	0.93	cps
Beryllium	9-1	1247452	1295674	1271686	1271604	1.90	cps
Bismuth	209-1	6199296	5951998	6157295	6102863	2.17	cps
Bismuth	209-2	2728214	2887265	2894578	2836685	3.31	cps
Boron	10-1	306380	326609	335215	322735	4.59	cps
Boron	11-1	1283435	1378165	1415417	1359006	5.01	cps
Bromine	81-1	75874	72070	69214	72386	4.62	cps
Cadmium	111-1	851171	854607	851487	852422	0.22	cps
Cadmium	106-1	105184	107140	105990	106105	0.93	cps
Cadmium	108-1	67745	68050	69990	68595	1.78	cps
Calcium	43-1	6131615	6303125	6391869	6275536	2.11	cps
Calcium	44-1	97416793	101699090	98916218	99344034	2.19	cps
Carbon	12-1	4828207	4958607	5207777	4998197	3.86	cps
Carbon	12-2	65129	66251	66066	65815	0.91	cps
Chlorine	35-1	5185072	5000646	4657473	4947730	5.41	cps
Chlorine	35-2	33715	30466	30216	31465	6.20	cps
Chromium	52-2	976585	954706	944629	958640	1.70	cps
Cobalt	59-2	1816813	1827869	1708445	1784376	3.70	cps
Copper	63-1	46288070	48075561	49140748	47834793	3.01	cps
Dysprosium	156-1	558	575	633	589	6.69	cps
Dysprosium	156-2	237	170	217	208	16.47	cps
Erbium	164-1	67	75	108	83	26.46	cps
Erbium	164-2	43	30	33	36	19.51	cps
Gadolinium	160-1	317	500	458	425	22.61	cps
Gadolinium	160-2	303	197	283	261	21.71	cps
Gold	197-1	17	17	50	28	69.27	cps
Gold	197-2	78	128	133	113	27.09	cps
Holmium	165-1	10638491	10645256	10682155	10655301	0.22	cps
Holmium	165-2	4345187	4587960	4372562	4435236	3.00	cps
Indium	115-1	7922566	7873485	7973324	7923125	0.63	cps
Indium	115-2	1254341	1269253	1261928	1261841	0.59	cps
Iron	56-2	208238616	205995838	203579716	205938056	1.13	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5256361	5268552	5052571	5192495	2.34	cps
Iron	54-2	11539955	11617961	11152508	11436808	2.18	cps
Krypton	83-1	376	384	346	369	5.38	cps
Lead	206-1	14274766	14089623	14526199	14296863	1.53	cps
Lead	207-1	12318751	12318829	12729377	12455652	1.90	cps
Lead	208-1	58504424	56377471	57567952	57483283	1.85	cps
Lithium	6-1	4591523	4564084	4525365	4560324	0.73	cps
Magnesium	24-2	44922270	44351862	42777147	44017093	2.52	cps
Manganese	55-2	5541984	5487193	5499153	5509443	0.52	cps
Molybdenum	94-1	13221931	13143043	12560327	12975100	2.79	cps
Molybdenum	95-1	18660752	18462865	18326119	18483245	0.91	cps
Molybdenum	96-1	20353280	20159362	19282428	19931690	2.86	cps
Molybdenum	97-1	11515302	11193202	11044605	11251036	2.14	cps
Molybdenum	98-1	29822251	28860649	29956378	29546426	2.02	cps
Neodymium	150-1	587	500	593	560	9.30	cps
Neodymium	150-2	43	23	30	32	31.61	cps
Nickel	60-2	440939	433456	428535	434310	1.44	cps
Phosphorus	31-2	42622	42354	41836	42271	0.95	cps
Potassium	39-2	16643666	16394096	16127413	16388392	1.58	cps
Rhodium	103-1	7378475	7436036	7293222	7369244	0.98	cps
Rhodium	103-2	3306122	3255819	3348707	3303549	1.41	cps
Scandium	45-1	5819381	5917020	6039459	5925287	1.86	cps
Scandium	45-2	208317	211701	205869	208629	1.40	cps
Selenium	77-2	2394	2387	2397	2392	0.21	cps
Selenium	78-2	8058	7993	7993	8015	0.47	cps
Selenium	82-1	75089	74028	74079	74399	0.80	cps
Silicon	28-1	18919669	19457765	20496728	19624720	4.09	cps
Silver	107-1	4442724	4438350	4555465	4478846	1.48	cps
Silver	109-1	4139864	4257415	4353661	4250314	2.52	cps
Sodium	23-2	85715010	84971352	84072889	84919751	0.97	cps
Strontium	86-1	30279237	30528715	30076945	30294966	0.75	cps
Strontium	88-1	251711206	264431223	259924364	258688931	2.49	cps
Sulfur	34-1	883779	907946	894972	895566	1.35	cps
Terbium	159-1	10729869	10819117	10842671	10797219	0.55	cps
Terbium	159-2	4535188	4535352	4424437	4498325	1.42	cps
Thallium	203-1	3397163	3319047	3370579	3362263	1.18	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:31:27	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8067218	8016447	7987478	8023714	0.50	cps
Tin	118-1	2963520	2995383	2927323	2962076	1.15	cps
Titanium	47-1	5595898	5538526	5534841	5556422	0.62	cps
Uranium	238-1	12171876	11410928	11818255	11800353	3.23	cps
Vanadium	51-2	790623	785413	783946	786661	0.45	cps
Ytterbium	172-1	125	133	117	125	6.67	cps
Ytterbium	172-2	78	61	39	59	32.92	cps
Ytterbium	176-1	10663	10571	10154	10463	2.59	cps
Ytterbium	176-2	13563	13591	13457	13537	0.52	cps
Yttrium	89-1	14472239	14138743	14167015	14259333	1.30	cps
Yttrium	89-2	1619049	1635769	1626930	1627249	0.51	cps
Zinc	66-2	1532385	1570091	1562449	1554975	1.28	cps
Zirconium	90-1	6524666	6738441	6279201	6514102	3.53	cps
Zirconium	91-1	1462508	1497634	1456321	1472154	1.51	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	351	380	358	5.48	cps
Antimony	121-1	125	167	292	194	44.61	cps
Arsenic	75-2	6	8	15	10	48.89	cps
Barium	135-1	8	25	17	17	50.01	cps
Barium	137-1	83	25	25	44	75.78	cps
Beryllium	9-1	59	61	82	67	19.34	cps
Bismuth	209-1	6880543	6784931	7035806	6900427	1.83	cps
Bismuth	209-2	3270967	3543674	3204973	3339871	5.38	cps
Boron	10-1	2574	2658	2572	2601	1.89	cps
Boron	11-1	11170	11194	11368	11244	0.96	cps
Bromine	81-1	75341	76037	78360	76579	2.06	cps
Cadmium	111-1	3788	3791	3764	3781	0.39	cps
Cadmium	106-1	5410	5435	5343	5396	0.88	cps
Cadmium	108-1	46	67	25	46	45.46	cps
Calcium	43-1	381	347	416	382	9.01	cps
Calcium	44-1	10044	10286	10026	10119	1.44	cps
Carbon	12-1	3701544	3735895	3648948	3695462	1.19	cps
Carbon	12-2	44577	46499	46391	45822	2.36	cps
Chlorine	35-1	632157	621702	619326	624395	1.09	cps
Chlorine	35-2	4909	4559	5068	4845	5.37	cps
Chromium	52-2	700	593	690	661	8.91	cps
Cobalt	59-2	103	120	110	111	7.55	cps
Copper	63-1	5096	5126	5277	5166	1.88	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	20	27	3	17	72.13	cps
Gadolinium	160-1	158	150	167	158	5.26	cps
Gadolinium	160-2	163	210	177	183	13.11	cps
Gold	197-1	0	8	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10349882	10780499	10108573	10412985	3.27	cps
Holmium	165-2	4508144	4783703	4547618	4613155	3.23	cps
Indium	115-1	8296128	8667118	8180080	8381109	3.04	cps
Indium	115-2	1394900	1506423	1332838	1411387	6.23	cps
Iron	56-2	4801	4923	4945	4890	1.59	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	244	150	233	209	24.67	cps
Iron	54-2	989	995	956	980	2.15	cps
Krypton	83-1	352	305	362	340	9.03	cps
Lead	206-1	883	1061	894	946	10.52	cps
Lead	207-1	817	667	833	772	11.89	cps
Lead	208-1	3695	3723	3778	3732	1.14	cps
Lithium	6-1	4689170	4770040	4678320	4712510	1.06	cps
Magnesium	24-2	258	283	217	253	13.32	cps
Manganese	55-2	160	123	140	141	13.01	cps
Molybdenum	94-1	342	292	308	314	8.11	cps
Molybdenum	95-1	417	400	250	356	25.82	cps
Molybdenum	96-1	642	575	425	547	20.28	cps
Molybdenum	97-1	267	233	200	233	14.29	cps
Molybdenum	98-1	767	417	500	561	32.58	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	73	117	103	98	22.70	cps
Phosphorus	31-2	425	333	433	397	13.97	cps
Potassium	39-2	21400	21658	22760	21939	3.29	cps
Rhodium	103-1	8191644	8255931	8124105	8190560	0.80	cps
Rhodium	103-2	3827338	3996205	3616605	3813383	4.99	cps
Scandium	45-1	6060581	5891252	5792841	5914891	2.29	cps
Scandium	45-2	213296	233180	210485	218987	5.65	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	63	80	71	71	11.92	cps
Selenium	82-1	9	65	23	32	91.39	cps
Silicon	28-1	702654	692608	696950	697404	0.72	cps
Silver	107-1	133	125	175	144	18.55	cps
Silver	109-1	83	67	50	67	25.00	cps
Sodium	23-2	27802	26449	27853	27368	2.91	cps
Strontium	86-1	683	650	717	683	4.88	cps
Strontium	88-1	733	575	625	644	12.56	cps
Sulfur	34-1	364253	370396	371231	368627	1.03	cps
Terbium	159-1	10736288	10489306	10534129	10586574	1.24	cps
Terbium	159-2	4377994	4931346	4323468	4544269	7.40	cps
Thallium	203-1	1192	1158	917	1089	13.78	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:53:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2625	2342	2309	2425	7.18	cps
Tin	118-1	2867	3200	2909	2992	6.07	cps
Titanium	47-1	208	250	175	211	17.80	cps
Uranium	238-1	8	42	33	28	62.46	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	33	50	17	33	50.00	cps
Ytterbium	172-2	22	28	39	30	28.65	cps
Ytterbium	176-1	1633	1842	1950	1809	8.90	cps
Ytterbium	176-2	10971	11366	11055	11131	1.87	cps
Yttrium	89-1	13791859	14282210	13841858	13971976	1.93	cps
Yttrium	89-2	1730457	1831979	1626013	1729483	5.95	cps
Zinc	66-2	400	337	417	384	10.98	cps
Zirconium	90-1	608	692	658	653	6.43	cps
Zirconium	91-1	100	108	58	89	30.14	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1520	1507	1541	1523	1.12	cps
Antimony	121-1	12047	12231	12131	12136	0.76	cps
Arsenic	75-2	207	196	223	209	6.51	cps
Barium	135-1	15150	15351	14909	15137	1.46	cps
Barium	137-1	28339	27395	27119	27618	2.32	cps
Beryllium	9-1	2844	2964	2864	2890	2.22	cps
Bismuth	209-1	6887423	6696433	6888615	6824157	1.62	cps
Bismuth	209-2	3199020	3511820	2919631	3210157	9.23	cps
Boron	10-1	11396	11736	12339	11824	4.04	cps
Boron	11-1	49098	52017	52011	51042	3.30	cps
Bromine	81-1	78079	79035	75410	77508	2.42	cps
Cadmium	111-1	6050	5737	5965	5917	2.73	cps
Cadmium	106-1	6185	5860	5960	6001	2.77	cps
Cadmium	108-1	179	188	171	179	4.65	cps
Calcium	43-1	12628	12431	12449	12503	0.87	cps
Calcium	44-1	209557	203337	200019	204304	2.37	cps
Carbon	12-1	3586550	3606495	3547855	3580300	0.83	cps
Carbon	12-2	44276	44117	43172	43855	1.36	cps
Chlorine	35-1	583651	588645	582512	584936	0.56	cps
Chlorine	35-2	4367	4643	4484	4498	3.07	cps
Chromium	52-2	4547	4564	4491	4534	0.85	cps
Cobalt	59-2	3821	3677	3837	3778	2.33	cps
Copper	63-1	23186	22796	23073	23018	0.87	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	58	58	50	56	8.66	cps
Erbium	164-2	10	7	33	17	87.16	cps
Gadolinium	160-1	83	142	100	108	27.73	cps
Gadolinium	160-2	107	167	147	140	21.82	cps
Gold	197-1	8	25	8	14	69.31	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10116568	10036113	10457939	10203540	2.19	cps
Holmium	165-2	4522829	4667720	4163482	4451344	5.83	cps
Indium	115-1	8352986	8641353	8608935	8534425	1.85	cps
Indium	115-2	1360038	1501084	1275290	1378804	8.27	cps
Iron	56-2	88770	88748	89614	89044	0.55	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2278	2239	2328	2282	1.95	cps
Iron	54-2	5396	5401	5824	5540	4.43	cps
Krypton	83-1	360	316	320	332	7.30	cps
Lead	206-1	6090	6580	6329	6333	3.86	cps
Lead	207-1	5379	5863	5729	5657	4.41	cps
Lead	208-1	24910	25682	25193	25262	1.55	cps
Lithium	6-1	4835228	4772502	4927564	4845098	1.61	cps
Magnesium	24-2	93040	90179	92091	91770	1.59	cps
Manganese	55-2	1290	1410	1307	1336	4.87	cps
