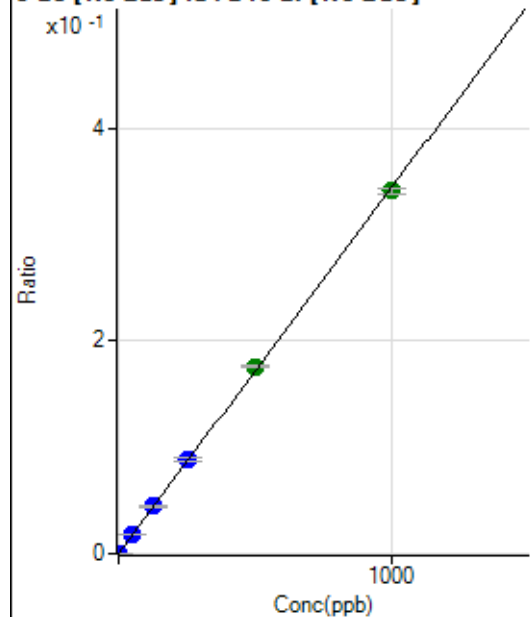


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8082721MS.b\
Analysis File: P8082721MS.batch.bin
DA Date-Time: 2021-08-27 17:05:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-08-27 13:01:14
2	006CALS.d	S02	2021-08-27 13:04:20
3	007CALS.d	S03	2021-08-27 13:07:23
4	008CALS.d	S04	2021-08-27 13:10:29
5	009CALS.d	S05	2021-08-27 13:13:33
6	010CALS.d	S06	2021-08-27 13:16:38
7	011CALS.d	S07	2021-08-27 13:19:42
8	012CALS.d	S08	2021-08-27 13:22:47

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.99	0.0000	P	31.6
2	☐	1.000	1.082	3799.09	0.0004	P	2.0
3	☐	50.000	51.327	185459.72	0.0177	P	4.9
4	☐	125.000	130.035	452445.22	0.0448	P	3.5
5	☐	250.000	257.368	887341.27	0.0886	P	2.4
6	☐	500.000	511.826	1775264.28	0.1762	A	0.9
7	☐	1000.000	991.549	3354973.06	0.3414	A	1.7
8	☐			480.58	0.0001	P	24.4

$$y = 3.4430\text{E-}004 * x + 3.3449\text{E-}006$$

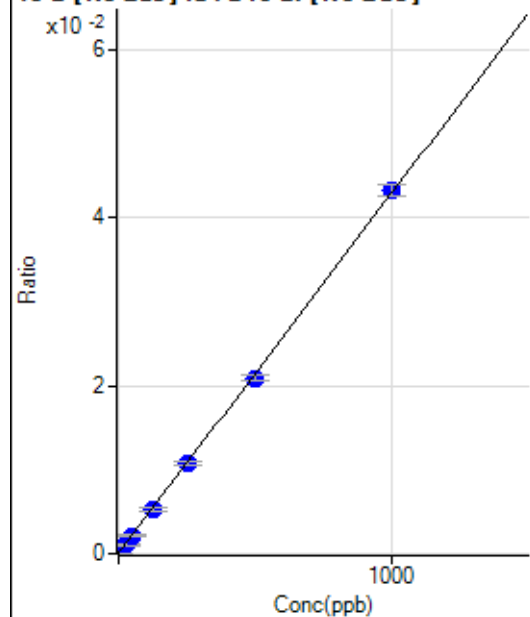
$$R = 0.9999$$

$$DL = 0.009218$$

$$BEC = 0.009715$$

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	560.57	0.0001	P	1.2
2	☐	25.000	23.231	10591.76	0.0011	P	12.6
3	☐	50.000	47.469	21890.01	0.0021	P	9.4
4	☐	125.000	123.264	53903.37	0.0053	P	7.2
5	☐	250.000	249.193	107496.95	0.0107	P	4.3
6	☐	500.000	487.572	211056.46	0.0209	P	3.7
7	☐	1000.000	1006.803	424407.42	0.0432	P	3.3
8	☐			42011.67	0.0045	P	9.9

$$y = 4.2838\text{E-}005 * x + 5.5295\text{E-}005$$

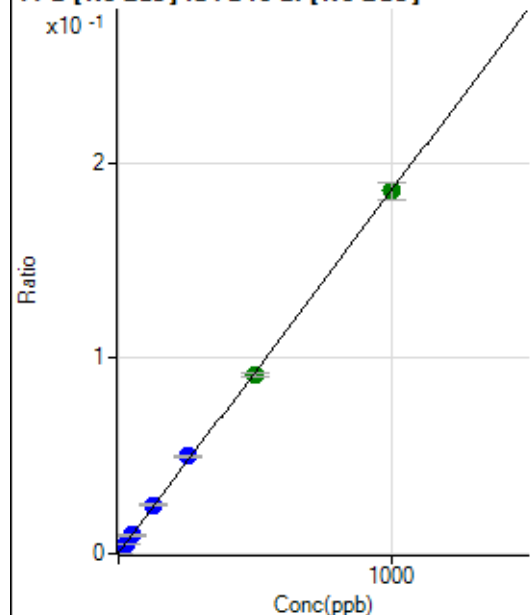
$$R = 0.9999$$

$$DL = 0.04724$$

$$BEC = 1.291$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2447.73	0.0002	P	5.8
2	☐	25.000	25.344	49861.85	0.0049	P	9.4
3	☐	50.000	50.913	101478.49	0.0097	P	9.4
4	☐	125.000	133.576	252708.65	0.0250	P	6.8
5	☐	250.000	268.324	500898.83	0.0500	P	2.0
6	☐	500.000	491.054	920097.37	0.0913	A	2.7
7	☐	1000.000	998.766	1822198.15	0.1855	A	5.0
8	☐			195669.34	0.0208	P	9.1

$$y = 1.8545E-004 * x + 2.4136E-004$$

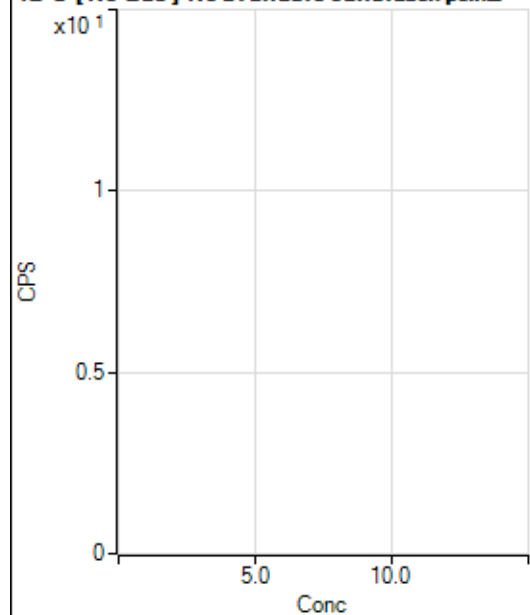
$$R = 0.9997$$

$$DL = 0.2272$$

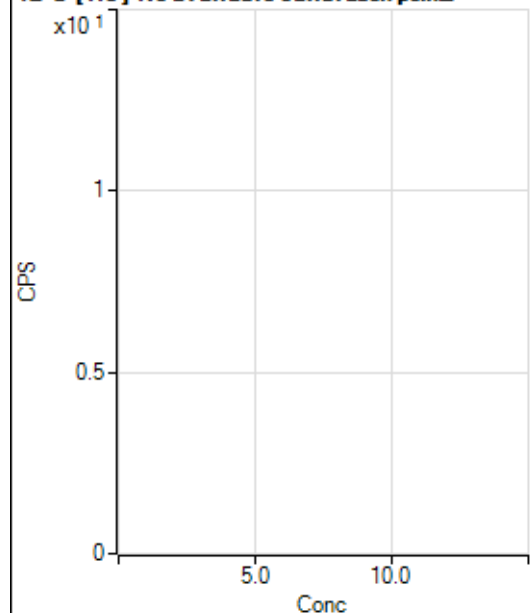
$$BEC = 1.302$$

Weight: <None>

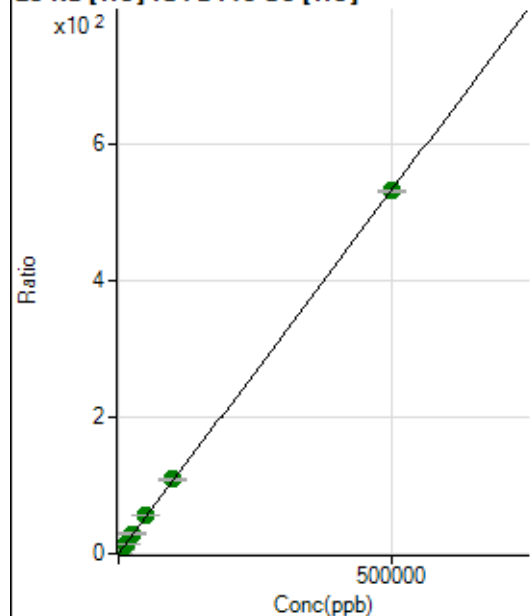
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6447763.43		A	0.5
2	☐			6876106.40		A	1.6
3	☐			6939041.30		A	1.3
4	☐			7419554.85		A	2.0
5	☐			8065476.14		A	2.0
6	☐			9884233.04		A	5.3
7	☐			12820639.78		A	7.0
8	☐			8337315.64		A	1.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61543.63		P	0.7
2	☐			65750.80		P	0.4
3	☐			68016.58		P	1.0
4	☐			73068.14		P	1.7
5	☐			83411.95		P	1.4
6	☐			105292.83		P	1.3
7	☐			142046.09		P	2.2
8	☐			90025.88		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15731.03	0.0380	P	1.3
2	☐	500.000	528.295	251639.18	0.5992	P	1.7
3	☐	5000.000	5371.197	2371688.83	5.7444	A	1.1
4	☐	12500.000	13055.618	5755157.03	13.9086	A	2.7
5	☐	25000.000	27572.218	11215657.37	29.3313	A	5.2
6	☐	50000.000	52007.538	22506847.20	55.2920	A	1.1
7	☐	100000.00	102068.90	45488473.93	108.4784	A	1.7
8	☐	500000.00	499239.22	223154679.9	530.4416	A	0.4

$$y = 0.0011 * x + 0.0380$$

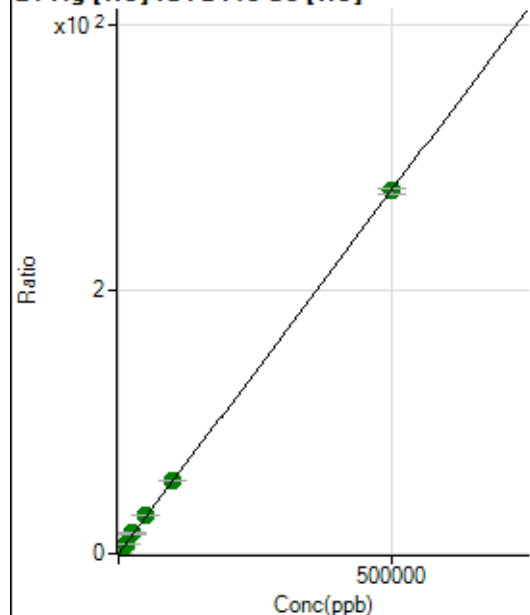
$$R = 1.0000$$

$$DL = 1.384$$

$$BEC = 35.73$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.90	0.0009	P	15.3
2	☐	500.000	526.447	121880.40	0.2902	P	1.1
3	☐	5000.000	5434.245	1233581.53	2.9877	A	0.3
4	☐	12500.000	13412.164	3050646.25	7.3725	A	2.3
5	☐	25000.000	27967.994	5878251.22	15.3727	A	5.2
6	☐	50000.000	53117.995	11883647.49	29.1957	A	1.2
7	☐	100000.00	100973.25	23272413.02	55.4980	A	1.4
8	☐	500000.00	499317.97	115443716.4	274.4368	A	1.4

$$y = 5.4962\text{E-}004 * x + 8.7676\text{E-}004$$

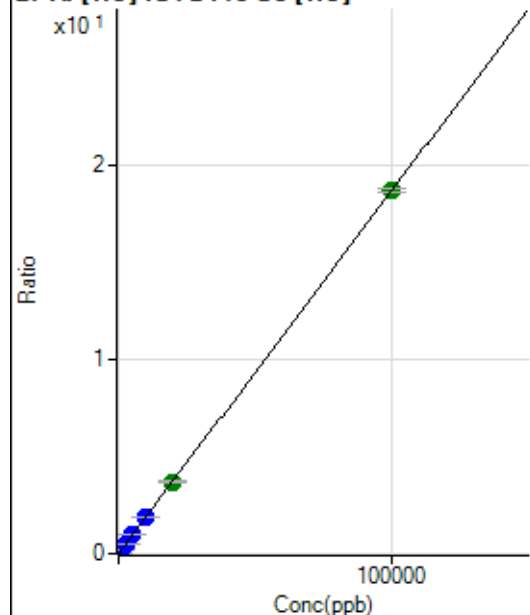
$$R = 1.0000$$

$$DL = 0.7336$$

$$BEC = 1.595$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	207.48	0.0005	P	14.8
2	☐	20.000	21.027	1857.39	0.0044	P	2.3
3	☐	1000.000	1019.923	78724.66	0.1907	P	0.8
4	☐	2500.000	2529.195	195349.87	0.4721	P	2.1
5	☐	5000.000	5338.243	380801.15	0.9959	P	5.2
6	☐	10000.000	10098.038	766358.97	1.8834	P	2.9
7	☐	20000.000	19737.508	1543477.08	3.6808	A	1.9
8	☐	100000.00	100024.85	7846190.07	18.6513	A	0.9

$$y = 1.8646\text{E-}004 * x + 5.0135\text{E-}004$$

$$R = 1.0000$$

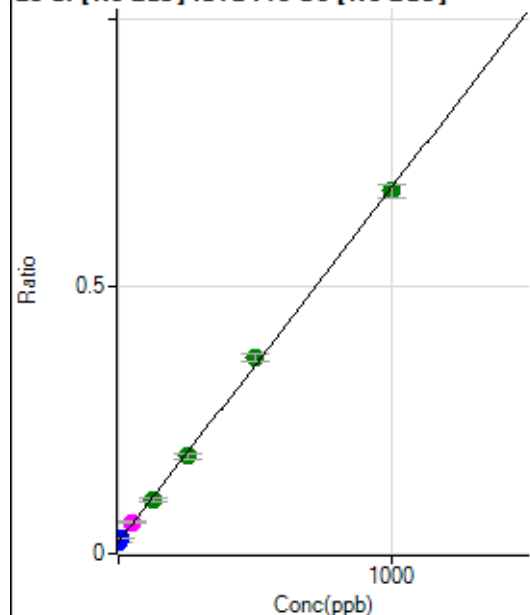
$$DL = 1.195$$

$$BEC = 2.689$$

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	345863.47	0.0215	P	1.3
2	☐	10.000	8.660	439472.31	0.0272	P	1.6
3	☐	50.000	56.589	958237.64	0.0590	M	5.7
4	☐	125.000	118.860	1586679.94	0.1002	A	5.6
5	☐	250.000	242.272	2885489.97	0.1820	A	4.8
6	☐	500.000	521.671	5831478.52	0.3671	A	4.2
7	☐	1000.000	991.548	11035313.18	0.6783	A	3.4
8	☐			1291164.32	0.0851	A	0.8

$$y = 6.6246\text{E-}004 * x + 0.0215$$

$$R = 0.9996$$

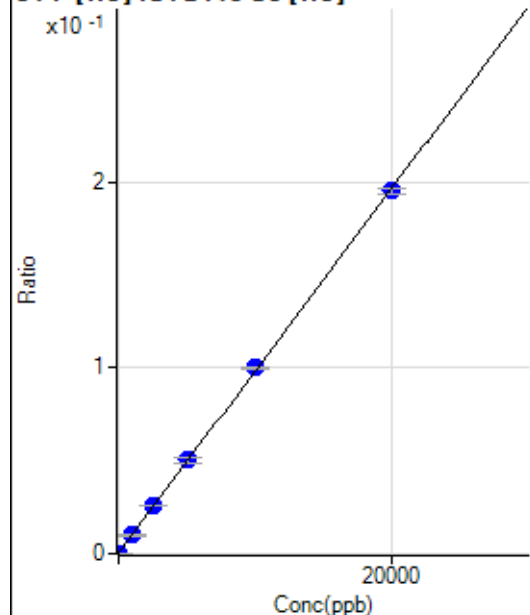
$$DL = 1.225$$

$$BEC = 32.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.473	150.01	0.0004	P	23.7
2	☐	0.000	0.473	155.56	0.0004	P	30.1
3	☐	1000.000	967.431	4064.56	0.0098	P	1.7
4	☐	2500.000	2605.388	10715.36	0.0259	P	0.4
5	☐	5000.000	5098.942	19241.07	0.0503	P	5.8
6	☐	10000.000	10161.325	40677.09	0.0999	P	0.9
7	☐	20000.000	19883.057	81848.17	0.1952	P	1.9
8	☐			138.89	0.0003	P	46.1

$$y = 9.7981\text{E-}006 * x + 3.6629\text{E-}004$$

$$R = 0.9999$$

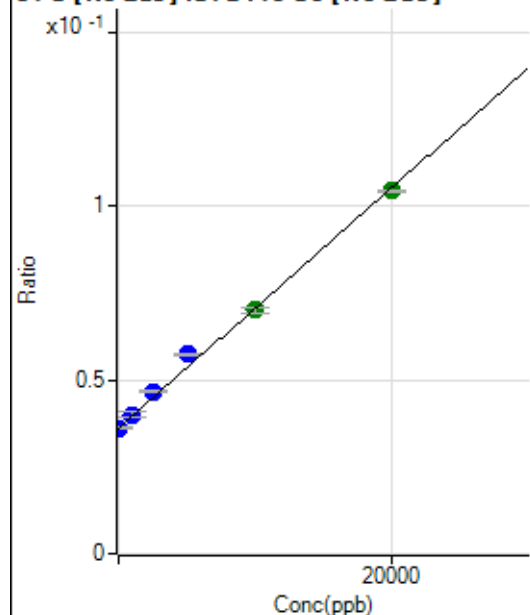
$$DL = 30.2$$

$$BEC = 37.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	9.040	583085.41	0.0362	P	0.9
2	☐	0.000	-9.040	583661.15	0.0361	P	1.4
3	☐	1000.000	1136.521	650270.90	0.0401	P	3.5
4	☐	2500.000	3043.191	739548.12	0.0467	P	0.9
5	☐	5000.000	6121.613	909587.37	0.0574	P	1.5
6	☐	10000.000	9816.566	1113961.35	0.0701	A	1.9
7	☐	20000.000	19736.589	1699608.52	0.1045	A	0.8
8	☐			479385.41	0.0316	P	2.0

$$y = 3.4617E-006 * x + 0.0362$$

R = 0.9980

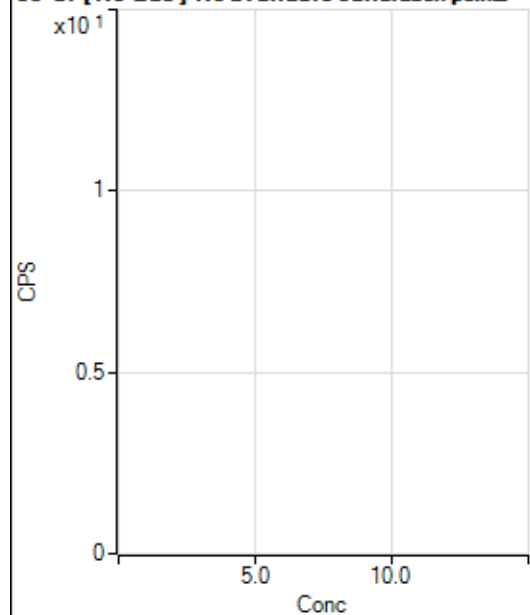
DL = 363

BEC = 1.045E+04

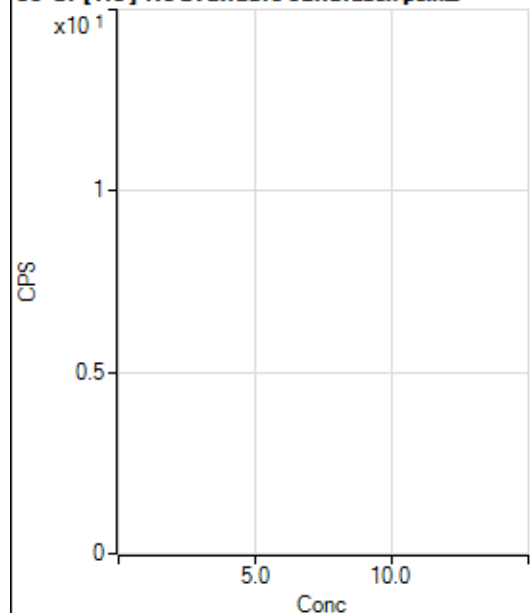
Weight: <None>

Min Conc: 0

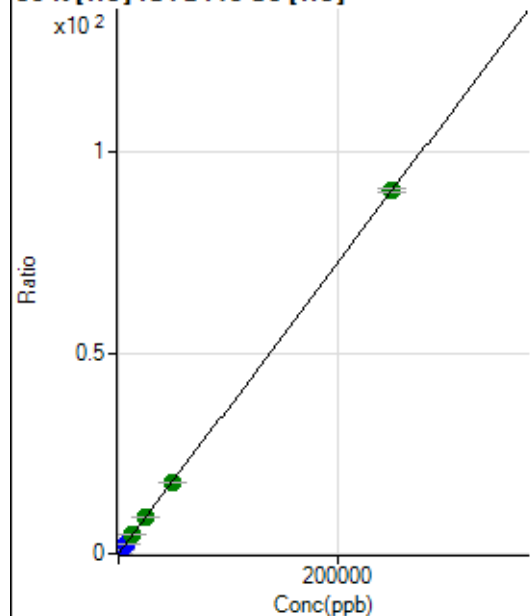
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			305358.74		P	1.1
2	☐			343708.97		P	0.3
3	☐			308804.34		P	0.8
4	☐			310063.43		P	0.2
5	☐			310012.85		P	0.5
6	☐			303220.85		P	1.2
7	☐			320550.86		P	0.3
8	☐			298752.30		P	1.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1630.69		P	7.2
2	☐			1933.51		P	5.3
3	☐			1702.93		P	4.9
4	☐			1689.03		P	5.0
5	☐			1780.70		P	11.2
6	☐			1780.71		P	8.6
7	☐			1525.13		P	5.2
8	☐			1652.92		P	15.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11457.64	0.0276	P	0.5
2	☐	500.000	490.589	85931.14	0.2046	P	2.1
3	☐	2500.000	2549.702	391134.04	0.9473	P	0.6
4	☐	6250.000	6260.378	945891.54	2.2858	P	1.0
5	☐	12500.000	13321.132	1847622.57	4.8327	A	5.7
6	☐	25000.000	25121.043	3698004.25	9.0891	A	3.4
7	☐	50000.000	48701.234	7378937.40	17.5947	A	0.6
8	☐	250000.00	250205.85	37976441.47	90.2795	A	1.2

$$y = 3.6071E-004 * x + 0.0276$$

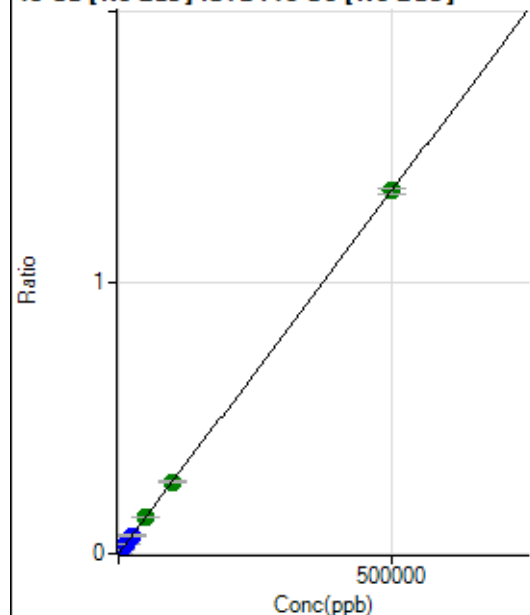
$$R = 1.0000$$

$$DL = 1.257$$

$$BEC = 76.64$$

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	584.94	0.0000	P	7.9
2	☐	500.000	475.173	21129.90	0.0013	P	1.2
3	☐	5000.000	5011.136	218019.02	0.0134	P	4.7
4	☐	12500.000	12705.283	539087.68	0.0340	P	1.0
5	☐	25000.000	25129.227	1067182.22	0.0673	P	0.8
6	☐	50000.000	50491.611	2146563.54	0.1352	A	3.3
7	☐	100000.00	98967.508	4308913.94	0.2649	A	1.7
8	☐	500000.00	500145.65	20301249.46	1.3386	A	1.4

$$y = 2.6764\text{E-}006 * x + 3.6293\text{E-}005$$

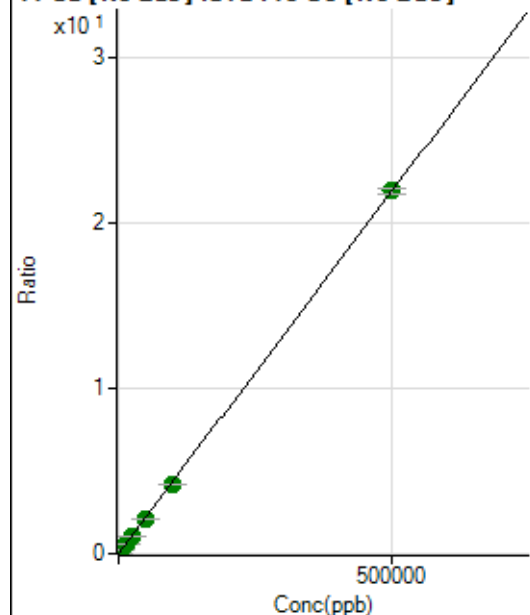
$$R = 1.0000$$

$$DL = 3.205$$

$$BEC = 13.56$$

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	31412.74	0.0019	P	1.1
2	☐	500.000	473.853	366194.59	0.0227	P	2.0
3	☐	5000.000	4931.157	3528845.02	0.2176	A	3.1
4	☐	12500.000	12289.119	8540790.64	0.5393	A	2.0
5	☐	25000.000	24244.669	16844963.36	1.0621	A	0.5
6	☐	50000.000	48216.140	33515218.15	2.1104	A	1.6
7	☐	100000.00	95398.937	67893683.40	4.1737	A	1.4
8	☐	500000.00	501142.35	332385722.3	21.9165	A	1.3

$$y = 4.3729\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

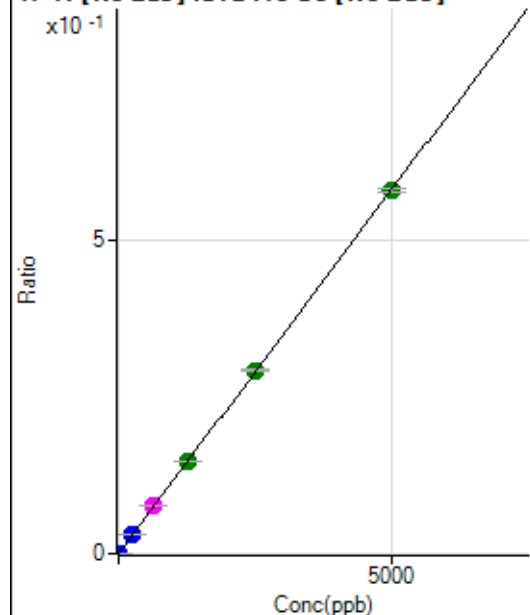
$$DL = 1.456$$

$$BEC = 44.59$$

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	222.23	0.0000	P	17.1
2	☐	5.000	5.169	9945.38	0.0006	P	2.8
3	☐	250.000	256.813	484952.80	0.0299	P	3.6
4	☐	625.000	653.796	1205281.39	0.0761	M	1.9
5	☐	1250.000	1267.098	2339245.52	0.1475	A	1.6
6	☐	2500.000	2514.776	4648968.42	0.2927	A	1.2
7	☐	5000.000	4984.397	9438207.94	0.5802	A	1.0
8	☐			3733.93	0.0002	P	8.3

$$y = 1.1639\text{E-}004 * x + 1.3792\text{E-}005$$

$$R = 1.0000$$

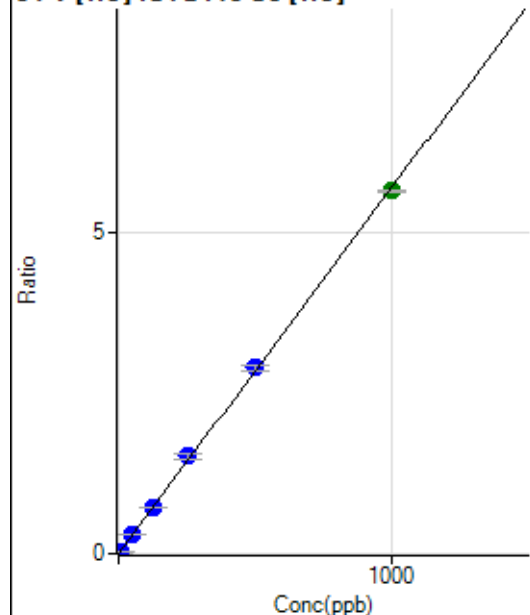
$$DL = 0.06082$$

$$BEC = 0.1185$$

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	15.55	0.0000	P	43.0
2	☐	5.000	5.126	12254.24	0.0292	P	1.8
3	☐	50.000	50.602	118792.97	0.2877	P	1.5
4	☐	125.000	125.591	295506.78	0.7141	P	0.3
5	☐	250.000	265.604	577326.02	1.5102	P	5.8
6	☐	500.000	508.455	1176299.73	2.8909	P	3.0
7	☐	1000.000	991.767	2364824.13	5.6389	A	0.6
8	☐			516.68	0.0012	P	8.9

$$y = 0.0057 * x + 3.7371\text{E-}005$$

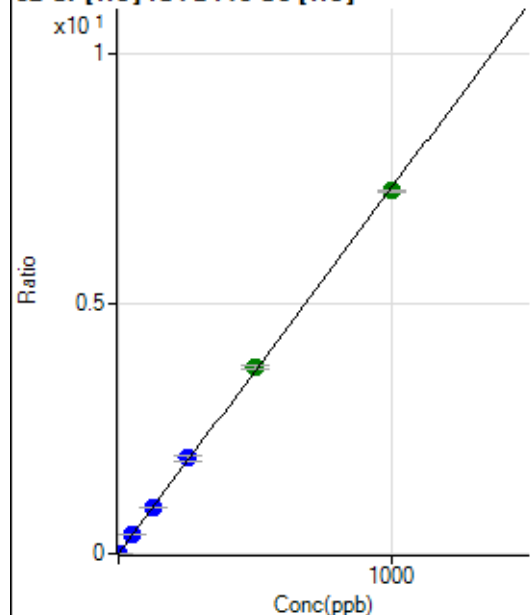
$$R = 0.9998$$

$$DL = 0.008488$$

$$BEC = 0.006573$$

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	987.82	0.0024	P	5.3
2	☐	2.000	2.059	7329.71	0.0175	P	3.5
3	☐	50.000	50.559	153733.92	0.3724	P	1.0
4	☐	125.000	124.338	377490.85	0.9122	P	1.3
5	☐	250.000	261.522	732598.87	1.9161	P	5.5
6	☐	500.000	511.041	1523012.84	3.7420	A	2.0
7	☐	1000.000	991.654	3044266.38	7.2590	A	0.5
8	☐			20134.27	0.0479	P	1.3

$$y = 0.0073 * x + 0.0024$$

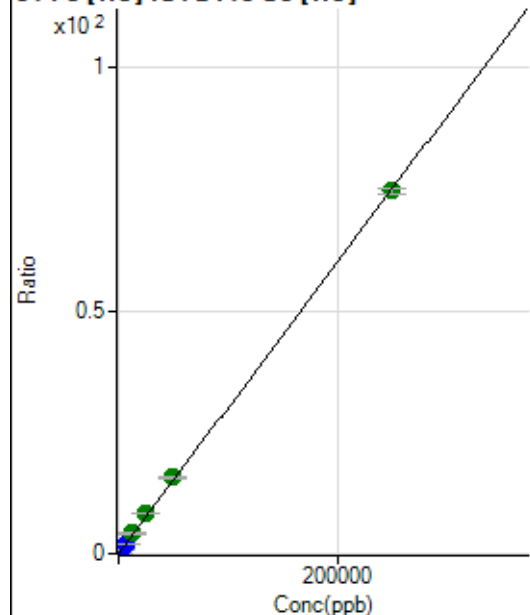
$$R = 0.9998$$

$$DL = 0.05157$$

$$BEC = 0.3259$$

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	342.60	0.0008	P	16.9
2	☐	50.000	56.122	7405.77	0.0176	P	2.0
3	☐	2500.000	2678.226	331480.92	0.8029	P	0.7
4	☐	6250.000	6667.811	826633.58	1.9976	P	0.5
5	☐	12500.000	14229.804	1629145.13	4.2622	A	6.7
6	☐	25000.000	27482.368	3349433.90	8.2309	A	2.5
7	☐	50000.000	52262.435	6563742.16	15.6518	A	0.5
8	☐	250000.00	249200.55	31391957.18	74.6285	A	1.5

$$y = 2.9947E-004 * x + 8.2553E-004$$

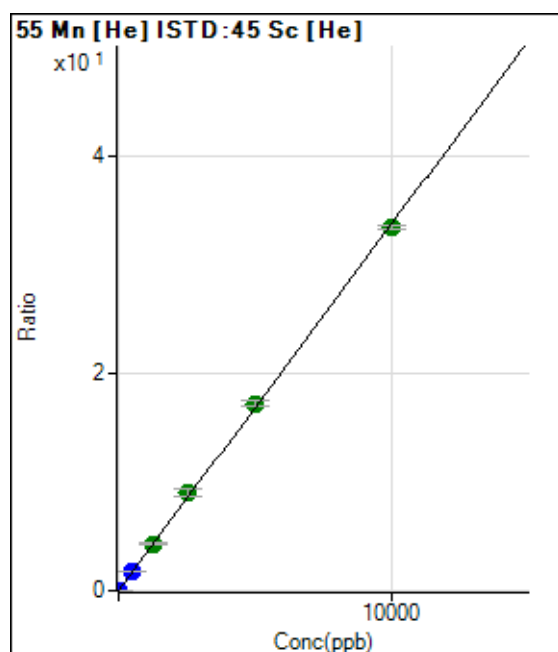
$$R = 0.9999$$

$$DL = 1.395$$

$$BEC = 2.757$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.00	0.0003	P	17.3
2	☐	1.000	1.016	1568.99	0.0037	P	7.1
3	☐	500.000	508.996	707734.94	1.7142	P	0.6
4	☐	1250.000	1283.382	1788369.54	4.3216	A	1.2
5	☐	2500.000	2673.846	3439484.67	9.0034	A	7.9
6	☐	5000.000	5110.810	7002120.59	17.2090	A	3.0
7	☐	10000.000	9896.511	13974355.35	33.3230	A	1.0
8	☐			10525.10	0.0250	P	3.2

$$y = 0.0034 * x + 3.1342E-004$$

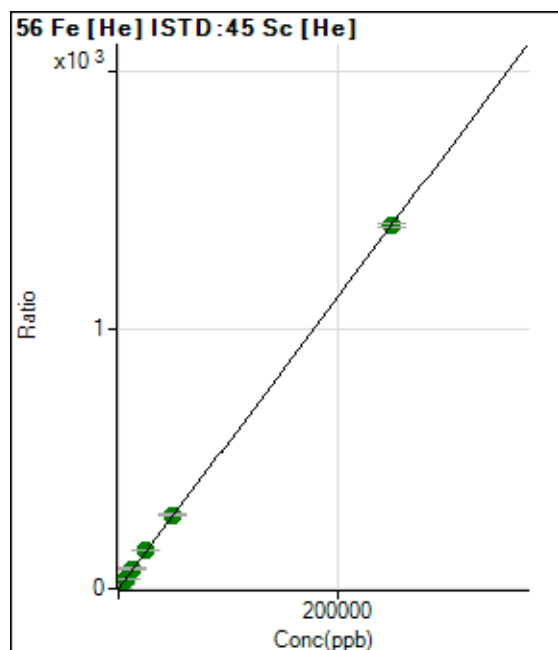
$$R = 0.9997$$

$$DL = 0.04837$$

$$BEC = 0.09308$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3189.30	0.0077	P	3.0
2	☐	50.000	52.808	127716.23	0.3041	P	1.3
3	☐	2500.000	2664.405	6178203.55	14.9639	A	0.6
4	☐	6250.000	6545.167	15206592.24	36.7479	A	0.6
5	☐	12500.000	13839.536	29701346.27	77.6936	A	5.8
6	☐	25000.000	26280.408	60032525.42	147.5284	A	2.6
7	☐	50000.000	50846.888	119695776.7	285.4283	A	1.9
8	☐	250000.00	249626.58	589444598.3	1,401.245	A	1.1

$$y = 0.0056 * x + 0.0077$$

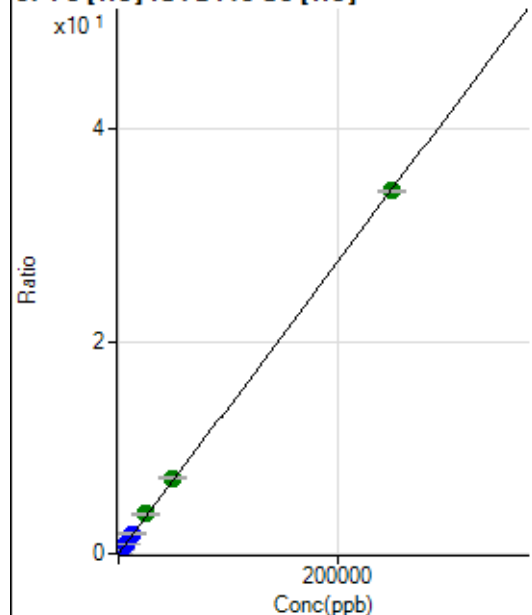
$$R = 1.0000$$

$$DL = 0.1244$$

$$BEC = 1.371$$

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	77.78	0.0002	P	15.6
2	☐	50.000	52.496	3100.40	0.0074	P	5.1
3	☐	2500.000	2636.170	149207.11	0.3614	P	0.4
4	☐	6250.000	6469.821	366897.41	0.8866	P	0.2
5	☐	12500.000	13781.595	722107.62	1.8884	P	5.1
6	☐	25000.000	27148.462	1513452.12	3.7198	A	3.5
7	☐	50000.000	51988.601	2986891.30	7.1232	A	2.8
8	☐	250000.00	249316.49	14370661.20	34.1595	A	0.6

$$y = 1.3701\text{E-}004 * x + 1.8795\text{E-}004$$

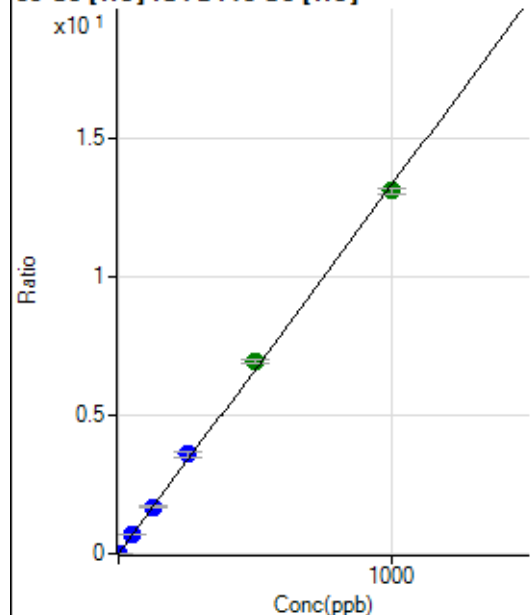
R = 0.9999

DL = 0.643

BEC = 1.372

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	100.00	0.0002	P	15.8
2	☐	1.000	1.009	5749.00	0.0137	P	0.6
3	☐	50.000	51.004	280690.27	0.6799	P	1.7
4	☐	125.000	127.151	701196.45	1.6945	P	1.3
5	☐	250.000	269.068	1370849.48	3.5856	P	5.6
6	☐	500.000	520.572	2823076.42	6.9369	A	2.0
7	☐	1000.000	984.628	5502233.91	13.1204	A	1.4
8	☐			8010.11	0.0190	P	7.2

$$y = 0.0133 * x + 2.4165\text{E-}004$$

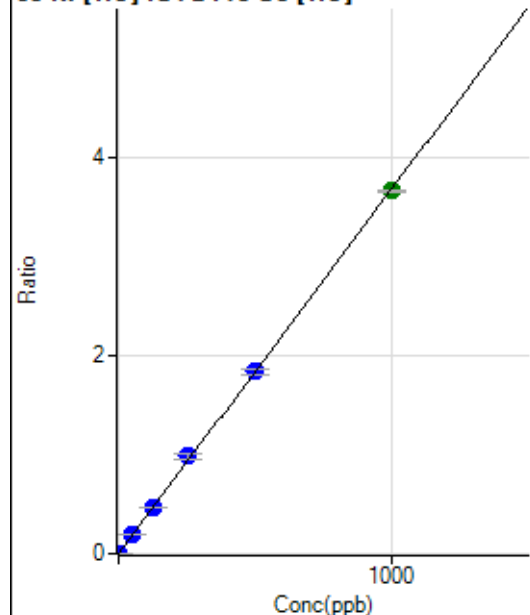
R = 0.9995

DL = 0.008583

BEC = 0.01814

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	62.22	0.0002	P	27.5
2	☐	1.000	1.113	1784.58	0.0042	P	3.4
3	☐	50.000	51.543	78396.82	0.1899	P	1.9
4	☐	125.000	126.648	192997.72	0.4664	P	0.4
5	☐	250.000	267.011	375952.73	0.9831	P	5.1
6	☐	500.000	499.609	748519.49	1.8394	P	2.5
7	☐	1000.000	995.659	1537262.96	3.6656	A	0.3
8	☐			7082.95	0.0168	P	4.6

$$y = 0.0037 * x + 1.5052E-004$$

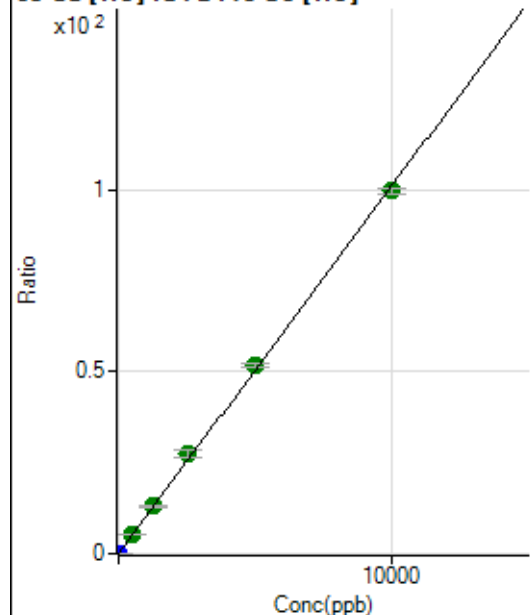
$$R = 0.9998$$

$$DL = 0.03377$$

$$BEC = 0.04089$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	806.70	0.0019	P	5.7
2	☐	2.000	2.034	9435.43	0.0225	P	1.6
3	☐	500.000	533.008	2220321.98	5.3777	A	1.6
4	☐	1250.000	1284.188	5360473.95	12.9538	A	0.4
5	☐	2500.000	2721.832	10493611.58	27.4535	A	6.3
6	☐	5000.000	5127.540	21047105.10	51.7166	A	2.3
7	☐	10000.000	9874.848	41763595.21	99.5964	A	1.8
8	☐			13677.79	0.0325	P	2.3

$$y = 0.0101 * x + 0.0019$$

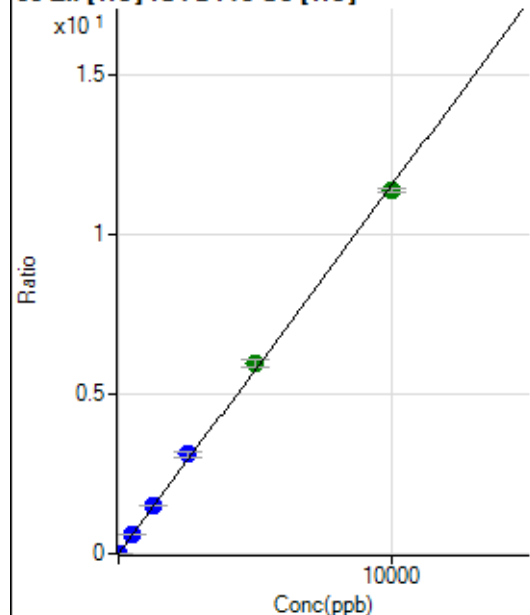
$$R = 0.9996$$

$$DL = 0.0332$$

$$BEC = 0.1931$$

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	655.58	0.0016	P	3.7
2	☐	2.000	2.315	1784.57	0.0043	P	4.5
3	☐	500.000	522.032	249162.12	0.6035	P	0.7
4	☐	1250.000	1287.662	615031.75	1.4863	P	0.6
5	☐	2500.000	2697.968	1190165.21	3.1124	P	5.0
6	☐	5000.000	5168.114	2424925.10	5.9605	A	3.7
7	☐	10000.000	9860.641	4768351.59	11.3710	A	1.2
8	☐			9261.99	0.0220	P	0.3

$$y = 0.0012 * x + 0.0016$$

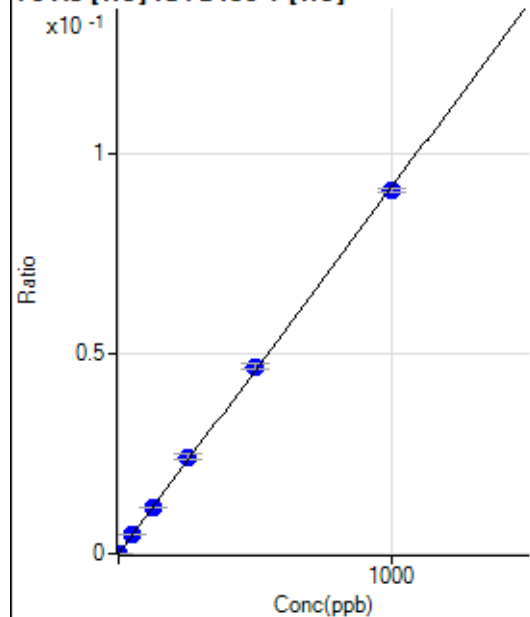
$$R = 0.9996$$

$$DL = 0.1536$$

$$BEC = 1.372$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.00	0.0000	P	28.2
2	☐	1.000	0.988	269.70	0.0001	P	9.8
3	☐	50.000	50.662	13442.07	0.0046	P	0.6
4	☐	125.000	125.839	32981.98	0.0115	P	0.4
5	☐	250.000	264.991	64459.80	0.0243	P	7.7
6	☐	500.000	511.587	131123.52	0.0468	P	3.7
7	☐	1000.000	990.321	260923.51	0.0907	P	0.9
8	☐			86.68	0.0000	P	7.5

$$y = 9.1567E-005 * x + 2.4250E-006$$

$$R = 0.9998$$

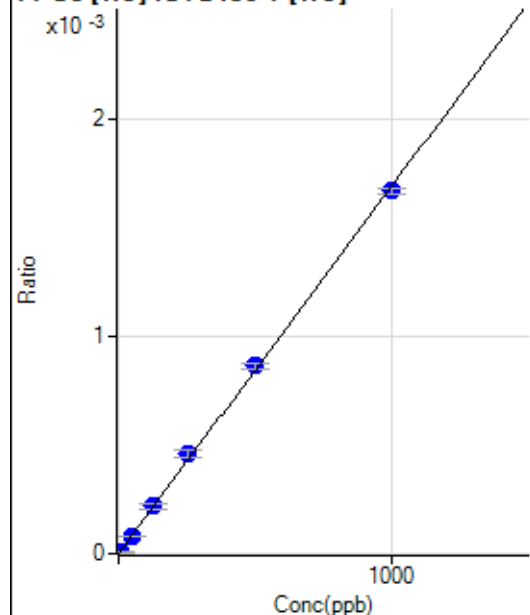
$$DL = 0.02238$$

$$BEC = 0.02648$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.091	20.00	0.0000	P	72.7
3	☐	50.000	48.679	237.78	0.0001	P	3.8
4	☐	125.000	128.502	620.02	0.0002	P	11.5
5	☐	250.000	272.666	1222.29	0.0005	P	6.5
6	☐	500.000	511.604	2415.79	0.0009	P	3.6
7	☐	1000.000	988.164	4795.31	0.0017	P	1.3
8	☐			1.11	0.0000	P	173.

$$y = 1.6863\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

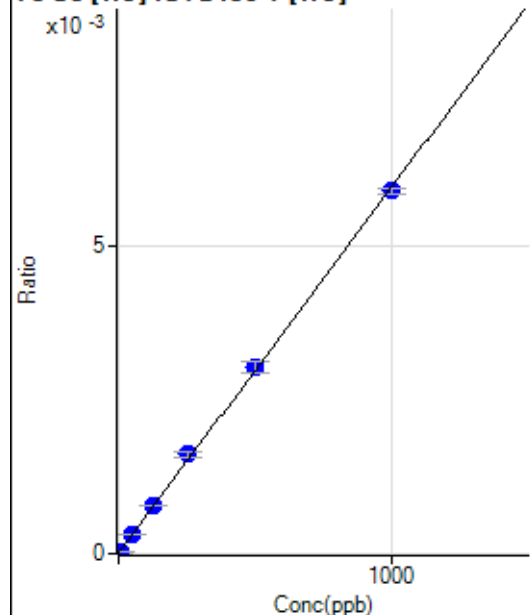
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.00	0.0000	P	30.4
2	☐	5.000	5.538	120.01	0.0000	P	10.7
3	☐	50.000	51.994	921.12	0.0003	P	3.4
4	☐	125.000	128.853	2220.07	0.0008	P	1.1
5	☐	250.000	269.533	4289.43	0.0016	P	6.4
6	☐	500.000	508.254	8493.43	0.0030	P	5.4
7	☐	1000.000	990.406	16998.27	0.0059	P	1.6
8	☐			29.00	0.0000	P	15.5

$$y = 5.9562\text{E-}006 * x + 8.3269\text{E-}006$$

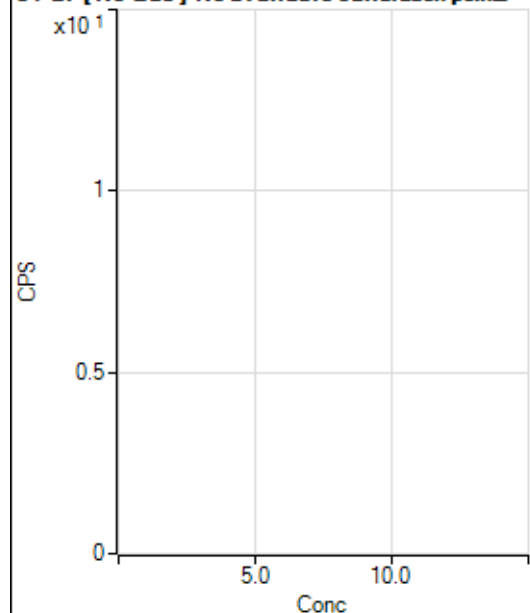
$$R = 0.9997$$

$$DL = 1.273$$

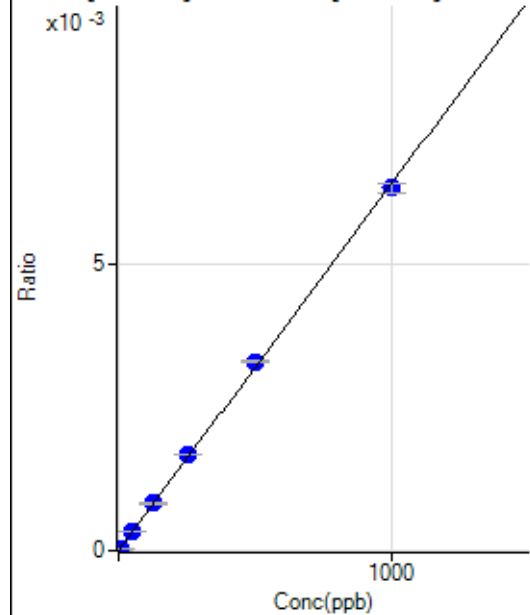
$$BEC = 1.398$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8531.39		P	3.0
2	☐			8394.53		P	3.2
3	☐			8554.75		P	3.0
4	☐			8170.85		P	3.1
5	☐			8160.81		P	0.9
6	☐			8060.59		P	7.1
7	☐			8598.18		P	3.8
8	☐			9412.85		P	6.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.66	0.0000	P	212.
2	☐	5.000	5.379	1174.98	0.0000	P	7.3
3	☐	50.000	52.705	11628.37	0.0003	P	6.3
4	☐	125.000	129.926	28543.66	0.0008	P	2.4
5	☐	250.000	261.844	56247.90	0.0017	P	0.8
6	☐	500.000	514.930	110982.33	0.0033	P	1.5
7	☐	1000.000	988.821	217552.36	0.0064	P	2.9
8	☐			18.44	0.0000	P	114.

$$y = 6.4223E-006 * x + 1.9468E-007$$

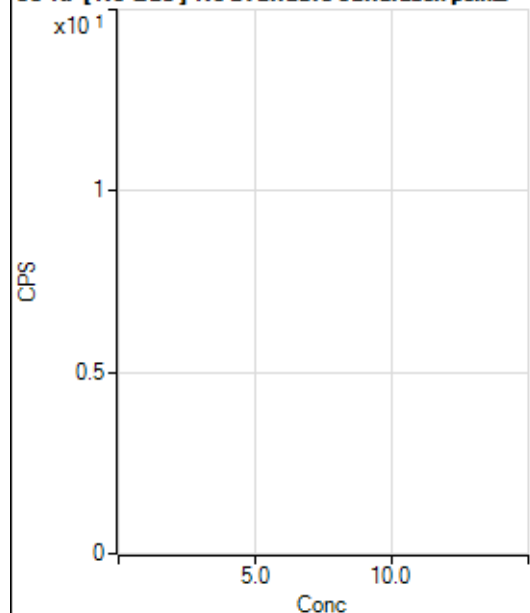
$$R = 0.9998$$

$$DL = 0.1929$$

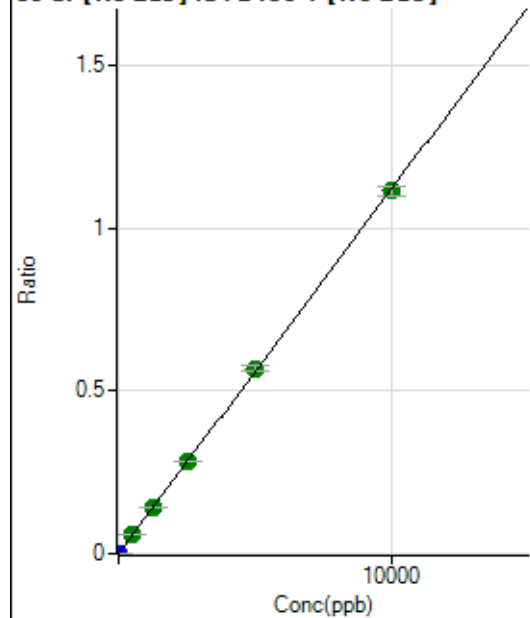
$$BEC = 0.03031$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			560.02		P	6.2
2	☐			567.80		P	8.2
3	☐			571.13		P	14.2
4	☐			541.13		P	15.7
5	☐			573.35		P	13.2
6	☐			572.24		P	3.9
7	☐			614.47		P	10.6
8	☐			656.69		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1158.42	0.0000	P	8.0
2	☐	1.000	1.071	5209.43	0.0002	P	3.8
3	☐	500.000	517.587	1993261.41	0.0580	A	4.3
4	☐	1250.000	1265.680	4851081.49	0.1418	A	1.8
5	☐	2500.000	2544.910	9537342.92	0.2852	A	0.7
6	☐	5000.000	5072.341	19068345.39	0.5683	A	2.9
7	☐	10000.000	9949.763	38193402.94	1.1148	A	2.5
8	☐			12514.29	0.0004	P	10.1

$$y = 1.1204E-004 * x + 3.4075E-005$$

$$R = 1.0000$$

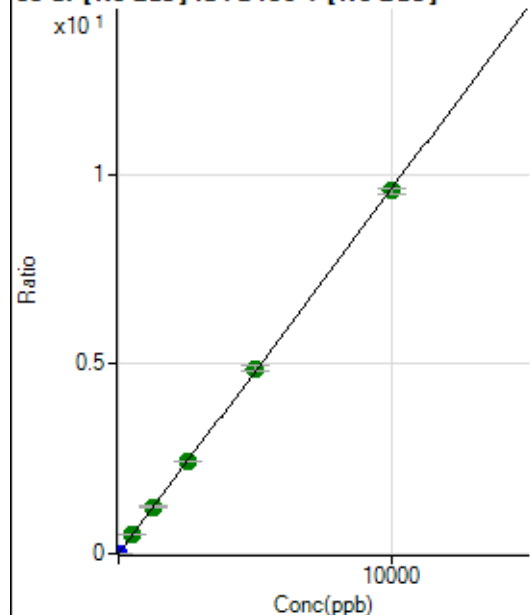
$$DL = 0.07274$$

$$BEC = 0.3041$$

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	1350.10	0.0000	P	8.9
2	☐	1.000	1.135	38222.38	0.0011	P	1.2
3	☐	500.000	511.684	16891737.18	0.4917	A	4.0
4	☐	1250.000	1282.087	42126931.84	1.2319	A	2.6
5	☐	2500.000	2545.180	81791980.99	2.4456	A	0.5
6	☐	5000.000	5076.840	163670402.2	4.8781	A	2.6
7	☐	10000.000	9945.690	327422598.9	9.5564	A	1.7
8	☐			103179.05	0.0032	P	10.6

$$y = 9.6085\text{E-}004 * x + 3.9720\text{E-}005$$

$$R = 0.9999$$

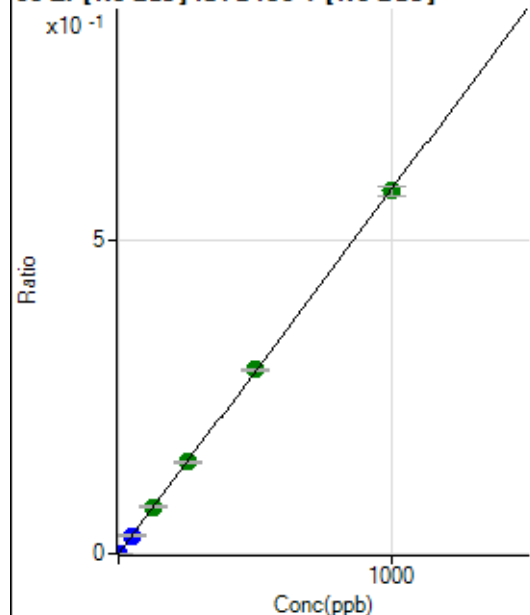
$$DL = 0.01108$$

$$BEC = 0.04134$$

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	1933.53	0.0001	P	6.1
2	☐	1.000	0.993	21469.75	0.0006	P	2.0
3	☐	50.000	49.983	1000957.67	0.0291	P	4.0
4	☐	125.000	128.666	2561460.69	0.0749	A	3.2
5	☐	250.000	252.118	4906987.74	0.1467	A	2.0
6	☐	500.000	505.634	9873936.25	0.2942	A	1.3
7	☐	1000.000	996.196	19857151.14	0.5796	A	2.5
8	☐			6048.70	0.0002	P	6.5

$$y = 5.8177\text{E-}004 * x + 5.6867\text{E-}005$$

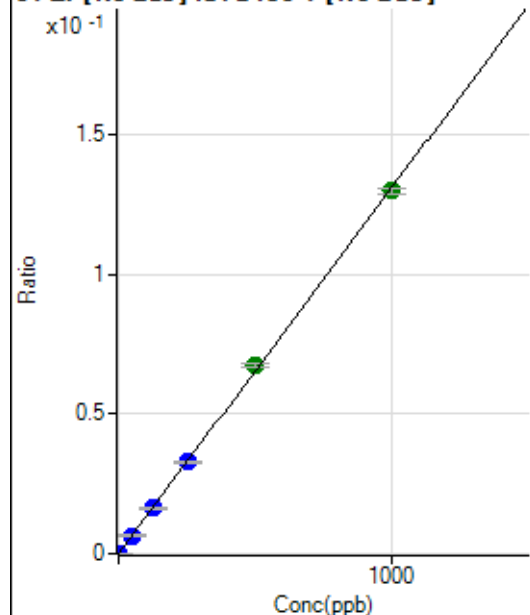
$$R = 1.0000$$

$$DL = 0.01803$$

$$BEC = 0.09775$$

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	380.57	0.0000	P	12.7
2	☐	1.000	0.967	4653.68	0.0001	P	4.5
3	☐	50.000	49.168	221247.66	0.0064	P	5.4
4	☐	125.000	125.592	562058.92	0.0164	P	3.9
5	☐	250.000	250.575	1096475.30	0.0328	P	2.0
6	☐	500.000	514.933	2260316.85	0.0674	A	2.7
7	☐	1000.000	992.357	4447823.45	0.1298	A	1.8
8	☐			1208.42	0.0000	P	11.0

$$y = 1.3080\text{E-}004 * x + 1.1194\text{E-}005$$

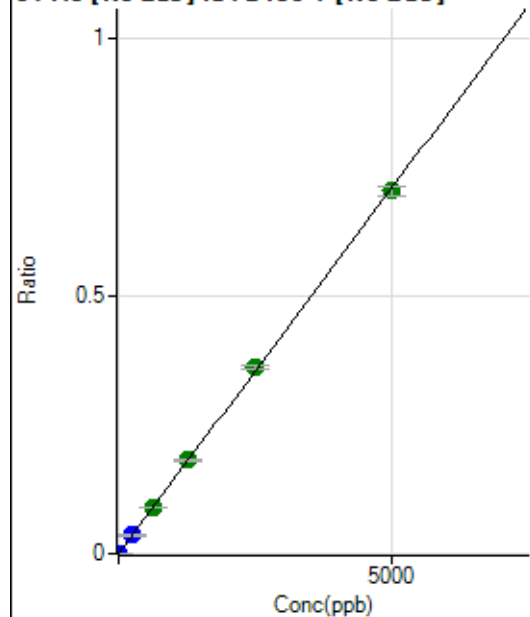
$$R = 0.9998$$

$$DL = 0.03266$$

$$BEC = 0.08558$$

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	613.92	0.0000	P	9.8
2	☐	5.000	5.114	25137.22	0.0007	P	1.9
3	☐	250.000	253.486	1235423.10	0.0360	P	4.1
4	☐	625.000	629.148	3052195.44	0.0892	A	2.0
5	☐	1250.000	1279.039	6066269.49	0.1814	A	0.8
6	☐	2500.000	2549.248	12130829.26	0.3615	A	1.7
7	☐	5000.000	4967.423	24131226.06	0.7044	A	2.6
8	☐			9264.47	0.0003	P	12.3

$$y = 1.4180\text{E-}004 * x + 1.8053\text{E-}005$$

$$R = 0.9999$$

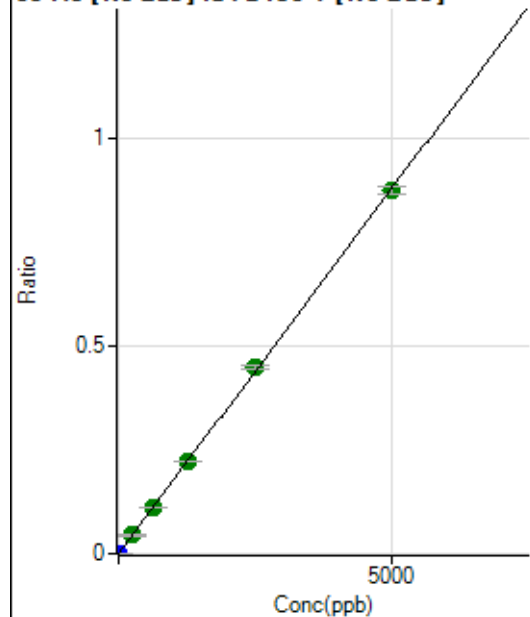
$$DL = 0.03754$$

$$BEC = 0.1273$$

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	19.44	0.0000	P	66.3
2	☐	5.000	5.030	29882.70	0.0009	P	2.8
3	☐	250.000	253.904	1531569.07	0.0446	A	3.3
4	☐	625.000	630.025	3782179.12	0.1106	A	2.6
5	☐	1250.000	1257.113	7380837.06	0.2207	A	0.4
6	☐	2500.000	2549.402	15017881.06	0.4475	A	1.8
7	☐	5000.000	4972.698	29908165.60	0.8730	A	2.0
8	☐			12447.50	0.0004	P	9.0

$$y = 1.7555\text{E-}004 * x + 5.7409\text{E-}007$$

$$R = 0.9999$$

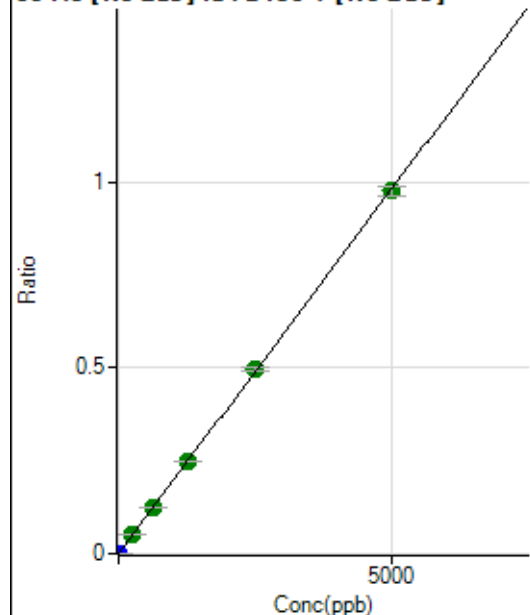
$$DL = 0.0065$$

$$BEC = 0.00327$$

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	163.90	0.0000	P	19.6
2	☐	5.000	5.047	33683.15	0.0010	P	2.4
3	☐	250.000	257.308	1735769.40	0.0505	A	5.1
4	☐	625.000	634.571	4261756.21	0.1246	A	3.2
5	☐	1250.000	1261.387	8285352.70	0.2477	A	1.2
6	☐	2500.000	2536.635	16718127.63	0.4982	A	1.7
7	☐	5000.000	4977.274	33487523.32	0.9775	A	2.7
8	☐			16916.32	0.0005	P	9.3

$$y = 1.9640\text{E-}004 * x + 4.8133\text{E-}006$$

$$R = 1.0000$$

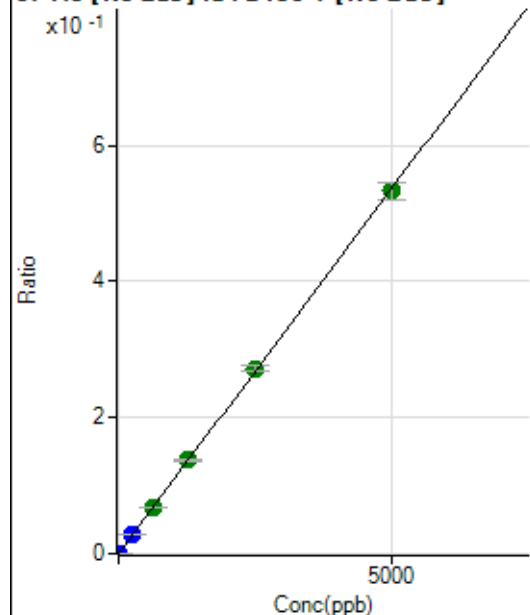
$$DL = 0.0144$$

$$BEC = 0.02451$$

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	25.00	0.0000	P	67.3
2	☐	5.000	5.258	19091.47	0.0006	P	3.2
3	☐	250.000	256.686	945566.98	0.0275	P	4.2
4	☐	625.000	636.264	2333877.83	0.0682	A	2.8
5	☐	1250.000	1281.274	4595100.23	0.1374	A	0.7
6	☐	2500.000	2539.116	9135466.18	0.2723	A	2.7
7	☐	5000.000	4970.881	18255774.89	0.5330	A	4.4
8	☐			7543.94	0.0002	P	11.9

$$y = 1.0723\text{E-}004 * x + 7.3829\text{E-}007$$

$$R = 0.9999$$

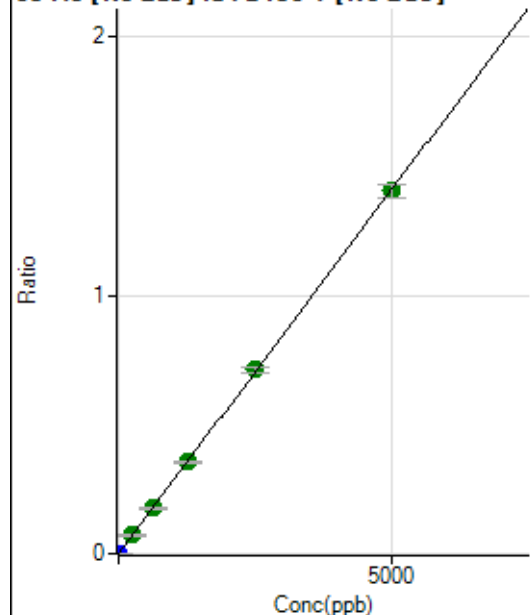
$$DL = 0.01391$$

$$BEC = 0.006885$$

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	80.56	0.0000	P	20.6
2	☐	5.000	5.049	48156.36	0.0014	P	1.8
3	☐	250.000	253.185	2448857.65	0.0713	A	4.4
4	☐	625.000	623.060	6000218.62	0.1754	A	2.4
5	☐	1250.000	1256.992	11837481.77	0.3539	A	0.9
6	☐	2500.000	2525.341	23857471.37	0.7111	A	2.7
7	☐	5000.000	4985.665	48085221.56	1.4038	A	3.4
8	☐			19505.83	0.0006	P	9.1