Molybdenum	94-1	15142	15809	15501	15484	2.16	cps
Molybdenum	95-1	17820	17979	18604	18134	2.29	cps
Molybdenum	96-1	20624	20516	20616	20585	0.29	cps
Molybdenum	97-1	11013	11505	11672	11397	3.01	cps
Molybdenum	98-1	29315	29098	28730	29048	1.02	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1170	1040	1053	1088	6.57	cps
Phosphorus	31-2	375	408	475	419	12.14	cps
Potassium	39-2	88262	85739	85898	86633	1.63	cps
Rhodium	103-1	7997398	8113802	8545050	8218750	3.51	cps
Rhodium	103-2	3746720	3969881	3517836	3744813	6.04	cps
Scandium	45-1	5988331	5839941	5970619	5932964	1.37	cps
Scandium	45-2	212608	224165	198071	211615	6.18	cps
Selenium	77-2	27	43	33	34	24.35	cps
Selenium	78-2	150	177	189	172	11.61	cps
Selenium	82-1	861	887	826	858	3.58	cps
Silicon	28-1	768595	767736	760856	765729	0.55	cps
Silver	107-1	9604	10463	10538	10201	5.09	cps
Silver	109-1	9287	9403	9595	9428	1.65	cps
Sodium	23-2	195113	191456	191167	192579	1.14	cps
Strontium	86-1	2934	2884	2867	2895	1.20	cps
Strontium	88-1	20391	20599	19723	20237	2.26	cps
Sulfur	34-1	379281	378182	381199	379554	0.40	cps
Terbium	159-1	10941493	10892989	10577067	10803849	1.83	cps
Terbium	159-2	4414364	4772182	4258339	4481628	5.88	cps
Thallium	203-1	7719	7619	7603	7647	0.83	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:56:12	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	18489	18413	17996	18300	1.45	cps
Tin	118-1	32088	32899	32565	32517	1.25	cps
Titanium	47-1	6135	5693	6043	5957	3.91	cps
Uranium	238-1	22228	21527	21068	21608	2.70	cps
Vanadium	51-2	8269	7612	7672	7851	4.63	cps
Ytterbium	172-1	75	25	108	69	60.40	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	2142	2167	1900	2070	7.12	cps
Ytterbium	176-2	10365	11956	9437	10586	12.03	cps
Yttrium	89-1	14211521	14307194	13947645	14155453	1.32	cps
Yttrium	89-2	1684729	1784195	1619752	1696225	4.88	cps
Zinc	66-2	1180	1130	1150	1153	2.18	cps
Zirconium	90-1	13248	13315	12698	13087	2.59	cps
Zirconium	91-1	2684	2850	2825	2786	3.23	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : PB147784BL Instrumnet Name : P8
 Client Sample ID : PB147784BL Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 16:59:22 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126	125	124	125	1.00	cps
Antimony	121-1	42	108	75	75	44.44	cps
Arsenic	75-2	1	5	3	3	66.67	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	25	42	133	67	87.50	cps
Beryllium	9-1	62	56	74	64	13.82	cps
Bismuth	209-1	6292915	6988195	6709020	6663377	5.25	cps
Bismuth	209-2	3191766	3104031	3169808	3155202	1.45	cps
Boron	10-1	2488	2510	2486	2494	0.53	cps
Boron	11-1	11482	11176	11004	11221	2.16	cps
Bromine	81-1	77364	73670	78714	76583	3.41	cps
Cadmium	111-1	3727	4546	4192	4155	9.89	cps
Cadmium	106-1	5310	6518	6035	5954	10.22	cps
Cadmium	108-1	21	42	58	40	46.65	cps
Calcium	43-1	322	344	372	346	7.25	cps
Calcium	44-1	9927	10020	9790	9912	1.17	cps
Carbon	12-1	3417902	3382664	3330426	3376997	1.30	cps
Carbon	12-2	41284	41201	42446	41643	1.67	cps
Chlorine	35-1	410138	411209	416092	412480	0.77	cps
Chlorine	35-2	3475	3325	3117	3306	5.44	cps
Chromium	52-2	617	750	723	697	10.13	cps
Cobalt	59-2	113	120	130	121	6.92	cps
Copper	63-1	4533	4411	4345	4430	2.16	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	7	30	7	14	93.24	cps
Gadolinium	160-1	50	100	167	106	55.45	cps
Gadolinium	160-2	130	123	157	137	12.91	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9419427	10221205	10389476	10010036	5.18	cps
Holmium	165-2	4431320	4447446	4429843	4436203	0.22	cps
Indium	115-1	7512695	8479018	8320003	8103905	6.39	cps
Indium	115-2	1345209	1366192	1351647	1354350	0.79	cps
Iron	56-2	4901	4834	4673	4803	2.44	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BL	Instrumnet Name :	P8
Client Sample ID :	PB147784BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:59:22	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	228	206	200	211	6.96	cps
Iron	54-2	1039	1039	983	1020	3.14	cps
Krypton	83-1	440	334	344	372	15.75	cps
Lead	206-1	806	861	878	848	4.46	cps
Lead	207-1	883	783	856	841	6.14	cps
Lead	208-1	3700	3522	3695	3639	2.78	cps
Lithium	6-1	4240250	4916150	4818482	4658294	7.84	cps
Magnesium	24-2	250	233	208	231	9.10	cps
Manganese	55-2	130	163	153	149	11.49	cps
Molybdenum	94-1	317	367	292	325	11.75	cps
Molybdenum	95-1	208	267	258	244	12.91	cps
Molybdenum	96-1	517	450	433	467	9.45	cps
Molybdenum	97-1	158	150	125	144	12.01	cps
Molybdenum	98-1	433	617	442	497	20.82	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	140	100	97	46.65	cps
Phosphorus	31-2	317	317	333	322	2.99	cps
Potassium	39-2	22084	20907	21959	21650	2.99	cps
Rhodium	103-1	7275473	8413653	8271301	7986809	7.76	cps
Rhodium	103-2	3637643	3778278	3710490	3708804	1.90	cps
Scandium	45-1	5399083	6103738	5779073	5760631	6.12	cps
Scandium	45-2	215778	209685	210435	211966	1.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	95	71	77	20.61	cps
Selenium	82-1	-81	40	28	-5	-1455.96	cps
Silicon	28-1	730432	701589	689425	707149	2.98	cps
Silver	107-1	142	167	233	181	26.24	cps
Silver	109-1	108	108	192	136	35.35	cps
Sodium	23-2	27635	26909	27092	27212	1.39	cps
Strontium	86-1	700	558	708	656	12.86	cps
Strontium	88-1	633	658	692	661	4.43	cps
Sulfur	34-1	371871	375186	379994	375684	1.09	cps
Terbium	159-1	9404313	10834765	10941475	10393518	8.26	cps
Terbium	159-2	4612744	4267262	4494731	4458246	3.94	cps
Thallium	203-1	900	883	900	895	1.08	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BL	Instrumnet Name :	P8
Client Sample ID :	PB147784BL	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 16:59:22	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1984	1800	1875	1886	4.89	cps
Tin	118-1	3142	3351	3301	3264	3.33	cps
Titanium	47-1	225	192	233	217	10.18	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	22	39	22	28	34.65	cps
Ytterbium	176-1	2067	2259	2142	2156	4.48	cps
Ytterbium	176-2	10087	10805	10849	10580	4.04	cps
Yttrium	89-1	12682212	14624407	14132625	13813081	7.31	cps
Yttrium	89-2	1641855	1665956	1703903	1670571	1.87	cps
Zinc	66-2	350	337	393	360	8.23	cps
Zirconium	90-1	667	617	650	644	3.95	cps
Zirconium	91-1	108	117	117	114	4.22	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	681377	661848	646020	663082	2.67	cps
Antimony	121-1	2997648	2935291	2985379	2972773	1.11	cps
Arsenic	75-2	94655	93143	90801	92867	2.09	cps
Barium	135-1	4119186	4078631	3866256	4021358	3.38	cps
Barium	137-1	6831137	6955113	6782032	6856094	1.30	cps
Beryllium	9-1	1345596	1310236	1290855	1315562	2.11	cps
Bismuth	209-1	6526278	6800156	6582097	6636177	2.18	cps
Bismuth	209-2	2921267	3109846	3172134	3067749	4.26	cps
Boron	10-1	264720	279194	283537	275817	3.57	cps
Boron	11-1	1153388	1145579	1185087	1161351	1.80	cps
Bromine	81-1	71648	73953	71355	72319	1.97	cps
Cadmium	111-1	921046	907268	918918	915744	0.81	cps
Cadmium	106-1	113242	112922	111525	112563	0.81	cps
Cadmium	108-1	74588	73294	71706	73196	1.97	cps
Calcium	43-1	1413687	1391995	1427107	1410930	1.26	cps
Calcium	44-1	21160336	21467202	20915097	21180878	1.31	cps
Carbon	12-1	5150886	5258144	5447437	5285489	2.84	cps
Carbon	12-2	67782	66736	68887	67802	1.59	cps
Chlorine	35-1	422165	412797	409803	414922	1.55	cps
Chlorine	35-2	3159	3117	3459	3245	5.75	cps
Chromium	52-2	959767	917219	915018	930668	2.71	cps
Cobalt	59-2	1832995	1743056	1765561	1780537	2.63	cps
Copper	63-1	48569579	47978836	46518080	47688831	2.21	cps
Dysprosium	156-1	233	233	242	236	2.04	cps
Dysprosium	156-2	60	80	97	79	23.27	cps
Erbium	164-1	50	117	75	81	41.81	cps
Erbium	164-2	17	27	13	19	36.75	cps
Gadolinium	160-1	183	167	242	197	19.97	cps
Gadolinium	160-2	180	163	193	179	8.40	cps
Gold	197-1	33	33	8	25	57.74	cps
Gold	197-2	106	94	144	115	22.87	cps
Holmium	165-1	10598445	10823258	10722274	10714659	1.05	cps
Holmium	165-2	4379452	4519393	4486846	4461897	1.64	cps
Indium	115-1	7965932	8143799	8288029	8132586	1.98	cps
Indium	115-2	1242157	1274429	1255919	1257502	1.29	cps
Iron	56-2	44423941	42671365	41555722	42883676	3.37	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1041274	1009351	981238	1010621	2.97	cps
Iron	54-2	2433974	2423345	2295268	2384196	3.24	cps
Krypton	83-1	320	357	339	339	5.54	cps
Lead	206-1	14517515	14601691	14141170	14420125	1.70	cps
Lead	207-1	12509711	12596693	12227878	12444761	1.55	cps
Lead	208-1	57478886	58607820	57304377	57797028	1.22	cps
Lithium	6-1	4712698	4864859	4764229	4780595	1.62	cps
Magnesium	24-2	9058582	8750899	8661182	8823554	2.36	cps
Manganese	55-2	5563422	5311843	5479895	5451720	2.35	cps
Molybdenum	94-1	12434398	12229454	12321372	12328408	0.83	cps
Molybdenum	95-1	17985862	17781097	17498130	17755030	1.38	cps
Molybdenum	96-1	19089126	19239270	19045855	19124750	0.53	cps
Molybdenum	97-1	11096063	11006575	11041852	11048163	0.41	cps
Molybdenum	98-1	28050800	28581998	28244185	28292327	0.95	cps
Neodymium	150-1	380	473	447	433	11.09	cps
Neodymium	150-2	43	20	23	29	43.68	cps
Nickel	60-2	459341	445317	444061	449573	1.89	cps
Phosphorus	31-2	42831	40073	40340	41081	3.70	cps
Potassium	39-2	3367019	3299345	3057495	3241286	5.02	cps
Rhodium	103-1	7570411	8220655	7967291	7919453	4.14	cps
Rhodium	103-2	3289565	3570257	3522370	3460730	4.34	cps
Scandium	45-1	5971713	6100033	5899715	5990487	1.69	cps
Scandium	45-2	200367	202801	201796	201655	0.61	cps
Selenium	77-2	2474	2687	2577	2579	4.14	cps
Selenium	78-2	8519	8568	8391	8493	1.08	cps
Selenium	82-1	79853	79677	78444	79325	0.97	cps
Silicon	28-1	14256882	14331328	14786640	14458283	1.98	cps
Silver	107-1	4806921	4658773	4698411	4721368	1.62	cps
Silver	109-1	4566257	4503868	4618818	4562981	1.26	cps
Sodium	23-2	17117176	16760827	16739549	16872518	1.26	cps
Strontium	86-1	28579316	29207095	29547433	29111282	1.69	cps
Strontium	88-1	248630472	250938997	251465472	250344981	0.60	cps
Sulfur	34-1	923740	926880	914340	921654	0.71	cps
Terbium	159-1	10920369	10823777	10714003	10819383	0.95	cps
Terbium	159-2	4374363	4401645	4457558	4411189	0.96	cps
Thallium	203-1	3403688	3433391	3230825	3355968	3.26	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	PB147784BS	Instrumnet Name :	P8
Client Sample ID :	PB147784BS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:02:31	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8043135	8262603	7983972	8096570	1.81	cps
Tin	118-1	2975720	2954362	2895897	2941993	1.40	cps