$$y = 2.8157\text{E-}004 * x + 2.3657\text{E-}006$$

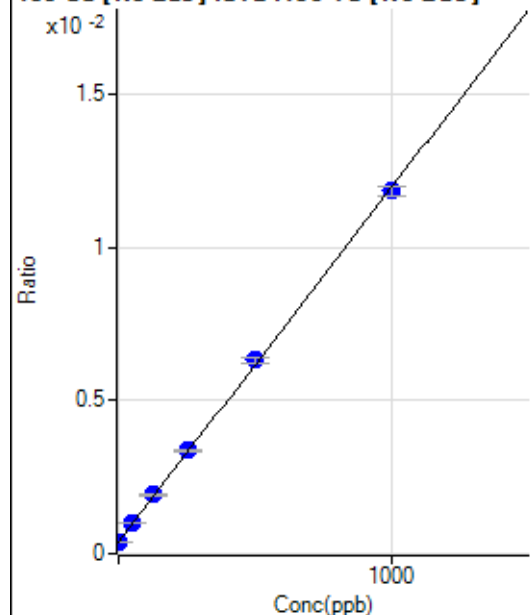
$$R = 1.0000$$

$$DL = 0.005184$$

$$BEC = 0.008402$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9778.72	0.0004	P	4.0
2	☐	1.000	-0.047	10012.24	0.0004	P	1.7
3	☐	50.000	52.469	25780.41	0.0010	P	2.9
4	☐	125.000	133.490	50390.36	0.0019	P	2.2
5	☐	250.000	259.273	88319.36	0.0034	P	1.9
6	☐	500.000	512.074	166429.62	0.0063	P	3.4
7	☐	1000.000	990.461	316832.49	0.0118	P	2.3
8	☐			9195.07	0.0004	P	5.5

$$y = 1.1572\text{E-}005 * x + 3.8517\text{E-}004$$

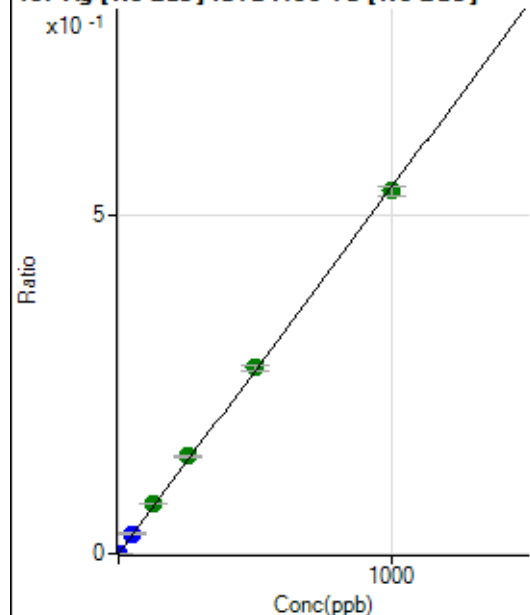
$$R = 0.9998$$

$$DL = 3.949$$

$$BEC = 33.28$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	25.6
2	☐	1.000	1.027	14524.69	0.0006	P	10.2
3	☐	50.000	54.447	763592.89	0.0294	P	3.8
4	☐	125.000	137.770	1942090.58	0.0744	A	1.8
5	☐	250.000	266.326	3750219.01	0.1438	A	2.6
6	☐	500.000	507.218	7221218.13	0.2738	A	3.3
7	☐	1000.000	990.491	14301662.47	0.5347	A	2.4
8	☐			4737.05	0.0002	P	12.0

$$y = 5.3985\text{E-}004 * x + 4.8129\text{E-}006$$

$$R = 0.9998$$

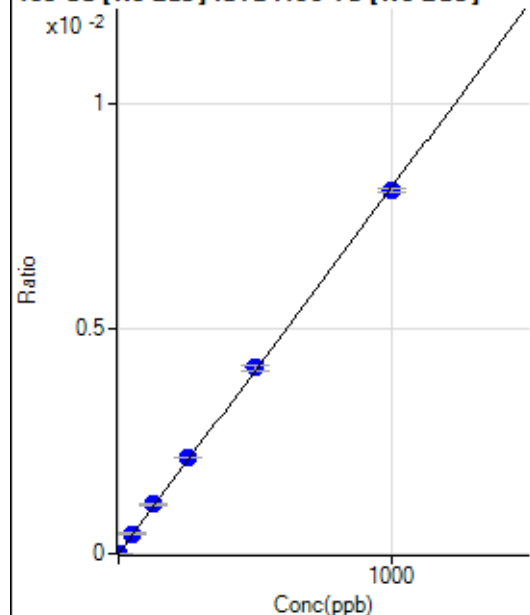
$$DL = 0.006842$$

$$BEC = 0.008915$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.0
2	☐	1.000	1.283	322.23	0.0000	P	10.8
3	☐	50.000	54.777	11634.19	0.0004	P	2.4
4	☐	125.000	134.201	28571.42	0.0011	P	1.6
5	☐	250.000	262.132	55700.93	0.0021	P	1.7
6	☐	500.000	508.742	109244.02	0.0041	P	3.1
7	☐	1000.000	991.207	215825.21	0.0081	P	1.1
8	☐			333.34	0.0000	P	10.2

$$y = 8.1386\text{E-}006 * x + 1.9702\text{E-}006$$

$$R = 0.9998$$

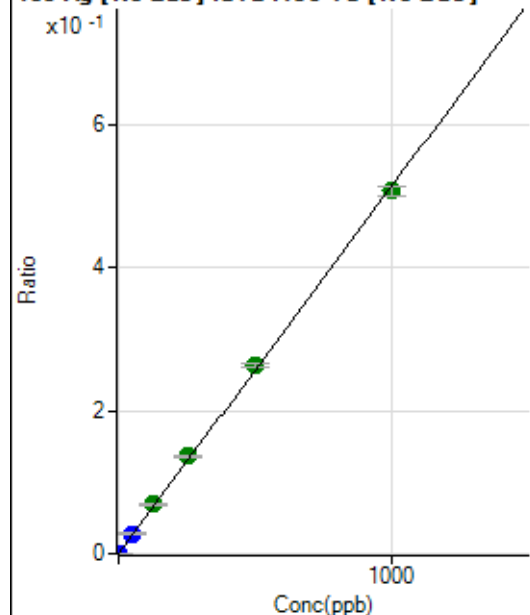
$$DL = 0.2107$$

$$BEC = 0.2421$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.3
2	☐	1.000	1.024	13754.46	0.0005	P	0.7
3	☐	50.000	54.341	725604.32	0.0279	P	3.3
4	☐	125.000	133.601	1793108.11	0.0687	A	2.7
5	☐	250.000	265.226	3556361.10	0.1363	A	2.0
6	☐	500.000	513.398	6960297.73	0.2639	A	1.6
7	☐	1000.000	988.202	13582283.72	0.5079	A	2.9
8	☐			4664.80	0.0002	P	13.7

$$y = 5.1397\text{E-}004 * x + 2.4064\text{E-}006$$

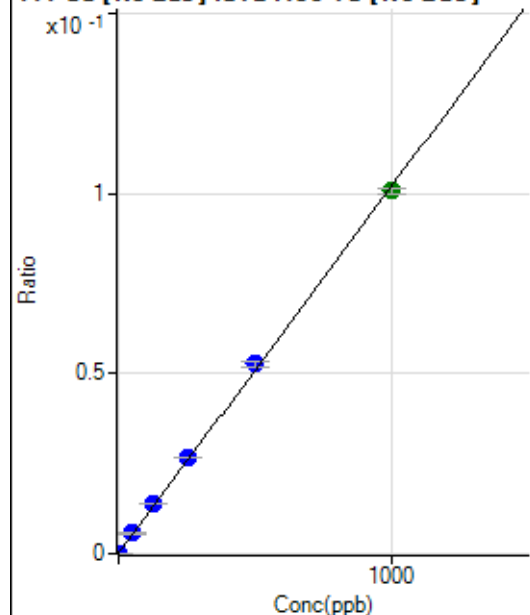
$$R = 0.9997$$

$$DL = 0.004395$$

$$BEC = 0.004682$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1959.64	0.0001	P	3.9
2	☐	1.000	1.158	5077.33	0.0002	P	1.3
3	☐	50.000	54.649	146575.83	0.0056	P	2.9
4	☐	125.000	134.211	358857.42	0.0137	P	1.5
5	☐	250.000	262.098	698216.13	0.0268	P	1.2
6	☐	500.000	515.457	1386292.14	0.0526	P	2.8
7	☐	1000.000	987.863	2692507.42	0.1007	A	1.4
8	☐			2415.43	0.0001	P	3.2

$$y = 1.0183\text{E-}004 * x + 7.7187\text{E-}005$$

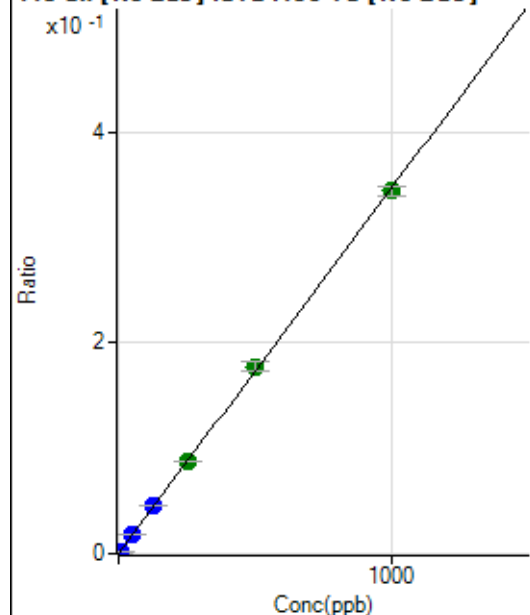
$$R = 0.9997$$

$$DL = 0.08896$$

$$BEC = 0.758$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3684.03	0.0001	P	4.5
2	☐	5.000	5.161	50301.51	0.0019	P	2.0
3	☐	50.000	53.222	482941.23	0.0186	P	3.0
4	☐	125.000	130.202	1182092.98	0.0453	P	0.8
5	☐	250.000	252.873	2290054.85	0.0878	A	0.8
6	☐	500.000	511.493	4677662.35	0.1774	A	5.1
7	☐	1000.000	992.723	9204394.48	0.3442	A	2.8
8	☐			5345.66	0.0002	P	6.7

$$y = 3.4657\text{E-}004 * x + 1.4514\text{E-}004$$

$$R = 0.9999$$

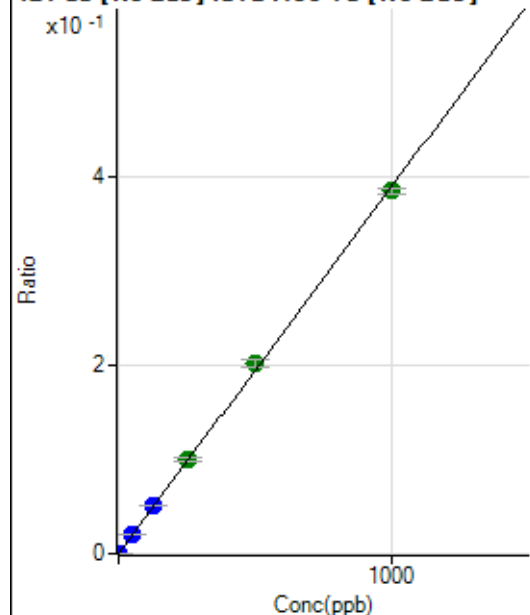
$$DL = 0.05693$$

$$BEC = 0.4188$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	66.0
2	☐	2.000	2.098	21314.35	0.0008	P	2.9
3	☐	50.000	52.438	530606.71	0.0204	P	2.6
4	☐	125.000	130.838	1330388.41	0.0510	P	2.4
5	☐	250.000	256.757	2607951.97	0.1000	A	2.7
6	☐	500.000	517.309	5312503.85	0.2015	A	3.6
7	☐	1000.000	988.804	10298794.33	0.3851	A	1.7
8	☐			9781.53	0.0004	P	3.5

$$y = 3.8942\text{E-}004 * x + 2.6234\text{E-}006$$

$$R = 0.9997$$

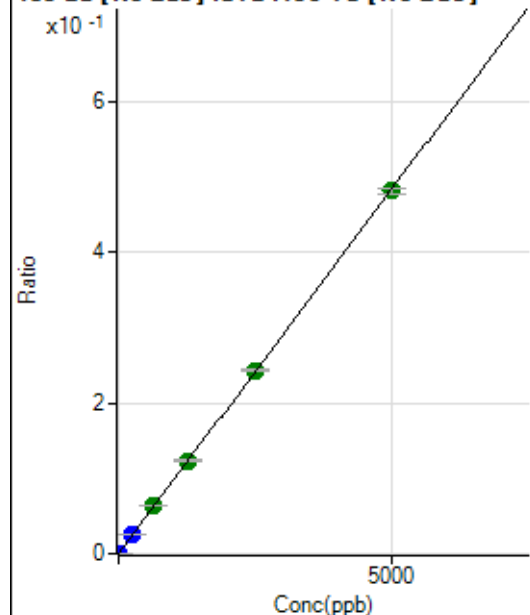
$$DL = 0.01333$$

$$BEC = 0.006737$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.78	0.0000	P	8.2
2	☐	10.000	10.162	25766.79	0.0010	P	4.0
3	☐	250.000	257.297	646913.69	0.0249	P	2.7
4	☐	625.000	656.634	1658814.12	0.0635	A	2.1
5	☐	1250.000	1273.528	3214235.40	0.1232	A	2.7
6	☐	2500.000	2520.192	6431454.53	0.2438	A	1.2
7	☐	5000.000	4979.703	12884483.71	0.4818	A	1.9
8	☐			4128.53	0.0002	P	5.2

$$y = 9.6741\text{E-}005 * x + 7.9865\text{E-}006$$

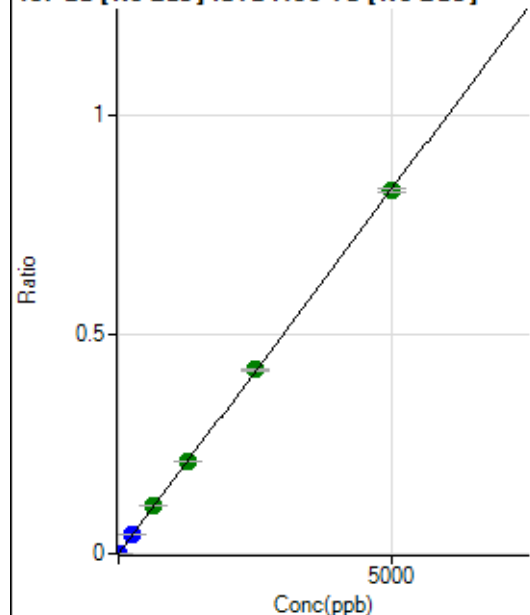
$$R = 1.0000$$

$$DL = 0.02034$$

$$BEC = 0.08256$$

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	252.79	0.0000	P	21.4
2	☐	10.000	10.318	44802.53	0.0017	P	2.1
3	☐	250.000	261.511	1127955.90	0.0434	P	2.7
4	☐	625.000	657.780	2851148.29	0.1092	A	0.9
5	☐	1250.000	1264.874	5477224.77	0.2100	A	1.6
6	☐	2500.000	2524.312	11053060.57	0.4190	A	0.9
7	☐	5000.000	4979.452	22107124.28	0.8265	A	1.0
8	☐			7510.62	0.0003	P	11.8

$$y = 1.6598E-004 * x + 9.9611E-006$$

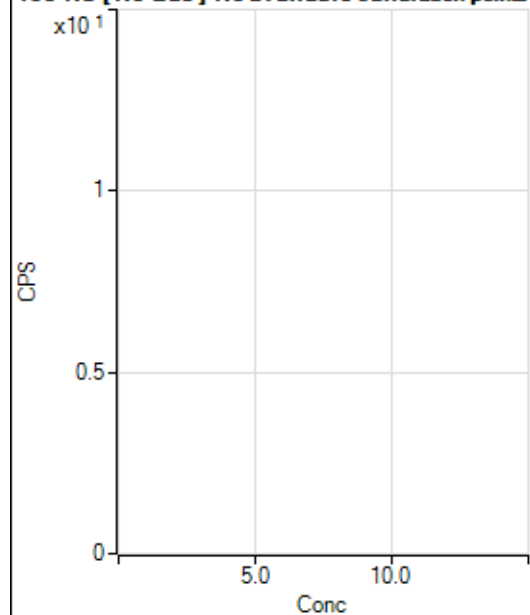
$$R = 1.0000$$

$$DL = 0.03855$$

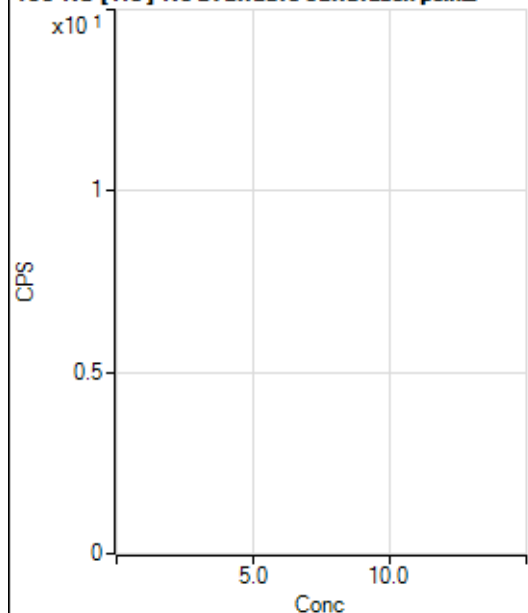
$$BEC = 0.06001$$

Weight: <None>

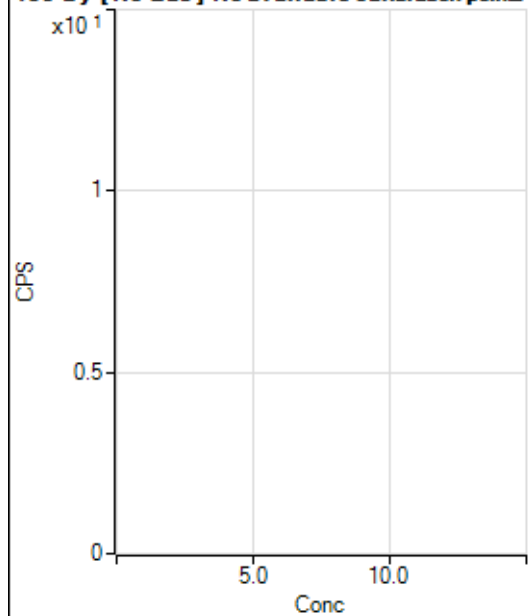
Min Conc: 0

150 Nd [No Gas] No available calibration points

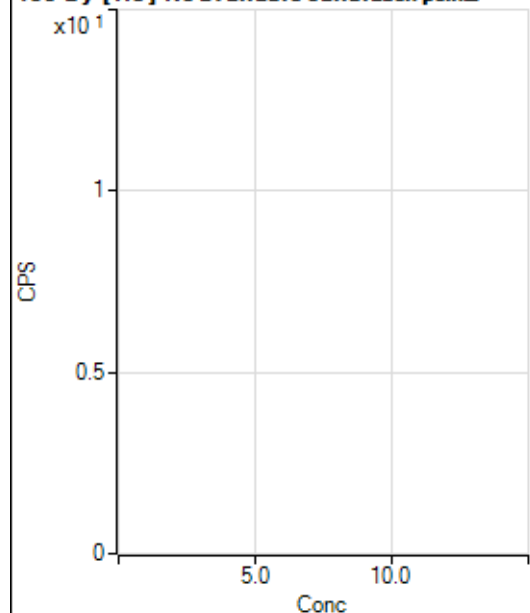
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			4.45		P	86.6
3	☐			44.44		P	34.6
4	☐			68.89		P	14.8
5	☐			162.23		P	16.6
6	☐			320.01		P	4.2
7	☐			613.36		P	19.0
8	☐			37.78		P	40.8

150 Nd [He] No available calibration points

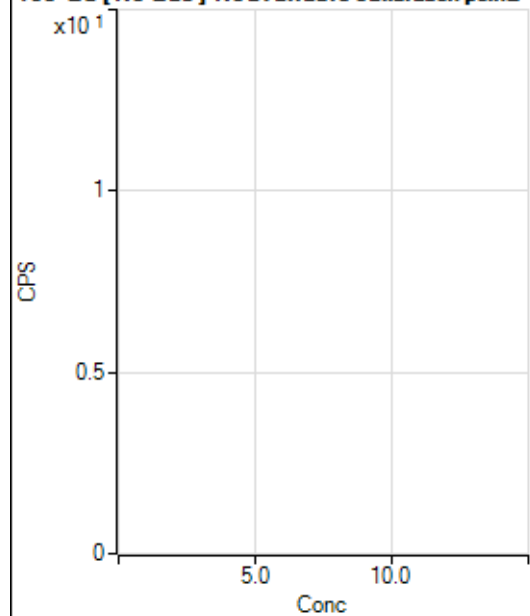
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			5.55		P	124.
4	☐			4.44		P	43.4
5	☐			18.89		P	27.0
6	☐			27.78		P	6.9
7	☐			34.45		P	31.1
8	☐			13.33		P	43.3

156 Dy [No Gas] No available calibration points

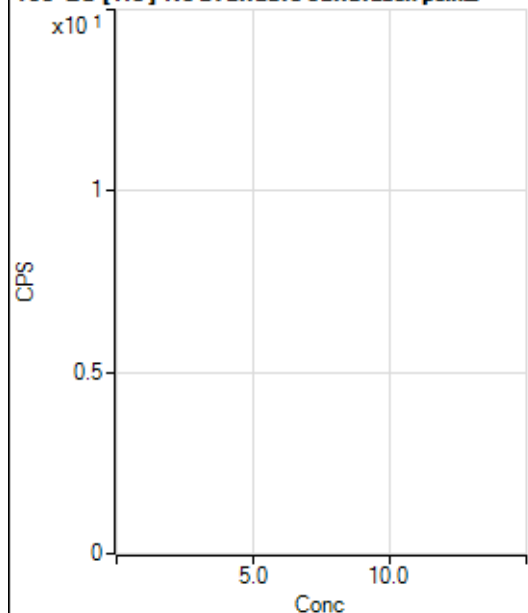
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			22.22		P	57.3
3	☐			44.44		P	21.7
4	☐			105.56		P	12.1
5	☐			194.45		P	27.6
6	☐			358.35		P	7.0
7	☐			644.48		P	4.9
8	☐			1839.07		P	0.7

156 Dy [He] No available calibration points

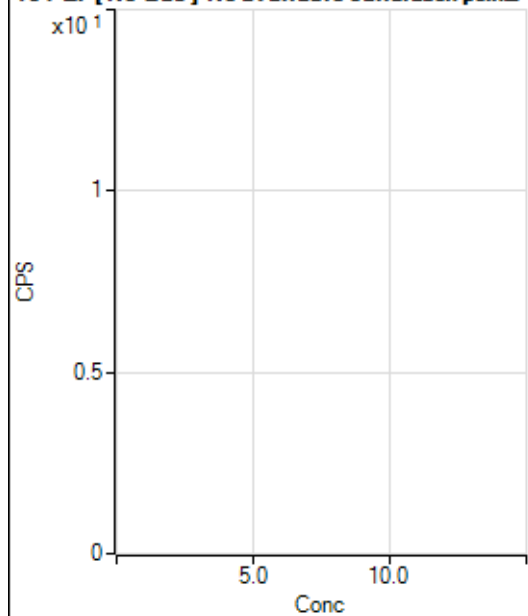
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	100.
3	☐			23.33		P	24.7
4	☐			41.11		P	32.8
5	☐			67.78		P	5.7
6	☐			132.22		P	18.2
7	☐			266.67		P	8.8
8	☐			766.70		P	5.6

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

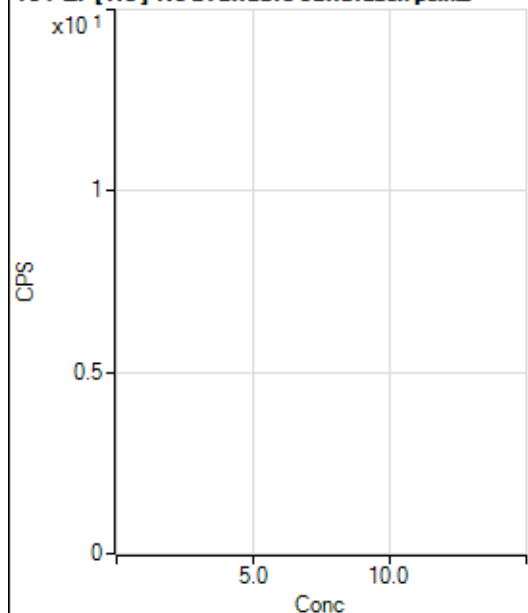
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			150.01		P	33.3
2	☐			180.56		P	35.8
3	☐			191.68		P	11.5
4	☐			225.01		P	3.7
5	☐			350.01		P	14.5
6	☐			483.36		P	14.1
7	☐			891.72		P	17.8
8	☐			1941.86		P	3.1

160 Gd [He] No available calibration points

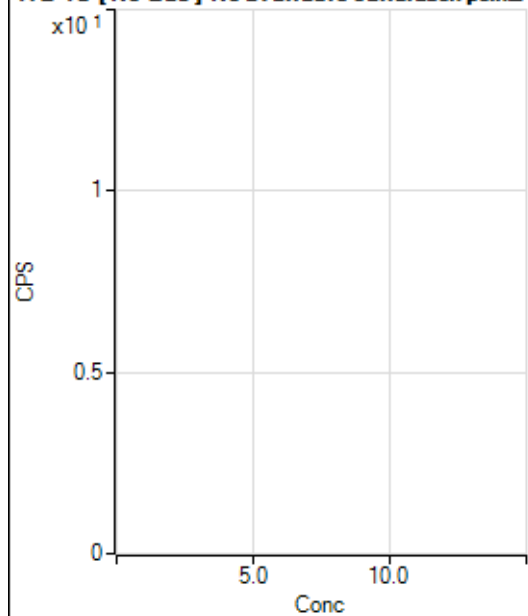
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	9.8
2	☐			67.78		P	15.8
3	☐			56.67		P	25.6
4	☐			97.78		P	12.0
5	☐			120.00		P	14.7
6	☐			241.12		P	15.3
7	☐			357.79		P	6.2
8	☐			987.83		P	4.8

164 Er [No Gas] No available calibration points

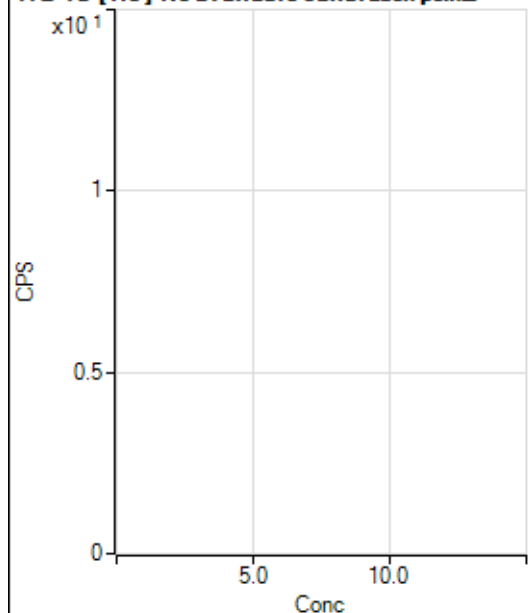
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	29.5
2	☐			208.34		P	63.5
3	☐			158.34		P	15.8
4	☐			183.34		P	12.0
5	☐			200.00		P	22.0
6	☐			263.90		P	4.8
7	☐			313.90		P	18.1
8	☐			383.35		P	11.3

164 Er [He] No available calibration points

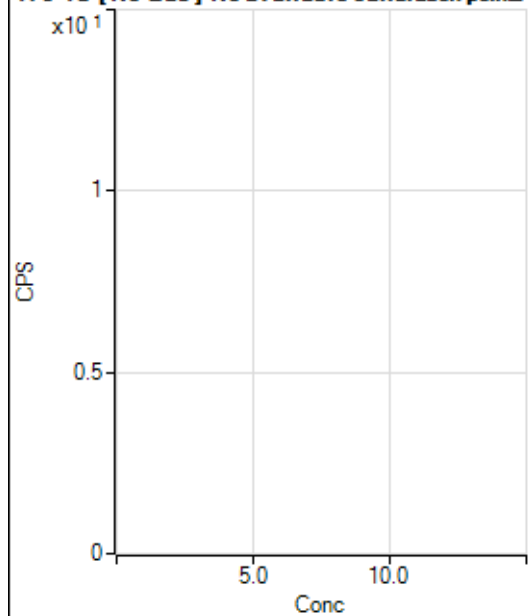
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	29.2
2	☐			64.44		P	28.5
3	☐			56.67		P	17.6
4	☐			64.45		P	31.6
5	☐			55.56		P	39.9
6	☐			93.33		P	7.1
7	☐			97.78		P	7.1
8	☐			166.67		P	7.2

172 Yb [No Gas] No available calibration points

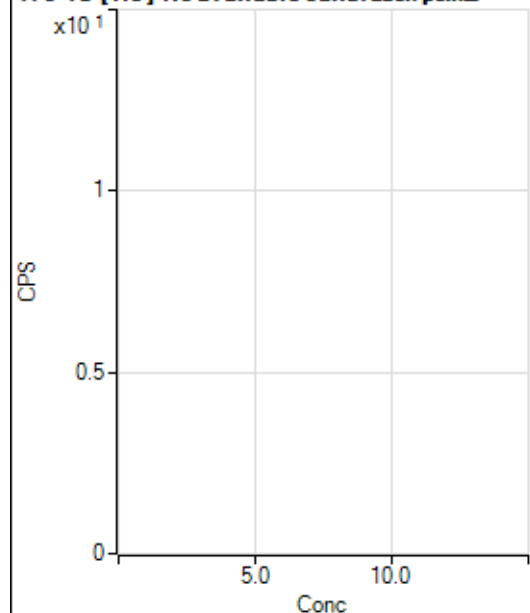
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	79.5
2	☐			97.23		P	32.5
3	☐			91.67		P	24.1
4	☐			55.56		P	34.6
5	☐			52.78		P	18.2
6	☐			66.67		P	21.7
7	☐			72.23		P	13.3
8	☐			97.22		P	21.6

172 Yb [He] No available calibration points

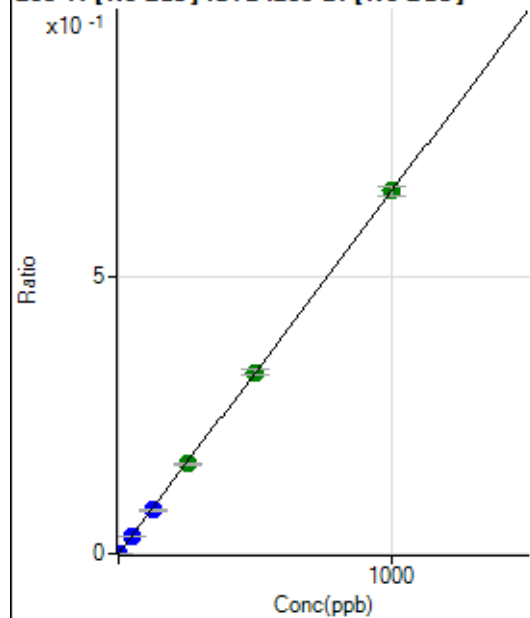
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	34.6
2	☐			46.30		P	18.3
3	☐			22.22		P	43.3
4	☐			29.63		P	60.3
5	☐			40.74		P	43.8
6	☐			22.22		P	43.3
7	☐			29.63		P	92.5
8	☐			48.15		P	17.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2928.19		P	4.4
2	☐			3092.12		P	2.8
3	☐			3047.66		P	7.7
4	☐			2897.63		P	4.5
5	☐			2783.69		P	4.2
6	☐			2892.06		P	5.3
7	☐			3006.00		P	7.8
8	☐			2819.83		P	8.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3511.64		P	1.5
2	☐			2800.36		P	13.0
3	☐			2340.99		P	1.9
4	☐			2226.16		P	4.4
5	☐			2118.73		P	8.0
6	☐			2050.20		P	3.0
7	☐			2118.73		P	12.1
8	☐			1937.21		P	5.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0000	P	6.8
2	☐	1.000	0.941	9887.39	0.0006	P	1.5
3	☐	50.000	48.039	493359.46	0.0315	P	3.0
4	☐	125.000	120.313	1233691.83	0.0788	P	3.5
5	☐	250.000	248.376	2494460.06	0.1627	A	1.4
6	☐	500.000	499.383	4968798.11	0.3272	A	3.2
7	☐	1000.000	1001.398	9820743.79	0.6561	A	2.6
8	☐			2786.50	0.0002	P	11.3

$$y = 6.5516E-004 * x + 1.8864E-005$$

$$R = 1.0000$$

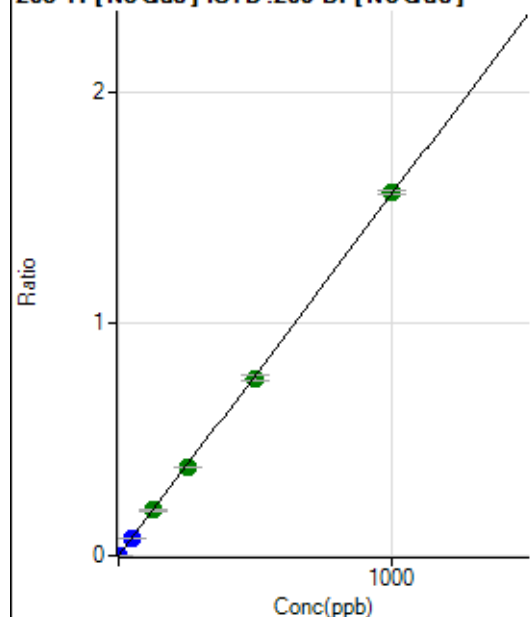
$$DL = 0.005861$$

$$BEC = 0.02879$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.37	0.0000	P	5.7
2	☐	1.000	0.957	23875.32	0.0015	P	1.6
3	☐	50.000	48.660	1186337.27	0.0757	P	3.2
4	☐	125.000	125.610	3058205.32	0.1954	A	2.4
5	☐	250.000	246.424	5875938.02	0.3833	A	0.7
6	☐	500.000	492.390	11631665.28	0.7659	A	2.3
7	☐	1000.000	1004.690	23394379.34	1.5626	A	1.1
8	☐			6499.04	0.0005	P	9.9

$$y = 0.0016 * x + 4.5012E-005$$

R = 0.9999

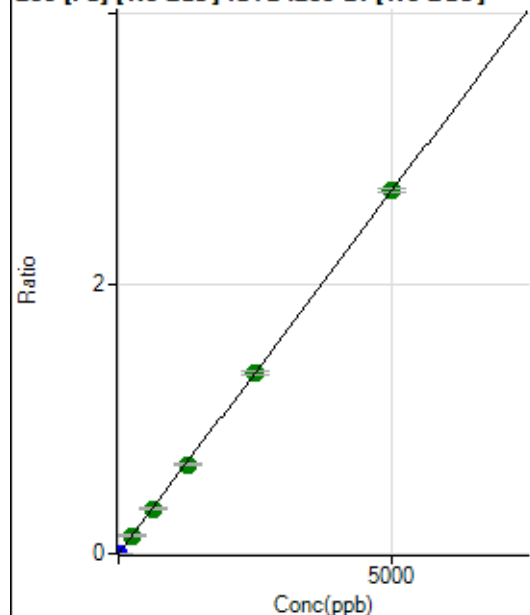
DL = 0.004945

BEC = 0.02894

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	657.43	0.0000	P	9.7
2	☐	1.000	0.941	8536.28	0.0005	P	3.4
3	☐	250.000	251.280	2114401.27	0.1350	A	2.6
4	☐	625.000	622.759	5233262.73	0.3344	A	3.1
5	☐	1250.000	1231.793	10136824.77	0.6614	A	1.6
6	☐	2500.000	2497.753	20368654.85	1.3411	A	2.6
7	☐	5000.000	5005.891	40239495.81	2.6878	A	1.1
8	☐			20726.13	0.0016	P	5.5

$$y = 5.3692E-004 * x + 4.3391E-005$$

R = 1.0000

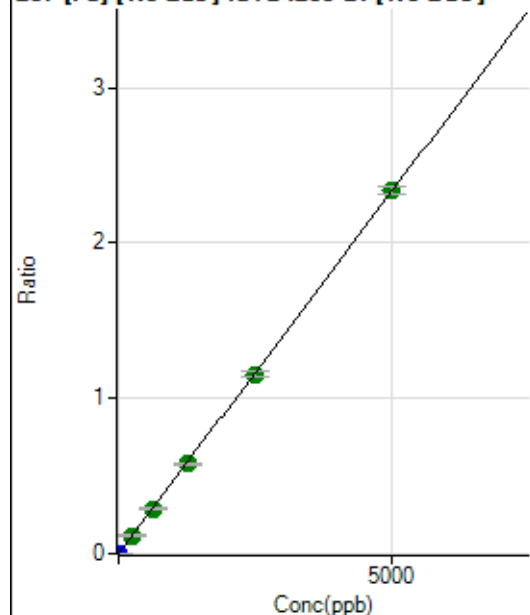
DL = 0.02361

BEC = 0.08081

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	574.10	0.0000	P	4.2
2	☐	1.000	0.901	7129.88	0.0005	P	4.9
3	☐	250.000	249.894	1824863.58	0.1165	A	3.3
4	☐	625.000	620.903	4528541.01	0.2894	A	2.8
5	☐	1250.000	1242.469	8872180.00	0.5790	A	2.7
6	☐	2500.000	2477.106	17530483.50	1.1543	A	3.0
7	☐	5000.000	5013.847	34974980.64	2.3364	A	2.1
8	☐			18747.17	0.0014	P	8.5

$$y = 4.6599\text{E-}004 * x + 3.7851\text{E-}005$$

$$R = 1.0000$$

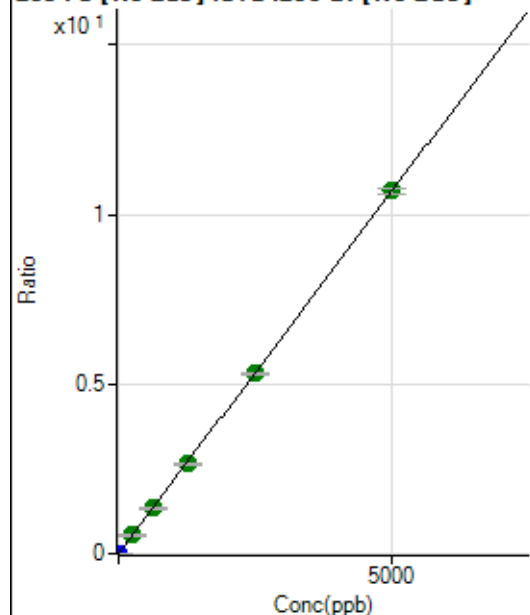
$$DL = 0.01019$$

$$BEC = 0.08123$$

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	2613.12	0.0002	P	4.2
2	☐	1.000	0.953	34335.45	0.0022	P	1.4
3	☐	250.000	252.399	8442437.93	0.5389	A	3.4
4	☐	625.000	623.981	20845757.70	1.3320	A	2.7
5	☐	1250.000	1243.574	40681908.96	2.6545	A	1.5
6	☐	2500.000	2484.061	80536444.39	5.3023	A	1.6
7	☐	5000.000	5009.583	160076586.6	10.6928	A	1.6
8	☐			83706.40	0.0065	P	6.4

$$y = 0.0021 * x + 1.7235\text{E-}004$$

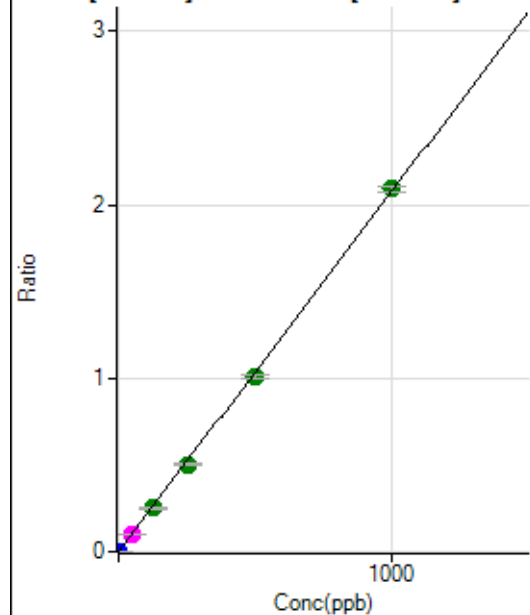
$$R = 1.0000$$

$$DL = 0.01028$$

$$BEC = 0.08075$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	115.
2	☐	1.000	0.900	29095.02	0.0019	P	3.6
3	☐	50.000	46.835	1522425.91	0.0972	M	3.6
4	☐	125.000	121.521	3946402.52	0.2522	A	2.4
5	☐	250.000	242.591	7715093.92	0.5034	A	1.5
6	☐	500.000	488.285	15388608.33	1.0132	A	2.4
7	☐	1000.000	1008.303	31319984.38	2.0922	A	1.7
8	☐			5098.41	0.0004	P	12.2

$$y = 0.0021 * x + 7.4383E-007$$

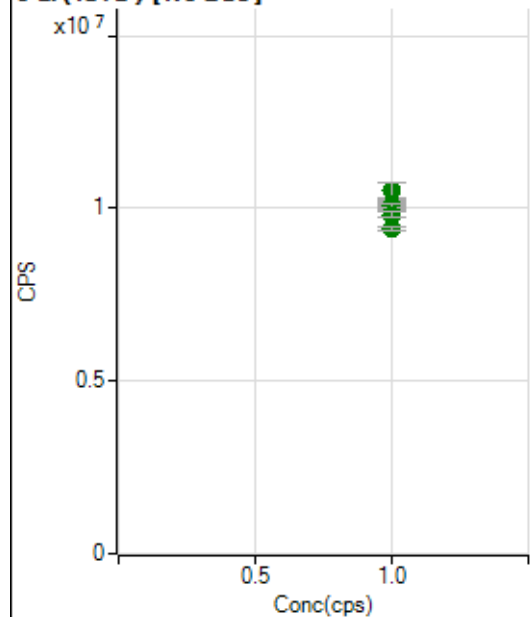
$$R = 0.9999$$

$$DL = 0.001242$$

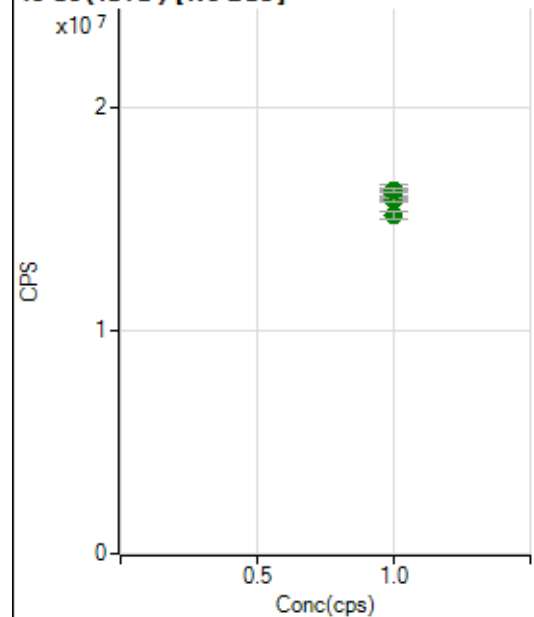
$$BEC = 0.0003585$$

Weight: <None>

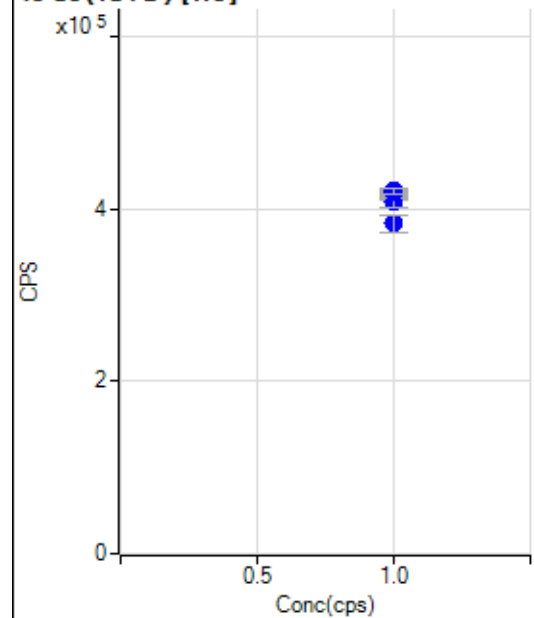
Min Conc: 0

6 Li (ISTD) [No Gas]

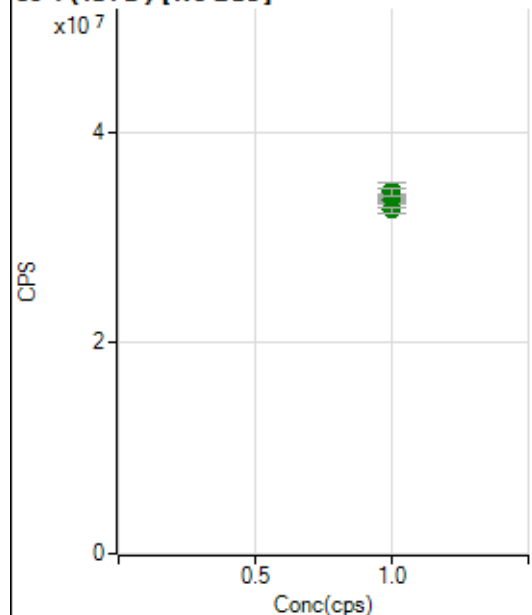
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10136843.13		A	1.4
2	☐	1.000		10114819.78		A	3.8
3	☐	1.000		10507585.96		A	4.4
4	☐	1.000		10111787.39		A	3.0
5	☐	1.000		10016387.56		A	1.9
6	☐	1.000		10074431.45		A	1.5
7	☐	1.000		9829426.87		A	1.8
8	☐	1.000		9414860.47		A	1.6

45 Sc (ISTD) [No Gas]

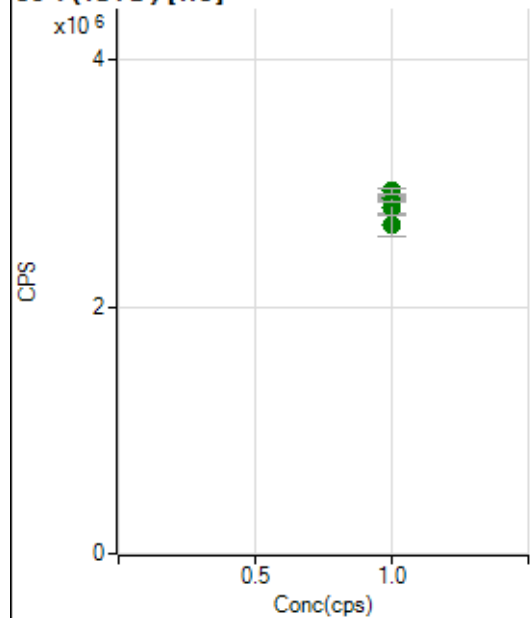
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16110248.09		A	1.0
2	☐	1.000		16154981.29		A	1.2
3	☐	1.000		16230979.34		A	3.8
4	☐	1.000		15837211.99		A	0.8
5	☐	1.000		15859208.93		A	0.5
6	☐	1.000		15882633.10		A	1.1
7	☐	1.000		16267160.87		A	1.1
8	☐	1.000		15169178.38		A	2.5

45 Sc (ISTD) [He]

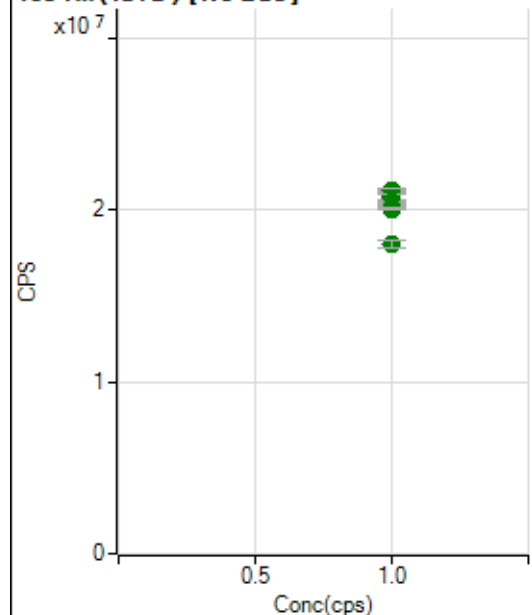
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		414433.90		P	1.5
2	☐	1.000		419971.42		P	0.8
3	☐	1.000		412894.82		P	1.3
4	☐	1.000		413812.83		P	0.4
5	☐	1.000		383078.55		P	5.3
6	☐	1.000		407122.94		P	2.9
7	☐	1.000		419375.63		P	1.0
8	☐	1.000		420696.34		P	1.3

89 Y (ISTD) [No Gas]

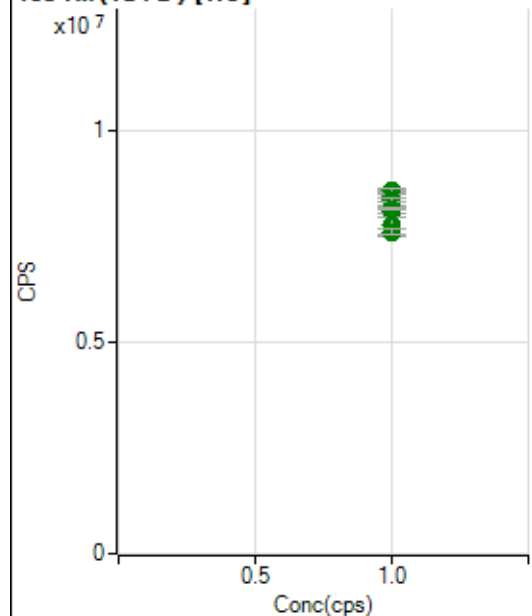
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34008493.38		A	1.0
2	☐	1.000		33822684.50		A	1.3
3	☐	1.000		34392400.60		A	4.2
4	☐	1.000		34210372.27		A	2.4
5	☐	1.000		33445638.39		A	0.8
6	☐	1.000		33562208.11		A	1.8
7	☐	1.000		34271715.88		A	2.4
8	☐	1.000		32548211.18		A	2.0

89 Y (ISTD) [He]

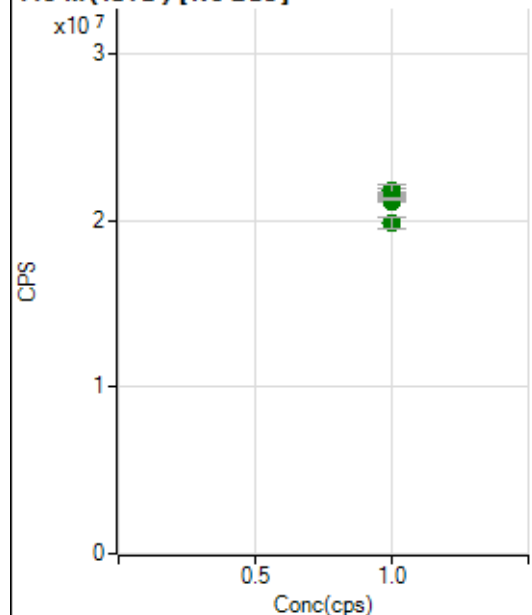
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2885575.06		A	1.2
2	☐	1.000		2904207.84		A	0.5
3	☐	1.000		2896206.55		A	0.9
4	☐	1.000		2861776.31		A	0.5
5	☐	1.000		2666048.34		A	7.2
6	☐	1.000		2801616.34		A	3.8
7	☐	1.000		2877512.63		A	1.2
8	☐	1.000		2940907.56		A	1.6

103 Rh (ISTD) [No Gas]

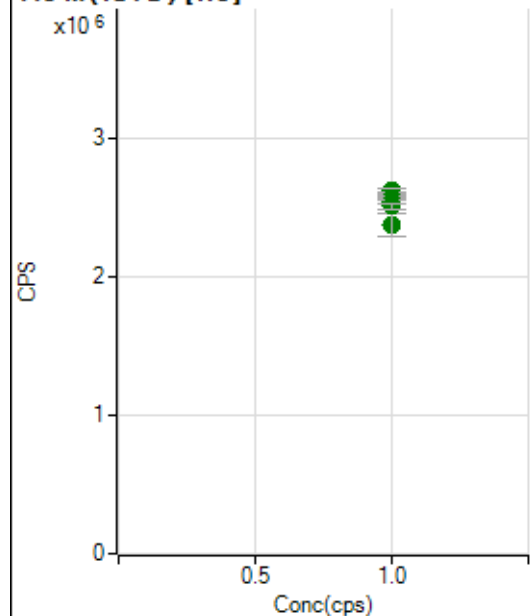
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20846628.07		A	2.5
2	☐	1.000		21068824.78		A	0.2
3	☐	1.000		21095217.14		A	1.7
4	☐	1.000		20639379.28		A	2.6
5	☐	1.000		20410986.74		A	1.0
6	☐	1.000		20165221.63		A	1.0
7	☐	1.000		20058202.88		A	0.6
8	☐	1.000		17988054.05		A	2.6

103 Rh (ISTD) [He]

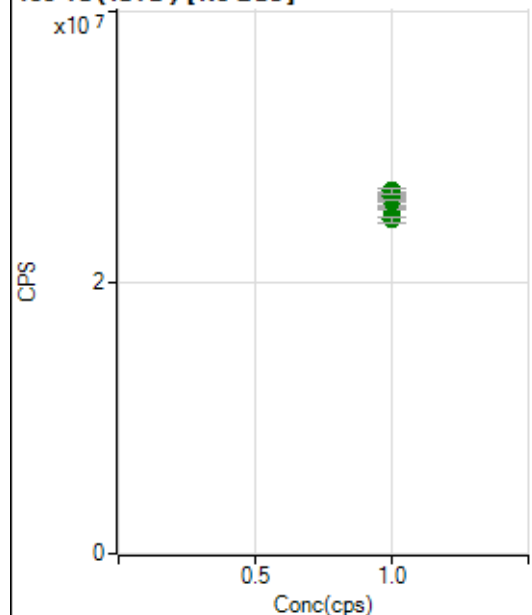
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8477454.39		A	1.6
2	☐	1.000		8508854.46		A	2.2
3	☐	1.000		8583918.21		A	1.6
4	☐	1.000		8364683.69		A	1.0
5	☐	1.000		7786957.11		A	6.7
6	☐	1.000		8098273.63		A	3.4
7	☐	1.000		8154066.82		A	0.8
8	☐	1.000		7613428.50		A	1.5

115 In (ISTD) [No Gas]

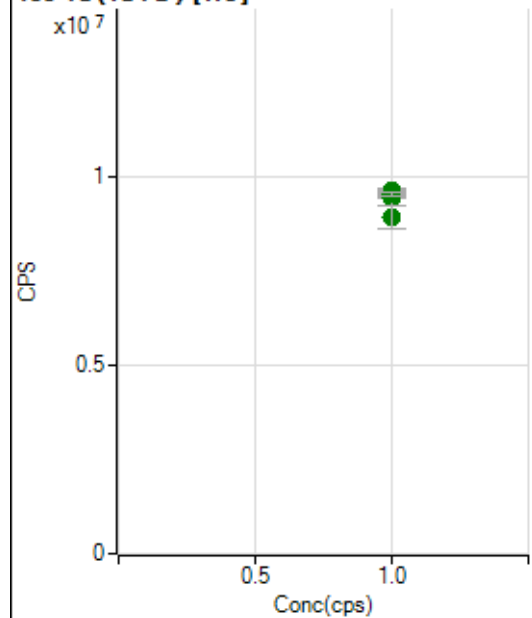
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21660793.41		A	0.3
2	☐	1.000		21757640.91		A	1.1
3	☐	1.000		21769327.86		A	3.3
4	☐	1.000		21755045.92		A	3.1
5	☐	1.000		21115473.79		A	0.5
6	☐	1.000		21280651.01		A	1.3
7	☐	1.000		21267926.35		A	0.6
8	☐	1.000		19851198.73		A	4.0

115 In (ISTD) [He]

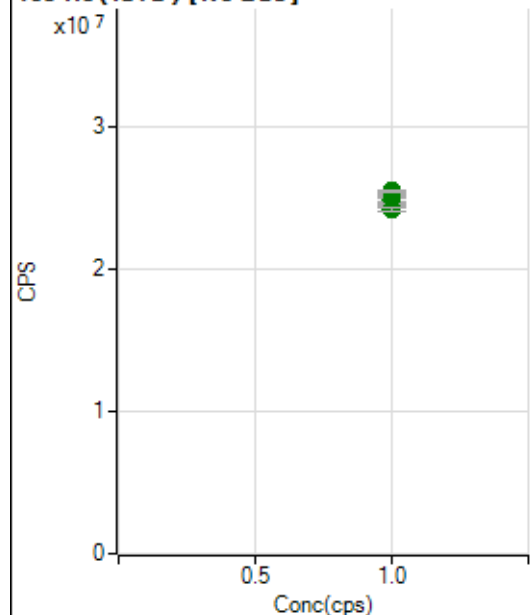
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2574157.47		A	1.5
2	☐	1.000		2605551.65		A	2.2
3	☐	1.000		2615314.85		A	1.0
4	☐	1.000		2566518.36		A	0.9
5	☐	1.000		2371872.38		A	7.1
6	☐	1.000		2521442.59		A	3.1
7	☐	1.000		2532684.87		A	0.9
8	☐	1.000		2506904.43		A	1.8

159 Tb (ISTD) [No Gas]

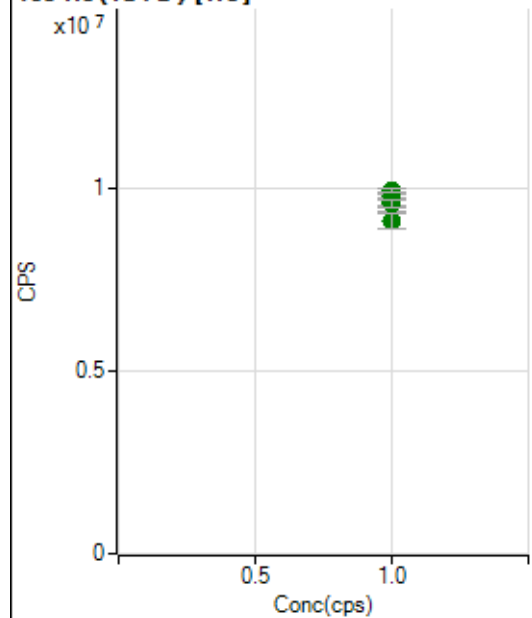
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25385773.79		A	0.4
2	☐	1.000		26022851.84		A	3.6
3	☐	1.000		25993332.39		A	2.9
4	☐	1.000		26113816.56		A	1.1
5	☐	1.000		26089506.83		A	1.6
6	☐	1.000		26382309.61		A	1.8
7	☐	1.000		26751099.32		A	1.9
8	☐	1.000		24641170.47		A	1.8

159 Tb (ISTD) [He]

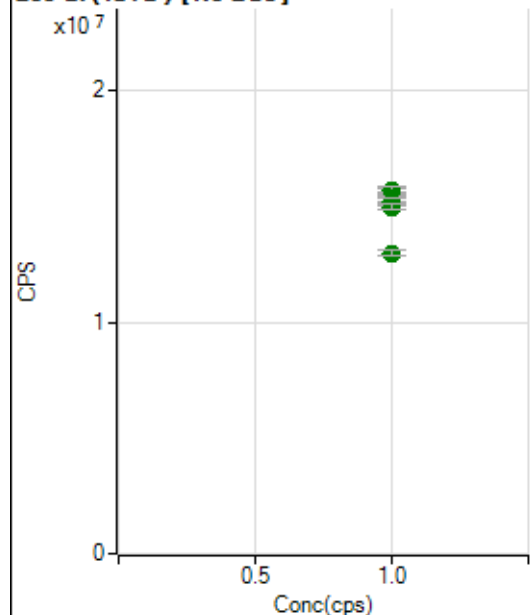
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9482890.00		A	0.6
2	☐	1.000		9507543.96		A	2.1
3	☐	1.000		9597539.72		A	0.8
4	☐	1.000		9550580.06		A	0.6
5	☐	1.000		8910542.16		A	6.9
6	☐	1.000		9438296.66		A	4.7
7	☐	1.000		9616542.63		A	0.1
8	☐	1.000		9529344.79		A	1.4

165 Ho (ISTD) [No Gas]

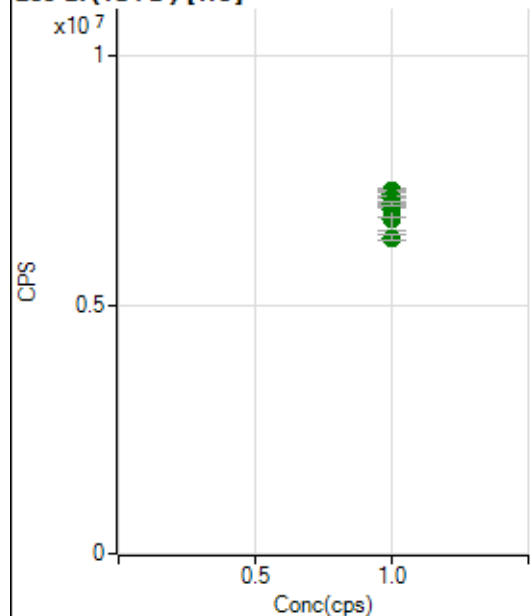
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24658070.86		A	3.0
2	☐	1.000		24398336.14		A	0.5
3	☐	1.000		25162732.85		A	2.9
4	☐	1.000		25145440.67		A	1.0
5	☐	1.000		24913524.69		A	2.5
6	☐	1.000		25363489.11		A	0.8
7	☐	1.000		25522957.86		A	0.4
8	☐	1.000		24221214.08		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9589720.20		A	2.2
2	☐	1.000		9624132.98		A	2.3
3	☐	1.000		9785032.91		A	1.0
4	☐	1.000		9633510.34		A	1.9
5	☐	1.000		9104569.66		A	4.3
6	☐	1.000		9626626.59		A	4.9
7	☐	1.000		9933396.93		A	1.0
8	☐	1.000		9564617.43		A	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15170650.47		A	2.0
2	☐	1.000		15568467.82		A	0.6
3	☐	1.000		15669214.07		A	0.9
4	☐	1.000		15657135.18		A	2.6
5	☐	1.000		15328127.69		A	2.0
6	☐	1.000		15191992.97		A	1.8
7	☐	1.000		14972396.58		A	1.5
8	☐	1.000		12973751.48		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7226746.56		A	1.5
2	☐	1.000		7296110.86		A	1.1
3	☐	1.000		7296321.21		A	0.7
4	☐	1.000		7141501.49		A	1.3
5	☐	1.000		6727614.83		A	6.4
6	☐	1.000		6912855.87		A	4.1
7	☐	1.000		7036794.55		A	0.8
8	☐	1.000		6360904.07		A	2.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8082721MS.b
Acq. Date-Time 2021-08-27 11:52:32
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		24575	245751.91			0.641	5.000
24		173745	1737452.04			0.924	5.000
25		23471	234714.35			0.668	5.000
26		27126	271259.79			0.605	5.000
59		45683	456832.30			0.455	5.000
113		21176	211760.36			0.276	5.000
115		62952	629517.75			0.922	5.000
206		27197	271974.03			1.228	5.000
207		22765	227650.02			1.565	5.000
208		56633	566328.66			1.428	5.000
220		0	2.30			19.444	

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

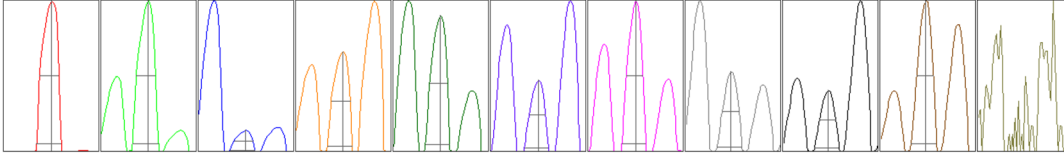
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	24789	24605	24502	24618	24362
24	175458	174081	174894	172792	171502
25	23638	23402	23642	23322	23353
26	27408	27059	27053	27120	26991
59	45625	45435	46008	45706	45642
113	21140	21197	21190	21253	21100
115	62845	62278	63213	63794	62629
206	26822	26897	27464	27576	27228
207	22337	22419	23051	23046	22974
208	55771	55751	57093	57445	57105

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	43623.93	9.05	8.90 - 9.10	
24	305619.48	24.00	23.90 - 24.10	
25	41633.49	25.00	24.90 - 25.10	
26	47772.65	26.00	25.90 - 26.10	
59	85158.46	59.00	58.90 - 59.10	
113	42460.47	113.05	112.90 - 113.10	
115	125939.53	115.05	114.90 - 115.10	
206	52544.84	205.95	205.90 - 206.10	
207	44109.99	206.95	206.90 - 207.10	
208	109227.94	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.778	0.900	
24	0.60	0.824	0.900	
25	0.60	0.785	0.900	
26	0.60	0.783	0.900	
59	0.56	0.772	0.900	
113	0.51	0.765	0.900	
115	0.52	0.764	0.900	
206	0.53	0.784	0.900	
207	0.52	0.782	0.900	
208	0.52	0.810	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.5 V	Deflect	15.0 V
Extract 2	-180.0 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	170 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

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

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8999	89994.27			2.095	
89		32680	326796.36			2.065	
205		24671	246712.07			2.173	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8864	8861	9113	9278	8880
89	32226	32386	32677	33845	32264
205	24807	24311	24639	25495	24104