Titanium	47-1	5562682	5490434	5454605	5502574	1.00	cps
Uranium	238-1	11273037	11265629	11314137	11284268	0.23	cps
Vanadium	51-2	774630	733126	724929	744228	3.58	cps
Ytterbium	172-1	167	133	58	119	46.45	cps
Ytterbium	172-2	67	17	22	35	77.89	cps
Ytterbium	176-1	10104	10054	9329	9829	4.42	cps
Ytterbium	176-2	13490	13101	13513	13368	1.73	cps
Yttrium	89-1	13550910	14533142	14357192	14147082	3.70	cps
Yttrium	89-2	1572106	1603442	1590333	1588627	0.99	cps
Zinc	66-2	1653699	1651796	1592557	1632684	2.13	cps
Zirconium	90-1	6254288	6275590	6434978	6321619	1.56	cps
Zirconium	91-1	1376787	1442865	1408490	1409381	2.34	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6504	6449	6456	6470	0.47	cps
Antimony	121-1	1000	900	1033	978	7.10	cps
Arsenic	75-2	128	130	121	126	3.74	cps
Barium	135-1	69898	71523	72026	71149	1.56	cps
Barium	137-1	121438	123314	124345	123032	1.20	cps
Beryllium	9-1	87	95	65	82	18.93	cps
Bismuth	209-1	6740076	6679312	6650523	6689970	0.68	cps
Bismuth	209-2	2990907	3234284	3123210	3116134	3.91	cps
Boron	10-1	67281	70039	73226	70182	4.24	cps
Boron	11-1	304563	313060	330955	316193	4.26	cps
Bromine	81-1	111807	114896	115551	114085	1.75	cps
Cadmium	111-1	3667	3929	4030	3875	4.83	cps
Cadmium	106-1	5226	5610	5735	5523	4.80	cps
Cadmium	108-1	154	188	121	154	21.62	cps
Calcium	43-1	1076172	1082546	1084045	1080921	0.39	cps
Calcium	44-1	16744006	17015616	17854293	17204638	3.36	cps
Carbon	12-1	7217261	7969218	8542432	7909637	8.40	cps
Carbon	12-2	110632	115873	116233	114246	2.74	cps
Chlorine	35-1	1253518	1371657	1483986	1369720	8.41	cps
Chlorine	35-2	11530	12756	12806	12364	5.85	cps
Chromium	52-2	1503	1547	1483	1511	2.14	cps
Cobalt	59-2	947	933	947	942	0.82	cps
Copper	63-1	2759092	2840384	2780999	2793492	1.51	cps
Dysprosium	156-1	58	33	50	47	26.96	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	83	17	92	64	64.34	cps
Erbium	164-2	47	37	43	42	12.06	cps
Gadolinium	160-1	150	192	117	153	24.59	cps
Gadolinium	160-2	190	200	180	190	5.26	cps
Gold	197-1	0	17	0	6	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10271236	10587158	10481652	10446682	1.54	cps
Holmium	165-2	4334751	4454003	4609719	4466158	3.09	cps
Indium	115-1	8009928	8381776	8482749	8291484	3.00	cps
Indium	115-2	1318574	1358073	1340568	1339072	1.48	cps
Iron	56-2	28406	28618	27666	28230	1.77	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3317	3417	3539	3425	3.25	cps
Iron	54-2	2217	2178	2017	2137	4.96	cps
Krypton	83-1	349	354	331	345	3.43	cps
Lead	206-1	8236	8420	8620	8425	2.28	cps
Lead	207-1	7558	7313	7291	7387	2.00	cps
Lead	208-1	33774	34352	33612	33913	1.15	cps
Lithium	6-1	4735474	4724383	4818649	4759502	1.08	cps
Magnesium	24-2	2488037	2456571	2468708	2471105	0.64	cps
Manganese	55-2	11865	11555	11705	11708	1.33	cps
Molybdenum	94-1	1692	1617	1375	1561	10.60	cps
Molybdenum	95-1	2617	1867	2067	2184	17.79	cps
Molybdenum	96-1	2617	2650	2309	2525	7.46	cps
Molybdenum	97-1	1383	1342	1242	1322	5.51	cps
Molybdenum	98-1	3967	3501	3301	3589	9.53	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	103722	100361	101946	102010	1.65	cps
Phosphorus	31-2	1325	1625	1650	1533	11.80	cps
Potassium	39-2	263158	257874	256166	259066	1.41	cps
Rhodium	103-1	7881695	7936192	8000085	7939324	0.75	cps
Rhodium	103-2	3693179	3515281	3624288	3610916	2.48	cps
Scandium	45-1	5827773	5834622	6155231	5939209	3.15	cps
Scandium	45-2	208706	214707	210481	211298	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	97	91	87	15.06	cps
Selenium	82-1	81	75	136	97	34.57	cps
Silicon	28-1	25475921	25431993	25723335	25543750	0.61	cps
Silver	107-1	275	350	283	303	13.58	cps
Silver	109-1	150	233	208	197	21.68	cps
Sodium	23-2	14190013	13809415	14423220	14140883	2.19	cps
Strontium	86-1	608653	608507	617216	611458	0.82	cps
Strontium	88-1	5246036	5399833	5383825	5343231	1.58	cps
Sulfur	34-1	1286945	1283288	1282412	1284215	0.19	cps
Terbium	159-1	10109938	10938284	10592081	10546768	3.94	cps
Terbium	159-2	4422941	4619843	4414857	4485880	2.59	cps
Thallium	203-1	833	775	700	769	8.69	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:11:55	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1892	1792	1875	1853	2.89	cps
Tin	118-1	1900	1917	2234	2017	9.31	cps
Titanium	47-1	1050	1217	1358	1208	12.77	cps
Uranium	238-1	24800	24633	24883	24772	0.51	cps
Vanadium	51-2	2617	2814	2784	2738	3.87	cps
Ytterbium	172-1	100	92	100	97	4.95	cps
Ytterbium	172-2	56	44	44	48	13.32	cps
Ytterbium	176-1	1675	2050	2100	1942	11.96	cps
Ytterbium	176-2	10171	10960	10649	10593	3.75	cps
Yttrium	89-1	13875032	13546239	14218923	13880065	2.42	cps
Yttrium	89-2	1673500	1650680	1679992	1668057	0.92	cps
Zinc	66-2	635096	626981	619404	627160	1.25	cps
Zirconium	90-1	917	858	950	908	5.11	cps
Zirconium	91-1	142	83	167	131	32.75	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3544	3625	3600	3590	1.16	cps
Antimony	121-1	4659	4776	4968	4801	3.24	cps
Arsenic	75-2	403	411	407	407	0.98	cps
Barium	135-1	68895	68065	69706	68889	1.19	cps
Barium	137-1	122823	119452	123020	121765	1.65	cps
Beryllium	9-1	75	85	74	78	7.91	cps
Bismuth	209-1	6027030	6041083	6922427	6330180	8.10	cps
Bismuth	209-2	3125063	3230342	3238482	3197962	1.98	cps
Boron	10-1	113757	120065	122833	118885	3.91	cps
Boron	11-1	513266	542311	543743	533107	3.23	cps
Bromine	81-1	126114	130832	133640	130195	2.92	cps
Cadmium	111-1	3720	3886	4094	3900	4.80	cps
Cadmium	106-1	5309	5535	5701	5515	3.57	cps
Cadmium	108-1	179	121	79	126	39.74	cps
Calcium	43-1	1118652	1123877	1098867	1113799	1.18	cps
Calcium	44-1	17857959	17700028	17718671	17758886	0.49	cps
Carbon	12-1	10186728	11347506	12140573	11224936	8.75	cps
Carbon	12-2	148346	154267	154181	152265	2.23	cps
Chlorine	35-1	1671290	1768082	1851971	1763781	5.13	cps
Chlorine	35-2	15125	15809	16468	15801	4.25	cps
Chromium	52-2	1923	1807	1837	1856	3.27	cps
Cobalt	59-2	1893	1613	1613	1707	9.47	cps
Copper	63-1	669004	663656	669831	667497	0.50	cps
Dysprosium	156-1	33	25	125	61	90.80	cps
Dysprosium	156-2	7	20	47	24	83.31	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	33	3	23	20	76.39	cps
Gadolinium	160-1	125	133	133	131	3.69	cps
Gadolinium	160-2	153	143	170	156	8.66	cps
Gold	197-1	8	0	17	8	100.02	cps
Gold	197-2	6	6	6	6	0.00	cps
Holmium	165-1	9467269	9924927	10847894	10080030	6.98	cps
Holmium	165-2	4356621	4375333	4596253	4442736	3.00	cps
Indium	115-1	7414387	7919681	8571654	7968574	7.28	cps
Indium	115-2	1364321	1353377	1358005	1358568	0.40	cps
Iron	56-2	36887	37812	37539	37412	1.27	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3628	3751	3906	3762	3.70	cps
Iron	54-2	2867	2895	2923	2895	0.96	cps
Krypton	83-1	355	335	315	335	5.97	cps
Lead	206-1	8403	8464	8114	8327	2.25	cps
Lead	207-1	7452	6880	7219	7184	4.01	cps
Lead	208-1	33863	33173	32917	33318	1.47	cps
Lithium	6-1	4425339	4508703	4964133	4632725	6.26	cps
Magnesium	24-2	2566784	2562818	2508282	2545962	1.28	cps
Manganese	55-2	32253	32908	32300	32487	1.12	cps
Molybdenum	94-1	1809	2034	2092	1978	7.56	cps
Molybdenum	95-1	2859	2659	2184	2567	13.51	cps
Molybdenum	96-1	2975	2684	3150	2937	8.03	cps
Molybdenum	97-1	1683	1692	1558	1645	4.54	cps
Molybdenum	98-1	4609	4401	4026	4345	6.81	cps
Neodymium	150-1	13	7	47	22	96.44	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	43483	44015	43838	43778	0.62	cps
Phosphorus	31-2	2442	2634	2784	2620	6.54	cps
Potassium	39-2	263850	261724	266525	264033	0.91	cps
Rhodium	103-1	7213120	7493425	8293226	7666590	7.31	cps
Rhodium	103-2	3738687	3776720	3793330	3769579	0.74	cps
Scandium	45-1	5401806	5465776	6019263	5628948	6.03	cps
Scandium	45-2	212148	217374	220076	216533	1.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	88	70	105	88	19.96	cps
Selenium	82-1	124	176	181	160	19.86	cps
Silicon	28-1	25083551	25842288	24996863	25307567	1.84	cps
Silver	107-1	283	325	275	294	9.10	cps
Silver	109-1	183	150	183	172	11.17	cps
Sodium	23-2	15126324	14917569	14980762	15008218	0.71	cps
Strontium	86-1	639296	646734	645370	643800	0.62	cps
Strontium	88-1	5657481	5528961	5540317	5575586	1.28	cps
Sulfur	34-1	1298619	1323253	1318073	1313315	0.99	cps
Terbium	159-1	9963899	9862321	10706478	10177566	4.53	cps
Terbium	159-2	4448306	4528253	4584459	4520339	1.51	cps
Thallium	203-1	583	492	608	561	10.95	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-02	Instrumnet Name :	P8
Client Sample ID :	RM3-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:14:59	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1717	1450	1433	1533	10.37	cps
Tin	118-1	2859	3000	3009	2956	2.85	cps
Titanium	47-1	1633	1608	1475	1572	5.41	cps
Uranium	238-1	11230	10930	11230	11130	1.56	cps
Vanadium	51-2	2937	3007	2894	2946	1.94	cps
Ytterbium	172-1	92	25	25	47	81.51	cps
Ytterbium	172-2	17	17	50	28	69.27	cps
Ytterbium	176-1	1934	2067	2084	2028	4.05	cps
Ytterbium	176-2	10599	10899	10966	10821	1.81	cps
Yttrium	89-1	13306195	13805954	14750736	13954295	5.26	cps
Yttrium	89-2	1657336	1670051	1688817	1672068	0.95	cps
Zinc	66-2	354271	354891	348886	352683	0.94	cps
Zirconium	90-1	967	1092	1275	1111	13.96	cps
Zirconium	91-1	217	225	267	236	11.35	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7656	7815	7732	7734	1.03	cps
Antimony	121-1	13340	13832	13615	13596	1.81	cps
Arsenic	75-2	252	233	236	240	4.25	cps
Barium	135-1	99719	96664	99032	98472	1.63	cps
Barium	137-1	171462	170197	168665	170108	0.82	cps
Beryllium	9-1	77	62	54	65	18.60	cps
Bismuth	209-1	6303039	6721216	6837780	6620678	4.25	cps
Bismuth	209-2	3236886	3261170	3167088	3221715	1.52	cps
Boron	10-1	76245	79216	81258	78906	3.19	cps
Boron	11-1	347042	363088	368134	359421	3.06	cps
Bromine	81-1	161510	173469	181333	172104	5.80	cps
Cadmium	111-1	5622	6013	6022	5886	3.88	cps
Cadmium	106-1	6152	6477	6510	6379	3.11	cps
Cadmium	108-1	358	304	342	335	8.29	cps
Calcium	43-1	1202554	1239123	1247380	1229686	1.94	cps
Calcium	44-1	19515473	19950091	20555390	20006985	2.61	cps
Carbon	12-1	9359277	10447708	11048091	10285025	8.32	cps
Carbon	12-2	142984	142380	141209	142191	0.63	cps
Chlorine	35-1	1975148	2069003	2150249	2064800	4.24	cps
Chlorine	35-2	18095	17828	18095	18006	0.86	cps
Chromium	52-2	1470	1360	1337	1389	5.13	cps
Cobalt	59-2	2124	2217	1973	2105	5.83	cps
Copper	63-1	2792101	2827020	2806031	2808384	0.63	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	10	17	27	18	47.19	cps
Erbium	164-1	58	83	83	75	19.25	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	175	158	108	147	23.57	cps
Gadolinium	160-2	127	177	163	156	16.64	cps
Gold	197-1	8	8	0	6	86.60	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	10277585	10766318	10871571	10638491	2.98	cps
Holmium	165-2	4629687	4558054	4509862	4565868	1.32	cps
Indium	115-1	7840846	8740222	8615288	8398786	5.80	cps
Indium	115-2	1333698	1370764	1385616	1363359	1.96	cps
Iron	56-2	42971	41934	40992	41966	2.36	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4456	4456	4273	4395	2.41	cps
Iron	54-2	2867	2884	2917	2889	0.88	cps
Krypton	83-1	291	324	332	316	6.88	cps
Lead	206-1	169899	170235	170592	170242	0.20	cps
Lead	207-1	143063	147790	145063	145305	1.63	cps
Lead	208-1	657449	668864	667942	664752	0.95	cps
Lithium	6-1	4627498	4898163	4919990	4815217	3.38	cps
Magnesium	24-2	2955173	2869798	2934312	2919761	1.52	cps
Manganese	55-2	324220	322431	324522	323724	0.35	cps
Molybdenum	94-1	1867	1984	1850	1900	3.82	cps
Molybdenum	95-1	2559	2700	2609	2623	2.74	cps
Molybdenum	96-1	2800	2800	2792	2798	0.17	cps
Molybdenum	97-1	1617	1725	1642	1661	3.41	cps
Molybdenum	98-1	4376	4217	4109	4234	3.17	cps
Neodymium	150-1	60	33	27	40	44.09	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	28903	28582	29080	28855	0.87	cps
Phosphorus	31-2	1934	1834	1733	1834	5.45	cps
Potassium	39-2	260394	254373	250404	255057	1.97	cps
Rhodium	103-1	7751291	8044911	8367902	8054701	3.83	cps
Rhodium	103-2	3694755	3698028	3796901	3729894	1.56	cps
Scandium	45-1	5509592	6089633	6019052	5872759	5.39	cps
Scandium	45-2	210301	216298	220861	215820	2.45	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	90	74	85	83	9.86	cps
Selenium	82-1	184	195	210	196	6.71	cps
Silicon	28-1	30524586	30924056	30730139	30726260	0.65	cps
Silver	107-1	1050	992	983	1008	3.60	cps
Silver	109-1	875	758	808	814	7.19	cps
Sodium	23-2	14723496	14531383	14470948	14575276	0.90	cps
Strontium	86-1	700261	695756	733933	709983	2.94	cps
Strontium	88-1	6044274	6224531	6056403	6108402	1.65	cps
Sulfur	34-1	1277095	1280874	1293240	1283736	0.66	cps
Terbium	159-1	10628998	11233517	11192501	11018338	3.07	cps
Terbium	159-2	4614788	4651011	4605810	4623870	0.52	cps
Thallium	203-1	1592	1517	1583	1564	2.63	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03	Instrumnet Name :	P8
Client Sample ID :	RM2	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:18:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3692	4117	4117	3976	6.17	cps
Tin	118-1	162816	164003	170519	165779	2.50	cps
Titanium	47-1	1833	1875	1658	1789	6.43	cps
Uranium	238-1	37933	39571	39236	38913	2.22	cps
Vanadium	51-2	4021	3834	4114	3989	3.57	cps
Ytterbium	172-1	58	108	67	78	34.45	cps
Ytterbium	172-2	33	61	33	43	37.66	cps
Ytterbium	176-1	1900	1975	2175	2017	7.05	cps
Ytterbium	176-2	10293	10838	10994	10708	3.44	cps
Yttrium	89-1	13610810	14492337	14720770	14274639	4.11	cps
Yttrium	89-2	1707611	1745427	1708975	1720671	1.25	cps
Zinc	66-2	1251117	1248177	1221740	1240345	1.30	cps
Zirconium	90-1	1275	1333	1342	1317	2.76	cps
Zirconium	91-1	308	250	283	281	10.43	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7759	7772	7600	7710	1.24	cps
Antimony	121-1	13916	13232	14033	13727	3.15	cps
Arsenic	75-2	211	234	210	218	6.22	cps
Barium	135-1	97814	98165	97015	97665	0.60	cps
Barium	137-1	169425	172778	169645	170616	1.10	cps
Beryllium	9-1	81	52	61	65	22.68	cps
Bismuth	209-1	6887364	6734232	6694537	6772045	1.50	cps
Bismuth	209-2	3097920	3253778	3282774	3211491	3.10	cps
Boron	10-1	76811	80685	81079	79525	2.97	cps
Boron	11-1	345355	362613	365327	357765	3.03	cps
Bromine	81-1	173154	180893	188535	180861	4.25	cps
Cadmium	111-1	5815	5644	5494	5651	2.84	cps
Cadmium	106-1	6285	5951	5976	6071	3.06	cps
Cadmium	108-1	413	329	396	379	11.63	cps
Calcium	43-1	1279646	1203035	1269767	1250816	3.33	cps
Calcium	44-1	19894091	19759724	20349708	20001174	1.55	cps
Carbon	12-1	9763949	10592327	11171911	10509396	6.73	cps
Carbon	12-2	139175	140360	140025	139853	0.44	cps
Chlorine	35-1	2123351	2274312	2328993	2242219	4.75	cps
Chlorine	35-2	19355	18871	19731	19319	2.23	cps
Chromium	52-2	1267	1333	1223	1275	4.35	cps
Cobalt	59-2	1937	1957	2020	1971	2.21	cps
Copper	63-1	2882654	2841229	2737694	2820526	2.65	cps
Dysprosium	156-1	42	50	75	56	31.22	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	108	83	50	81	36.33	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	217	183	175	192	11.50	cps
Gadolinium	160-2	183	143	197	174	15.91	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	10761959	10712868	10872620	10782482	0.76	cps
Holmium	165-2	4501346	4557112	4687374	4581944	2.08	cps
Indium	115-1	8728256	8601555	8628784	8652865	0.77	cps
Indium	115-2	1416868	1384599	1384203	1395223	1.34	cps
Iron	56-2	39717	40881	40842	40480	1.63	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4206	3878	4173	4086	4.42	cps
Iron	54-2	2839	2678	2889	2802	3.94	cps
Krypton	83-1	309	324	346	326	5.78	cps
Lead	206-1	169303	166405	168119	167942	0.87	cps
Lead	207-1	145510	143664	142156	143777	1.17	cps
Lead	208-1	668375	660793	660724	663297	0.66	cps
Lithium	6-1	4910558	4953314	4836261	4900044	1.21	cps
Magnesium	24-2	2897123	2888023	2876877	2887341	0.35	cps
Manganese	55-2	326389	324530	319733	323551	1.06	cps
Molybdenum	94-1	1825	2059	1775	1886	8.02	cps
Molybdenum	95-1	2650	2509	2909	2689	7.54	cps
Molybdenum	96-1	2950	2792	3184	2975	6.62	cps
Molybdenum	97-1	1383	1692	1592	1556	10.11	cps
Molybdenum	98-1	3901	3942	3934	3926	0.56	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	28729	28572	27467	28256	2.44	cps
Phosphorus	31-2	2042	1884	1733	1886	8.18	cps
Potassium	39-2	258024	261039	251899	256987	1.81	cps
Rhodium	103-1	8279414	8273423	8254117	8268985	0.16	cps
Rhodium	103-2	3840518	3765483	3777210	3794404	1.06	cps
Scandium	45-1	6250625	6119793	6228282	6199567	1.13	cps
Scandium	45-2	216978	217474	216176	216876	0.30	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	100	89	92	94	6.07	cps
Selenium	82-1	187	147	131	155	18.62	cps
Silicon	28-1	31026063	31620580	30287289	30977977	2.16	cps
Silver	107-1	1100	992	1075	1056	5.37	cps
Silver	109-1	875	908	1017	933	7.94	cps
Sodium	23-2	14671298	14863458	14500476	14678411	1.24	cps
Strontium	86-1	701532	715757	707263	708184	1.01	cps
Strontium	88-1	5988741	6043337	5954228	5995435	0.75	cps
Sulfur	34-1	1308437	1303955	1301205	1304532	0.28	cps
Terbium	159-1	11040406	10929290	10862164	10943953	0.82	cps
Terbium	159-2	4606996	4637416	4619131	4621181	0.33	cps
Thallium	203-1	1734	1450	1525	1570	9.35	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03DUP	Instrumnet Name :	P8
Client Sample ID :	RM2DUP	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:21:08	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3601	3817	3367	3595	6.26	cps
Tin	118-1	166199	166931	165186	166105	0.53	cps
Titanium	47-1	1725	1742	1775	1747	1.46	cps
Uranium	238-1	39571	38861	39529	39320	1.01	cps
Vanadium	51-2	3997	3947	3937	3961	0.81	cps
Ytterbium	172-1	67	67	117	83	34.64	cps
Ytterbium	172-2	28	33	39	33	16.67	cps
Ytterbium	176-1	2334	1892	1842	2022	13.38	cps
Ytterbium	176-2	10755	10649	10716	10706	0.50	cps
Yttrium	89-1	14538110	14029996	14353656	14307254	1.80	cps
Yttrium	89-2	1700301	1735328	1711497	1715709	1.04	cps
Zinc	66-2	1233386	1232006	1220382	1228591	0.58	cps
Zirconium	90-1	1283	1500	1300	1361	8.86	cps
Zirconium	91-1	342	242	292	292	17.14	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1652	1747	1592	1664	4.70	cps
Antimony	121-1	2750	2509	2642	2634	4.60	cps
Arsenic	75-2	45	53	62	53	15.95	cps
Barium	135-1	19698	20224	19164	19695	2.69	cps
Barium	137-1	33017	33593	32398	33003	1.81	cps
Beryllium	9-1	51	55	62	56	10.19	cps
Bismuth	209-1	6689456	6518694	6780279	6662810	1.99	cps
Bismuth	209-2	3255257	3250644	3313248	3273050	1.07	cps
Boron	10-1	22691	22857	22899	22816	0.48	cps
Boron	11-1	102428	103093	101857	102459	0.60	cps
Bromine	81-1	109578	108155	111213	109649	1.40	cps
Cadmium	111-1	4501	4353	4587	4480	2.64	cps
Cadmium	106-1	6001	5743	6093	5946	3.05	cps
Cadmium	108-1	54	96	100	83	30.41	cps
Calcium	43-1	242837	241213	242692	242248	0.37	cps
Calcium	44-1	4001075	3952619	3945328	3966341	0.76	cps
Carbon	12-1	5638324	5662898	5842942	5714721	1.95	cps
Carbon	12-2	67949	69515	69573	69013	1.34	cps
Chlorine	35-1	1265742	1287342	1257312	1270132	1.22	cps
Chlorine	35-2	9595	9445	9312	9451	1.50	cps
Chromium	52-2	863	823	820	836	2.89	cps
Cobalt	59-2	503	430	423	452	9.82	cps
Copper	63-1	532512	541058	535941	536504	0.80	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	8	0	28	148.00	cps
Erbium	164-2	27	13	23	21	32.88	cps
Gadolinium	160-1	100	150	108	119	22.43	cps
Gadolinium	160-2	153	147	147	149	2.59	cps
Gold	197-1	0	17	8	8	100.02	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10753421	9839444	10241862	10278242	4.46	cps
Holmium	165-2	4499130	4590398	4742900	4610809	2.67	cps
Indium	115-1	8587307	7879739	8334431	8267159	4.34	cps
Indium	115-2	1351493	1356813	1514491	1407599	6.58	cps
Iron	56-2	11827	12801	11799	12143	4.70	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	772	1050	1022	948	16.14	cps
Iron	54-2	1356	1472	1239	1356	8.61	cps
Krypton	83-1	355	330	339	341	3.72	cps
Lead	206-1	33499	34552	32970	33674	2.39	cps
Lead	207-1	28988	30186	28226	29133	3.39	cps
Lead	208-1	133187	137945	132962	134698	2.09	cps
Lithium	6-1	4877108	4486636	4812462	4725402	4.43	cps
Magnesium	24-2	555771	550488	531083	545781	2.38	cps
Manganese	55-2	64171	64439	63688	64099	0.59	cps
Molybdenum	94-1	500	533	608	547	10.14	cps
Molybdenum	95-1	550	600	592	581	4.61	cps
Molybdenum	96-1	725	933	933	864	13.92	cps
Molybdenum	97-1	400	433	408	414	4.19	cps
Molybdenum	98-1	975	1067	950	997	6.16	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	5918	5748	5595	5753	2.81	cps
Phosphorus	31-2	617	767	658	681	11.38	cps
Potassium	39-2	68915	67592	67324	67944	1.25	cps
Rhodium	103-1	8073460	7446647	8176377	7898828	5.00	cps
Rhodium	103-2	3791335	3708704	3869170	3789736	2.12	cps
Scandium	45-1	5789852	5498463	6059823	5782713	4.85	cps
Scandium	45-2	212807	215475	229746	219343	4.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	84	88	81	84	4.16	cps
Selenium	82-1	69	73	35	59	35.15	cps
Silicon	28-1	6634503	6515240	6551550	6567098	0.93	cps
Silver	107-1	217	308	292	272	17.94	cps