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.5 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-180.0 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	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:01:14	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	-0.45	0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Boron	11-1	-0.07	0.08	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-1.45	0.33	1.12	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.08	0.04	0.00	N/A	ppb
Calcium	43-1	-1.19	0.87	0.32	0.00	N/A	ppb
Calcium	44-1	0.21	0.35	-0.55	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.09	0.50	-0.42	0.00	N/A	ppb
Iron	56-2	-0.04	0.00	0.04	0.00	N/A	ppb
Iron	57-2	0.21	-0.22	0.01	0.00	N/A	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:01:14	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.19	0.28	-0.09	0.00	N/A	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	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	0.00	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	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	4.13	5.01	-10.56	-0.47		ppb
Potassium	39-2	-0.03	0.43	-0.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.06	0.06	0.00	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	-0.48	0.34	0.00	N/A	ppb
Silicon	28-1	0.43	-0.37	-0.06	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.21	0.32	-0.53	0.00	N/A	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	116.45	-23.84	-65.49	9.04	1054.47	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:01:14	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.03	0.03	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:04:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	21.64	20.78	21.03	2.56	ppb
Antimony	121-1	2.03	2.14	2.13	2.10	2.93	ppb
Arsenic	75-2	1.02	1.07	0.88	0.99	10.06	ppb
Barium	135-1	9.72	10.53	10.24	10.16	4.03	ppb
Barium	137-1	10.12	10.55	10.29	10.32	2.09	ppb
Beryllium	9-1	1.06	1.10	1.09	1.08	1.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	19.95	23.66	26.09	23.23	13.31	ppb
Boron	11-1	22.78	25.44	27.81	25.34	9.93	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.17	1.18	1.16	2.14	ppb
Cadmium	106-1	0.20	-0.71	0.36	-0.05		ppb
Cadmium	108-1	1.20	1.47	1.17	1.28	12.88	ppb
Calcium	43-1	470.07	473.63	481.82	475.17	1.27	ppb
Calcium	44-1	467.08	468.50	485.98	473.85	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.09	1.96	2.06	4.07	ppb
Cobalt	59-2	1.01	1.01	1.00	1.01	0.61	ppb
Copper	63-2	2.05	2.06	1.99	2.03	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	55.21	57.47	55.69	56.12	2.12	ppb
Iron	56-2	53.56	52.23	52.63	52.81	1.30	ppb
Iron	57-2	51.88	55.48	50.13	52.50	5.20	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:04:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.94	0.98	0.94	3.70	ppb
Lead	207-1	0.94	0.92	0.85	0.90	5.34	ppb
Lead	208-1	0.94	0.95	0.97	0.95	1.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	532.64	521.51	525.19	526.45	1.08	ppb
Manganese	55-2	1.04	1.08	0.93	1.02	7.70	ppb
Molybdenum	94-1	5.03	5.08	5.23	5.11	1.97	ppb
Molybdenum	95-1	4.96	4.94	5.19	5.03	2.81	ppb
Molybdenum	96-1	4.97	4.99	5.19	5.05	2.39	ppb
Molybdenum	97-1	5.06	5.34	5.37	5.26	3.23	ppb
Molybdenum	98-1	4.94	5.10	5.11	5.05	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.15	1.11	1.11	3.48	ppb
Phosphorus	31-2	11.44	-11.29	1.26	0.47	2407.19	ppb
Potassium	39-2	500.07	494.40	477.30	490.59	2.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.28	5.04	5.81	5.38	7.32	ppb
Selenium	77-2	5.47	0.68	6.12	4.09	72.72	ppb
Selenium	78-2	4.70	5.79	6.12	5.54	13.37	ppb
Silicon	28-1	8.15	8.41	9.42	8.66	7.78	ppb
Silver	107-1	0.91	1.11	1.06	1.03	10.29	ppb
Silver	109-1	1.02	1.02	1.03	1.02	0.72	ppb
Sodium	23-2	537.87	518.22	528.79	528.30	1.86	ppb
Strontium	86-1	1.03	1.13	1.05	1.07	4.91	ppb
Strontium	88-1	1.12	1.15	1.13	1.13	1.25	ppb
Sulfur	34-1	-21.00	-149.38	143.26	-9.04		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.92	0.95	0.95	0.94	1.54	ppb
Thallium	205-1	0.94	0.96	0.97	0.96	1.61	ppb
Tin	118-1	5.08	5.29	5.12	5.16	2.17	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:04:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.19	5.30	5.01	5.17	2.82	ppb
Uranium	238-1	0.88	0.88	0.94	0.90	3.63	ppb
Vanadium	51-2	5.07	5.08	5.23	5.13	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.34	2.14	2.47	2.31	7.20	ppb
Zirconium	90-1	1.01	1.00	0.97	0.99	2.20	ppb
Zirconium	91-1	0.93	1.02	0.94	0.97	4.95	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:07:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.11	1011.91	1027.75	1019.92	0.78	ppb
Antimony	121-1	51.69	51.64	53.99	52.44	2.56	ppb
Arsenic	75-2	50.40	50.57	51.02	50.66	0.63	ppb
Barium	135-1	251.24	255.83	264.82	257.30	2.68	ppb
Barium	137-1	256.14	258.77	269.62	261.51	2.73	ppb
Beryllium	9-1	49.79	49.98	54.21	51.33	4.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	43.55	46.32	52.54	47.47	9.70	ppb
Boron	11-1	46.69	49.77	56.27	50.91	9.61	ppb
Bromine	81-1						cps
Cadmium	111-1	53.34	54.15	56.46	54.65	2.96	ppb
Cadmium	106-1	52.00	50.28	55.12	52.47	4.68	ppb
Cadmium	108-1	54.71	53.50	56.12	54.78	2.39	ppb
Calcium	43-1	4878.30	4870.23	5284.87	5011.14	4.73	ppb
Calcium	44-1	4833.64	4850.44	5109.39	4931.16	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.97	49.96	50.75	50.56	1.05	ppb
Cobalt	59-2	51.92	50.18	50.92	51.00	1.71	ppb
Copper	63-2	542.43	526.76	529.83	533.01	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2672.50	2662.42	2699.76	2678.23	0.72	ppb
Iron	56-2	2670.66	2646.77	2675.78	2664.40	0.58	ppb
Iron	57-2	2648.46	2626.34	2633.71	2636.17	0.43	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	244.38	252.17	257.29	251.28	2.59	ppb
Lead	207-1	242.14	249.03	258.52	249.89	3.29	ppb
Lead	208-1	243.76	252.72	260.73	252.40	3.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	5454.48	5423.74	5424.51	5434.24	0.32	ppb
Manganese	55-2	507.16	507.03	512.80	509.00	0.65	ppb
Molybdenum	94-1	242.91	253.80	263.75	253.49	4.11	ppb
Molybdenum	95-1	245.38	254.02	262.32	253.90	3.34	ppb
Molybdenum	96-1	243.27	259.12	269.54	257.31	5.14	ppb
Molybdenum	97-1	247.38	254.11	268.57	256.69	4.22	ppb
Molybdenum	98-1	242.42	252.37	264.77	253.18	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.64	50.54	52.45	51.54	1.86	ppb
Phosphorus	31-2	980.44	947.83	974.02	967.43	1.79	ppb
Potassium	39-2	2557.45	2530.19	2561.47	2549.70	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	49.22	53.09	55.80	52.71	6.28	ppb
Selenium	77-2	50.83	47.67	47.54	48.68	3.83	ppb
Selenium	78-2	54.04	50.66	51.28	51.99	3.46	ppb
Silicon	28-1	58.16	60.69	50.92	56.59	8.96	ppb
Silver	107-1	53.48	53.06	56.80	54.45	3.76	ppb
Silver	109-1	53.08	53.56	56.38	54.34	3.29	ppb
Sodium	23-2	5330.47	5344.43	5438.69	5371.20	1.10	ppb
Strontium	86-1	495.17	518.26	539.34	517.59	4.27	ppb
Strontium	88-1	493.10	508.72	533.23	511.68	3.95	ppb
Sulfur	34-1	899.21	910.05	1600.30	1136.52	35.34	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	46.66	47.89	49.56	48.04	3.03	ppb
Thallium	205-1	46.94	49.08	49.97	48.66	3.20	ppb
Tin	118-1	52.71	51.91	55.04	53.22	3.05	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:07:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	248.80	254.62	267.02	256.81	3.62	ppb
Uranium	238-1	45.45	46.36	48.69	46.83	3.56	ppb
Vanadium	51-2	50.55	49.86	51.40	50.60	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	524.29	517.57	524.24	522.03	0.74	ppb
Zirconium	90-1	47.95	50.09	51.91	49.98	3.96	ppb
Zirconium	91-1	46.37	49.46	51.68	49.17	5.43	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:10:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2585.60	2524.98	2477.00	2529.20	2.15	ppb
Antimony	121-1	127.60	133.95	130.97	130.84	2.43	ppb
Arsenic	75-2	126.31	125.32	125.88	125.84	0.39	ppb
Barium	135-1	643.77	670.94	655.20	656.63	2.08	ppb
Barium	137-1	653.22	664.86	655.26	657.78	0.94	ppb
Beryllium	9-1	126.08	134.91	129.12	130.04	3.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	113.07	129.81	126.92	123.26	7.26	ppb
Boron	11-1	123.15	139.97	137.61	133.58	6.82	ppb
Bromine	81-1						cps
Cadmium	111-1	133.33	136.48	132.82	134.21	1.48	ppb
Cadmium	106-1	130.83	137.60	132.04	133.49	2.71	ppb
Cadmium	108-1	131.80	135.03	135.77	134.20	1.58	ppb
Calcium	43-1	12569.66	12819.23	12726.95	12705.28	0.99	ppb
Calcium	44-1	12048.50	12548.01	12270.84	12289.12	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.23	123.02	123.77	124.34	1.35	ppb
Cobalt	59-2	129.13	126.18	126.15	127.15	1.34	ppb
Copper	63-2	1286.83	1278.54	1287.19	1284.19	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	6677.28	6695.62	6630.53	6667.81	0.50	ppb
Iron	56-2	6588.69	6515.48	6531.33	6545.17	0.59	ppb
Iron	57-2	6472.36	6484.26	6452.84	6469.82	0.25	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:10:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	608.44	644.42	615.41	622.76	3.06	ppb
Lead	207-1	602.12	637.17	623.42	620.90	2.84	ppb
Lead	208-1	607.82	641.74	622.39	623.98	2.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	13718.59	13412.51	13105.39	13412.16	2.29	ppb
Manganese	55-2	1281.68	1269.52	1298.94	1283.38	1.15	ppb
Molybdenum	94-1	615.41	639.99	632.05	629.15	1.99	ppb
Molybdenum	95-1	622.63	648.70	618.74	630.03	2.59	ppb
Molybdenum	96-1	621.87	658.26	623.58	634.57	3.24	ppb
Molybdenum	97-1	616.25	648.70	643.84	636.26	2.75	ppb
Molybdenum	98-1	609.11	638.57	621.50	623.06	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.02	126.87	126.06	126.65	0.41	ppb
Phosphorus	31-2	2612.68	2593.33	2610.15	2605.39	0.40	ppb
Potassium	39-2	6328.86	6200.54	6251.73	6260.38	1.03	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	127.39	133.48	128.91	129.93	2.44	ppb
Selenium	77-2	145.34	118.09	122.08	128.50	11.46	ppb
Selenium	78-2	129.71	127.14	129.71	128.85	1.15	ppb
Silicon	28-1	109.39	121.62	125.57	118.86	7.10	ppb
Silver	107-1	135.91	140.66	136.74	137.77	1.84	ppb
Silver	109-1	129.74	134.18	136.89	133.60	2.70	ppb
Sodium	23-2	13463.88	12913.13	12789.85	13055.62	2.75	ppb
Strontium	86-1	1254.45	1292.28	1250.32	1265.68	1.83	ppb
Strontium	88-1	1273.93	1319.07	1253.26	1282.09	2.63	ppb
Sulfur	34-1	2945.13	3184.42	3000.02	3043.19	4.12	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	116.78	125.03	119.13	120.31	3.53	ppb
Thallium	205-1	122.68	128.66	125.49	125.61	2.38	ppb
Tin	118-1	129.20	131.22	130.18	130.20	0.77	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:10:29	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	645.61	668.37	647.41	653.80	1.94	ppb
Uranium	238-1	119.59	124.88	120.08	121.52	2.41	ppb
Vanadium	51-2	125.18	125.81	125.77	125.59	0.28	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	1285.91	1295.63	1281.45	1287.66	0.56	ppb
Zirconium	90-1	126.75	133.42	125.83	128.67	3.22	ppb
Zirconium	91-1	122.61	131.28	122.88	125.59	3.92	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5655.99	5148.72	5210.02	5338.24	5.19	ppb
Antimony	121-1	262.35	249.13	258.79	256.76	2.66	ppb
Arsenic	75-2	288.46	252.55	253.96	264.99	7.67	ppb
Barium	135-1	1311.53	1265.19	1243.87	1273.53	2.72	ppb
Barium	137-1	1288.02	1256.77	1249.84	1264.87	1.61	ppb
Beryllium	9-1	264.42	254.80	252.89	257.37	2.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	242.77	243.28	261.54	249.19	4.29	ppb
Boron	11-1	263.73	266.85	274.39	268.32	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	263.51	258.36	264.43	262.10	1.25	ppb
Cadmium	106-1	256.19	256.09	265.54	259.27	2.09	ppb
Cadmium	108-1	266.29	257.60	262.51	262.13	1.66	ppb
Calcium	43-1	25037.35	24991.81	25358.52	25129.23	0.80	ppb
Calcium	44-1	24145.75	24383.49	24204.76	24244.67	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	278.01	251.93	254.62	261.52	5.48	ppb
Cobalt	59-2	286.27	258.82	262.11	269.07	5.57	ppb
Copper	63-2	2914.40	2581.38	2669.72	2721.83	6.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	15289.52	13977.49	13422.41	14229.80	6.74	ppb
Iron	56-2	14767.29	13289.72	13461.59	13839.54	5.84	ppb
Iron	57-2	14594.82	13328.76	13421.20	13781.60	5.12	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1238.56	1209.92	1246.91	1231.79	1.58	ppb
Lead	207-1	1238.74	1211.20	1277.46	1242.47	2.68	ppb
Lead	208-1	1247.19	1223.00	1260.53	1243.57	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	29606.19	26878.60	27419.20	27967.99	5.16	ppb
Manganese	55-2	2917.68	2565.23	2538.63	2673.85	7.91	ppb
Molybdenum	94-1	1277.48	1269.97	1289.67	1279.04	0.78	ppb
Molybdenum	95-1	1254.37	1254.09	1262.87	1257.11	0.40	ppb
Molybdenum	96-1	1252.33	1253.52	1278.32	1261.39	1.16	ppb
Molybdenum	97-1	1278.70	1274.11	1291.01	1281.27	0.68	ppb
Molybdenum	98-1	1269.88	1248.06	1253.04	1256.99	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	282.59	261.14	257.30	267.01	5.10	ppb
Phosphorus	31-2	5435.37	4985.31	4876.14	5098.94	5.81	ppb
Potassium	39-2	14197.23	12897.17	12868.99	13321.13	5.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	261.03	260.20	264.31	261.84	0.83	ppb
Selenium	77-2	291.81	257.03	269.16	272.67	6.47	ppb
Selenium	78-2	289.01	263.53	256.06	269.53	6.41	ppb
Silicon	28-1	228.82	242.97	255.03	242.27	5.41	ppb
Silver	107-1	267.43	258.79	272.76	266.33	2.65	ppb
Silver	109-1	270.84	264.21	260.62	265.23	1.95	ppb
Sodium	23-2	29208.57	26567.64	26940.44	27572.22	5.18	ppb
Strontium	86-1	2527.15	2543.56	2564.02	2544.91	0.73	ppb
Strontium	88-1	2549.04	2532.23	2554.28	2545.18	0.45	ppb
Sulfur	34-1	6296.96	5844.15	6223.73	6121.61	3.97	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	251.36	244.67	249.09	248.38	1.37	ppb
Thallium	205-1	247.74	247.20	244.33	246.42	0.74	ppb
Tin	118-1	255.14	251.00	252.48	252.87	0.83	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:13:33	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1286.40	1267.93	1246.96	1267.10	1.56	ppb
Uranium	238-1	238.40	244.99	244.39	242.59	1.50	ppb
Vanadium	51-2	283.24	254.37	259.21	265.60	5.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	2854.36	2616.48	2623.06	2697.97	5.02	ppb
Zirconium	90-1	251.85	247.15	257.35	252.12	2.02	ppb
Zirconium	91-1	250.62	245.65	255.46	250.58	1.96	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10026.92	9852.29	10414.90	10098.04	2.85	ppb
Antimony	121-1	501.97	511.60	538.35	517.31	3.64	ppb
Arsenic	75-2	499.26	501.83	533.67	511.59	3.75	ppb
Barium	135-1	2496.77	2508.24	2555.57	2520.19	1.24	ppb
Barium	137-1	2499.46	2532.85	2540.63	2524.31	0.87	ppb
Beryllium	9-1	515.68	506.87	512.93	511.83	0.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	468.23	490.60	503.88	487.57	3.70	ppb
Boron	11-1	476.37	494.27	502.52	491.05	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	500.72	515.74	529.91	515.46	2.83	ppb
Cadmium	106-1	494.61	510.42	531.19	512.07	3.58	ppb
Cadmium	108-1	493.51	507.49	525.22	508.74	3.12	ppb
Calcium	43-1	51440.92	51474.10	48559.82	50491.61	3.31	ppb
Calcium	44-1	49101.12	47563.85	47983.45	48216.14	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.06	499.26	517.80	511.04	2.00	ppb
Cobalt	59-2	517.01	512.38	532.33	520.57	2.01	ppb
Copper	63-2	5030.94	5094.14	5257.54	5127.54	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	27197.34	26996.44	28253.33	27482.37	2.46	ppb
Iron	56-2	25989.02	25789.78	27062.43	26280.41	2.60	ppb
Iron	57-2	27076.97	26241.49	28126.94	27148.46	3.48	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.45	2431.63	2559.18	2497.75	2.56	ppb
Lead	207-1	2472.78	2405.60	2552.94	2477.11	2.98	ppb
Lead	208-1	2482.85	2444.41	2524.92	2484.06	1.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	53040.72	52548.18	53765.09	53117.99	1.15	ppb
Manganese	55-2	5075.79	4976.11	5280.52	5110.81	3.04	ppb
Molybdenum	94-1	2510.16	2594.80	2542.79	2549.25	1.67	ppb
Molybdenum	95-1	2512.56	2600.79	2534.86	2549.40	1.80	ppb
Molybdenum	96-1	2495.10	2581.44	2533.37	2536.64	1.71	ppb
Molybdenum	97-1	2500.42	2617.03	2499.90	2539.12	2.66	ppb
Molybdenum	98-1	2490.10	2603.09	2482.83	2525.34	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.90	486.76	512.16	499.61	2.54	ppb
Phosphorus	31-2	10179.46	10065.80	10238.71	10161.32	0.86	ppb
Potassium	39-2	24635.51	24605.54	26122.08	25121.04	3.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	507.95	523.43	513.41	514.93	1.52	ppb
Selenium	77-2	490.44	522.09	522.28	511.60	3.58	ppb
Selenium	78-2	484.12	502.65	537.99	508.25	5.39	ppb
Silicon	28-1	497.88	523.15	543.99	521.67	4.43	ppb
Silver	107-1	492.05	504.26	525.34	507.22	3.32	ppb
Silver	109-1	507.51	509.83	522.85	513.40	1.61	ppb
Sodium	23-2	51514.65	51895.74	52612.23	52007.54	1.07	ppb
Strontium	86-1	5016.47	5238.82	4961.73	5072.34	2.89	ppb
Strontium	88-1	5030.54	5226.04	4973.94	5076.84	2.61	ppb
Sulfur	34-1	10207.66	9813.71	9428.33	9816.57	3.97	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	492.88	487.83	517.44	499.38	3.17	ppb
Thallium	205-1	490.26	482.52	504.39	492.39	2.25	ppb
Tin	118-1	488.27	506.79	539.41	511.49	5.06	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2532.84	2480.94	2530.55	2514.78	1.17	ppb
Uranium	238-1	477.53	486.83	500.49	488.28	2.36	ppb
Vanadium	51-2	502.26	497.34	525.77	508.45	2.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5117.62	5007.25	5379.47	5168.11	3.70	ppb
Zirconium	90-1	498.54	510.97	507.39	505.63	1.26	ppb
Zirconium	91-1	504.06	530.73	510.01	514.93	2.72	ppb

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:19:42 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19897.81	20000.10	19314.62	19737.51	1.87	ppb
Antimony	121-1	997.61	999.67	969.14	988.80	1.73	ppb
Arsenic	75-2	1000.49	984.65	985.81	990.32	0.89	ppb
Barium	135-1	4969.27	5077.78	4892.06	4979.70	1.87	ppb
Barium	137-1	4985.55	5026.45	4926.36	4979.45	1.01	ppb
Beryllium	9-1	993.31	973.39	1007.95	991.55	1.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	980.68	995.52	1044.21	1006.80	3.30	ppb
Boron	11-1	971.79	967.51	1056.99	998.77	5.05	ppb
Bromine	81-1						cps
Cadmium	111-1	991.09	999.79	972.70	987.86	1.40	ppb
Cadmium	106-1	985.95	1016.36	969.07	990.46	2.42	ppb
Cadmium	108-1	991.02	1001.98	980.63	991.21	1.08	ppb
Calcium	43-1	98819.46	100706.75	97376.31	98967.51	1.69	ppb
Calcium	44-1	96986.67	94472.65	94737.49	95398.94	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.14	996.37	991.45	991.65	0.47	ppb
Cobalt	59-2	996.88	969.99	987.01	984.63	1.38	ppb
Copper	63-2	10015.47	9928.41	9680.67	9874.85	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	52540.64	52255.61	51991.06	52262.44	0.53	ppb
Iron	56-2	51797.43	49847.17	50896.06	50846.89	1.92	ppb
Iron	57-2	53656.25	51037.19	51272.36	51988.60	2.79	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:19:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4944.46	5042.45	5030.77	5005.89	1.07	ppb
Lead	207-1	4904.65	5110.27	5026.62	5013.85	2.06	ppb
Lead	208-1	4918.79	5061.76	5048.19	5009.58	1.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	102166.94	101297.40	99455.44	100973.26	1.37	ppb
Manganese	55-2	10004.46	9797.99	9887.08	9896.51	1.05	ppb
Molybdenum	94-1	4996.98	4824.95	5080.35	4967.42	2.62	ppb
Molybdenum	95-1	5023.66	4859.13	5035.30	4972.70	1.98	ppb
Molybdenum	96-1	5027.77	4823.18	5080.86	4977.27	2.73	ppb
Molybdenum	97-1	5032.14	4725.96	5154.55	4970.88	4.44	ppb
Molybdenum	98-1	5098.37	4793.24	5065.39	4985.67	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.43	992.56	997.99	995.66	0.28	ppb
Phosphorus	31-2	20300.26	19598.82	19750.09	19883.06	1.86	ppb
Potassium	39-2	48708.32	48412.85	48982.52	48701.23	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	997.24	956.58	1012.64	988.82	2.93	ppb
Selenium	77-2	978.95	982.30	1003.25	988.16	1.33	ppb
Selenium	78-2	993.41	973.55	1004.25	990.41	1.57	ppb
Silicon	28-1	952.37	1002.96	1019.31	991.55	3.52	ppb
Silver	107-1	972.78	1017.58	981.11	990.49	2.41	ppb
Silver	109-1	994.20	1013.02	957.39	988.20	2.86	ppb
Sodium	23-2	103180.24	102967.63	100058.86	102068.91	1.71	ppb
Strontium	86-1	9949.05	9703.03	10197.21	9949.76	2.48	ppb
Strontium	88-1	10038.41	9749.28	10049.39	9945.69	1.71	ppb
Sulfur	34-1	19693.28	19986.83	19529.66	19736.59	1.17	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	975.52	1027.83	1000.85	1001.40	2.61	ppb
Thallium	205-1	992.39	1010.65	1011.03	1004.69	1.06	ppb
Tin	118-1	1004.97	1012.10	961.10	992.72	2.78	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:19:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5007.17	4924.70	5021.32	4984.40	1.05	ppb
Uranium	238-1	991.47	1025.51	1007.94	1008.30	1.69	ppb
Vanadium	51-2	987.23	998.71	989.37	991.77	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	9980.48	9846.68	9754.76	9860.64	1.15	ppb
Zirconium	90-1	1000.42	969.85	1018.31	996.20	2.46	ppb
Zirconium	91-1	995.08	973.68	1008.31	992.36	1.76	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101039.91	99187.64	99847.00	100024.85	0.94	ppb
Antimony	121-1	1.03	0.97	1.04	1.01	3.49	ppb
Arsenic	75-2	0.32	0.27	0.30	0.30	8.12	ppb
Barium	135-1	1.64	1.75	1.57	1.65	5.48	ppb
Barium	137-1	1.93	1.88	1.53	1.78	12.21	ppb
Beryllium	9-1	0.18	0.13	0.11	0.14	26.14	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	114.49	99.70	94.74	102.98	9.98	ppb
Boron	11-1	122.05	108.47	102.09	110.87	9.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.21	0.23	0.20	15.11	ppb
Cadmium	106-1	-3.00	0.41	-0.54	-1.04		ppb
Cadmium	108-1	1.59	1.25	1.43	1.42	11.97	ppb
Calcium	43-1	508010.71	498145.61	494280.65	500145.66	1.42	ppb
Calcium	44-1	508465.85	497337.20	497624.01	501142.35	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.24	6.29	6.12	6.21	1.41	ppb
Cobalt	59-2	1.52	1.31	1.40	1.41	7.26	ppb
Copper	63-2	3.11	3.01	2.97	3.03	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	54-2	251937.69	250827.45	244836.53	249200.56	1.53	ppb
Iron	56-2	252769.67	248852.48	247257.59	249626.58	1.14	ppb
Iron	57-2	248489.34	251149.77	248310.38	249316.50	0.64	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.06	2.90	2.73	2.90	5.69	ppb
Lead	207-1	3.33	2.88	2.86	3.02	8.73	ppb
Lead	208-1	3.16	2.87	2.80	2.94	6.62	ppb
Lithium	6-1				93		%
Magnesium	24-2	507183.29	495255.31	495515.34	499317.98	1.36	ppb
Manganese	55-2	7.61	7.26	7.15	7.34	3.26	ppb
Molybdenum	94-1	2.17	1.74	1.74	1.88	13.12	ppb
Molybdenum	95-1	2.40	2.10	2.03	2.18	8.97	ppb
Molybdenum	96-1	2.82	2.70	2.35	2.62	9.42	ppb
Molybdenum	97-1	2.45	2.07	1.96	2.16	11.92	ppb
Molybdenum	98-1	2.31	2.13	1.92	2.12	9.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.77	4.46	4.37	4.53	4.65	ppb
Phosphorus	31-2	1.50	-21.19	8.49	-3.73		ppb
Potassium	39-2	252475.57	251361.92	246780.08	250205.85	1.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	82-1	0.17	-0.03	0.03	0.06	173.19	ppb
Selenium	77-2	0.00	0.66	0.00	0.22	173.21	ppb
Selenium	78-2	0.10	0.12	0.56	0.26	99.53	ppb
Silicon	28-1	95.35	95.62	97.22	96.07	1.05	ppb
Silver	107-1	0.39	0.36	0.30	0.35	12.31	ppb
Silver	109-1	0.42	0.36	0.32	0.36	13.89	ppb
Sodium	23-2	500744.29	496730.32	500243.06	499239.22	0.44	ppb
Strontium	86-1	3.53	2.99	2.88	3.13	11.07	ppb
Strontium	88-1	3.63	3.22	2.94	3.26	10.78	ppb
Sulfur	34-1	-1117.44	-1489.60	-1338.57	-1315.20		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.30	0.26	0.30	12.35	ppb
Thallium	205-1	0.33	0.28	0.27	0.29	10.83	ppb
Tin	118-1	0.22	0.24	0.16	0.21	20.14	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.20	1.93	1.87	2.00	8.80	ppb
Uranium	238-1	0.21	0.18	0.17	0.19	12.21	ppb
Vanadium	51-2	0.21	0.23	0.19	0.21	9.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	17.74	17.77	17.65	17.72	0.35	ppb
Zirconium	90-1	0.24	0.23	0.20	0.22	9.34	ppb
Zirconium	91-1	0.22	0.22	0.16	0.20	15.74	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICV027	Instrumnet Name :	P8
Client Sample ID :	ICV027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:45:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.19	497.80	483.02	491.34	1.54	ppb
Antimony	121-1	207.30	204.54	200.31	204.05	1.72	ppb
Arsenic	75-2	200.39	200.95	198.80	200.05	0.56	ppb
Barium	135-1	103.25	102.47	99.31	101.68	2.05	ppb
Barium	137-1	107.18	104.79	102.09	104.69	2.43	ppb
Beryllium	9-1	96.46	101.16	98.83	98.82	2.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	420.57	482.42	492.84	465.27	8.40	ppb
Boron	11-1	440.95	465.79	465.52	457.42	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	109.50	110.98	104.67	108.38	3.04	ppb
Cadmium	106-1	176.20	177.60	167.72	173.84	3.08	ppb
Cadmium	108-1	165.93	161.87	159.04	162.28	2.13	ppb
Calcium	43-1	2165.78	2176.44	2183.37	2175.20	0.41	ppb
Calcium	44-1	2092.88	2078.55	2090.84	2087.42	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.54	98.08	97.78	98.13	0.39	ppb
Cobalt	59-2	102.62	101.52	101.37	101.84	0.67	ppb
Copper	63-2	105.15	104.55	104.03	104.58	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2137.91	2104.45	2131.55	2124.64	0.84	ppb
Iron	56-2	2073.42	2053.41	2000.78	2042.53	1.84	ppb
Iron	57-2	2048.86	2034.70	1979.73	2021.10	1.81	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICV027	Instrumnet Name :	P8
Client Sample ID :	ICV027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:45:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	219.03	218.27	223.23	220.18	1.21	ppb
Lead	207-1	199.33	202.59	203.36	201.76	1.06	ppb
Lead	208-1	215.94	212.67	215.32	214.65	0.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	1214.06	1195.13	1175.86	1195.02	1.60	ppb
Manganese	55-2	97.72	97.55	96.71	97.33	0.56	ppb
Molybdenum	94-1	2409.56	2481.20	2510.67	2467.14	2.11	ppb
Molybdenum	95-1	2414.49	2502.01	2497.15	2471.21	1.99	ppb
Molybdenum	96-1	2405.85	2501.40	2454.36	2453.87	1.95	ppb
Molybdenum	97-1	2419.50	2514.28	2484.79	2472.86	1.96	ppb
Molybdenum	98-1	2381.20	2528.18	2470.12	2459.83	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.71	102.64	101.84	102.40	0.47	ppb
Phosphorus	31-2	-10.32	-6.28	2.14	-4.82		ppb
Potassium	39-2	1978.31	1934.45	1887.03	1933.26	2.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	206.46	212.99	211.79	210.41	1.65	ppb
Selenium	77-2	221.04	206.80	191.35	206.39	7.20	ppb
Selenium	78-2	201.28	207.50	202.64	203.81	1.60	ppb
Silicon	28-1	34.30	42.34	49.05	41.89	17.62	ppb
Silver	107-1	51.57	52.65	51.30	51.84	1.38	ppb
Silver	109-1	52.70	52.51	50.51	51.91	2.34	ppb
Sodium	23-2	2056.89	2035.51	2000.32	2030.91	1.41	ppb
Strontium	86-1	543.29	566.33	568.54	559.39	2.50	ppb
Strontium	88-1	559.13	556.11	546.00	553.75	1.24	ppb
Sulfur	34-1	-980.08	-1162.44	-1080.91	-1074.48		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	219.66	229.80	224.39	224.62	2.26	ppb
Thallium	205-1	219.72	221.03	225.63	222.13	1.40	ppb
Tin	118-1	496.16	490.84	477.07	488.03	2.02	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICV027	Instrumnet Name :	P8
Client Sample ID :	ICV027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:45:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2460.75	2460.22	2477.01	2465.99	0.39	ppb
Uranium	238-1	462.54	461.27	453.90	459.24	1.02	ppb
Vanadium	51-2	98.62	99.55	99.02	99.06	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	204.60	200.77	201.42	202.26	1.01	ppb
Zirconium	90-1	489.92	484.31	486.86	487.03	0.58	ppb
Zirconium	91-1	481.50	500.31	492.82	491.54	1.93	ppb