Silver	109-1	200	175	300	225	29.40	cps
Sodium	23-2	2878234	2931716	2859310	2889753	1.30	cps
Strontium	86-1	137601	135909	137156	136889	0.64	cps
Strontium	88-1	1207525	1184114	1174128	1188589	1.44	cps
Sulfur	34-1	573514	587398	583412	581442	1.23	cps
Terbium	159-1	10744103	9905930	10545462	10398498	4.21	cps
Terbium	159-2	4602945	4660482	4766306	4676578	1.77	cps
Thallium	203-1	725	800	717	747	6.14	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03LX5	Instrumnet Name :	P8
Client Sample ID :	RM2L	Dilution Factor :	5
Date & Time Acquired :	2022-09-21 17:24:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1425	1683	1542	1550	8.35	cps
Tin	118-1	34895	35288	35731	35305	1.18	cps
Titanium	47-1	583	400	600	528	21.03	cps
Uranium	238-1	7761	8136	8120	8006	2.65	cps
Vanadium	51-2	720	850	837	802	8.91	cps
Ytterbium	172-1	25	50	42	39	32.73	cps
Ytterbium	172-2	17	67	39	41	61.49	cps
Ytterbium	176-1	1792	1934	1809	1845	4.20	cps
Ytterbium	176-2	10704	10449	11666	10940	5.87	cps
Yttrium	89-1	14537419	12834281	14431631	13934444	6.85	cps
Yttrium	89-2	1710771	1740943	1777111	1742942	1.91	cps
Zinc	66-2	250580	248787	247219	248862	0.68	cps
Zirconium	90-1	833	833	683	783	11.06	cps
Zirconium	91-1	167	117	150	144	17.63	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3319	3165	3155	3213	2.86	cps
Antimony	121-1	3409	3017	2959	3128	7.82	cps
Arsenic	75-2	134	122	102	119	13.55	cps
Barium	135-1	86143	85738	82596	84826	2.29	cps
Barium	137-1	145709	144385	145359	145151	0.47	cps
Beryllium	9-1	64	44	45	51	22.04	cps
Bismuth	209-1	6203635	6784169	6592163	6526656	4.53	cps
Bismuth	209-2	3277353	3204736	3165855	3215982	1.76	cps
Boron	10-1	87020	91254	92439	90238	3.16	cps
Boron	11-1	392693	409893	419552	407380	3.34	cps
Bromine	81-1	125305	133972	137500	132259	4.74	cps
Cadmium	111-1	4295	4704	4861	4620	6.32	cps
Cadmium	106-1	5560	6143	6377	6026	6.98	cps
Cadmium	108-1	346	250	283	293	16.60	cps
Calcium	43-1	1140777	1115982	1104193	1120317	1.67	cps
Calcium	44-1	17976320	17660330	17441857	17692836	1.52	cps
Carbon	12-1	8076476	8981374	9599840	8885897	8.62	cps
Carbon	12-2	125156	121594	125794	124181	1.82	cps
Chlorine	35-1	1894595	2002393	2091297	1996095	4.93	cps
Chlorine	35-2	17461	17244	17236	17314	0.74	cps
Chromium	52-2	1120	1123	1177	1140	2.79	cps
Cobalt	59-2	867	1030	890	929	9.51	cps
Copper	63-1	1327778	1333089	1319996	1326954	0.50	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	27	50	13	30	61.87	cps
Gadolinium	160-1	167	158	250	192	26.45	cps
Gadolinium	160-2	147	143	170	153	9.47	cps
Gold	197-1	25	17	0	14	91.65	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	10150464	10998384	10719145	10622664	4.07	cps
Holmium	165-2	4545272	4654217	4644372	4614620	1.31	cps
Indium	115-1	8178939	8785768	8508093	8490934	3.58	cps
Indium	115-2	1358023	1357329	1368683	1361345	0.47	cps
Iron	56-2	34832	33907	34598	34446	1.40	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	3878	3545	3789	3738	4.62	cps
Iron	54-2	2384	2589	2395	2456	4.71	cps
Krypton	83-1	360	331	384	358	7.34	cps
Lead	206-1	29818	30353	30748	30306	1.54	cps
Lead	207-1	24796	25587	25130	25171	1.58	cps
Lead	208-1	117356	119535	118513	118468	0.92	cps
Lithium	6-1	4570636	4918059	4905602	4798099	4.11	cps
Magnesium	24-2	2653928	2586201	2543012	2594380	2.15	cps
Manganese	55-2	10874	10791	10951	10872	0.74	cps
Molybdenum	94-1	1225	1425	1250	1300	8.38	cps
Molybdenum	95-1	1733	1808	2067	1870	9.35	cps
Molybdenum	96-1	2300	2159	2184	2214	3.42	cps
Molybdenum	97-1	1275	1000	1058	1111	13.04	cps
Molybdenum	98-1	3159	2950	3084	3064	3.44	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	95536	94314	92603	94151	1.56	cps
Phosphorus	31-2	1292	1167	1250	1236	5.15	cps
Potassium	39-2	275866	280072	277814	277917	0.76	cps
Rhodium	103-1	7642178	7909491	8424332	7992000	4.97	cps
Rhodium	103-2	3747981	3704836	3773132	3741983	0.92	cps
Scandium	45-1	5694640	5977538	6265628	5979269	4.77	cps
Scandium	45-2	217441	216654	218297	217464	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	75	98	87	87	13.27	cps
Selenium	82-1	105	141	72	106	32.37	cps
Silicon	28-1	20869626	20599444	20901032	20790034	0.80	cps
Silver	107-1	858	1000	908	922	7.79	cps
Silver	109-1	933	692	733	786	16.43	cps
Sodium	23-2	15423710	14967983	14874989	15088894	1.95	cps
Strontium	86-1	629776	632707	637640	633374	0.63	cps
Strontium	88-1	5539742	5500003	5511507	5517084	0.37	cps
Sulfur	34-1	1359081	1330388	1328442	1339304	1.28	cps
Terbium	159-1	10165587	10747693	11067369	10660216	4.29	cps
Terbium	159-2	4652818	4597525	4434948	4561764	2.48	cps
Thallium	203-1	1292	1392	1192	1292	7.74	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-04	Instrumnet Name :	P8
Client Sample ID :	INFANT-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:27:17	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3042	2850	2975	2956	3.29	cps
Tin	118-1	2567	2392	2409	2456	3.93	cps
Titanium	47-1	1325	1258	1150	1245	7.10	cps
Uranium	238-1	15376	15026	14258	14887	3.84	cps
Vanadium	51-2	1817	1830	1867	1838	1.41	cps
Ytterbium	172-1	75	75	75	75	0.00	cps
Ytterbium	172-2	39	22	39	33	28.87	cps
Ytterbium	176-1	1892	1892	1934	1906	1.26	cps
Ytterbium	176-2	10749	10860	10977	10862	1.05	cps
Yttrium	89-1	13897137	14171440	15014876	14361151	4.06	cps
Yttrium	89-2	1724848	1733489	1677099	1711812	1.77	cps
Zinc	66-2	1233361	1196464	1218268	1216031	1.53	cps
Zirconium	90-1	700	850	858	803	11.10	cps
Zirconium	91-1	117	158	150	142	15.56	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8086	8009	7830	7975	1.65	cps
Antimony	121-1	5535	5360	5043	5312	4.69	cps
Arsenic	75-2	96	94	63	84	21.94	cps
Barium	135-1	89817	87326	89271	88805	1.47	cps
Barium	137-1	155694	151329	156058	154360	1.70	cps
Beryllium	9-1	62	61	656	260	132.00	cps
Bismuth	209-1	6663813	6752761	6584462	6667012	1.26	cps
Bismuth	209-2	2861739	3176569	3161864	3066724	5.79	cps
Boron	10-1	69262	72406	71273	70980	2.24	cps
Boron	11-1	314765	321787	327405	321319	1.97	cps
Bromine	81-1	138673	145418	148694	144262	3.54	cps
Cadmium	111-1	6347	5655	6287	6096	6.28	cps
Cadmium	106-1	6927	6043	6819	6596	7.31	cps
Cadmium	108-1	492	500	450	481	5.58	cps
Calcium	43-1	1142033	1156526	1150999	1149853	0.64	cps
Calcium	44-1	18185330	18309106	18618821	18371086	1.22	cps
Carbon	12-1	8804633	9816455	10469321	9696803	8.65	cps
Carbon	12-2	130670	129250	133764	131228	1.76	cps
Chlorine	35-1	2112718	2152635	2258021	2174458	3.45	cps
Chlorine	35-2	18454	19005	19146	18868	1.94	cps
Chromium	52-2	1493	1537	1603	1545	3.59	cps
Cobalt	59-2	2944	2814	2854	2870	2.32	cps
Copper	63-1	1624167	1579430	1589704	1597767	1.47	cps
Dysprosium	156-1	100	83	83	89	10.82	cps
Dysprosium	156-2	20	23	27	23	14.29	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	10	27	20	19	44.42	cps
Gadolinium	160-1	200	83	175	153	40.20	cps
Gadolinium	160-2	153	210	163	176	17.23	cps
Gold	197-1	8	8	33	17	86.62	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10814630	10271272	10651569	10579157	2.64	cps
Holmium	165-2	4240693	4386619	4544422	4390578	3.46	cps
Indium	115-1	8462096	8410564	8305844	8392835	0.95	cps
Indium	115-2	1247806	1299750	1330146	1292567	3.22	cps
Iron	56-2	117290	112463	110409	113388	3.12	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5818	5985	5723	5842	2.26	cps
Iron	54-2	6607	6741	6513	6620	1.73	cps
Krypton	83-1	336	280	351	322	11.65	cps
Lead	206-1	27780	28448	38650	31626	19.26	cps
Lead	207-1	24206	24201	34846	27751	22.14	cps
Lead	208-1	111479	111879	150905	124754	18.15	cps
Lithium	6-1	4893071	4886842	4790928	4856947	1.18	cps
Magnesium	24-2	2656024	2634285	2577817	2622709	1.54	cps
Manganese	55-2	28442	27413	27520	27792	2.03	cps
Molybdenum	94-1	1500	1367	2126	1664	24.35	cps
Molybdenum	95-1	2067	1892	3018	2325	26.05	cps
Molybdenum	96-1	2050	2067	3376	2498	30.46	cps
Molybdenum	97-1	1125	1333	2034	1497	31.79	cps
Molybdenum	98-1	3242	3384	5269	3965	28.54	cps
Neodymium	150-1	40	67	40	49	31.50	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	328234	322862	323045	324713	0.94	cps
Phosphorus	31-2	1042	1017	1008	1022	1.70	cps
Potassium	39-2	267483	263242	261511	264079	1.16	cps
Rhodium	103-1	7913701	8052767	8097936	8021468	1.20	cps
Rhodium	103-2	3495765	3623833	3628699	3582766	2.10	cps
Scandium	45-1	5953763	6071486	6080524	6035258	1.17	cps
Scandium	45-2	202073	208847	210762	207228	2.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	67	81	76	10.59	cps
Selenium	82-1	114	245	179	179	36.63	cps
Silicon	28-1	24560863	25030526	24758427	24783272	0.95	cps
Silver	107-1	375	450	367	397	11.55	cps
Silver	109-1	325	142	267	244	38.32	cps
Sodium	23-2	15349378	15200025	15211105	15253503	0.55	cps
Strontium	86-1	631679	623823	632857	629453	0.78	cps
Strontium	88-1	5573335	5584576	5478868	5545593	1.05	cps
Sulfur	34-1	1241597	1276199	1232344	1250047	1.85	cps
Terbium	159-1	10719298	10866660	10947241	10844400	1.07	cps
Terbium	159-2	4179085	4468854	4543162	4397034	4.38	cps
Thallium	203-1	1025	792	4859	2225	102.63	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-05	Instrumnet Name :	P8
Client Sample ID :	TODDLER-BATH	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:30:24	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2484	2609	10769	5287	89.80	cps
Tin	118-1	5068	5193	5360	5207	2.81	cps
Titanium	47-1	1242	1133	1967	1447	31.32	cps
Uranium	238-1	30930	32542	39015	34163	12.53	cps
Vanadium	51-2	2794	2510	2510	2605	6.28	cps
Ytterbium	172-1	67	75	58	67	12.49	cps
Ytterbium	172-2	28	50	44	41	28.38	cps
Ytterbium	176-1	1942	2059	2042	2014	3.13	cps
Ytterbium	176-2	9231	10565	10282	10026	7.01	cps
Yttrium	89-1	14211291	14041706	14499903	14250967	1.63	cps
Yttrium	89-2	1595184	1665782	1629017	1629994	2.17	cps
Zinc	66-2	1921732	1891218	1886870	1899940	1.00	cps
Zirconium	90-1	750	858	1375	995	33.60	cps
Zirconium	91-1	75	92	258	142	71.56	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3512489	3478611	3441815	3477638	1.02	cps
Antimony	121-1	2979516	2895809	2822322	2899216	2.71	cps
Arsenic	75-2	90256	86780	86689	87908	2.31	cps
Barium	135-1	4278436	4256596	4019857	4184963	3.43	cps
Barium	137-1	7186133	7297112	6914703	7132649	2.76	cps
Beryllium	9-1	1258863	1268749	1259551	1262388	0.44	cps
Bismuth	209-1	5981628	6513769	6195094	6230164	4.30	cps
Bismuth	209-2	3053629	2988522	2919224	2987125	2.25	cps
Boron	10-1	321985	338127	339660	333257	2.94	cps
Boron	11-1	1324858	1452497	1405360	1394239	4.63	cps
Bromine	81-1	83675	83626	78219	81840	3.83	cps
Cadmium	111-1	837574	846783	832845	839067	0.84	cps
Cadmium	106-1	106572	108855	105276	106901	1.70	cps
Cadmium	108-1	68289	68373	67246	67969	0.92	cps
Calcium	43-1	6274214	6057229	5932284	6087909	2.84	cps
Calcium	44-1	96890309	99436598	93516151	96614353	3.07	cps
Carbon	12-1	5906430	6031950	6008905	5982428	1.12	cps
Carbon	12-2	75553	71081	75897	74177	3.62	cps
Chlorine	35-1	1085092	1037535	1002245	1041624	3.99	cps
Chlorine	35-2	7652	7511	7452	7538	1.37	cps
Chromium	52-2	941032	940289	913320	931547	1.69	cps
Cobalt	59-2	1720156	1679968	1692582	1697569	1.21	cps
Copper	63-1	46976499	48214092	45805627	46998739	2.56	cps
Dysprosium	156-1	517	558	717	597	17.67	cps
Dysprosium	156-2	200	210	237	216	8.79	cps
Erbium	164-1	58	58	50	56	8.66	cps
Erbium	164-2	33	37	57	42	29.89	cps
Gadolinium	160-1	400	358	375	378	5.55	cps
Gadolinium	160-2	267	287	310	288	7.54	cps
Gold	197-1	50	67	17	44	57.28	cps
Gold	197-2	89	100	50	80	32.97	cps
Holmium	165-1	10784261	11289055	10627494	10900270	3.17	cps
Holmium	165-2	4613838	4563910	4403170	4526973	2.43	cps
Indium	115-1	8188492	8205144	8046244	8146627	1.07	cps
Indium	115-2	1297730	1292990	1281011	1290577	0.67	cps
Iron	56-2	207766249	205958082	205612410	206445581	0.56	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5239878	5126304	4971589	5112591	2.63	cps
Iron	54-2	11510421	11024783	11057198	11197467	2.42	cps
Krypton	83-1	387	384	400	390	2.18	cps
Lead	206-1	13822710	14275739	14358404	14152284	2.04	cps
Lead	207-1	12234716	12586162	12269218	12363365	1.57	cps
Lead	208-1	55528616	57644542	56329124	56500761	1.89	cps
Lithium	6-1	4799087	4803051	4738364	4780167	0.76	cps
Magnesium	24-2	43259996	43435088	42273500	42989528	1.46	cps
Manganese	55-2	5401691	5382305	5259312	5347769	1.44	cps
Molybdenum	94-1	12323156	12982895	12722498	12676183	2.62	cps
Molybdenum	95-1	18427164	18483310	18075324	18328600	1.21	cps
Molybdenum	96-1	20417627	19936593	19733944	20029388	1.75	cps
Molybdenum	97-1	10871903	11428455	11031464	11110607	2.58	cps
Molybdenum	98-1	29306127	29059623	27579493	28648414	3.26	cps
Neodymium	150-1	480	480	373	444	13.86	cps
Neodymium	150-2	37	57	53	49	21.91	cps
Nickel	60-2	441367	428887	421557	430604	2.33	cps
Phosphorus	31-2	42638	40767	39538	40981	3.81	cps
Potassium	39-2	16450234	15714483	15519520	15894746	3.09	cps
Rhodium	103-1	7557249	7921216	7556633	7678366	2.74	cps
Rhodium	103-2	3400462	3436203	3390346	3409004	0.71	cps
Scandium	45-1	6057073	6070068	6058083	6061741	0.12	cps
Scandium	45-2	213381	214525	212343	213416	0.51	cps
Selenium	77-2	2470	2530	2250	2417	6.10	cps
Selenium	78-2	8060	7791	7824	7892	1.86	cps
Selenium	82-1	72757	74153	71950	72953	1.53	cps
Silicon	28-1	19188022	19736534	19260360	19394972	1.54	cps
Silver	107-1	4562467	4416047	4379757	4452757	2.17	cps
Silver	109-1	4172449	4372778	4113198	4219475	3.22	cps
Sodium	23-2	85710000	85052529	83267360	84676630	1.49	cps
Strontium	86-1	28942798	30138312	28787464	29289525	2.52	cps
Strontium	88-1	258237231	258951906	246492939	254560692	2.75	cps
Sulfur	34-1	914876	931391	906130	917466	1.40	cps
Terbium	159-1	10676052	11386935	10875564	10979517	3.34	cps
Terbium	159-2	4566721	4563564	4450168	4526818	1.47	cps
Thallium	203-1	3287555	3494624	3301183	3361121	3.45	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:33:28	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7854322	8296572	8018420	8056438	2.77	cps
Tin	118-1	2898903	2975074	2936150	2936709	1.30	cps
Titanium	47-1	5674031	5678788	5411174	5587997	2.74	cps
Uranium	238-1	11555328	12039747	10969534	11521536	4.65	cps
Vanadium	51-2	786613	764800	750762	767392	2.35	cps
Ytterbium	172-1	133	158	133	142	10.19	cps
Ytterbium	172-2	106	78	44	76	40.30	cps
Ytterbium	176-1	9195	10696	10388	10093	7.86	cps
Ytterbium	176-2	13635	13118	13301	13351	1.96	cps
Yttrium	89-1	14935173	14633766	14169203	14579381	2.65	cps
Yttrium	89-2	1679799	1661211	1686638	1675883	0.79	cps
Zinc	66-2	1554746	1504355	1480916	1513339	2.49	cps
Zirconium	90-1	6343200	6523336	6244627	6370388	2.22	cps
Zirconium	91-1	1479003	1548014	1441881	1489633	3.62	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	346	354	364	6.82	cps
Antimony	121-1	200	258	358	272	29.42	cps
Arsenic	75-2	10	11	5	9	37.09	cps
Barium	135-1	142	108	100	117	18.90	cps
Barium	137-1	300	117	192	203	45.45	cps
Beryllium	9-1	111	104	85	100	13.52	cps
Bismuth	209-1	6790677	6570018	7260940	6873879	5.13	cps
Bismuth	209-2	3204086	3209743	3354543	3256124	2.62	cps
Boron	10-1	7616	7134	7316	7356	3.31	cps
Boron	11-1	33634	32884	32355	32958	1.95	cps
Bromine	81-1	68067	71610	74494	71390	4.51	cps
Cadmium	111-1	3935	3512	3973	3806	6.73	cps
Cadmium	106-1	5593	5076	5701	5457	6.12	cps
Cadmium	108-1	67	125	50	81	48.89	cps
Calcium	43-1	492	480	441	471	5.67	cps
Calcium	44-1	12616	11871	11893	12127	3.50	cps
Carbon	12-1	3704407	3849556	3791436	3781800	1.93	cps
Carbon	12-2	48464	48522	47553	48180	1.13	cps
Chlorine	35-1	603285	597483	599790	600186	0.49	cps
Chlorine	35-2	4593	4526	4676	4598	1.64	cps
Chromium	52-2	743	777	690	737	5.93	cps
Cobalt	59-2	53	77	63	64	18.17	cps
Copper	63-1	6852	6632	6285	6590	4.33	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	8	50	75	44	75.78	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	142	92	117	117	21.43	cps
Gadolinium	160-2	153	163	200	172	14.26	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	10131381	10405773	10932509	10489888	3.88	cps
Holmium	165-2	4330262	4373227	4475431	4392973	1.70	cps
Indium	115-1	8393942	7963175	9119028	8492049	6.88	cps
Indium	115-2	1348495	1344908	1367448	1353617	0.89	cps
Iron	56-2	6374	6107	6151	6211	2.30	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	228	233	272	244	9.91	cps
Iron	54-2	1006	1156	944	1035	10.49	cps
Krypton	83-1	337	359	291	329	10.48	cps
Lead	206-1	1300	1050	1050	1133	12.74	cps
Lead	207-1	1011	939	917	956	5.17	cps
Lead	208-1	4650	4123	4128	4300	7.05	cps
Lithium	6-1	4756278	4564334	5018283	4779632	4.77	cps
Magnesium	24-2	525	467	458	483	7.52	cps
Manganese	55-2	317	273	243	278	13.27	cps
Molybdenum	94-1	742	650	742	711	7.44	cps
Molybdenum	95-1	1000	883	833	906	9.44	cps
Molybdenum	96-1	1242	1050	1192	1161	8.56	cps
Molybdenum	97-1	633	508	492	544	14.22	cps
Molybdenum	98-1	1900	1467	1392	1586	17.30	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	77	77	103	86	17.99	cps
Phosphorus	31-2	392	350	350	364	6.61	cps
Potassium	39-2	21091	21200	21174	21155	0.27	cps
Rhodium	103-1	8090661	7809655	8432497	8110938	3.85	cps
Rhodium	103-2	3599662	3685041	3694457	3659720	1.43	cps
Scandium	45-1	5751691	5758035	6094713	5868147	3.34	cps
Scandium	45-2	206742	209630	211756	209376	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	67	88	79	13.83	cps
Selenium	82-1	6	-10	71	22	191.09	cps
Silicon	28-1	698723	712429	698605	703252	1.13	cps
Silver	107-1	325	350	167	281	35.44	cps
Silver	109-1	308	158	150	206	43.35	cps
Sodium	23-2	30149	29823	29931	29967	0.55	cps
Strontium	86-1	1233	1325	1117	1225	8.52	cps
Strontium	88-1	6493	5201	4193	5296	21.78	cps
Sulfur	34-1	346929	344240	345732	345634	0.39	cps
Terbium	159-1	10584809	10172658	11248004	10668491	5.09	cps
Terbium	159-2	4502705	4399838	4589404	4497316	2.11	cps
Thallium	203-1	567	700	642	636	10.51	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 17:42:13	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1708	1709	1742	1720	1.12	cps
Tin	118-1	3359	2942	3342	3214	7.34	cps
Titanium	47-1	358	408	375	381	6.69	cps
Uranium	238-1	233	175	125	178	30.50	cps
Vanadium	51-2	3	17	13	11	62.48	cps
Ytterbium	172-1	33	33	75	47	50.95	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	1650	1984	1917	1850	9.53	cps
Ytterbium	176-2	10482	10477	10938	10632	2.49	cps
Yttrium	89-1	14208890	13778044	14813794	14266909	3.65	cps
Yttrium	89-2	1613461	1589949	1615045	1606152	0.88	cps
Zinc	66-2	353	380	393	376	5.42	cps
Zirconium	90-1	667	642	733	681	6.96	cps
Zirconium	91-1	67	100	108	92	24.05	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8710	8677	8419	8602	1.85	cps
Antimony	121-1	3904901	3860204	3981451	3915519	1.57	cps
Arsenic	75-2	128412	128029	127157	127866	0.50	cps
Barium	135-1	95851	97729	94616	96065	1.63	cps
Barium	137-1	166012	166809	170212	167678	1.33	cps
Beryllium	9-1	2487880	2583155	2551780	2540938	1.91	cps
Bismuth	209-1	6917072	6811570	6714883	6814509	1.48	cps
Bismuth	209-2	3105982	3164387	3158848	3143073	1.03	cps
Boron	10-1	65699	68523	68342	67521	2.34	cps
Boron	11-1	300390	309261	316822	308824	2.66	cps
Bromine	81-1	156324	164900	174498	165241	5.50	cps
Cadmium	111-1	1920630	1844793	1928561	1897995	2.44	cps
Cadmium	106-1	218555	216755	217767	217692	0.41	cps
Cadmium	108-1	134945	137752	136406	136368	1.03	cps
Calcium	43-1	2016567	2003536	2024235	2014779	0.52	cps
Calcium	44-1	31015977	31805043	31361484	31394168	1.26	cps
Carbon	12-1	8451426	8986304	9531561	8989763	6.01	cps
Carbon	12-2	125115	123903	126939	125319	1.22	cps
Chlorine	35-1	31642573	35076391	36839959	34519641	7.66	cps
Chlorine	35-2	326302	329936	332391	329543	0.93	cps
Chromium	52-2	2006644	1971461	1945486	1974530	1.55	cps
Cobalt	59-2	3604852	3560252	3457541	3540882	2.13	cps
Copper	63-1	43099856	42711797	42605926	42805860	0.61	cps
Dysprosium	156-1	142	142	125	136	7.07	cps
Dysprosium	156-2	33	33	40	36	10.83	cps
Erbium	164-1	133	67	58	86	47.74	cps
Erbium	164-2	40	23	17	27	45.07	cps
Gadolinium	160-1	150	200	200	183	15.75	cps
Gadolinium	160-2	217	197	187	200	7.64	cps
Gold	197-1	33	17	33	28	34.63	cps
Gold	197-2	133	117	139	130	8.92	cps
Holmium	165-1	11190893	11095281	10227446	10837873	4.90	cps
Holmium	165-2	4680484	4678969	4537329	4632261	1.77	cps
Indium	115-1	8626949	8639547	8298260	8521585	2.27	cps
Indium	115-2	1363804	1356226	1358539	1359523	0.29	cps
Iron	56-2	99847	97878	94127	97284	2.99	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	7319	7613	7636	7522	2.35	cps
Iron	54-2	69921	67621	63982	67175	4.46	cps
Krypton	83-1	360	360	401	374	6.37	cps
Lead	206-1	14120324	14447230	14374182	14313912	1.20	cps
Lead	207-1	11873407	12097709	12313839	12094985	1.82	cps
Lead	208-1	55848020	55823303	56839234	56170185	1.03	cps
Lithium	6-1	5023823	5014913	4670400	4903046	4.11	cps