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICB027 Instrumnet Name : P8
 Client Sample ID : ICB027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:51:51 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.86	0.18	0.47	73.94	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	30.82	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	190.96	ppb
Barium	135-1	0.04	0.06	0.06	0.05	22.91	ppb
Barium	137-1	0.02	0.05	0.05	0.04	43.39	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	67.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	18.16	19.50	18.18	18.61	4.14	ppb
Boron	11-1	19.75	20.38	19.85	19.99	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.10	-0.03	-0.06		ppb
Cadmium	106-1	-3.03	-4.55	-1.18	-2.92		ppb
Cadmium	108-1	-0.09	0.07	0.05	0.01	748.35	ppb
Calcium	43-1	1.24	0.77	0.46	0.82	47.89	ppb
Calcium	44-1	-0.33	0.78	1.08	0.51	146.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.05	0.01	0.02	191.12	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	55.65	ppb
Copper	63-2	0.02	0.03	-0.01	0.01	162.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	0.37	0.26	0.18	0.27	36.51	ppb
Iron	56-2	0.22	0.23	0.14	0.20	24.15	ppb
Iron	57-2	0.51	-0.47	-0.48	-0.15		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICB027	Instrumnet Name :	P8
Client Sample ID :	ICB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:51:51	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	14.84	ppb
Lead	207-1	0.04	0.06	0.06	0.05	16.90	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.41	0.35	0.58	0.44	27.57	ppb
Manganese	55-2	0.03	0.06	0.02	0.04	58.00	ppb
Molybdenum	94-1	0.07	0.10	0.05	0.07	33.96	ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	21.12	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	6.29	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	12.58	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	7.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	75.07	ppb
Phosphorus	31-2	8.35	19.13	-16.69	3.60	510.84	ppb
Potassium	39-2	3.18	5.73	-0.90	2.67	125.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.57	-0.15	-0.26	0.05	833.35	ppb
Selenium	77-2	0.68	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	-0.41	0.37	0.43	0.13	362.35	ppb
Silicon	28-1	-1.68	-0.57	-0.06	-0.77		ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.66	ppb
Silver	109-1	0.01	0.02	0.01	0.01	31.90	ppb
Sodium	23-2	14.39	10.66	13.33	12.79	15.03	ppb
Strontium	86-1	-0.02	0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	34.92	ppb
Sulfur	34-1	-978.59	-600.90	-680.82	-753.44		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.03	0.03	18.31	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	22.80	ppb
Tin	118-1	0.02	-0.03	0.04	0.01	321.72	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICB027	Instrumnet Name :	P8
Client Sample ID :	ICB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:51:51	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.03	0.04	0.05	31.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.11	0.02	-0.01	0.04	156.25	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	43.06	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	460.79	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSA027	Instrumnet Name :	P8
Client Sample ID :	ICSA027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:54:52	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91092.29	94476.18	93436.94	93001.80	1.86	ppb
Antimony	121-1	1.23	1.15	1.20	1.19	3.33	ppb
Arsenic	75-2	0.25	0.29	0.33	0.29	13.75	ppb
Barium	135-1	1.37	1.39	1.32	1.36	2.63	ppb
Barium	137-1	1.39	1.46	1.46	1.44	2.98	ppb
Beryllium	9-1	0.30	0.29	0.24	0.28	10.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	14.67	13.68	13.49	13.95	4.54	ppb
Boron	11-1	15.67	15.01	14.36	15.01	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.51	0.49	0.51	5.00	ppb
Cadmium	106-1	-4.15	-4.88	-5.93	-4.98		ppb
Cadmium	108-1	15.21	14.72	12.95	14.29	8.34	ppb
Calcium	43-1	93226.27	92895.20	87145.71	91089.06	3.75	ppb
Calcium	44-1	91999.07	93741.02	87513.95	91084.68	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.99	19.65	19.27	19.30	1.71	ppb
Cobalt	59-2	1.17	1.15	1.18	1.16	1.09	ppb
Copper	63-2	7.27	7.28	7.55	7.37	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	99440.16	103673.88	104164.73	102426.26	2.54	ppb
Iron	56-2	102340.42	102017.63	100775.46	101711.17	0.81	ppb
Iron	57-2	100077.82	101124.40	103152.94	101451.72	1.54	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSA027	Instrumnet Name :	P8
Client Sample ID :	ICSA027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:54:52	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.65	4.81	4.55	4.67	2.80	ppb
Lead	207-1	4.28	4.28	4.00	4.18	3.91	ppb
Lead	208-1	4.46	4.48	4.26	4.40	2.75	ppb
Lithium	6-1				97		%
Magnesium	24-2	95492.03	98932.15	94926.72	96450.30	2.25	ppb
Manganese	55-2	7.31	7.40	7.14	7.28	1.77	ppb
Molybdenum	94-1	1340.92	1300.37	1304.62	1315.30	1.69	ppb
Molybdenum	95-1	1907.99	1837.19	1843.91	1863.03	2.10	ppb
Molybdenum	96-1	1837.16	1785.38	1807.47	1810.00	1.44	ppb
Molybdenum	97-1	1965.78	1894.97	1866.99	1909.25	2.67	ppb
Molybdenum	98-1	1943.93	1826.24	1844.71	1871.63	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.13	5.18	5.24	5.19	1.04	ppb
Phosphorus	31-2	94923.17	96462.50	98042.28	96475.98	1.62	ppb
Potassium	39-2	93735.99	94995.39	95309.34	94680.24	0.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.05	0.07	-0.40	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	0.15	0.20	0.11	105.71	ppb
Silicon	28-1	21.28	21.89	19.11	20.76	7.02	ppb
Silver	107-1	0.07	0.05	0.05	0.06	12.65	ppb
Silver	109-1	0.05	0.05	0.04	0.05	8.91	ppb
Sodium	23-2	99117.66	101990.30	100242.39	100450.12	1.44	ppb
Strontium	86-1	34.75	33.09	32.31	33.38	3.73	ppb
Strontium	88-1	35.10	33.70	33.82	34.21	2.27	ppb
Sulfur	34-1	104789.57	102984.29	97675.26	101816.37	3.63	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.09	0.09	0.08	11.42	ppb
Thallium	205-1	0.06	0.08	0.10	0.08	23.21	ppb
Tin	118-1	0.12	0.20	0.13	0.15	29.26	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSA027	Instrumnet Name :	P8
Client Sample ID :	ICSA027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:54:52	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2082.86	2021.61	1976.66	2027.04	2.63	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	12.16	ppb
Vanadium	51-2	0.14	0.14	0.12	0.13	9.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9.93	10.30	10.64	10.29	3.45	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	15.89	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	210.64	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSAB027	Instrumnet Name :	P8
Client Sample ID :	ICSAB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:05:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88039.81	93442.01	92814.37	91432.07	3.23	ppb
Antimony	121-1	20.82	21.30	21.01	21.04	1.15	ppb
Arsenic	75-2	19.90	20.23	20.43	20.19	1.33	ppb
Barium	135-1	21.14	21.18	21.11	21.14	0.16	ppb
Barium	137-1	21.73	21.67	21.86	21.75	0.43	ppb
Beryllium	9-1	19.94	20.19	20.02	20.05	0.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	69.80	74.95	76.84	73.86	4.93	ppb
Boron	11-1	76.28	82.33	83.68	80.77	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	20.09	19.74	20.45	20.09	1.77	ppb
Cadmium	106-1	18.45	18.61	20.59	19.22	6.21	ppb
Cadmium	108-1	36.26	36.66	35.19	36.04	2.11	ppb
Calcium	43-1	92757.09	89180.39	90112.08	90683.19	2.05	ppb
Calcium	44-1	90239.06	89989.65	89192.43	89807.05	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.48	38.55	38.61	38.22	1.66	ppb
Cobalt	59-2	19.92	20.59	20.62	20.38	1.96	ppb
Copper	63-2	26.75	27.49	27.03	27.09	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	98997.29	102551.96	100917.35	100822.20	1.76	ppb
Iron	56-2	97264.60	101269.27	100256.62	99596.83	2.09	ppb
Iron	57-2	98324.80	101744.62	101372.55	100480.66	1.87	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSAB027	Instrumnet Name :	P8
Client Sample ID :	ICSAB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:05:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.87	24.49	24.36	24.24	1.36	ppb
Lead	207-1	23.10	23.23	23.89	23.41	1.82	ppb
Lead	208-1	23.24	23.56	23.91	23.57	1.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	93155.76	98206.43	97296.46	96219.55	2.80	ppb
Manganese	55-2	26.16	26.10	26.30	26.19	0.39	ppb
Molybdenum	94-1	1398.52	1404.22	1458.88	1420.54	2.35	ppb
Molybdenum	95-1	1881.60	1864.80	1902.37	1882.92	1.00	ppb
Molybdenum	96-1	1806.98	1836.05	1841.55	1828.19	1.02	ppb
Molybdenum	97-1	1881.26	1877.93	1925.36	1894.85	1.40	ppb
Molybdenum	98-1	1870.93	1858.55	1915.84	1881.77	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.04	24.59	23.93	24.18	1.47	ppb
Phosphorus	31-2	92007.66	95853.10	97081.19	94980.65	2.79	ppb
Potassium	39-2	90919.24	94523.23	94357.03	93266.50	2.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	19.51	19.40	20.56	19.83	3.21	ppb
Selenium	77-2	21.87	17.54	8.73	16.05	41.75	ppb
Selenium	78-2	20.62	20.20	19.99	20.27	1.59	ppb
Silicon	28-1	27.79	28.14	30.75	28.90	5.60	ppb
Silver	107-1	19.30	19.20	19.54	19.35	0.91	ppb
Silver	109-1	18.65	19.55	19.20	19.13	2.38	ppb
Sodium	23-2	98049.34	103131.55	103497.37	101559.42	3.00	ppb
Strontium	86-1	96.63	97.87	100.06	98.18	1.77	ppb
Strontium	88-1	98.62	96.80	98.70	98.04	1.10	ppb
Sulfur	34-1	102056.38	97146.46	100802.08	100001.64	2.55	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	20.04	20.41	21.00	20.48	2.37	ppb
Thallium	205-1	19.82	20.68	20.79	20.43	2.62	ppb
Tin	118-1	61.86	62.94	61.38	62.06	1.29	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSAB027	Instrumnet Name :	P8
Client Sample ID :	ICSAB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:05:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1997.34	1960.93	2036.36	1998.21	1.89	ppb
Uranium	238-1	64.74	64.17	65.57	64.83	1.09	ppb
Vanadium	51-2	19.03	20.02	20.02	19.69	2.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	28.95	29.76	29.64	29.45	1.48	ppb
Zirconium	90-1	62.49	62.92	64.01	63.14	1.24	ppb
Zirconium	91-1	61.62	62.96	63.61	62.73	1.61	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51620.92	49833.13	53339.43	51597.83	3.40	ppb
Antimony	121-1	522.48	525.41	524.14	524.01	0.28	ppb
Arsenic	75-2	518.57	521.81	516.31	518.89	0.53	ppb
Barium	135-1	2582.60	2601.43	2617.43	2600.49	0.67	ppb
Barium	137-1	2562.68	2596.01	2600.60	2586.43	0.80	ppb
Beryllium	9-1	499.32	517.19	517.79	511.43	2.05	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	480.02	519.34	528.78	509.38	5.08	ppb
Boron	11-1	493.18	529.06	523.71	515.31	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	530.00	528.53	536.42	531.65	0.79	ppb
Cadmium	106-1	519.78	524.43	523.40	522.54	0.47	ppb
Cadmium	108-1	528.25	524.08	543.15	531.83	1.88	ppb
Calcium	43-1	242626.02	251386.00	253817.90	249276.64	2.36	ppb
Calcium	44-1	242559.18	244377.64	247504.42	244813.75	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.87	517.28	516.16	518.77	0.69	ppb
Cobalt	59-2	521.51	505.58	525.59	517.56	2.04	ppb
Copper	63-2	5151.58	5192.22	5242.35	5195.38	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	133121.01	130487.76	136270.05	133292.94	2.17	ppb
Iron	56-2	130595.69	126378.36	132947.96	129974.00	2.56	ppb
Iron	57-2	131389.12	129726.00	133408.64	131507.92	1.40	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2566.94	2669.60	2606.16	2614.23	1.98	ppb
Lead	207-1	2587.95	2631.17	2614.56	2611.23	0.84	ppb
Lead	208-1	2624.11	2636.06	2625.38	2628.52	0.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	265211.95	255844.36	265811.34	262289.21	2.13	ppb
Manganese	55-2	5338.54	5258.59	5444.59	5347.24	1.74	ppb
Molybdenum	94-1	2581.84	2573.17	2535.20	2563.41	0.97	ppb
Molybdenum	95-1	2581.88	2559.36	2585.45	2575.56	0.55	ppb
Molybdenum	96-1	2556.92	2529.26	2568.42	2551.53	0.79	ppb
Molybdenum	97-1	2565.43	2541.51	2582.09	2563.01	0.80	ppb
Molybdenum	98-1	2530.44	2513.50	2600.91	2548.28	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.20	504.57	528.97	513.91	2.56	ppb
Phosphorus	31-2	10473.43	9811.65	10672.43	10319.17	4.37	ppb
Potassium	39-2	129701.13	125910.60	126474.74	127362.16	1.61	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	513.73	511.87	515.35	513.65	0.34	ppb
Selenium	77-2	517.59	483.38	527.90	509.63	4.57	ppb
Selenium	78-2	514.11	513.65	509.39	512.38	0.51	ppb
Silicon	28-1	388.09	395.42	397.82	393.78	1.29	ppb
Silver	107-1	553.81	543.00	541.41	546.07	1.24	ppb
Silver	109-1	538.06	539.02	551.00	542.69	1.33	ppb
Sodium	23-2	266643.72	258467.53	269468.75	264860.00	2.16	ppb
Strontium	86-1	5140.88	5148.45	5175.51	5154.94	0.35	ppb
Strontium	88-1	5240.63	5205.78	5131.05	5192.48	1.08	ppb
Sulfur	34-1	8845.90	9423.67	9770.75	9346.77	5.00	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	532.79	535.20	531.09	533.02	0.39	ppb
Thallium	205-1	519.00	525.77	516.61	520.46	0.91	ppb
Tin	118-1	536.53	520.65	524.67	527.29	1.57	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2554.99	2643.26	2587.31	2595.19	1.72	ppb
Uranium	238-1	534.14	529.79	533.06	532.33	0.43	ppb
Vanadium	51-2	524.00	511.67	529.77	521.82	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	5084.55	5055.74	5290.47	5143.59	2.49	ppb
Zirconium	90-1	515.08	520.41	507.06	514.18	1.31	ppb
Zirconium	91-1	523.24	527.87	510.61	520.57	1.72	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:16:28	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.20	0.13	0.12	70.91	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	7.17	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.05	0.00	0.02	0.02	112.95	ppb
Barium	137-1	0.04	0.03	0.04	0.04	16.96	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	53.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	14.34	13.30	12.83	13.49	5.73	ppb
Boron	11-1	15.20	14.54	13.59	14.44	5.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.10	-0.06	-0.07		ppb
Cadmium	106-1	-2.57	-5.28	-3.25	-3.70		ppb
Cadmium	108-1	-0.05	-0.07	-0.09	-0.07		ppb
Calcium	43-1	0.95	-0.27	1.43	0.71	124.72	ppb
Calcium	44-1	2.53	2.69	3.93	3.05	25.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.03	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.09	0.09	0.09	12.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	1.34	0.27	0.02	0.54	129.56	ppb
Iron	56-2	0.53	0.39	0.34	0.42	23.60	ppb
Iron	57-2	0.94	0.11	0.10	0.38	126.29	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:16:28	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.08	0.10	17.78	ppb
Lead	207-1	0.08	0.11	0.08	0.09	18.33	ppb
Lead	208-1	0.09	0.10	0.09	0.09	7.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.60	0.92	0.70	0.74	21.87	ppb
Manganese	55-2	0.04	0.04	-0.01	0.02	116.27	ppb
Molybdenum	94-1	0.05	0.07	0.06	0.06	18.74	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	38.74	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.02	27.81	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	20.55	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	34.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-3.09	-6.31	-16.21	-8.53		ppb
Potassium	39-2	10.86	17.33	7.44	11.88	42.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.28	-0.29	-0.24	-0.27		ppb
Selenium	77-2	0.67	0.00	0.00	0.22	173.21	ppb
Selenium	78-2	0.31	0.34	0.05	0.23	68.88	ppb
Silicon	28-1	-1.08	-0.99	0.64	-0.48		ppb
Silver	107-1	0.03	0.01	0.02	0.02	33.62	ppb
Silver	109-1	0.02	0.01	0.02	0.02	13.03	ppb
Sodium	23-2	28.75	29.82	24.51	27.69	10.14	ppb
Strontium	86-1	-0.08	0.00	0.02	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.02	37.57	ppb
Sulfur	34-1	-1280.51	-1164.59	-874.31	-1106.47		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.47	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	12.75	ppb
Tin	118-1	-0.02	0.06	0.01	0.02	273.84	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:16:28	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.21	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.23	0.28	-0.03	0.16	103.79	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.35	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:19:28	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	20.63	20.47	20.39	1.42	ppb
Antimony	121-1	2.01	2.06	2.15	2.07	3.33	ppb
Arsenic	75-2	0.96	0.95	1.00	0.97	2.91	ppb
Barium	135-1	10.24	10.29	10.17	10.23	0.61	ppb
Barium	137-1	10.64	10.11	10.33	10.36	2.59	ppb
Beryllium	9-1	1.05	1.01	1.04	1.03	2.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	30.89	32.41	34.18	32.49	5.07	ppb
Boron	11-1	32.50	34.54	36.11	34.38	5.28	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.05	1.15	1.08	5.41	ppb
Cadmium	106-1	-2.18	-2.54	-1.61	-2.11		ppb
Cadmium	108-1	0.86	1.29	1.00	1.05	20.66	ppb
Calcium	43-1	463.84	465.75	473.08	467.56	1.04	ppb
Calcium	44-1	467.96	458.34	470.05	465.45	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.08	2.04	2.09	2.55	ppb
Cobalt	59-2	0.97	1.02	1.04	1.01	3.33	ppb
Copper	63-2	1.97	2.04	2.00	2.00	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	53.65	53.67	52.42	53.25	1.34	ppb
Iron	56-2	51.77	51.94	51.93	51.88	0.19	ppb
Iron	57-2	53.42	51.16	50.61	51.73	2.88	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:19:28	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	0.97	1.04	1.01	3.56	ppb
Lead	207-1	0.99	1.02	1.04	1.02	2.74	ppb
Lead	208-1	1.03	1.00	1.04	1.02	2.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	510.85	525.62	512.57	516.34	1.56	ppb
Manganese	55-2	1.07	1.07	1.13	1.09	2.98	ppb
Molybdenum	94-1	4.90	4.98	4.85	4.91	1.34	ppb
Molybdenum	95-1	4.79	4.91	4.90	4.86	1.34	ppb
Molybdenum	96-1	4.80	4.93	4.66	4.80	2.83	ppb
Molybdenum	97-1	4.99	4.97	4.79	4.92	2.18	ppb
Molybdenum	98-1	4.79	4.79	4.68	4.75	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.98	1.12	1.05	6.69	ppb
Phosphorus	31-2	17.62	-9.18	2.92	3.79	354.59	ppb
Potassium	39-2	479.38	487.00	493.26	486.55	1.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	4.84	5.02	5.11	4.99	2.76	ppb
Selenium	77-2	3.23	5.25	6.57	5.02	33.50	ppb
Selenium	78-2	4.86	5.18	4.18	4.74	10.74	ppb
Silicon	28-1	7.79	8.38	8.58	8.25	4.95	ppb
Silver	107-1	1.06	0.97	1.07	1.03	5.51	ppb
Silver	109-1	1.03	1.02	1.11	1.05	4.59	ppb
Sodium	23-2	525.44	542.06	543.93	537.14	1.90	ppb
Strontium	86-1	1.08	1.02	1.07	1.06	2.84	ppb
Strontium	88-1	1.07	1.08	1.08	1.08	0.23	ppb
Sulfur	34-1	-1102.96	-1191.25	-1030.51	-1108.24		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1.05	1.05	1.00	1.03	2.82	ppb
Thallium	205-1	1.04	1.00	1.02	1.02	2.14	ppb
Tin	118-1	5.18	4.89	5.34	5.14	4.45	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:19:28	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.12	5.20	5.08	5.14	1.20	ppb
Uranium	238-1	0.90	0.90	0.90	0.90	0.32	ppb
Vanadium	51-2	4.97	5.09	4.95	5.01	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	2.33	2.42	2.40	2.38	2.08	ppb
Zirconium	90-1	1.02	1.00	0.96	0.99	2.90	ppb
Zirconium	91-1	0.93	0.96	0.98	0.96	2.60	ppb

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : PB138736BL Instrumnet Name : P8
 Client Sample ID : PBW736 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:22:32 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.13	-0.19	-0.20		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	33.61	ppb
Arsenic	75-2	0.01	0.00	-0.03	-0.01		ppb
Barium	135-1	0.00	0.03	0.02	0.02	73.38	ppb
Barium	137-1	0.01	0.05	0.02	0.03	67.69	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	115.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	10.59	10.74	10.52	10.62	1.08	ppb
Boron	11-1	11.52	11.46	11.46	11.48	0.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.09	-0.06	-0.08		ppb
Cadmium	106-1	-3.80	-4.00	-2.57	-3.46		ppb
Cadmium	108-1	0.00	-0.09	-0.05	-0.05		ppb
Calcium	43-1	0.33	-0.69	-0.35	-0.24		ppb
Calcium	44-1	0.98	0.17	1.71	0.95	80.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.06	0.06	0.05	22.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	-0.33	0.15	1.13	0.32	236.92	ppb
Iron	56-2	0.14	0.08	0.24	0.15	51.64	ppb
Iron	57-2	0.52	0.03	-0.19	0.12	299.42	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BL	Instrumnet Name :	P8
Client Sample ID :	PBW736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:22:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	15.77	ppb
Lead	207-1	0.05	0.05	0.08	0.06	28.70	ppb
Lead	208-1	0.05	0.06	0.07	0.06	11.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.00	0.12	-0.01	0.04	197.55	ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	38.47	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	31.87	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	103.79	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	43.88	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	72.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	463.98	ppb
Phosphorus	31-2	-15.57	13.53	-2.14	-1.39		ppb
Potassium	39-2	5.77	8.02	9.73	7.84	25.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.24	0.59	-0.02	0.11	393.64	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-0.20	-0.43	-0.08		ppb
Silicon	28-1	-1.27	-1.86	-1.42	-1.52		ppb
Silver	107-1	0.01	0.02	0.02	0.02	36.82	ppb
Silver	109-1	0.02	0.01	0.01	0.01	40.45	ppb
Sodium	23-2	22.68	19.24	22.35	21.42	8.87	ppb
Strontium	86-1	-0.06	0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	133.42	ppb
Sulfur	34-1	-1263.58	-1401.37	-1091.71	-1252.22		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.04	0.04	16.66	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	26.22	ppb
Tin	118-1	0.02	0.09	0.01	0.04	113.62	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BL	Instrumnet Name :	P8
Client Sample ID :	PBW736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:22:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.02	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	133.36	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.03	0.03	-0.10	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	76.48	ppb
Zirconium	91-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.09	42.94	43.26	42.76	1.41	ppb
Antimony	121-1	3.99	4.18	4.12	4.10	2.28	ppb
Arsenic	75-2	2.05	2.15	2.16	2.12	2.98	ppb
Barium	135-1	19.99	20.71	20.13	20.27	1.88	ppb
Barium	137-1	20.09	21.33	20.47	20.63	3.07	ppb
Beryllium	9-1	2.07	2.08	1.99	2.05	2.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	49.99	53.62	56.29	53.30	5.93	ppb
Boron	11-1	54.97	58.39	60.02	57.79	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	2.11	2.41	2.21	2.24	6.77	ppb
Cadmium	106-1	-1.20	-0.15	-1.73	-1.03		ppb
Cadmium	108-1	2.35	2.16	2.07	2.19	6.53	ppb
Calcium	43-1	930.36	927.44	930.37	929.39	0.18	ppb
Calcium	44-1	930.14	921.66	938.88	930.23	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.02	3.93	4.19	4.05	3.19	ppb
Cobalt	59-2	2.00	2.04	2.04	2.03	1.12	ppb
Copper	63-2	3.80	3.93	3.95	3.89	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	431.74	425.62	424.16	427.17	0.94	ppb
Iron	56-2	413.56	418.64	420.34	417.51	0.85	ppb
Iron	57-2	433.76	421.66	420.76	425.39	1.71	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	1.96	1.97	1.94	2.45	ppb
Lead	207-1	2.00	1.85	1.96	1.94	4.02	ppb
Lead	208-1	1.98	1.97	1.93	1.96	1.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	1034.43	1021.67	1044.08	1033.39	1.09	ppb
Manganese	55-2	2.19	2.02	2.11	2.11	4.01	ppb
Molybdenum	94-1	10.11	9.86	10.64	10.20	3.92	ppb
Molybdenum	95-1	10.22	9.56	9.80	9.86	3.41	ppb
Molybdenum	96-1	9.82	9.53	10.02	9.79	2.50	ppb
Molybdenum	97-1	10.04	9.84	10.16	10.01	1.61	ppb
Molybdenum	98-1	9.75	9.78	9.80	9.78	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.25	2.19	2.20	1.82	ppb
Phosphorus	31-2	8.78	10.44	-11.18	2.68	449.02	ppb
Potassium	39-2	959.03	961.88	1009.17	976.70	2.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	10.99	10.53	10.75	10.76	2.11	ppb
Selenium	77-2	13.89	7.33	15.67	12.30	35.72	ppb
Selenium	78-2	11.64	11.45	10.87	11.32	3.56	ppb
Silicon	28-1	18.05	19.08	18.04	18.39	3.25	ppb
Silver	107-1	1.97	2.08	2.15	2.07	4.43	ppb
Silver	109-1	1.99	2.09	2.06	2.05	2.66	ppb
Sodium	23-2	1050.06	1050.17	1057.46	1052.56	0.40	ppb
Strontium	86-1	2.14	2.16	2.10	2.13	1.38	ppb
Strontium	88-1	2.21	2.14	2.23	2.19	2.13	ppb
Sulfur	34-1	-974.98	-997.40	-925.59	-965.99		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.86	1.86	1.94	1.89	2.58	ppb
Thallium	205-1	1.96	1.96	1.98	1.97	0.68	ppb
Tin	118-1	10.21	10.55	10.41	10.39	1.64	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.40	10.19	10.49	10.36	1.47	ppb
Uranium	238-1	1.84	1.80	1.81	1.82	1.39	ppb
Vanadium	51-2	10.03	10.22	10.22	10.16	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	11.18	11.19	11.04	11.13	0.75	ppb
Zirconium	90-1	1.97	1.99	1.95	1.97	0.88	ppb
Zirconium	91-1	2.03	1.94	1.97	1.98	2.39	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	341.53	367.47	352.93	353.97	3.67	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	17.10	ppb
Arsenic	75-2	0.44	0.48	0.38	0.43	11.38	ppb
Barium	135-1	65.59	63.37	63.48	64.15	1.95	ppb
Barium	137-1	66.41	64.73	64.47	65.20	1.62	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	16.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	103.73	106.83	108.17	106.24	2.15	ppb
Boron	11-1	110.85	116.03	119.65	115.51	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-3.15	-3.41	-3.95	-3.50		ppb
Cadmium	108-1	0.15	0.06	0.08	0.10	48.73	ppb
Calcium	43-1	88201.75	88418.75	86938.90	87853.14	0.91	ppb
Calcium	44-1	86928.51	86673.24	86686.60	86762.78	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.17	31.62	29.87	30.22	4.17	ppb
Cobalt	59-2	0.69	0.72	0.67	0.70	3.79	ppb
Copper	63-2	2.20	2.36	2.14	2.23	5.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	916.82	975.19	935.75	942.59	3.16	ppb
Iron	56-2	919.27	979.42	935.63	944.78	3.29	ppb
Iron	57-2	883.25	964.44	908.88	918.86	4.52	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.62	0.62	0.57	0.60	4.10	ppb
Lead	207-1	0.59	0.55	0.58	0.58	3.44	ppb
Lead	208-1	0.61	0.58	0.58	0.59	2.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	12245.09	12964.02	12507.73	12572.28	2.89	ppb
Manganese	55-2	148.38	156.25	149.21	151.28	2.86	ppb
Molybdenum	94-1	1.30	1.35	1.48	1.38	6.70	ppb
Molybdenum	95-1	1.17	1.17	1.18	1.17	0.73	ppb
Molybdenum	96-1	1.22	1.25	1.33	1.26	4.46	ppb
Molybdenum	97-1	1.19	1.31	1.18	1.23	5.84	ppb
Molybdenum	98-1	1.18	1.16	1.18	1.17	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.02	16.70	15.72	15.81	5.34	ppb
Phosphorus	31-2	38.40	26.01	21.03	28.48	31.39	ppb
Potassium	39-2	3223.83	3452.72	3275.85	3317.47	3.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	1.34	0.98	1.14	1.16	15.68	ppb
Selenium	77-2	1.95	1.34	1.27	1.52	24.46	ppb
Selenium	78-2	1.19	1.33	1.41	1.31	8.52	ppb
Silicon	28-1	6622.91	8396.71	6566.75	7195.46	14.46	ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.56	ppb
Silver	109-1	0.03	0.02	0.02	0.03	22.79	ppb
Sodium	23-2	55942.31	58890.47	55844.35	56892.38	3.04	ppb
Strontium	86-1	251.13	242.36	245.47	246.32	1.80	ppb
Strontium	88-1	257.29	248.78	243.87	249.98	2.72	ppb
Sulfur	34-1	27865.96	26256.75	26787.50	26970.07	3.04	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.04	0.04	15.67	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	15.96	ppb
Tin	118-1	0.75	0.74	0.78	0.76	2.84	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.55	20.62	7.20	11.79	64.85	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	10.05	ppb
Vanadium	51-2	0.81	0.76	0.79	0.79	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	17.46	17.67	17.00	17.38	1.96	ppb
Zirconium	90-1	0.44	0.34	0.37	0.38	12.57	ppb
Zirconium	91-1	0.41	0.36	0.38	0.38	6.73	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:31:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	375.25	350.04	340.41	355.24	5.06	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	7.68	ppb
Arsenic	75-2	0.34	0.47	0.30	0.37	23.91	ppb
Barium	135-1	71.78	69.17	70.58	70.51	1.85	ppb
Barium	137-1	72.21	70.98	70.62	71.27	1.17	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	29.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	106.50	114.55	118.99	113.35	5.59	ppb
Boron	11-1	117.26	124.38	129.83	123.82	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.06	-0.07	-0.08		ppb
Cadmium	106-1	-5.08	-3.11	-3.25	-3.82		ppb
Cadmium	108-1	0.08	-0.02	0.02	0.03	182.08	ppb
Calcium	43-1	109310.82	111534.56	109293.33	110046.24	1.17	ppb
Calcium	44-1	109502.71	110063.03	107519.81	109028.52	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.10	4.18	3.86	4.05	4.17	ppb
Cobalt	59-2	0.93	0.91	0.86	0.90	3.89	ppb
Copper	63-2	1.43	1.52	1.28	1.41	8.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	679.52	666.82	648.32	664.89	2.36	ppb
Iron	56-2	703.50	680.60	637.91	674.00	4.94	ppb
Iron	57-2	680.82	670.01	644.31	665.04	2.82	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:31:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.35	0.39	0.38	7.35	ppb
Lead	207-1	0.34	0.38	0.36	0.36	5.93	ppb
Lead	208-1	0.36	0.36	0.37	0.37	2.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	16845.18	16864.80	15546.88	16418.95	4.60	ppb
Manganese	55-2	379.19	380.15	355.99	371.77	3.68	ppb
Molybdenum	94-1	1.84	1.84	1.74	1.81	3.19	ppb
Molybdenum	95-1	2.13	2.10	2.02	2.08	2.66	ppb
Molybdenum	96-1	2.03	2.01	2.00	2.02	0.78	ppb
Molybdenum	97-1	2.02	2.15	2.08	2.08	3.19	ppb
Molybdenum	98-1	2.01	2.09	1.90	2.00	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.23	3.24	3.07	3.18	2.88	ppb
Phosphorus	31-2	-2.33	7.08	-0.40	1.45	343.17	ppb
Potassium	39-2	3327.43	3251.68	3049.59	3209.56	4.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	1.69	0.98	1.31	1.32	26.97	ppb
Selenium	77-2	2.13	0.75	2.03	1.63	46.89	ppb
Selenium	78-2	2.28	1.67	2.10	2.02	15.47	ppb
Silicon	28-1	4688.44	4338.90	4304.82	4444.05	4.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.34	ppb
Silver	109-1	0.01	0.02	0.01	0.01	18.62	ppb
Sodium	23-2	57516.78	57615.71	54139.21	56423.90	3.51	ppb
Strontium	86-1	262.39	264.97	259.26	262.21	1.09	ppb
Strontium	88-1	265.57	266.91	262.15	264.88	0.93	ppb
Sulfur	34-1	25449.66	24622.36	24225.32	24765.78	2.52	ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.04	0.05	15.78	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	6.77	ppb
Tin	118-1	-0.05	-0.05	-0.06	-0.05		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:31:29	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.14	3.78	3.83	5.25	47.62	ppb
Uranium	238-1	0.37	0.34	0.35	0.35	3.68	ppb
Vanadium	51-2	0.66	0.62	0.64	0.64	3.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	4.42	4.89	4.12	4.48	8.57	ppb
Zirconium	90-1	0.55	0.24	0.24	0.35	50.74	ppb
Zirconium	91-1	0.22	0.23	0.70	0.38	71.79	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.65	275.00	273.66	274.44	0.25	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.75	ppb
Arsenic	75-2	0.33	0.33	0.37	0.34	6.16	ppb
Barium	135-1	58.21	56.67	58.48	57.79	1.69	ppb
Barium	137-1	58.43	58.25	59.08	58.58	0.74	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	23.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	99.20	102.72	107.19	103.03	3.89	ppb
Boron	11-1	109.39	110.10	116.70	112.07	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.08	-0.06	-0.08		ppb
Cadmium	106-1	-4.59	-3.60	-3.07	-3.75		ppb
Cadmium	108-1	0.06	0.09	0.02	0.06	60.13	ppb
Calcium	43-1	112468.91	108082.65	111730.13	110760.56	2.12	ppb
Calcium	44-1	111408.40	107123.18	112364.85	110298.81	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.40	31.27	32.60	32.09	2.23	ppb
Cobalt	59-2	0.93	0.96	0.87	0.92	5.11	ppb
Copper	63-2	1.96	2.08	2.08	2.04	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	669.23	694.06	665.48	676.26	2.30	ppb
Iron	56-2	778.70	674.02	699.65	717.46	7.60	ppb
Iron	57-2	642.28	677.67	677.28	665.74	3.05	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.31	0.31	0.31	1.75	ppb
Lead	207-1	0.30	0.30	0.32	0.31	3.51	ppb
Lead	208-1	0.32	0.30	0.32	0.31	2.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	15475.80	15203.47	15475.61	15384.96	1.02	ppb
Manganese	55-2	197.66	200.99	197.17	198.60	1.05	ppb
Molybdenum	94-1	2.19	2.11	2.08	2.12	2.72	ppb
Molybdenum	95-1	2.57	2.57	2.64	2.60	1.54	ppb
Molybdenum	96-1	2.66	2.45	2.43	2.51	5.09	ppb
Molybdenum	97-1	2.61	2.34	2.67	2.54	6.81	ppb
Molybdenum	98-1	2.57	2.38	2.50	2.48	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.48	17.75	17.51	17.58	0.84	ppb
Phosphorus	31-2	-1.37	17.88	0.41	5.64	188.62	ppb
Potassium	39-2	2693.67	2708.93	2622.38	2674.99	1.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	1.49	0.99	1.42	1.30	20.53	ppb
Selenium	77-2	0.67	3.34	1.97	1.99	67.09	ppb
Selenium	78-2	1.03	1.09	0.50	0.88	37.55	ppb
Silicon	28-1	4579.99	4639.79	4765.73	4661.84	2.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.76	ppb
Silver	109-1	0.01	0.01	0.00	0.01	37.46	ppb
Sodium	23-2	49910.63	50468.65	50463.06	50280.78	0.64	ppb
Strontium	86-1	228.59	219.86	233.81	227.42	3.10	ppb
Strontium	88-1	232.98	223.56	232.60	229.71	2.32	ppb
Sulfur	34-1	26920.23	26803.15	26932.30	26885.23	0.27	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.05	0.03	0.04	25.91	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	13.61	ppb
Tin	118-1	-0.11	-0.13	-0.13	-0.12		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.58	4.45	4.96	4.66	5.69	ppb
Uranium	238-1	0.33	0.33	0.32	0.33	2.70	ppb
Vanadium	51-2	0.72	0.67	0.68	0.69	3.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	3.07	3.30	3.10	3.16	4.01	ppb
Zirconium	90-1	0.37	0.20	0.28	0.28	30.06	ppb
Zirconium	91-1	1.30	0.24	0.33	0.63	93.60	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.25	307.75	286.12	289.37	5.87	ppb
Antimony	121-1	0.15	0.14	0.14	0.14	0.86	ppb
Arsenic	75-2	0.33	0.30	0.30	0.31	4.29	ppb
Barium	135-1	57.05	58.49	57.75	57.76	1.25	ppb
Barium	137-1	59.15	60.05	58.79	59.33	1.09	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	28.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	102.70	106.36	107.21	105.42	2.28	ppb
Boron	11-1	112.13	115.70	118.94	115.59	2.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.05	-0.05		ppb
Cadmium	106-1	-2.77	-2.86	-2.62	-2.75		ppb
Cadmium	108-1	-0.06	-0.02	0.06	0.00		ppb
Calcium	43-1	110003.08	112783.20	112425.36	111737.21	1.35	ppb
Calcium	44-1	109707.24	111324.80	111278.89	110770.31	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.39	31.60	31.40	31.46	0.39	ppb
Cobalt	59-2	0.93	0.91	0.91	0.92	0.93	ppb
Copper	63-2	2.46	2.05	1.98	2.16	11.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	691.55	692.01	665.14	682.90	2.25	ppb
Iron	56-2	680.71	692.65	670.23	681.20	1.65	ppb
Iron	57-2	645.56	659.82	655.30	653.56	1.11	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.33	0.31	0.32	2.45	ppb
Lead	207-1	0.34	0.29	0.32	0.31	7.91	ppb
Lead	208-1	0.32	0.31	0.32	0.32	1.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	15476.10	15580.54	15443.00	15499.88	0.46	ppb
Manganese	55-2	200.95	202.01	198.87	200.61	0.80	ppb
Molybdenum	94-1	2.04	2.28	2.16	2.16	5.66	ppb
Molybdenum	95-1	2.57	2.65	2.53	2.58	2.51	ppb
Molybdenum	96-1	2.44	2.50	2.44	2.46	1.36	ppb
Molybdenum	97-1	2.59	2.42	2.61	2.54	4.15	ppb
Molybdenum	98-1	2.52	2.54	2.50	2.52	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.08	18.06	18.23	18.12	0.52	ppb
Phosphorus	31-2	16.43	17.11	-1.67	10.62	100.25	ppb
Potassium	39-2	2647.36	2727.96	2678.31	2684.55	1.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.98	1.39	0.61	0.99	39.15	ppb
Selenium	77-2	4.00	2.01	3.91	3.31	33.97	ppb
Selenium	78-2	1.60	0.77	1.48	1.28	35.27	ppb
Silicon	28-1	4663.57	4823.85	4642.37	4709.93	2.11	ppb
Silver	107-1	0.01	0.00	0.01	0.01	46.30	ppb
Silver	109-1	0.00	0.01	0.01	0.00	89.15	ppb
Sodium	23-2	50733.13	51082.19	50978.58	50931.30	0.35	ppb
Strontium	86-1	227.09	230.28	225.66	227.68	1.04	ppb
Strontium	88-1	232.22	233.48	227.11	230.94	1.46	ppb
Sulfur	34-1	26268.98	26716.56	26106.07	26363.87	1.20	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.95	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	11.41	ppb
Tin	118-1	-0.17	-0.14	-0.17	-0.16		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.39	9.45	4.11	5.98	50.28	ppb
Uranium	238-1	0.31	0.31	0.31	0.31	0.24	ppb
Vanadium	51-2	0.78	0.66	0.72	0.72	8.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	4.92	4.78	4.69	4.80	2.48	ppb
Zirconium	90-1	0.44	0.24	0.25	0.31	36.29	ppb
Zirconium	91-1	0.26	0.33	0.24	0.27	16.45	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.56	54.27	49.20	50.68	6.17	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	14.05	ppb
Arsenic	75-2	0.04	0.02	0.06	0.04	58.19	ppb
Barium	135-1	11.61	11.83	11.84	11.76	1.11	ppb
Barium	137-1	11.86	12.05	12.97	12.29	4.84	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	100.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	33.85	33.24	34.31	33.80	1.59	ppb
Boron	11-1	37.01	37.67	36.60	37.09	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.03	-0.03	-0.01		ppb
Cadmium	106-1	-1.92	0.63	-2.23	-1.17		ppb
Cadmium	108-1	-0.09	-0.12	-0.10	-0.10		ppb
Calcium	43-1	22261.73	22467.23	22645.76	22458.24	0.86	ppb
Calcium	44-1	21999.69	22380.86	22460.11	22280.22	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.20	6.06	6.39	6.22	2.66	ppb
Cobalt	59-2	0.19	0.18	0.19	0.18	3.69	ppb
Copper	63-2	0.44	0.42	0.45	0.44	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	138.47	140.79	142.17	140.48	1.33	ppb
Iron	56-2	131.12	131.04	132.37	131.51	0.57	ppb
Iron	57-2	126.21	139.59	131.33	132.38	5.10	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	6.39	ppb
Lead	207-1	0.09	0.07	0.08	0.08	15.27	ppb
Lead	208-1	0.09	0.09	0.08	0.08	1.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	3139.43	3098.30	3203.33	3147.02	1.68	ppb
Manganese	55-2	40.54	39.67	40.75	40.32	1.43	ppb
Molybdenum	94-1	0.44	0.51	0.42	0.46	10.79	ppb
Molybdenum	95-1	0.54	0.53	0.53	0.54	0.77	ppb
Molybdenum	96-1	0.51	0.47	0.56	0.52	8.46	ppb
Molybdenum	97-1	0.54	0.53	0.58	0.55	4.61	ppb
Molybdenum	98-1	0.51	0.45	0.57	0.51	11.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.53	3.57	3.80	3.63	3.98	ppb
Phosphorus	31-2	1.66	-0.54	6.43	2.52	141.49	ppb
Potassium	39-2	531.01	524.01	542.56	532.53	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.45	0.53	0.44	0.47	10.71	ppb
Selenium	77-2	0.00	0.66	2.80	1.16	126.77	ppb
Selenium	78-2	-0.09	0.07	0.27	0.08	215.65	ppb
Silicon	28-1	933.51	928.75	947.53	936.60	1.04	ppb
Silver	107-1	0.01	0.00	0.01	0.01	52.18	ppb
Silver	109-1	0.00	0.00	0.01	0.00	46.34	ppb
Sodium	23-2	10221.81	9800.13	10475.90	10165.95	3.36	ppb
Strontium	86-1	46.16	44.96	46.93	46.02	2.16	ppb
Strontium	88-1	47.90	46.72	47.65	47.42	1.31	ppb
Sulfur	34-1	5633.26	6584.10	5407.51	5874.96	10.63	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	48.28	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	38.94	ppb
Tin	118-1	-0.20	-0.23	-0.24	-0.22		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.51	0.81	0.92	1.08	34.83	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.46	ppb
Vanadium	51-2	0.13	0.14	0.13	0.13	6.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.46	0.49	0.61	0.52	15.96	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	8.58	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	28.66	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2287.11	2264.79	2263.78	2271.89	0.58	ppb
Antimony	121-1	104.65	105.43	106.03	105.37	0.66	ppb
Arsenic	75-2	43.52	42.72	41.83	42.69	1.98	ppb
Barium	135-1	2134.35	2144.80	2099.49	2126.21	1.12	ppb
Barium	137-1	2127.31	2127.48	2109.15	2121.31	0.50	ppb
Beryllium	9-1	51.95	51.99	51.64	51.86	0.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	95.46	101.81	105.92	101.07	5.22	ppb
Boron	11-1	105.08	112.88	116.67	111.55	5.30	ppb
Bromine	81-1						cps
Cadmium	111-1	53.17	53.07	53.57	53.27	0.50	ppb
Cadmium	106-1	40.89	42.08	40.18	41.05	2.34	ppb
Cadmium	108-1	44.12	45.70	47.91	45.91	4.15	ppb
Calcium	43-1	112481.09	111513.95	114730.75	112908.60	1.46	ppb
Calcium	44-1	112055.92	111644.60	113827.99	112509.50	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.06	228.96	229.99	231.00	1.17	ppb
Cobalt	59-2	545.63	542.68	546.17	544.83	0.34	ppb
Copper	63-2	268.48	266.86	269.71	268.35	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	1917.29	1905.87	1934.59	1919.25	0.75	ppb
Iron	56-2	1772.92	1770.54	1731.69	1758.38	1.32	ppb
Iron	57-2	1795.65	1731.85	1720.90	1749.47	2.31	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.71	20.77	21.04	20.50	3.43	ppb
Lead	207-1	19.26	20.12	20.19	19.86	2.62	ppb
Lead	208-1	19.52	20.25	20.48	20.08	2.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	15934.58	15853.55	16184.55	15990.89	1.08	ppb
Manganese	55-2	706.20	710.51	707.91	708.21	0.31	ppb
Molybdenum	94-1	2.42	2.11	2.36	2.30	7.11	ppb
Molybdenum	95-1	2.40	2.46	2.45	2.44	1.13	ppb
Molybdenum	96-1	2.47	2.43	2.55	2.48	2.38	ppb
Molybdenum	97-1	2.43	2.52	2.45	2.47	2.01	ppb
Molybdenum	98-1	2.42	2.53	2.53	2.49	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.20	537.74	534.28	536.07	0.32	ppb
Phosphorus	31-2	-3.91	6.57	-6.48	-1.27		ppb
Potassium	39-2	2748.72	2730.58	2730.01	2736.43	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	108.98	109.92	107.57	108.82	1.09	ppb
Selenium	77-2	98.14	120.12	100.27	106.18	11.42	ppb
Selenium	78-2	102.75	105.40	100.70	102.95	2.29	ppb
Silicon	28-1	4759.76	4872.91	4864.68	4832.45	1.31	ppb
Silver	107-1	51.35	52.53	52.67	52.18	1.39	ppb
Silver	109-1	52.05	52.85	52.36	52.42	0.77	ppb
Sodium	23-2	52036.40	51809.51	52336.27	52060.73	0.51	ppb
Strontium	86-1	232.56	237.48	235.20	235.08	1.05	ppb
Strontium	88-1	232.92	237.16	238.40	236.16	1.22	ppb
Sulfur	34-1	27113.94	27497.75	28104.49	27572.06	1.81	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	48.33	51.48	52.07	50.63	3.97	ppb
Thallium	205-1	49.58	50.89	52.45	50.97	2.82	ppb
Tin	118-1	-0.11	-0.13	-0.11	-0.12		ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.72	6.46	5.10	5.43	16.87	ppb
Uranium	238-1	0.31	0.33	0.33	0.32	3.19	ppb
Vanadium	51-2	532.50	532.66	542.93	536.03	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	535.32	517.10	526.87	526.43	1.73	ppb
Zirconium	90-1	0.26	0.24	0.21	0.24	11.99	ppb
Zirconium	91-1	0.69	0.40	0.27	0.45	47.80	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1169.68	1099.20	1119.04	1129.31	3.22	ppb
Antimony	121-1	0.17	0.14	0.10	0.14	24.95	ppb
Arsenic	75-2	1.28	1.22	1.22	1.24	2.97	ppb
Barium	135-1	93.85	86.10	85.54	88.50	5.25	ppb
Barium	137-1	94.33	88.37	87.78	90.16	4.02	ppb
Beryllium	9-1	0.07	0.07	0.08	0.07	7.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	101.69	94.68	100.89	99.09	3.87	ppb
Boron	11-1	112.76	105.83	110.32	109.64	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.06	-0.07	-0.04		ppb
Cadmium	106-1	-0.86	-4.19	-3.50	-2.85		ppb
Cadmium	108-1	0.08	0.06	0.15	0.10	49.26	ppb
Calcium	43-1	99787.24	90512.69	90162.73	93487.56	5.84	ppb
Calcium	44-1	99134.10	92644.91	91658.76	94479.25	4.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.88	4.36	4.43	4.56	6.27	ppb
Cobalt	59-2	2.27	2.11	2.23	2.20	3.67	ppb
Copper	63-2	5.55	5.28	5.29	5.37	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	54-2	3039.54	2919.82	2921.04	2960.13	2.32	ppb
Iron	56-2	3040.97	2955.63	2886.18	2960.93	2.62	ppb
Iron	57-2	3049.88	2860.52	2810.75	2907.05	4.34	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.61	1.60	1.54	1.59	2.33	ppb
Lead	207-1	1.52	1.52	1.51	1.52	0.19	ppb
Lead	208-1	1.57	1.52	1.50	1.53	2.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	15524.73	14616.62	14786.85	14976.07	3.22	ppb
Manganese	55-2	734.54	693.09	695.87	707.83	3.27	ppb
Molybdenum	94-1	5.88	5.47	5.22	5.52	6.03	ppb
Molybdenum	95-1	6.34	5.60	5.73	5.89	6.69	ppb
Molybdenum	96-1	6.15	5.71	5.74	5.87	4.21	ppb
Molybdenum	97-1	6.09	5.86	5.82	5.92	2.49	ppb
Molybdenum	98-1	6.06	5.69	5.66	5.80	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.84	4.55	4.47	4.62	4.27	ppb
Phosphorus	31-2	53.94	50.84	59.85	54.88	8.35	ppb
Potassium	39-2	2862.10	2692.01	2673.42	2742.51	3.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.90	1.06	1.06	1.01	8.84	ppb
Selenium	77-2	5.36	1.25	3.17	3.26	63.16	ppb
Selenium	78-2	0.82	1.25	1.13	1.07	20.65	ppb
Silicon	28-1	5352.74	4858.63	4770.00	4993.79	6.29	ppb
Silver	107-1	0.06	0.05	0.05	0.05	11.43	ppb
Silver	109-1	0.06	0.05	0.04	0.05	22.41	ppb
Sodium	23-2	53879.73	52387.09	51877.06	52714.63	1.97	ppb
Strontium	86-1	245.13	224.52	224.69	231.45	5.12	ppb
Strontium	88-1	247.96	233.49	229.35	236.93	4.12	ppb
Sulfur	34-1	30976.89	27064.01	25796.83	27945.91	9.66	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.06	0.06	0.06	10.77	ppb
Thallium	205-1	0.07	0.04	0.05	0.05	22.70	ppb
Tin	118-1	0.40	0.36	0.40	0.39	6.31	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	18.09	16.68	14.77	16.51	10.11	ppb
Uranium	238-1	0.47	0.45	0.47	0.46	2.82	ppb
Vanadium	51-2	2.21	2.12	2.12	2.15	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	11.01	9.84	10.43	10.43	5.64	ppb
Zirconium	90-1	0.92	0.85	1.05	0.94	10.76	ppb
Zirconium	91-1	0.97	0.85	1.01	0.94	8.72	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6476.55	6575.77	6428.52	6493.61	1.16	ppb
Antimony	121-1	0.37	0.35	0.32	0.34	7.06	ppb
Arsenic	75-2	5.63	5.67	5.55	5.62	1.11	ppb
Barium	135-1	139.33	139.38	136.91	138.54	1.02	ppb
Barium	137-1	141.53	141.77	139.45	140.92	0.91	ppb
Beryllium	9-1	0.57	0.56	0.61	0.58	5.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	45.41	45.84	48.05	46.43	3.04	ppb
Boron	11-1	51.29	50.87	52.91	51.69	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.04	0.92	1.01	7.51	ppb
Cadmium	106-1	-0.42	-1.16	-2.48	-1.36		ppb
Cadmium	108-1	1.02	1.06	0.97	1.02	4.33	ppb
Calcium	43-1	15039.84	15295.53	15306.05	15213.81	0.99	ppb
Calcium	44-1	15141.25	15158.60	15291.60	15197.15	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.74	24.17	24.00	23.97	0.90	ppb
Cobalt	59-2	25.91	26.72	26.05	26.23	1.65	ppb
Copper	63-2	11.49	11.69	11.47	11.55	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	14664.09	14336.46	14679.72	14560.09	1.33	ppb
Iron	56-2	14413.31	14059.79	13958.15	14143.75	1.69	ppb
Iron	57-2	13878.81	14012.67	13838.51	13910.00	0.66	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.65	6.79	6.96	6.80	2.33	ppb
Lead	207-1	6.27	6.33	6.39	6.33	0.93	ppb
Lead	208-1	6.42	6.53	6.54	6.49	1.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	5228.98	5246.03	5147.72	5207.58	1.01	ppb
Manganese	55-2	2149.68	2166.46	2102.98	2139.71	1.54	ppb
Molybdenum	94-1	4.10	4.63	4.35	4.36	6.08	ppb
Molybdenum	95-1	1.29	1.36	1.38	1.34	3.76	ppb
Molybdenum	96-1	1.66	1.73	1.52	1.64	6.51	ppb
Molybdenum	97-1	1.28	1.38	1.33	1.33	3.75	ppb
Molybdenum	98-1	1.26	1.28	1.29	1.28	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.15	38.11	37.33	37.53	1.36	ppb
Phosphorus	31-2	235.89	289.29	286.26	270.48	11.09	ppb
Potassium	39-2	2003.00	2022.76	2023.39	2016.38	0.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.42	0.31	-0.04	0.23	103.85	ppb
Selenium	77-2	9.84	10.17	12.53	10.85	13.54	ppb
Selenium	78-2	2.67	2.29	2.02	2.33	14.01	ppb
Silicon	28-1	13317.04	13701.61	13302.69	13440.45	1.68	ppb
Silver	107-1	0.03	0.04	0.04	0.04	23.64	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.97	ppb
Sodium	23-2	5757.89	6089.84	5830.84	5892.86	2.96	ppb
Strontium	86-1	74.27	77.07	75.14	75.50	1.90	ppb
Strontium	88-1	76.90	77.83	79.67	78.13	1.81	ppb
Sulfur	34-1	17714.99	17327.10	17688.35	17576.81	1.23	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.13	0.12	0.12	8.91	ppb
Thallium	205-1	0.10	0.12	0.11	0.11	10.11	ppb
Tin	118-1	0.48	0.49	0.47	0.48	2.37	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	76.32	78.25	83.70	79.42	4.82	ppb
Uranium	238-1	0.39	0.39	0.40	0.39	1.75	ppb
Vanadium	51-2	12.58	12.61	12.37	12.52	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	74.96	76.62	77.00	76.19	1.42	ppb
Zirconium	90-1	2.23	2.36	2.19	2.26	3.93	ppb
Zirconium	91-1	2.24	2.17	2.27	2.23	2.27	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49888.83	52143.03	50259.34	50763.73	2.38	ppb
Antimony	121-1	518.56	501.55	495.27	505.12	2.39	ppb
Arsenic	75-2	507.63	510.64	501.76	506.68	0.89	ppb
Barium	135-1	2652.75	2603.65	2455.68	2570.69	3.99	ppb
Barium	137-1	2666.96	2584.15	2492.86	2581.32	3.37	ppb
Beryllium	9-1	520.10	504.78	498.79	507.89	2.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	492.47	496.79	514.21	501.16	2.30	ppb
Boron	11-1	490.53	520.69	502.85	504.69	3.01	ppb
Bromine	81-1						cps
Cadmium	111-1	522.60	520.50	520.66	521.25	0.22	ppb
Cadmium	106-1	531.51	523.37	517.11	524.00	1.38	ppb
Cadmium	108-1	533.50	513.00	514.63	520.38	2.19	ppb
Calcium	43-1	250865.69	246035.44	241263.89	246055.01	1.95	ppb
Calcium	44-1	246433.84	242611.78	238865.43	242637.02	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.23	509.78	498.39	507.80	1.69	ppb
Cobalt	59-2	497.18	498.24	496.70	497.37	0.16	ppb
Copper	63-2	5033.23	5131.50	5074.74	5079.82	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	131218.89	131826.86	129325.29	130790.35	1.00	ppb
Iron	56-2	128318.09	129561.53	126154.19	128011.27	1.35	ppb
Iron	57-2	126714.36	127112.04	128707.96	127511.45	0.83	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2606.86	2587.21	2572.31	2588.79	0.67	ppb
Lead	207-1	2618.42	2562.64	2583.26	2588.11	1.09	ppb
Lead	208-1	2627.60	2582.88	2584.31	2598.26	0.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	258526.05	263573.39	254827.80	258975.75	1.70	ppb
Manganese	55-2	5021.39	5142.58	5047.43	5070.47	1.26	ppb
Molybdenum	94-1	2544.17	2618.68	2483.95	2548.93	2.65	ppb
Molybdenum	95-1	2552.38	2566.85	2483.89	2534.37	1.75	ppb
Molybdenum	96-1	2528.99	2545.90	2503.00	2525.96	0.86	ppb
Molybdenum	97-1	2531.04	2594.50	2472.16	2532.57	2.42	ppb
Molybdenum	98-1	2471.26	2576.84	2472.30	2506.80	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.13	475.52	470.12	471.92	0.66	ppb
Phosphorus	31-2	9726.47	9749.42	9352.66	9609.52	2.32	ppb
Potassium	39-2	123685.64	126038.85	123932.89	124552.46	1.04	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	509.42	513.82	499.80	507.68	1.41	ppb
Selenium	77-2	517.94	490.36	526.97	511.76	3.73	ppb
Selenium	78-2	496.35	502.50	497.34	498.73	0.66	ppb
Silicon	28-1	461.34	466.68	464.48	464.17	0.58	ppb
Silver	107-1	532.04	502.88	516.18	517.03	2.82	ppb
Silver	109-1	520.56	520.23	507.59	516.12	1.43	ppb
Sodium	23-2	266886.55	263428.39	259461.90	263258.95	1.41	ppb
Strontium	86-1	5104.89	5153.17	4993.12	5083.73	1.61	ppb
Strontium	88-1	5143.06	5293.81	4985.28	5140.72	3.00	ppb
Sulfur	34-1	10405.73	10099.43	9857.60	10120.92	2.71	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	532.73	522.55	527.01	527.43	0.97	ppb
Thallium	205-1	522.35	512.96	524.56	519.96	1.18	ppb
Tin	118-1	510.32	496.39	502.99	503.23	1.39	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2551.43	2559.90	2517.55	2542.96	0.88	ppb
Uranium	238-1	527.87	525.16	514.63	522.55	1.34	ppb
Vanadium	51-2	503.56	508.75	499.16	503.83	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4984.08	5008.47	5001.28	4997.94	0.25	ppb
Zirconium	90-1	513.12	520.15	498.48	510.58	2.17	ppb
Zirconium	91-1	517.96	522.91	502.03	514.30	2.12	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 15:00:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.70	0.87	0.60	56.71	ppb
Antimony	121-1	0.06	0.07	0.10	0.08	25.86	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.02	0.04	0.05	0.04	39.65	ppb
Barium	137-1	0.06	0.04	0.06	0.05	23.65	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	30.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	14.41	13.69	13.75	13.95	2.85	ppb
Boron	11-1	15.53	14.78	14.69	15.00	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-3.74	-4.22	-3.02	-3.66		ppb
Cadmium	108-1	0.02	0.14	0.07	0.08	76.25	ppb
Calcium	43-1	1.99	2.97	3.19	2.72	23.56	ppb
Calcium	44-1	3.31	2.95	3.24	3.17	6.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	37.09	ppb
Copper	63-2	0.17	0.10	0.13	0.13	26.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	1.13	2.09	1.81	1.68	29.32	ppb
Iron	56-2	1.85	1.94	2.01	1.94	4.35	ppb
Iron	57-2	2.93	3.25	2.25	2.81	18.18	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 15:00:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.12	3.50	ppb
Lead	207-1	0.12	0.11	0.11	0.11	4.64	ppb
Lead	208-1	0.12	0.12	0.12	0.12	2.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.85	4.52	3.67	4.02	11.18	ppb
Manganese	55-2	0.10	0.09	0.12	0.10	12.19	ppb
Molybdenum	94-1	0.07	0.06	0.10	0.08	27.67	ppb
Molybdenum	95-1	0.05	0.03	0.05	0.04	16.27	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	12.57	ppb
Molybdenum	97-1	0.05	0.08	0.07	0.07	16.79	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	11.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	122.30	ppb
Phosphorus	31-2	-14.84	-1.04	-2.49	-6.12		ppb
Potassium	39-2	7.29	7.65	14.01	9.65	39.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.24	0.18	-0.08	-0.05		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.42	0.29	-0.41	0.10	455.32	ppb
Silicon	28-1	0.50	-0.52	0.45	0.14	397.87	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.75	ppb
Silver	109-1	0.03	0.02	0.02	0.02	18.49	ppb
Sodium	23-2	34.79	31.63	32.00	32.81	5.26	ppb
Strontium	86-1	0.02	0.03	0.10	0.05	79.37	ppb
Strontium	88-1	0.05	0.07	0.07	0.06	14.25	ppb
Sulfur	34-1	-1049.45	-1217.87	-977.47	-1081.59		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.06	0.06	0.07	13.45	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	9.33	ppb
Tin	118-1	0.04	0.01	0.03	0.03	50.14	ppb