Magnesium	24-2	9188752	8900322	8826307	8971794	2.13	cps
Manganese	55-2	3758193	3677698	3529585	3655159	3.17	cps
Molybdenum	94-1	4457103	4385958	4320516	4387859	1.56	cps
Molybdenum	95-1	20257	19114	20065	19812	3.09	cps
Molybdenum	96-1	733036	756459	749241	746245	1.61	cps
Molybdenum	97-1	12314	11981	11388	11894	3.94	cps
Molybdenum	98-1	31888	31378	30234	31166	2.72	cps
Neodymium	150-1	33	33	60	42	36.47	cps
Neodymium	150-2	20	3	13	12	68.66	cps
Nickel	60-2	627960	617119	612643	619241	1.27	cps
Phosphorus	31-2	2059	1959	1892	1970	4.26	cps
Potassium	39-2	261106	250220	250549	253958	2.44	cps
Rhodium	103-1	8410623	8375707	7958493	8248274	3.05	cps
Rhodium	103-2	3717211	3781988	3673786	3724328	1.46	cps
Scandium	45-1	6130474	6316434	6015403	6154104	2.47	cps
Scandium	45-2	214795	227201	221598	221198	2.81	cps
Selenium	77-2	4761	4748	4738	4749	0.25	cps
Selenium	78-2	16508	16738	16812	16686	0.95	cps
Selenium	82-1	152736	154785	152038	153187	0.93	cps
Silicon	28-1	29312755	29336371	29197926	29282351	0.25	cps
Silver	107-1	3687014	4904232	3556486	4049244	18.36	cps
Silver	109-1	6328769	5505265	5172687	5668907	10.50	cps
Sodium	23-2	25966731	25438076	24937997	25447601	2.02	cps
Strontium	86-1	2986783	3080144	2978556	3015161	1.87	cps
Strontium	88-1	25477054	26246219	25275515	25666263	2.00	cps
Sulfur	34-1	1274386	1254880	1256224	1261830	0.86	cps
Terbium	159-1	11615531	11119318	10905627	11213492	3.25	cps
Terbium	159-2	4641613	4572707	4529914	4581411	1.23	cps
Thallium	203-1	6548775	6530295	6302898	6460656	2.12	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MS	Instrumnet Name :	P8
Client Sample ID :	RM2MS	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:17:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	15477030	15216140	15582960	15425377	1.22	cps
Tin	118-1	170947	175062	172265	172758	1.22	cps
Titanium	47-1	7952	7602	7711	7755	2.31	cps
Uranium	238-1	21787354	21446248	21684652	21639418	0.81	cps
Vanadium	51-2	1671391	1589110	1532633	1597711	4.37	cps
Ytterbium	172-1	75	50	92	72	29.04	cps
Ytterbium	172-2	44	56	44	48	13.32	cps
Ytterbium	176-1	11689	11739	10947	11458	3.87	cps
Ytterbium	176-2	14208	14325	14631	14388	1.52	cps
Yttrium	89-1	14689192	14800406	13939981	14476526	3.23	cps
Yttrium	89-2	1685054	1778722	1695249	1719675	2.99	cps
Zinc	66-2	2112199	2159133	2145597	2138976	1.13	cps
Zirconium	90-1	11750420	11621345	12162987	11844917	2.39	cps
Zirconium	91-1	2711060	2754787	2806264	2757370	1.73	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8719	8324	8503	8515	2.32	cps
Antimony	121-1	3771508	3796115	3774536	3780720	0.35	cps
Arsenic	75-2	124049	119831	119435	121105	2.11	cps
Barium	135-1	96672	98139	96654	97155	0.88	cps
Barium	137-1	166041	171325	173959	170442	2.37	cps
Beryllium	9-1	2407632	2389217	2520938	2439262	2.92	cps
Bismuth	209-1	7588254	6729307	5537203	6618255	15.56	cps
Bismuth	209-2	3153920	3210157	3012925	3125668	3.25	cps
Boron	10-1	69175	72300	73855	71777	3.32	cps
Boron	11-1	316486	328791	336024	327100	3.02	cps
Bromine	81-1	164043	173703	184207	173984	5.80	cps
Cadmium	111-1	1802085	1740309	1795950	1779448	1.91	cps
Cadmium	106-1	203747	205912	205049	204902	0.53	cps
Cadmium	108-1	129368	129115	130480	129654	0.56	cps
Calcium	43-1	1984975	2011260	2089221	2028485	2.67	cps
Calcium	44-1	31192030	31538806	33016107	31915648	3.04	cps
Carbon	12-1	9031205	9799016	10281541	9703921	6.50	cps
Carbon	12-2	128873	130570	131715	130386	1.10	cps
Chlorine	35-1	35352017	38210366	40024612	37862332	6.22	cps
Chlorine	35-2	341070	337379	335621	338023	0.82	cps
Chromium	52-2	1954359	1895197	1841878	1897145	2.97	cps
Cobalt	59-2	3649419	3358943	3360281	3456214	4.84	cps
Copper	63-1	41377527	42685649	42340511	42134562	1.61	cps
Dysprosium	156-1	125	117	175	139	22.72	cps
Dysprosium	156-2	37	50	47	44	15.61	cps
Erbium	164-1	142	100	100	114	21.12	cps
Erbium	164-2	27	27	30	28	6.92	cps
Gadolinium	160-1	208	150	83	147	42.48	cps
Gadolinium	160-2	170	187	180	179	4.69	cps
Gold	197-1	75	42	50	56	31.22	cps
Gold	197-2	144	122	111	126	13.48	cps
Holmium	165-1	12133684	11143647	8616509	10631280	17.06	cps
Holmium	165-2	4735197	4567382	4582363	4628314	2.01	cps
Indium	115-1	9746766	8708049	7049100	8501305	16.01	cps
Indium	115-2	1380519	1393036	1336814	1370123	2.15	cps
Iron	56-2	95966	93467	90027	93153	3.20	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	7269	7374	7257	7300	0.88	cps
Iron	54-2	65466	63329	60947	63247	3.57	cps
Krypton	83-1	340	384	416	380	10.07	cps
Lead	206-1	13147875	12714200	13454312	13105462	2.84	cps
Lead	207-1	11695492	11361945	11866117	11641185	2.20	cps
Lead	208-1	52094795	51630438	54053066	52592766	2.44	cps
Lithium	6-1	5412615	5220076	4149312	4927335	13.81	cps
Magnesium	24-2	8782754	8597547	8424388	8601563	2.08	cps
Manganese	55-2	3679847	3605940	3398929	3561572	4.09	cps
Molybdenum	94-1	4193472	4145856	4217224	4185517	0.87	cps
Molybdenum	95-1	18496	19723	19397	19206	3.31	cps
Molybdenum	96-1	712980	705567	724122	714223	1.31	cps
Molybdenum	97-1	10763	11972	11580	11438	5.39	cps
Molybdenum	98-1	30902	30276	30827	30668	1.11	cps
Neodymium	150-1	53	73	80	69	20.15	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	599907	581346	580355	587203	1.88	cps
Phosphorus	31-2	1817	1708	1984	1836	7.55	cps
Potassium	39-2	260529	254214	242533	252426	3.62	cps
Rhodium	103-1	9053730	8594343	6361869	8003314	17.99	cps
Rhodium	103-2	3750063	3794871	3626249	3723728	2.35	cps
Scandium	45-1	7071080	6426775	4988105	6161987	17.31	cps
Scandium	45-2	229760	225171	219915	224949	2.19	cps
Selenium	77-2	4754	4724	4594	4691	1.81	cps
Selenium	78-2	16322	15667	15315	15768	3.24	cps
Selenium	82-1	144034	146743	150045	146941	2.05	cps
Silicon	28-1	29458850	30029570	29419795	29636072	1.15	cps
Silver	107-1	5971515	4485459	4113882	4856952	20.24	cps
Silver	109-1	3881012	4221190	3529336	3877179	8.92	cps
Sodium	23-2	25495170	25674266	24225431	25131622	3.14	cps
Strontium	86-1	2883184	2988501	3019790	2963825	2.41	cps
Strontium	88-1	23709082	25554562	25816877	25026840	4.59	cps
Sulfur	34-1	1256499	1263038	1271617	1263718	0.60	cps
Terbium	159-1	12551910	11411342	8999723	10987658	16.51	cps
Terbium	159-2	4628967	4778514	4395002	4600828	4.20	cps
Thallium	203-1	5980733	5809141	6210999	6000291	3.36	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03MSD	Instrumnet Name :	P8
Client Sample ID :	RM2MSD	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:20:28	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	14180091	14574309	14543808	14432736	1.52	cps
Tin	118-1	169817	175505	179219	174847	2.71	cps
Titanium	47-1	7827	7936	7369	7711	3.90	cps
Uranium	238-1	20023388	19999667	20831665	20284907	2.34	cps
Vanadium	51-2	1525874	1526158	1468410	1506814	2.21	cps
Ytterbium	172-1	117	83	75	92	24.05	cps
Ytterbium	172-2	33	61	44	46	30.19	cps
Ytterbium	176-1	11464	11063	10404	10977	4.87	cps
Ytterbium	176-2	13535	14836	13279	13883	6.02	cps
Yttrium	89-1	16805002	15645504	12228521	14893009	15.98	cps
Yttrium	89-2	1765110	1766695	1724892	1752233	1.35	cps
Zinc	66-2	2175933	2091656	2098469	2122020	2.21	cps
Zirconium	90-1	11753572	11296074	11748567	11599404	2.26	cps
Zirconium	91-1	2549643	2654682	2627121	2610482	2.09	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8799	8934	8448	8727	2.88	cps
Antimony	121-1	3811043	3985021	3873067	3889710	2.27	cps
Arsenic	75-2	129630	126301	122476	126136	2.84	cps
Barium	135-1	93315	95538	94541	94464	1.18	cps
Barium	137-1	169068	167898	171028	169332	0.93	cps
Beryllium	9-1	2556003	2553671	2566678	2558784	0.27	cps
Bismuth	209-1	6876185	7126473	6963569	6988742	1.82	cps
Bismuth	209-2	2672864	3046020	3181950	2966945	8.88	cps
Boron	10-1	69043	71171	72613	70942	2.53	cps
Boron	11-1	310134	322675	328583	320464	2.94	cps
Bromine	81-1	162451	181500	179977	174643	6.06	cps
Cadmium	111-1	1900144	1887366	1861179	1882896	1.05	cps
Cadmium	106-1	209878	218069	223308	217085	3.12	cps
Cadmium	108-1	134268	137332	137399	136333	1.31	cps
Calcium	43-1	2007824	2029738	2028941	2022168	0.61	cps
Calcium	44-1	31391562	32043160	32813230	32082651	2.22	cps
Carbon	12-1	8878834	9859055	10291749	9676546	7.48	cps
Carbon	12-2	129789	133042	133193	132008	1.46	cps
Chlorine	35-1	37252423	40555932	42595548	40134634	6.72	cps
Chlorine	35-2	352860	363064	363928	359951	1.71	cps
Chromium	52-2	2025093	1999272	1928813	1984393	2.51	cps
Cobalt	59-2	3619636	3525002	3534269	3559636	1.47	cps
Copper	63-1	42044985	43315413	43764382	43041593	2.07	cps
Dysprosium	156-1	100	117	142	119	17.56	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	23	37	23	28	27.73	cps
Gadolinium	160-1	150	158	158	156	3.10	cps
Gadolinium	160-2	163	167	147	159	6.74	cps
Gold	197-1	33	25	42	33	25.01	cps
Gold	197-2	128	89	139	119	22.15	cps
Holmium	165-1	11238808	11775382	11430755	11481649	2.37	cps
Holmium	165-2	4050916	4642525	4433352	4375598	6.86	cps
Indium	115-1	8589294	9342341	8969140	8966925	4.20	cps
Indium	115-2	1167382	1329431	1376058	1290957	8.48	cps
Iron	56-2	100524	97963	94982	97823	2.84	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	7430	7319	7269	7339	1.12	cps
Iron	54-2	69468	66745	66465	67560	2.46	cps
Krypton	83-1	352	397	366	372	6.20	cps
Lead	206-1	13573680	13721326	13403859	13566288	1.17	cps
Lead	207-1	12014617	12116670	11977580	12036289	0.60	cps
Lead	208-1	55500704	54672807	54207835	54793782	1.20	cps
Lithium	6-1	4872465	5159020	4927731	4986405	3.05	cps
Magnesium	24-2	8973635	8805698	8823282	8867538	1.04	cps
Manganese	55-2	3737702	3656275	3675234	3689737	1.15	cps
Molybdenum	94-1	4376320	4462296	4266162	4368260	2.25	cps
Molybdenum	95-1	19355	19931	19389	19559	1.65	cps
Molybdenum	96-1	746455	760961	733766	747061	1.82	cps
Molybdenum	97-1	11972	12348	12064	12128	1.61	cps
Molybdenum	98-1	30793	31228	31695	31239	1.44	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	629021	604858	602776	612218	2.38	cps
Phosphorus	31-2	1967	1884	1967	1939	2.48	cps
Potassium	39-2	257221	252050	249531	252934	1.55	cps
Rhodium	103-1	8066391	8712493	8706006	8494963	4.37	cps
Rhodium	103-2	3192547	3614364	3789602	3532171	8.69	cps
Scandium	45-1	6290568	6669070	6326749	6428796	3.25	cps
Scandium	45-2	195361	214286	225269	211639	7.15	cps
Selenium	77-2	4834	4874	4794	4834	0.83	cps
Selenium	78-2	16792	16552	16309	16551	1.46	cps
Selenium	82-1	155094	155302	154047	154814	0.43	cps
Silicon	28-1	28959909	29870852	29640906	29490556	1.61	cps
Silver	107-1	4184158	8024442	5936017	6048206	31.79	cps
Silver	109-1	4222589	3259664	3079614	3520622	17.46	cps
Sodium	23-2	26012498	25180179	24758568	25317082	2.52	cps
Strontium	86-1	3024304	3080700	3036882	3047295	0.97	cps
Strontium	88-1	25766176	26496703	26390501	26217793	1.51	cps
Sulfur	34-1	1255491	1279960	1276494	1270648	1.04	cps
Terbium	159-1	10822726	11842169	11278739	11314545	4.51	cps
Terbium	159-2	4036162	4442978	4542542	4340561	6.18	cps
Thallium	203-1	6475395	6333312	6306074	6371594	1.43	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	N4616-03A	Instrumnet Name :	P8
Client Sample ID :	RM2A	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:23:26	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	15467239	15282105	15062100	15270481	1.33	cps
Tin	118-1	174633	172556	172055	173081	0.79	cps
Titanium	47-1	7977	7469	8086	7844	4.20	cps
Uranium	238-1	21926067	21428645	21548109	21634274	1.20	cps
Vanadium	51-2	1650126	1575715	1551410	1592417	3.23	cps
Ytterbium	172-1	67	67	83	72	13.33	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	12056	11706	11180	11647	3.79	cps
Ytterbium	176-2	12829	13657	13819	13435	3.95	cps
Yttrium	89-1	14630986	16153519	15280034	15354846	4.98	cps
Yttrium	89-2	1474805	1679249	1746275	1633443	8.66	cps
Zinc	66-2	2165117	2219607	2118420	2167714	2.34	cps
Zirconium	90-1	12549073	12145866	11647651	12114197	3.73	cps
Zirconium	91-1	2773627	2813966	2771702	2786432	0.86	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3713550	3616046	3401065	3576887	4.47	cps
Antimony	121-1	2980829	3002198	2971239	2984755	0.53	cps
Arsenic	75-2	93918	91286	90736	91980	1.85	cps
Barium	135-1	4333662	4412104	4243832	4329866	1.94	cps
Barium	137-1	7187130	7465732	7182687	7278516	2.23	cps
Beryllium	9-1	1262735	1268615	1225573	1252308	1.86	cps
Bismuth	209-1	6203987	6379029	6272158	6285058	1.40	cps
Bismuth	209-2	2905892	2888270	3027137	2940433	2.57	cps
Boron	10-1	328312	342086	338579	336326	2.13	cps
Boron	11-1	1367845	1439739	1410186	1405924	2.57	cps
Bromine	81-1	88833	88943	86998	88258	1.24	cps
Cadmium	111-1	886064	871192	874965	877407	0.88	cps
Cadmium	106-1	108343	111232	108519	109365	1.48	cps
Cadmium	108-1	71736	69194	71434	70788	1.96	cps
Calcium	43-1	6462721	6316142	6237454	6338772	1.80	cps
Calcium	44-1	100429596	97487839	97122900	98346778	1.84	cps
Carbon	12-1	6054547	6124762	6043240	6074183	0.73	cps
Carbon	12-2	74548	76148	76751	75816	1.50	cps
Chlorine	35-1	8161353	7652366	7331140	7714953	5.43	cps
Chlorine	35-2	52571	49076	46910	49519	5.77	cps
Chromium	52-2	984007	963887	960092	969329	1.33	cps
Cobalt	59-2	1787763	1810197	1794536	1797499	0.64	cps
Copper	63-1	48613528	48038661	48877266	48509818	0.88	cps
Dysprosium	156-1	575	492	483	517	9.81	cps
Dysprosium	156-2	203	163	113	160	28.18	cps
Erbium	164-1	150	33	67	83	72.11	cps
Erbium	164-2	30	30	23	28	13.86	cps
Gadolinium	160-1	400	342	450	397	13.65	cps
Gadolinium	160-2	277	327	303	302	8.28	cps
Gold	197-1	58	25	33	39	44.61	cps
Gold	197-2	106	78	122	102	22.04	cps
Holmium	165-1	11323459	10962118	10774150	11019909	2.53	cps
Holmium	165-2	4542852	4626621	4689978	4619817	1.60	cps
Indium	115-1	8468868	8106230	8340401	8305166	2.21	cps
Indium	115-2	1320698	1321843	1312153	1318231	0.40	cps
Iron	56-2	209863494	206639638	208185855	208229662	0.77	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5499536	5324340	5381135	5401670	1.65	cps
Iron	54-2	11814983	11611125	11388267	11604792	1.84	cps
Krypton	83-1	422	350	391	388	9.38	cps
Lead	206-1	14605765	14821131	14600558	14675818	0.86	cps
Lead	207-1	13010090	12677074	13001523	12896229	1.47	cps
Lead	208-1	59697550	58152770	58361456	58737259	1.43	cps
Lithium	6-1	4685821	4751020	4558543	4665128	2.10	cps
Magnesium	24-2	45675550	45127283	44241561	45014798	1.61	cps
Manganese	55-2	5636239	5689986	5483370	5603198	1.91	cps
Molybdenum	94-1	12993266	13265659	12794933	13017953	1.82	cps
Molybdenum	95-1	19190758	19220659	18950887	19120768	0.77	cps
Molybdenum	96-1	20623889	20996867	20355872	20658876	1.56	cps
Molybdenum	97-1	11510468	11422805	11495759	11476344	0.41	cps
Molybdenum	98-1	30678624	30208503	30391395	30426174	0.78	cps
Neodymium	150-1	553	547	507	536	4.71	cps
Neodymium	150-2	33	27	20	27	24.99	cps
Nickel	60-2	452548	453207	450709	452155	0.29	cps
Phosphorus	31-2	43942	41853	41727	42507	2.93	cps
Potassium	39-2	17041895	16954609	16652407	16882970	1.21	cps
Rhodium	103-1	7743742	7615032	7582033	7646936	1.12	cps
Rhodium	103-2	3498198	3550304	3541097	3529867	0.79	cps
Scandium	45-1	6119008	6032063	5977734	6042935	1.18	cps
Scandium	45-2	219403	216006	215786	217065	0.93	cps
Selenium	77-2	2667	2460	2444	2524	4.93	cps
Selenium	78-2	8406	8101	8133	8214	2.04	cps
Selenium	82-1	76140	75416	74749	75435	0.92	cps
Silicon	28-1	20223311	19928704	20148377	20100131	0.76	cps
Silver	107-1	4637783	4547166	4579748	4588233	1.00	cps
Silver	109-1	4447433	4372581	4309887	4376634	1.57	cps
Sodium	23-2	86556175	85230425	86239121	86008573	0.80	cps
Strontium	86-1	31490142	30087674	29660257	30412691	3.15	cps
Strontium	88-1	272512739	259534339	265367998	265805025	2.45	cps
Sulfur	34-1	924101	918542	910716	917786	0.73	cps
Terbium	159-1	10736868	10895582	10792517	10808322	0.75	cps
Terbium	159-2	4727363	4553546	4691632	4657514	1.97	cps
Thallium	203-1	3433834	3554703	3625388	3537975	2.74	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:26:23	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8101551	8141978	7776728	8006752	2.50	cps
Tin	118-1	3026127	2952352	2949485	2975988	1.46	cps
Titanium	47-1	5764248	5696606	5643537	5701463	1.06	cps
Uranium	238-1	12003699	11893159	11494249	11797035	2.27	cps
Vanadium	51-2	802633	800036	795120	799263	0.48	cps
Ytterbium	172-1	142	150	100	131	20.52	cps
Ytterbium	172-2	50	61	56	56	10.00	cps
Ytterbium	176-1	10163	9654	10396	10071	3.77	cps
Ytterbium	176-2	13763	13596	14319	13893	2.72	cps
Yttrium	89-1	14504212	14981850	14608749	14698270	1.71	cps
Yttrium	89-2	1688108	1738134	1713443	1713228	1.46	cps
Zinc	66-2	1665822	1609125	1609761	1628236	2.00	cps
Zirconium	90-1	6388780	6730981	6508543	6542768	2.65	cps
Zirconium	91-1	1542454	1530683	1528688	1533942	0.48	cps

LB Number : LB122109 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired : 2022-09-21 18:33:28 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376	355	355	362	3.39	cps
Antimony	121-1	250	333	617	400	48.05	cps
Arsenic	75-2	21	14	13	16	27.24	cps
Barium	135-1	100	33	58	64	52.72	cps
Barium	137-1	100	92	117	103	12.39	cps
Beryllium	9-1	357	367	341	355	3.73	cps
Bismuth	209-1	6755848	6393902	6618176	6589309	2.77	cps
Bismuth	209-2	3249836	3209625	3569673	3343045	5.90	cps
Boron	10-1	8621	8557	8397	8525	1.35	cps
Boron	11-1	39030	37835	37007	37957	2.68	cps
Bromine	81-1	75138	77918	78371	77142	2.27	cps
Cadmium	111-1	3672	3547	3611	3610	1.73	cps
Cadmium	106-1	5134	4909	4993	5012	2.27	cps
Cadmium	108-1	25	50	13	29	65.47	cps
Calcium	43-1	336	356	372	355	5.12	cps
Calcium	44-1	10614	10470	10449	10511	0.85	cps
Carbon	12-1	3930532	3897410	3960019	3929320	0.80	cps
Carbon	12-2	47753	46156	48389	47433	2.42	cps
Chlorine	35-1	2239948	2178392	2143464	2187268	2.23	cps
Chlorine	35-2	16760	15767	15575	16034	3.97	cps
Chromium	52-2	737	667	770	724	7.28	cps
Cobalt	59-2	100	107	70	92	21.18	cps
Copper	63-1	7299	6786	6662	6916	4.88	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	33	83	58	58	42.87	cps
Erbium	164-2	10	30	20	20	50.00	cps
Gadolinium	160-1	108	50	100	86	36.64	cps
Gadolinium	160-2	93	130	177	133	31.33	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10061002	9992594	10048123	10033906	0.36	cps
Holmium	165-2	4344485	4375573	4920430	4546830	7.12	cps
Indium	115-1	8216851	8274318	8024899	8172022	1.60	cps
Indium	115-2	1335704	1332953	1572303	1413653	9.72	cps
Iron	56-2	8115	5029	5162	6102	28.59	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:33:28	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	322	250	106	226	48.83	cps
Iron	54-2	922	917	939	926	1.25	cps
Krypton	83-1	360	361	356	359	0.72	cps
Lead	206-1	1072	1006	1022	1033	3.36	cps
Lead	207-1	861	939	833	878	6.23	cps
Lead	208-1	4384	4389	4211	4328	2.34	cps
Lithium	6-1	4605035	4603762	4587997	4598931	0.21	cps
Magnesium	24-2	1025	367	292	561	71.91	cps
Manganese	55-2	327	223	257	269	19.61	cps
Molybdenum	94-1	675	708	558	647	12.17	cps
Molybdenum	95-1	858	642	683	728	15.80	cps
Molybdenum	96-1	967	958	833	920	8.12	cps
Molybdenum	97-1	450	508	392	450	12.96	cps
Molybdenum	98-1	1200	942	983	1042	13.31	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87	83	113	94	17.41	cps
Phosphorus	31-2	342	375	333	350	6.30	cps
Potassium	39-2	21208	20882	21358	21149	1.15	cps
Rhodium	103-1	8053007	8003303	7645720	7900677	2.81	cps
Rhodium	103-2	3680647	3587760	4114840	3794416	7.41	cps
Scandium	45-1	5759831	5739200	5901821	5800284	1.53	cps
Scandium	45-2	203778	207343	237980	216367	8.69	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	85	73	86	81	8.89	cps
Selenium	82-1	-45	25	23	1	4745.83	cps
Silicon	28-1	683602	692741	691599	689314	0.72	cps
Silver	107-1	4368	1909	1533	2603	59.14	cps
Silver	109-1	3592	1759	1383	2245	52.65	cps
Sodium	23-2	33690	34316	33514	33840	1.25	cps
Strontium	86-1	642	767	708	706	8.87	cps
Strontium	88-1	1667	1383	1350	1467	11.86	cps
Sulfur	34-1	344953	344026	345990	344990	0.28	cps
Terbium	159-1	10710068	10461545	10693876	10621830	1.31	cps
Terbium	159-2	4370786	4417795	5078265	4622282	8.56	cps
Thallium	203-1	1667	1717	1767	1717	2.91	cps

LB Number :	LB122109	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-09-21 18:33:28	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4301	4384	3942	4209	5.58	cps
Tin	118-1	2959	3142	3534	3212	9.15	cps
Titanium	47-1	350	233	192	258	31.77	cps
Uranium	238-1	150	75	125	117	32.74	cps
Vanadium	51-2	97	20	10	42	112.30	cps
Ytterbium	172-1	50	92	42	61	43.83	cps
Ytterbium	172-2	50	11	28	30	65.85	cps
Ytterbium	176-1	2092	1900	2050	2014	5.01	cps
Ytterbium	176-2	9698	10410	11878	10662	10.42	cps
Yttrium	89-1	13594199	14320433	13644478	13853037	2.93	cps
Yttrium	89-2	1659837	1616576	1893233	1723216	8.64	cps
Zinc	66-2	453	350	297	367	21.72	cps
Zirconium	90-1	742	783	800	775	3.88	cps
Zirconium	91-1	175	192	117	161	24.44	cps