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 15:00:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	0.00	0.02	68.76	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	13.64	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	149.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.18	0.09	0.09	0.12	42.52	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	20.74	ppb
Zirconium	91-1	-0.01	0.05	0.00	0.01	237.61	ppb

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:01:14 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	176	216	207	13.46	cps
Antimony	121-1	33	117	50	67	66.15	cps
Arsenic	75-2	7	9	5	7	28.57	cps
Barium	135-1	183	217	208	203	8.55	cps
Barium	137-1	292	192	275	253	21.20	cps
Beryllium	9-1	24	32	46	34	32.74	cps
Bismuth	209-1	14848764	15204593	15458594	15170650	2.02	cps
Bismuth	209-2	7156456	7349332	7174452	7226747	1.47	cps
Boron	10-1	546	562	574	561	2.51	cps
Boron	11-1	2268	2608	2468	2448	6.98	cps
Bromine	81-1	8742	8601	8251	8531	2.96	cps
Cadmium	111-1	1863	2002	2014	1960	4.27	cps
Cadmium	106-1	9312	9895	10129	9779	4.30	cps
Cadmium	108-1	58	33	58	50	28.87	cps
Calcium	43-1	527	624	604	585	8.68	cps
Calcium	44-1	31215	31737	31286	31413	0.90	cps
Carbon	12-1	6412146	6476399	6454745	6447763	0.51	cps
Carbon	12-2	61053	61789	61789	61544	0.69	cps
Chlorine	35-1	303099	303579	309397	305359	1.15	cps
Chlorine	35-2	1725	1667	1500	1631	7.16	cps
Chromium	52-2	1030	953	980	988	3.94	cps
Cobalt	59-2	107	83	110	100	14.53	cps
Copper	63-2	850	800	770	807	5.01	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	158	200	108	156	29.50	cps
Erbium	164-2	67	90	50	69	29.17	cps
Gadolinium	160-1	150	200	100	150	33.34	cps
Gadolinium	160-2	77	63	73	71	9.76	cps
Holmium	165-1	23833134	24865442	25275637	24658071	3.01	cps
Holmium	165-2	9362519	9787680	9618961	9589720	2.23	cps
Indium	115-1	21589473	21686919	21705988	21660793	0.29	cps
Indium	115-2	2529921	2592069	2600483	2574157	1.50	cps
Iron	54-2	328	411	289	343	18.23	cps
Iron	56-2	3056	3245	3267	3189	3.64	cps
Iron	57-2	89	67	78	78	14.28	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:01:14	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	537	543	560	6.21	cps
Lead	206-1	700	672	600	657	7.85	cps
Lead	207-1	561	600	561	574	3.91	cps
Lead	208-1	2667	2622	2550	2613	2.25	cps
Lithium	6-1	9968648	10203393	10238489	10136843	1.45	cps
Magnesium	24-2	317	433	342	364	16.88	cps
Manganese	55-2	103	140	147	130	17.95	cps
Molybdenum	94-1	575	683	583	614	9.82	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	133	158	200	164	20.55	cps
Molybdenum	97-1	42	25	8	25	66.68	cps
Molybdenum	98-1	67	75	100	81	21.53	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	43	73	62	26.43	cps
Phosphorus	31-2	167	175	108	150	24.22	cps
Potassium	39-2	11321	11713	11338	11458	1.93	cps
Rhodium	103-1	20318591	20875040	21346254	20846628	2.47	cps
Rhodium	103-2	8326329	8586491	8519543	8477454	1.59	cps
Scandium	45-1	15934744	16149531	16246469	16110248	0.99	cps
Scandium	45-2	409705	421312	412284	414434	1.47	cps
Selenium	82-1	-7	21	7	7	210.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	16	30	24	30.05	cps
Silicon	28-1	346709	342720	348161	345863	0.81	cps
Silver	107-1	100	108	158	122	25.81	cps
Silver	109-1	50	50	83	61	31.50	cps
Sodium	23-2	15642	16134	15417	15731	2.33	cps
Strontium	86-1	1250	1083	1142	1158	7.30	cps
Strontium	88-1	1425	1400	1225	1350	8.07	cps
Sulfur	34-1	582693	582704	583859	583085	0.11	cps
Terbium	159-1	25276858	25439198	25441265	25385774	0.37	cps
Terbium	159-2	9430127	9475676	9542867	9482890	0.60	cps
Thallium	203-1	275	308	275	286	6.73	cps
Thallium	205-1	625	700	725	683	7.62	cps
Tin	118-1	3826	3709	3517	3684	4.23	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:01:14	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	267	200	222	17.32	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	10	23	13	16	44.60	cps
Ytterbium	172-1	108	50	17	58	79.54	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	2925	2800	3059	2928	4.41	cps
Ytterbium	176-2	3539	3545	3451	3512	1.51	cps
Yttrium	89-1	33687880	33997051	34340549	34008493	0.96	cps
Yttrium	89-2	2845213	2912864	2898648	2885575	1.24	cps
Zinc	66-2	620	680	667	656	4.81	cps
Zirconium	90-1	2042	1825	1934	1934	5.60	cps
Zirconium	91-1	367	433	342	381	12.45	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:04:20 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1820	1922	1830	1857	3.04	cps
Antimony	121-1	21351	20958	21634	21314	1.59	cps
Arsenic	75-2	277	292	240	270	9.92	cps
Barium	135-1	25558	25742	26001	25767	0.86	cps
Barium	137-1	45544	44156	44708	44803	1.56	cps
Beryllium	9-1	3862	3836	3700	3799	2.29	cps
Bismuth	209-1	15653161	15572676	15479566	15568468	0.56	cps
Bismuth	209-2	7229506	7389346	7269481	7296111	1.14	cps
Boron	10-1	9565	10766	11444	10592	8.98	cps
Boron	11-1	46949	49957	52679	49862	5.75	cps
Bromine	81-1	8171	8321	8692	8395	3.19	cps
Cadmium	111-1	5185	4913	5135	5077	2.85	cps
Cadmium	106-1	10446	9454	10137	10012	5.07	cps
Cadmium	108-1	317	350	300	322	7.90	cps
Calcium	43-1	20969	21292	21129	21130	0.76	cps
Calcium	44-1	362466	366377	369741	366195	0.99	cps
Carbon	12-1	6751964	6924492	6951864	6876106	1.58	cps
Carbon	12-2	65497	65789	65966	65751	0.36	cps
Chlorine	35-1	344217	342366	344544	343709	0.34	cps
Chlorine	35-2	2009	1817	1975	1934	5.30	cps
Chromium	52-2	7495	7485	7008	7330	3.80	cps
Cobalt	59-2	5745	5818	5685	5749	1.16	cps
Copper	63-2	9453	9627	9226	9435	2.13	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	108	158	358	208	63.50	cps
Erbium	164-2	83	63	47	64	28.48	cps
Gadolinium	160-1	233	108	200	181	35.85	cps
Gadolinium	160-2	80	63	60	68	15.81	cps
Holmium	165-1	24290665	24540295	24364048	24398336	0.53	cps
Holmium	165-2	9444053	9866037	9562309	9624133	2.26	cps
Indium	115-1	21803281	21972135	21497507	21757641	1.11	cps
Indium	115-2	2574226	2672968	2569461	2605552	2.24	cps
Iron	54-2	7258	7641	7319	7406	2.78	cps
Iron	56-2	128921	127481	126746	127716	0.87	cps
Iron	57-2	3050	3300	2950	3100	5.82	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:04:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	620	553	568	8.23	cps
Lead	206-1	8308	8508	8792	8536	2.85	cps
Lead	207-1	7441	7252	6696	7130	5.43	cps
Lead	208-1	34180	34146	34681	34335	0.87	cps
Lithium	6-1	10513807	10072317	9758336	10114820	3.75	cps
Magnesium	24-2	122758	121816	121067	121880	0.70	cps
Manganese	55-2	1590	1677	1440	1569	7.63	cps
Molybdenum	94-1	25123	24748	25541	25137	1.58	cps
Molybdenum	95-1	29899	29064	30684	29883	2.71	cps
Molybdenum	96-1	33650	32981	34418	33683	2.13	cps
Molybdenum	97-1	18663	19206	19406	19091	2.01	cps
Molybdenum	98-1	47875	48143	48452	48156	0.60	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1720	1863	1770	1785	4.08	cps
Phosphorus	31-2	200	108	158	156	29.50	cps
Potassium	39-2	86970	87272	83551	85931	2.40	cps
Rhodium	103-1	21052291	21045034	21109149	21068825	0.17	cps
Rhodium	103-2	8447571	8717867	8361125	8508854	2.19	cps
Scandium	45-1	16199719	16329007	15936218	16154981	1.24	cps
Scandium	45-2	418074	423692	418149	419971	0.77	cps
Selenium	82-1	1171	1091	1262	1175	7.27	cps
Selenium	77-2	27	3	30	20	72.66	cps
Selenium	78-2	105	125	130	120	11.02	cps
Silicon	28-1	435273	441510	441634	439472	0.83	cps
Silver	107-1	13349	15159	15067	14525	7.02	cps
Silver	109-1	14174	13215	13874	13754	3.57	cps
Sodium	23-2	254776	249353	250789	251639	1.12	cps
Strontium	86-1	5134	5384	5109	5209	2.92	cps
Strontium	88-1	38395	38362	37910	38222	0.71	cps
Sulfur	34-1	584674	582084	584225	583661	0.24	cps
Terbium	159-1	26954546	25079849	26034160	26022852	3.60	cps
Terbium	159-2	9334815	9723528	9464289	9507544	2.08	cps
Thallium	203-1	9771	9988	9904	9887	1.11	cps
Thallium	205-1	23656	23839	24131	23875	1.00	cps
Tin	118-1	51356	49607	49942	50302	1.85	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:04:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10012	10304	9520	9945	3.98	cps
Uranium	238-1	28666	28474	30145	29095	3.14	cps
Vanadium	51-2	12065	12242	12456	12254	1.60	cps
Ytterbium	172-1	133	83	75	97	32.45	cps
Ytterbium	172-2	56	44	39	46	18.33	cps
Ytterbium	176-1	3042	3042	3192	3092	2.80	cps
Ytterbium	176-2	3045	2973	2384	2800	12.95	cps
Yttrium	89-1	34328441	33501138	33638475	33822684	1.31	cps
Yttrium	89-2	2889676	2918207	2904740	2904208	0.49	cps
Zinc	66-2	1790	1713	1850	1785	3.84	cps
Zirconium	90-1	22068	21484	20858	21470	2.82	cps
Zirconium	91-1	4576	4851	4534	4654	3.70	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:07:23 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78579	79221	78374	78725	0.56	cps
Antimony	121-1	529996	533447	528377	530607	0.49	cps
Arsenic	75-2	13468	13449	13410	13442	0.22	cps
Barium	135-1	640139	656632	643970	646914	1.33	cps
Barium	137-1	1119621	1139442	1124805	1127956	0.91	cps
Beryllium	9-1	184849	185282	186249	185460	0.39	cps
Bismuth	209-1	15811492	15676674	15519476	15669214	0.93	cps
Bismuth	209-2	7252115	7352249	7284599	7296321	0.70	cps
Boron	10-1	20709	21956	23005	21890	5.25	cps
Boron	11-1	95958	101953	106525	101478	5.22	cps
Bromine	81-1	8271	8772	8622	8555	3.00	cps
Cadmium	111-1	145028	148297	146402	146576	1.12	cps
Cadmium	106-1	25984	25650	25708	25780	0.69	cps
Cadmium	108-1	11776	11601	11526	11634	1.10	cps
Calcium	43-1	217911	216014	220132	218019	0.95	cps
Calcium	44-1	3550450	3537490	3498596	3528845	0.76	cps
Carbon	12-1	6858921	6922296	7035907	6939041	1.29	cps
Carbon	12-2	68386	68452	67212	68017	1.03	cps
Chlorine	35-1	311577	307325	307510	308804	0.78	cps
Chlorine	35-2	1708	1617	1784	1703	4.90	cps
Chromium	52-2	154654	154097	152450	153734	0.75	cps
Cobalt	59-2	285133	280088	276850	280690	1.49	cps
Copper	63-2	2254880	2225548	2180538	2220322	1.69	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	20	30	20	23	24.74	cps
Erbium	164-1	133	183	158	158	15.79	cps
Erbium	164-2	57	47	67	57	17.65	cps
Gadolinium	160-1	217	175	183	192	11.50	cps
Gadolinium	160-2	67	40	63	57	25.64	cps
Holmium	165-1	25472161	25678199	24337839	25162733	2.87	cps
Holmium	165-2	9725228	9893153	9736717	9785033	0.96	cps
Indium	115-1	22532603	21666076	21109305	21769328	3.29	cps
Indium	115-2	2625469	2584846	2635630	2615315	1.03	cps
Iron	54-2	330097	334220	330126	331481	0.72	cps
Iron	56-2	6179985	6224691	6129935	6178204	0.77	cps
Iron	57-2	149589	150762	147270	149207	1.19	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:07:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	510	540	571	14.23	cps
Lead	206-1	2075346	2123265	2144593	2114401	1.68	cps
Lead	207-1	1784649	1819759	1870183	1824864	2.36	cps
Lead	208-1	8229165	8458824	8639325	8442438	2.43	cps
Lithium	6-1	10781437	10764243	9977078	10507586	4.37	cps
Magnesium	24-2	1235573	1248667	1216505	1233582	1.31	cps
Manganese	55-2	703724	715036	704444	707735	0.89	cps
Molybdenum	94-1	1230670	1246517	1229082	1235423	0.78	cps
Molybdenum	95-1	1538253	1543781	1512673	1531569	1.08	cps
Molybdenum	96-1	1706284	1761986	1739038	1735769	1.61	cps
Molybdenum	97-1	947297	943355	946048	945567	0.21	cps
Molybdenum	98-1	2437557	2460104	2448912	2448858	0.46	cps
Neodymium	150-1	53	27	53	44	34.63	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	78391	77976	78823	78397	0.54	cps
Phosphorus	31-2	4109	4042	4042	4065	0.95	cps
Potassium	39-2	391483	393756	388163	391134	0.72	cps
Rhodium	103-1	21499680	20940080	20845892	21095217	1.68	cps
Rhodium	103-2	8567956	8453732	8730067	8583918	1.62	cps
Scandium	45-1	16643708	16526054	15523176	16230979	3.79	cps
Scandium	45-2	412026	418751	407908	412895	1.33	cps
Selenium	82-1	11295	11811	11779	11628	2.49	cps
Selenium	77-2	250	233	230	238	4.51	cps
Selenium	78-2	963	900	900	921	3.95	cps
Silicon	28-1	998616	1019214	856883	958238	9.22	cps
Silver	107-1	760317	759864	770598	763593	0.80	cps
Silver	109-1	718358	730169	728286	725604	0.87	cps
Sodium	23-2	2349031	2393585	2372450	2371689	0.94	cps
Strontium	86-1	1982357	2011380	1986048	1993261	0.79	cps
Strontium	88-1	16920460	16923418	16831334	16891737	0.31	cps
Sulfur	34-1	653717	649716	647380	650271	0.49	cps
Terbium	159-1	26328559	26523067	25128371	25993332	2.91	cps
Terbium	159-2	9615478	9512465	9664676	9597540	0.81	cps
Thallium	203-1	483666	492187	504226	493359	2.09	cps
Thallium	205-1	1154920	1197269	1206822	1186337	2.33	cps
Tin	118-1	484820	481034	482970	482941	0.39	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:07:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	482204	489984	482670	484953	0.90	cps
Uranium	238-1	1491256	1508196	1567826	1522426	2.64	cps
Vanadium	51-2	118446	118721	119212	118793	0.33	cps
Ytterbium	172-1	117	83	75	92	24.05	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	3234	3125	2784	3048	7.71	cps
Ytterbium	176-2	2300	2334	2389	2341	1.92	cps
Yttrium	89-1	35709744	34619325	32848132	34392401	4.20	cps
Yttrium	89-2	2916743	2903009	2868868	2896207	0.85	cps
Zinc	66-2	249726	250556	247204	249162	0.70	cps
Zirconium	90-1	998246	1010831	993796	1000958	0.88	cps
Zirconium	91-1	216979	224349	222415	221248	1.73	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:10:29 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198956	194964	192129	195350	1.76	cps
Antimony	121-1	1308516	1345640	1337009	1330388	1.46	cps
Arsenic	75-2	33042	33048	32856	32982	0.33	cps
Barium	135-1	1640101	1674563	1661779	1658814	1.05	cps
Barium	137-1	2855189	2846932	2851323	2851148	0.14	cps
Beryllium	9-1	446766	453276	457293	452445	1.17	cps
Bismuth	209-1	16032757	15218841	15719808	15657135	2.62	cps
Bismuth	209-2	7152238	7229467	7042800	7141501	1.31	cps
Boron	10-1	50418	54799	56493	53903	5.82	cps
Boron	11-1	237521	255633	264972	252709	5.52	cps
Bromine	81-1	8411	7900	8201	8171	3.14	cps
Cadmium	111-1	359522	360490	356560	358857	0.57	cps
Cadmium	106-1	50008	51012	50151	50390	1.08	cps
Cadmium	108-1	28296	28400	29018	28571	1.37	cps
Calcium	43-1	537669	539948	539646	539088	0.23	cps
Calcium	44-1	8442592	8656890	8522890	8540791	1.27	cps
Carbon	12-1	7253434	7473060	7532171	7419555	1.98	cps
Carbon	12-2	72396	72345	74464	73068	1.65	cps
Chlorine	35-1	309486	310418	310286	310063	0.16	cps
Chlorine	35-2	1725	1750	1592	1689	5.04	cps
Chromium	52-2	381773	373359	377341	377491	1.12	cps
Cobalt	59-2	709402	695618	698570	701196	1.04	cps
Copper	63-2	5351120	5334943	5395358	5360474	0.58	cps
Dysprosium	156-1	117	92	108	106	12.06	cps
Dysprosium	156-2	53	43	27	41	32.76	cps
Erbium	164-1	192	158	200	183	12.03	cps
Erbium	164-2	47	87	60	64	31.60	cps
Gadolinium	160-1	233	225	217	225	3.70	cps
Gadolinium	160-2	87	97	110	98	11.97	cps
Holmium	165-1	25290776	24847697	25297848	25145441	1.03	cps
Holmium	165-2	9422164	9713332	9765034	9633510	1.92	cps
Indium	115-1	22300451	20989460	21975227	21755046	3.14	cps
Indium	115-2	2539040	2578169	2582347	2566518	0.93	cps
Iron	54-2	824676	829785	825440	826634	0.33	cps
Iron	56-2	15249786	15132274	15237716	15206592	0.43	cps
Iron	57-2	365651	367584	367458	366897	0.29	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:10:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	473	637	513	541	15.73	cps
Lead	206-1	5238396	5266455	5194937	5233263	0.69	cps
Lead	207-1	4499108	4519247	4567267	4528541	0.77	cps
Lead	208-1	20802832	20848633	20885808	20845758	0.20	cps
Lithium	6-1	10291476	9757772	10286114	10111787	3.03	cps
Magnesium	24-2	3108688	3049797	2993454	3050646	1.89	cps
Manganese	55-2	1779192	1768373	1817543	1788370	1.44	cps
Molybdenum	94-1	2995972	3024694	3135920	3052195	2.42	cps
Molybdenum	95-1	3751837	3794853	3799847	3782179	0.70	cps
Molybdenum	96-1	4192462	4308278	4284528	4261756	1.44	cps
Molybdenum	97-1	2268318	2318048	2415267	2333878	3.20	cps
Molybdenum	98-1	5887057	5991701	6121898	6000219	1.96	cps
Neodymium	150-1	80	67	60	69	14.78	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	192829	193262	192902	192998	0.12	cps
Phosphorus	31-2	10704	10663	10779	10715	0.55	cps
Potassium	39-2	952501	936631	948542	945892	0.87	cps
Rhodium	103-1	20998291	20018706	20901142	20639379	2.61	cps
Rhodium	103-2	8265542	8426550	8401959	8364684	1.04	cps
Scandium	45-1	15964961	15720841	15825834	15837212	0.77	cps
Scandium	45-2	412243	413662	415534	413813	0.40	cps
Selenium	82-1	28089	28573	28969	28544	1.54	cps
Selenium	77-2	700	573	587	620	11.23	cps
Selenium	78-2	2230	2204	2225	2220	0.62	cps
Silicon	28-1	1499669	1604162	1656209	1586680	5.02	cps
Silver	107-1	1932122	1958981	1935169	1942091	0.76	cps
Silver	109-1	1755848	1779025	1844451	1793108	2.56	cps
Sodium	23-2	5912514	5690815	5662142	5755157	2.38	cps
Strontium	86-1	4825517	4825926	4901802	4851081	0.91	cps
Strontium	88-1	42017098	42236224	42127474	42126932	0.26	cps
Sulfur	34-1	740127	741832	736685	739548	0.35	cps
Terbium	159-1	26331442	25795955	26214053	26113817	1.08	cps
Terbium	159-2	9486333	9602047	9563360	9550580	0.62	cps
Thallium	203-1	1226956	1246942	1227178	1233692	0.93	cps
Thallium	205-1	3059808	3046052	3068756	3058205	0.37	cps
Tin	118-1	1182899	1176847	1186533	1182093	0.41	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:10:29	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1199896	1223197	1192751	1205281	1.32	cps
Uranium	238-1	3978622	3943696	3916889	3946403	0.78	cps
Vanadium	51-2	293430	295925	297166	295507	0.64	cps
Ytterbium	172-1	33	67	67	56	34.65	cps
Ytterbium	172-2	22	17	50	30	60.27	cps
Ytterbium	176-1	2750	2942	3000	2898	4.51	cps
Ytterbium	176-2	2200	2334	2145	2226	4.36	cps
Yttrium	89-1	34325070	33323231	34982815	34210372	2.44	cps
Yttrium	89-2	2856183	2879255	2849891	2861776	0.54	cps
Zinc	66-2	611867	618610	614618	615032	0.55	cps
Zirconium	90-1	2533032	2588527	2562823	2561461	1.08	cps
Zirconium	91-1	550902	572601	562674	562059	1.93	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379535	380869	381999	380801	0.32	cps
Antimony	121-1	2637091	2577885	2608880	2607952	1.14	cps
Arsenic	75-2	64601	64213	64565	64460	0.33	cps
Barium	135-1	3275087	3252383	3115236	3214235	2.69	cps
Barium	137-1	5518317	5542948	5370409	5477225	1.70	cps
Beryllium	9-1	892514	891847	877663	887341	0.95	cps
Bismuth	209-1	15498681	15519926	14965777	15328128	2.05	cps
Bismuth	209-2	6231952	6950058	7000834	6727615	6.39	cps
Boron	10-1	102494	106507	113490	107497	5.18	cps
Boron	11-1	481834	505522	515341	500899	3.44	cps
Bromine	81-1	8091	8161	8231	8161	0.86	cps
Cadmium	111-1	694562	701066	699021	698216	0.48	cps
Cadmium	106-1	86462	88979	89517	88319	1.85	cps
Cadmium	108-1	55988	55758	55357	55701	0.57	cps
Calcium	43-1	1065103	1065640	1070803	1067182	0.29	cps
Calcium	44-1	16804504	17009128	16721258	16844963	0.88	cps
Carbon	12-1	7907609	8066211	8222609	8065476	1.95	cps
Carbon	12-2	82381	83185	84669	83412	1.39	cps
Chlorine	35-1	310074	311443	308522	310013	0.47	cps
Chlorine	35-2	2009	1642	1692	1781	11.17	cps
Chromium	52-2	732634	731947	733216	732599	0.09	cps
Cobalt	59-2	1372204	1367594	1372751	1370849	0.21	cps
Copper	63-2	10573765	10324009	10583061	10493612	1.40	cps
Dysprosium	156-1	233	217	133	194	27.55	cps
Dysprosium	156-2	70	70	63	68	5.68	cps
Erbium	164-1	217	150	233	200	22.05	cps
Erbium	164-2	50	37	80	56	39.95	cps
Gadolinium	160-1	325	408	317	350	14.48	cps
Gadolinium	160-2	140	113	107	120	14.70	cps
Holmium	165-1	25606209	24704189	24430176	24913525	2.47	cps
Holmium	165-2	8660229	9280339	9373141	9104570	4.26	cps
Indium	115-1	21179514	21173277	20993630	21115474	0.50	cps
Indium	115-2	2177541	2466650	2471427	2371872	7.10	cps
Iron	54-2	1647289	1660064	1580083	1629145	2.64	cps
Iron	56-2	29820103	29582922	29701014	29701346	0.40	cps
Iron	57-2	719358	724189	722776	722108	0.34	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:13:33 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	540	660	573	13.21	cps
Lead	206-1	10307428	10082900	10020146	10136825	1.49	cps
Lead	207-1	8947033	8760100	8909407	8872180	1.11	cps
Lead	208-1	41261000	40516202	40268526	40681909	1.27	cps
Lithium	6-1	9803363	10165971	10079828	10016388	1.89	cps
Magnesium	24-2	5853513	5858081	5923160	5878251	0.66	cps
Manganese	55-2	3533914	3424981	3359559	3439485	2.56	cps
Molybdenum	94-1	6067948	6069142	6061719	6066269	0.07	cps
Molybdenum	95-1	7375644	7419014	7347853	7380837	0.49	cps
Molybdenum	96-1	8238329	8296504	8321225	8285353	0.51	cps
Molybdenum	97-1	4592737	4604165	4588399	4595100	0.18	cps
Molybdenum	98-1	11976304	11842371	11693770	11837482	1.19	cps
Neodymium	150-1	193	147	147	162	16.61	cps
Neodymium	150-2	13	20	23	19	26.96	cps
Nickel	60-2	374269	381256	372333	375953	1.25	cps
Phosphorus	31-2	19288	19514	18921	19241	1.55	cps
Potassium	39-2	1852028	1855605	1835235	1847623	0.59	cps
Rhodium	103-1	20386060	20631671	20215229	20410987	1.03	cps
Rhodium	103-2	7183029	8119674	8058169	7786957	6.73	cps
Scandium	45-1	15885945	15922899	15768783	15859209	0.51	cps
Scandium	45-2	359705	396515	393015	383079	5.30	cps
Selenium	82-1	56157	56320	56267	56248	0.15	cps
Selenium	77-2	1203	1203	1260	1222	2.68	cps
Selenium	78-2	4230	4381	4257	4289	1.88	cps
Silicon	28-1	2749128	2904760	3002583	2885490	4.43	cps
Silver	107-1	3726464	3712333	3811861	3750219	1.44	cps
Silver	109-1	3593088	3608331	3467665	3556361	2.17	cps
Sodium	23-2	11175989	11207110	11263873	11215657	0.40	cps
Strontium	86-1	9484856	9604730	9522442	9537343	0.64	cps
Strontium	88-1	82037175	81993714	81345054	81791981	0.47	cps
Sulfur	34-1	920789	897972	910001	909587	1.25	cps
Terbium	159-1	25811076	26570864	25886580	26089507	1.60	cps
Terbium	159-2	8200631	9273591	9257405	8910542	6.90	cps
Thallium	203-1	2552664	2488073	2442643	2494460	2.22	cps
Thallium	205-1	5972436	5967666	5687712	5875938	2.77	cps
Tin	118-1	2286042	2315270	2268852	2290055	1.02	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:13:33	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2378786	2350093	2288857	2339246	1.96	cps
Uranium	238-1	7666630	7889544	7589108	7715094	2.02	cps
Vanadium	51-2	579280	573468	579229	577326	0.58	cps
Ytterbium	172-1	42	58	58	53	18.23	cps
Ytterbium	172-2	28	33	61	41	43.83	cps
Ytterbium	176-1	2917	2725	2709	2784	4.16	cps
Ytterbium	176-2	1967	2300	2089	2119	7.96	cps
Yttrium	89-1	33494384	33698868	33143664	33445638	0.84	cps
Yttrium	89-2	2445551	2776447	2776147	2666048	7.16	cps
Zinc	66-2	1184395	1196840	1189261	1190165	0.53	cps
Zirconium	90-1	4909495	4847381	4964087	4906988	1.19	cps
Zirconium	91-1	1098379	1083199	1107848	1096475	1.13	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	768140	765421	765516	766359	0.20	cps
Antimony	121-1	5248001	5264942	5424569	5312504	1.83	cps
Arsenic	75-2	131210	131200	130961	131124	0.11	cps
Barium	135-1	6484709	6412552	6397103	6431455	0.73	cps
Barium	137-1	11137834	11109985	10911363	11053061	1.12	cps
Beryllium	9-1	1759176	1765093	1801525	1775264	1.29	cps
Bismuth	209-1	15284100	15413310	14878569	15191993	1.84	cps
Bismuth	209-2	7017904	7132329	6588334	6912856	4.15	cps
Boron	10-1	199286	213125	220759	211056	5.16	cps
Boron	11-1	877678	929515	953099	920097	4.19	cps
Bromine	81-1	8541	8211	7430	8061	7.08	cps
Cadmium	111-1	1370883	1389840	1398153	1386292	1.01	cps
Cadmium	106-1	164001	166270	169018	166430	1.51	cps
Cadmium	108-1	107880	109199	110653	109244	1.27	cps
Calcium	43-1	2160884	2196471	2082336	2146564	2.72	cps
Calcium	44-1	33721685	33183457	33640512	33515218	0.87	cps
Carbon	12-1	9325592	9969941	10357165	9884233	5.27	cps
Carbon	12-2	104193	104832	106854	105293	1.32	cps
Chlorine	35-1	299782	307153	302728	303221	1.22	cps
Chlorine	35-2	1650	1742	1950	1781	8.63	cps
Chromium	52-2	1552081	1522785	1494172	1523013	1.90	cps
Cobalt	59-2	2829744	2844000	2795485	2823076	0.88	cps
Copper	63-2	20841877	21401630	20897808	21047105	1.46	cps
Dysprosium	156-1	333	358	383	358	6.98	cps
Dysprosium	156-2	117	120	160	132	18.24	cps
Erbium	164-1	267	250	275	264	4.82	cps
Erbium	164-2	93	100	87	93	7.14	cps
Gadolinium	160-1	467	425	558	483	14.11	cps
Gadolinium	160-2	237	280	207	241	15.29	cps
Holmium	165-1	25462936	25132218	25495313	25363489	0.79	cps
Holmium	165-2	9641016	10092684	9146180	9626627	4.92	cps
Indium	115-1	20989078	21322616	21530260	21280651	1.28	cps
Indium	115-2	2537234	2589876	2437218	2521443	3.08	cps
Iron	54-2	3345704	3367875	3334723	3349434	0.50	cps
Iron	56-2	59923912	60304001	59869662	60032525	0.39	cps
Iron	57-2	1523866	1497697	1518794	1513452	0.92	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	553	597	567	572	3.88	cps
Lead	206-1	20536700	20124230	20445034	20368655	1.06	cps
Lead	207-1	17612193	17278588	17700669	17530483	1.27	cps
Lead	208-1	81000656	80420952	80187725	80536444	0.52	cps
Lithium	6-1	9908014	10114204	10201077	10074431	1.49	cps
Magnesium	24-2	11974369	12030649	11645925	11883647	1.75	cps
Manganese	55-2	7019973	6979276	7007113	7002121	0.30	cps
Molybdenum	94-1	12010109	12106360	12276019	12130829	1.11	cps
Molybdenum	95-1	14882155	15021753	15149735	15017881	0.89	cps
Molybdenum	96-1	16534169	16680959	16939256	16718128	1.23	cps
Molybdenum	97-1	9046736	9233187	9126476	9135466	1.02	cps
Molybdenum	98-1	23656721	24115244	23800449	23857471	0.98	cps
Neodymium	150-1	333	307	320	320	4.17	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	755961	746486	743111	748519	0.89	cps
Phosphorus	31-2	41117	41234	39680	40677	2.13	cps
Potassium	39-2	3661303	3708486	3724224	3698004	0.89	cps
Rhodium	103-1	20257059	20314106	19924500	20165222	1.04	cps
Rhodium	103-2	8194936	8309352	7790533	8098274	3.37	cps
Scandium	45-1	15691087	15939221	16017591	15882633	1.07	cps
Scandium	45-2	410739	416538	394091	407123	2.86	cps
Selenium	82-1	110076	110609	112262	110982	1.03	cps
Selenium	77-2	2374	2514	2360	2416	3.52	cps
Selenium	78-2	8299	8571	8610	8493	1.99	cps
Silicon	28-1	5512146	5866150	6116140	5831479	5.20	cps
Silver	107-1	7131465	7193965	7338225	7221218	1.47	cps
Silver	109-1	7002865	6924803	6953226	6960298	0.57	cps
Sodium	23-2	22495519	22981736	22043286	22506847	2.09	cps
Strontium	86-1	18964855	19312961	18927220	19068345	1.12	cps
Strontium	88-1	163088637	165213758	162708812	163670402	0.82	cps
Sulfur	34-1	1121915	1117920	1102048	1113961	0.94	cps
Terbium	159-1	26846368	26426220	25874340	26382310	1.85	cps
Terbium	159-2	9607065	9772014	8935810	9438297	4.69	cps
Thallium	203-1	4935740	4926461	5044193	4968798	1.32	cps
Thallium	205-1	11654707	11567706	11672583	11631665	0.48	cps
Tin	118-1	4546873	4645328	4840787	4677662	3.20	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:16:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4626013	4602888	4718004	4648968	1.31	cps
Uranium	238-1	15144562	15569943	15451321	15388608	1.43	cps
Vanadium	51-2	1172948	1177858	1178093	1176300	0.25	cps
Ytterbium	172-1	83	58	58	67	21.66	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	2884	3050	2742	2892	5.34	cps
Ytterbium	176-2	2039	2117	1995	2050	3.02	cps
Yttrium	89-1	33740361	32901432	34044831	33562208	1.76	cps
Yttrium	89-2	2869950	2855051	2679848	2801616	3.77	cps
Zinc	66-2	2424279	2405495	2445001	2424925	0.81	cps
Zirconium	90-1	9787949	9782359	10051501	9873936	1.56	cps
Zirconium	91-1	2224996	2284414	2271540	2260317	1.38	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:19:42 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1541593	1562802	1526036	1543477	1.20	cps
Antimony	121-1	10348223	10243987	10304173	10298794	0.51	cps
Arsenic	75-2	259954	260957	261859	260924	0.37	cps
Barium	135-1	12805435	12926550	12921466	12884484	0.53	cps
Barium	137-1	22042393	21954015	22324965	22107124	0.88	cps
Beryllium	9-1	3337318	3362217	3365384	3354973	0.46	cps
Bismuth	209-1	15173751	14731731	15011707	14972397	1.49	cps
Bismuth	209-2	7029751	6987687	7092946	7036795	0.75	cps
Boron	10-1	410496	428401	434325	424407	2.92	cps
Boron	11-1	1760968	1802439	1903188	1822198	4.01	cps
Bromine	81-1	8491	8341	8962	8598	3.77	cps
Cadmium	111-1	2690230	2680958	2706334	2692507	0.48	cps
Cadmium	106-1	314174	319630	316693	316832	0.86	cps
Cadmium	108-1	214890	214634	217951	215825	0.86	cps
Calcium	43-1	4298569	4340902	4287270	4308914	0.66	cps
Calcium	44-1	68952321	66556321	68172409	67893683	1.80	cps
Carbon	12-1	11940552	12781904	13739463	12820640	7.02	cps
Carbon	12-2	138501	144265	143372	142046	2.18	cps
Chlorine	35-1	319510	320790	321353	320551	0.29	cps
Chlorine	35-2	1533	1600	1442	1525	5.21	cps
Chromium	52-2	3002001	3056020	3074778	3044266	1.24	cps
Cobalt	59-2	5518653	5415859	5572189	5502234	1.44	cps
Copper	63-2	41966300	41958166	41366319	41763595	0.82	cps
Dysprosium	156-1	658	608	667	644	4.90	cps
Dysprosium	156-2	243	267	290	267	8.75	cps
Erbium	164-1	333	250	358	314	18.07	cps
Erbium	164-2	103	90	100	98	7.10	cps
Gadolinium	160-1	992	708	975	892	17.83	cps
Gadolinium	160-2	363	377	333	358	6.20	cps
Holmium	165-1	25501536	25636091	25431247	25522958	0.41	cps
Holmium	165-2	10016248	9827247	9956696	9933397	0.97	cps
Indium	115-1	21124417	21307238	21372123	21267926	0.60	cps
Indium	115-2	2558304	2527898	2511853	2532685	0.93	cps
Iron	54-2	6537095	6557376	6596755	6563742	0.46	cps
Iron	56-2	120797144	117245736	121044450	119695777	1.78	cps
Iron	57-2	3054258	2930085	2976331	2986891	2.10	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:19:42 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	553	683	614	10.64	cps
Lead	206-1	40283829	39885386	40549273	40239496	0.83	cps
Lead	207-1	34680292	35081545	35163105	34974981	0.74	cps
Lead	208-1	159310058	159164816	161754886	160076587	0.91	cps
Lithium	6-1	9758419	10032381	9697481	9829427	1.81	cps
Magnesium	24-2	23329041	23328802	23159396	23272413	0.42	cps
Manganese	55-2	13994936	13823630	14104500	13974355	1.01	cps
Molybdenum	94-1	23937763	24102291	24353625	24131226	0.87	cps
Molybdenum	95-1	29792792	30049627	29882078	29908166	0.44	cps
Molybdenum	96-1	33358710	33370034	33733826	33487523	0.64	cps
Molybdenum	97-1	18229376	17852473	18685476	18255775	2.28	cps
Molybdenum	98-1	48496371	47543995	48215299	48085222	1.02	cps
Neodymium	150-1	493	620	727	613	19.04	cps
Neodymium	150-2	27	47	30	34	31.11	cps
Nickel	60-2	1524037	1531129	1556623	1537263	1.11	cps
Phosphorus	31-2	82787	80617	82141	81848	1.36	cps
Potassium	39-2	7310728	7328750	7497334	7378937	1.39	cps
Rhodium	103-1	20000186	19973263	20201159	20058203	0.62	cps
Rhodium	103-2	8172725	8083408	8206068	8154067	0.78	cps
Scandium	45-1	16250497	16103034	16447951	16267161	1.06	cps
Scandium	45-2	415447	419009	423670	419376	0.98	cps
Selenium	82-1	216371	216425	219861	217552	0.92	cps
Selenium	77-2	4684	4794	4908	4795	2.33	cps
Selenium	78-2	16813	16807	17375	16998	1.92	cps
Silicon	28-1	10601454	11044843	11459642	11035313	3.89	cps
Silver	107-1	13988540	14455577	14460870	14301662	1.90	cps
Silver	109-1	13611168	13700886	13434797	13582284	1.00	cps
Sodium	23-2	45557579	45853528	45054315	45488474	0.89	cps
Strontium	86-1	37658379	38298033	38623797	38193403	1.29	cps
Strontium	88-1	325846682	329996982	326424132	327422599	0.69	cps
Sulfur	34-1	1695521	1696498	1706807	1699609	0.37	cps
Terbium	159-1	26636793	26314125	27302380	26751099	1.88	cps
Terbium	159-2	9619274	9625935	9604419	9616543	0.11	cps
Thallium	203-1	9698116	9920451	9843664	9820744	1.15	cps
Thallium	205-1	23420653	23156755	23605730	23394379	0.96	cps
Tin	118-1	9281252	9233816	9098115	9204394	1.03	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:19:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9470998	9230469	9613157	9438208	2.05	cps
Uranium	238-1	31216341	31347570	31396041	31319984	0.30	cps
Vanadium	51-2	2331939	2379286	2383248	2364824	1.21	cps
Ytterbium	172-1	67	67	83	72	13.33	cps
Ytterbium	172-2	11	17	61	30	92.49	cps
Ytterbium	176-1	3276	2867	2875	3006	7.77	cps
Ytterbium	176-2	1839	2345	2172	2119	12.13	cps
Yttrium	89-1	33782447	35227356	33805345	34271716	2.42	cps
Yttrium	89-2	2837473	2894237	2900829	2877513	1.21	cps
Zinc	66-2	4781443	4757795	4765816	4768352	0.25	cps
Zirconium	90-1	19663939	19878442	20029072	19857151	0.92	cps
Zirconium	91-1	4397514	4486989	4458967	4447823	1.03	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7830473	7769657	7938441	7846190	1.09	cps
Antimony	121-1	9837	9303	10204	9782	4.63	cps
Arsenic	75-2	91	81	88	87	5.92	cps
Barium	135-1	4059	4317	4009	4129	4.01	cps
Barium	137-1	8036	7861	6635	7511	10.16	cps
Beryllium	9-1	598	464	380	481	22.88	cps
Bismuth	209-1	12767106	13208599	12945549	12973751	1.71	cps
Bismuth	209-2	6204494	6457490	6420728	6360904	2.15	cps
Boron	10-1	45842	41149	39044	42012	8.28	cps
Boron	11-1	211417	193623	181968	195669	7.58	cps
Bromine	81-1	9112	9022	10104	9413	6.38	cps
Cadmium	111-1	2304	2410	2533	2415	4.76	cps
Cadmium	106-1	8536	9520	9529	9195	6.21	cps
Cadmium	108-1	363	296	342	333	10.23	cps
Calcium	43-1	20037695	20413606	20452447	20301249	1.13	cps
Calcium	44-1	327701558	333009644	336445965	332385722	1.33	cps
Carbon	12-1	8191894	8327858	8492195	8337316	1.80	cps
Carbon	12-2	90538	90923	88617	90026	1.37	cps
Chlorine	35-1	295917	296425	303914	298752	1.50	cps
Chlorine	35-2	1517	1950	1492	1653	15.59	cps
Chromium	52-2	19957	20338	20108	20134	0.95	cps
Cobalt	59-2	8509	7459	8062	8010	6.58	cps
Copper	63-2	13864	13577	13593	13678	1.18	cps
Dysprosium	156-1	1825	1850	1842	1839	0.69	cps
Dysprosium	156-2	730	757	813	767	5.55	cps
Erbium	164-1	408	408	333	383	11.30	cps
Erbium	164-2	157	180	163	167	7.21	cps
Gadolinium	160-1	1875	1992	1959	1942	3.10	cps
Gadolinium	160-2	933	1023	1007	988	4.85	cps
Holmium	165-1	23976101	24057079	24630463	24221214	1.47	cps
Holmium	165-2	9327996	9729236	9636620	9564617	2.20	cps
Indium	115-1	19037420	19909780	20606397	19851199	3.96	cps
Indium	115-2	2473508	2558920	2488286	2506904	1.82	cps
Iron	54-2	31357546	31555353	31262973	31391957	0.48	cps
Iron	56-2	589714480	586824013	591795302	589444598	0.42	cps
Iron	57-2	14150178	14455594	14506212	14370661	1.34	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	660	673	657	2.83	cps
Lead	206-1	21507	21151	19521	20726	5.11	cps
Lead	207-1	20272	18252	17718	18747	7.18	cps
Lead	208-1	88446	83138	79535	83706	5.35	cps
Lithium	6-1	9242534	9511582	9490466	9414860	1.59	cps
Magnesium	24-2	115857328	114350161	116123661	115443716	0.83	cps
Manganese	55-2	10778	10397	10401	10525	2.08	cps
Molybdenum	94-1	10371	8628	8795	9264	10.38	cps
Molybdenum	95-1	13440	12064	11839	12448	6.96	cps
Molybdenum	96-1	17812	17503	15434	16916	7.64	cps
Molybdenum	97-1	8386	7269	6977	7544	9.86	cps
Molybdenum	98-1	20808	19698	18012	19506	7.22	cps
Neodymium	150-1	20	47	47	38	40.76	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	7362	6968	6918	7083	3.43	cps
Phosphorus	31-2	158	67	192	139	46.60	cps
Potassium	39-2	37861980	38100709	37966635	37976441	0.32	cps
Rhodium	103-1	17514536	18011543	18438084	17988054	2.57	cps
Rhodium	103-2	7505553	7731637	7603096	7613428	1.49	cps
Scandium	45-1	14736966	15310746	15459823	15169178	2.52	cps
Scandium	45-2	415617	420090	426382	420696	1.29	cps
Selenium	82-1	41	1	13	18	112.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	27	34	29	15.03	cps
Silicon	28-1	1247292	1298581	1327620	1291164	3.15	cps
Silver	107-1	5184	4818	4209	4737	10.40	cps
Silver	109-1	5293	4534	4167	4665	12.30	cps
Sodium	23-2	221125213	221713538	226625288	223154680	1.35	cps
Strontium	86-1	13674	12064	11805	12514	8.09	cps
Strontium	88-1	112526	102232	94779	103179	8.64	cps
Sulfur	34-1	475946	474752	487457	479385	1.46	cps
Terbium	159-1	24359265	24417198	25147049	24641170	1.78	cps
Terbium	159-2	9409269	9678636	9500129	9529345	1.44	cps
Thallium	203-1	3059	2825	2475	2787	10.54	cps
Thallium	205-1	7127	6302	6068	6499	8.56	cps
Tin	118-1	5401	5585	5051	5346	5.07	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:22:47	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3976	3651	3576	3734	5.70	cps
Uranium	238-1	5693	5043	4559	5098	11.16	cps
Vanadium	51-2	520	557	473	517	8.08	cps
Ytterbium	172-1	100	117	75	97	21.57	cps
Ytterbium	172-2	56	50	39	48	17.63	cps
Ytterbium	176-1	2625	3084	2750	2820	8.40	cps
Ytterbium	176-2	1867	2067	1878	1937	5.80	cps
Yttrium	89-1	31859432	32651980	33133221	32548211	1.98	cps
Yttrium	89-2	2905956	2994481	2922286	2940908	1.60	cps
Zinc	66-2	9160	9273	9353	9262	1.05	cps
Zirconium	90-1	6218	6218	5710	6049	4.85	cps
Zirconium	91-1	1258	1292	1075	1208	9.66	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICV027 Instrumnet Name : P8
 Client Sample ID : ICV027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:45:07 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37779	38274	37026	37693	1.67	cps
Antimony	121-1	2079697	2071420	2111872	2087663	1.02	cps
Arsenic	75-2	53339	53125	52476	52980	0.85	cps
Barium	135-1	257522	258010	260313	258615	0.58	cps
Barium	137-1	458554	452555	459021	456710	0.79	cps
Beryllium	9-1	351215	349591	351272	350692	0.27	cps
Bismuth	209-1	15750787	15715880	16232483	15899717	1.82	cps
Bismuth	209-2	7475307	7474105	7348149	7432520	0.98	cps
Boron	10-1	191087	207959	218492	205846	6.72	cps
Boron	11-1	867194	869325	893569	876696	1.67	cps
Bromine	81-1	8151	8451	8211	8271	1.92	cps
Cadmium	111-1	289228	295886	290628	291914	1.20	cps
Cadmium	106-1	62451	63464	62970	62962	0.80	cps
Cadmium	108-1	34840	34309	35095	34748	1.15	cps
Calcium	43-1	95274	95119	94239	94877	0.59	cps
Calcium	44-1	1526734	1506663	1496624	1510007	1.02	cps
Carbon	12-1	6697382	6708608	6630112	6678701	0.64	cps
Carbon	12-2	63053	63622	63186	63287	0.47	cps
Chlorine	35-1	485135	521805	537193	514711	5.20	cps
Chlorine	35-2	2800	3467	3317	3195	10.95	cps
Chromium	52-2	295587	295317	293495	294800	0.39	cps
Cobalt	59-2	558816	554909	552297	555341	0.59	cps
Copper	63-2	434111	433247	429740	432366	0.54	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	0	20	13	11	91.66	cps
Erbium	164-1	117	133	200	150	29.40	cps
Erbium	164-2	103	90	23	72	59.35	cps
Gadolinium	160-1	133	150	150	144	6.66	cps
Gadolinium	160-2	77	60	60	66	14.68	cps
Holmium	165-1	24930811	24837026	26872519	25546785	4.50	cps
Holmium	165-2	9792114	9969940	9760490	9840848	1.15	cps
Indium	115-1	21150607	21740834	21512707	21468050	1.39	cps
Indium	115-2	2586536	2637365	2587983	2603961	1.11	cps
Iron	54-2	261931	258805	261302	260679	0.63	cps
Iron	56-2	4758636	4730441	4594647	4694575	1.87	cps
Iron	57-2	114775	114411	110969	113385	1.85	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICV027	Instrumnet Name :	P8
Client Sample ID :	ICV027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:45:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	643	557	607	7.39	cps
Lead	206-1	1853001	1842468	1946320	1880597	3.04	cps
Lead	207-1	1463619	1484266	1538869	1495585	2.60	cps
Lead	208-1	7262534	7136810	7463083	7287476	2.26	cps
Lithium	6-1	10573816	10036032	10322033	10310627	2.61	cps
Magnesium	24-2	272999	269757	264572	269109	1.58	cps
Manganese	55-2	134571	134834	133256	134220	0.63	cps
Molybdenum	94-1	11949701	11953079	12168266	12023682	1.04	cps
Molybdenum	95-1	14823383	14921448	14982621	14909151	0.54	cps
Molybdenum	96-1	16524772	16689756	16474989	16563172	0.68	cps
Molybdenum	97-1	9073529	9159352	9106709	9113197	0.47	cps
Molybdenum	98-1	23448017	24183372	23771047	23800812	1.55	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	154560	155033	153341	154311	0.57	cps
Phosphorus	31-2	108	125	158	131	19.50	cps
Potassium	39-2	302864	297513	289576	296651	2.25	cps
Rhodium	103-1	21070673	21427245	21296241	21264720	0.85	cps
Rhodium	103-2	8441340	8709098	8662191	8604210	1.66	cps
Scandium	45-1	16334018	16228069	16027177	16196421	0.96	cps
Scandium	45-2	408589	410125	408823	409179	0.20	cps
Selenium	82-1	46379	46478	46494	46450	0.13	cps
Selenium	77-2	1083	1007	930	1007	7.62	cps
Selenium	78-2	3509	3592	3503	3534	1.41	cps
Silicon	28-1	721840	803535	864862	796746	9.01	cps
Silver	107-1	717359	739296	749796	735484	2.25	cps
Silver	109-1	697876	701939	702908	700908	0.38	cps
Sodium	23-2	908396	902491	884343	898410	1.40	cps
Strontium	86-1	2129979	2156745	2178253	2154992	1.12	cps
Strontium	88-1	18789721	18153776	17931923	18291806	2.43	cps
Sulfur	34-1	535292	521575	519642	525503	1.62	cps
Terbium	159-1	25761376	26005275	27071863	26279505	2.65	cps
Terbium	159-2	9636902	9853476	9752434	9747604	1.11	cps
Thallium	203-1	2267069	2366371	2386646	2340028	2.73	cps
Thallium	205-1	5383217	5403180	5697043	5494480	3.20	cps
Tin	118-1	4433544	4427531	4479984	4447020	0.65	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICV027	Instrumnet Name :	P8
Client Sample ID :	ICV027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:45:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4678505	4647158	4620954	4648872	0.62	cps
Uranium	238-1	15116894	15041935	15288214	15149014	0.83	cps
Vanadium	51-2	229116	232142	230188	230482	0.67	cps
Ytterbium	172-1	75	92	67	78	16.37	cps
Ytterbium	172-2	33	33	22	30	21.65	cps
Ytterbium	176-1	2834	2867	2909	2870	1.31	cps
Ytterbium	176-2	3206	3378	3417	3334	3.37	cps
Yttrium	89-1	34972148	33972052	34177704	34373968	1.54	cps
Yttrium	89-2	2906538	2886812	2882335	2891895	0.45	cps
Zinc	66-2	97036	95587	95590	96071	0.87	cps
Zirconium	90-1	9969874	9573842	9682392	9742036	2.10	cps
Zirconium	91-1	2203023	2223580	2203546	2210050	0.53	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICB027 Instrumnet Name : P8
 Client Sample ID : ICB027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:51:51 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234	269	220	241	10.44	cps
Antimony	121-1	433	425	675	511	27.78	cps
Arsenic	75-2	8	10	6	8	25.00	cps
Barium	135-1	308	342	358	336	7.57	cps
Barium	137-1	350	467	458	425	15.31	cps
Beryllium	9-1	38	48	42	43	11.80	cps
Bismuth	209-1	16203029	15012079	15573204	15596104	3.82	cps
Bismuth	209-2	7288187	7295086	7211470	7264914	0.64	cps
Boron	10-1	8767	8949	8287	8668	3.95	cps
Boron	11-1	41063	40397	38980	40147	2.65	cps
Bromine	81-1	8281	8592	8101	8324	2.98	cps
Cadmium	111-1	1866	1664	1924	1818	7.51	cps
Cadmium	106-1	9195	8269	9654	9039	7.80	cps
Cadmium	108-1	33	63	63	53	31.91	cps
Calcium	43-1	657	615	609	627	4.23	cps
Calcium	44-1	32116	31822	32398	32112	0.90	cps
Carbon	12-1	6697497	6896339	6973070	6855635	2.07	cps
Carbon	12-2	65522	66828	64952	65767	1.46	cps
Chlorine	35-1	342274	343005	343917	343066	0.24	cps
Chlorine	35-2	1884	2184	1875	1981	8.87	cps
Chromium	52-2	937	1130	1017	1028	9.45	cps
Cobalt	59-2	130	110	113	118	9.10	cps
Copper	63-2	880	933	753	856	10.81	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	183	233	217	211	12.06	cps
Erbium	164-2	43	50	70	54	25.49	cps
Gadolinium	160-1	250	183	100	178	42.28	cps
Gadolinium	160-2	37	77	53	56	36.17	cps
Holmium	165-1	25666533	24711804	24860956	25079764	2.05	cps
Holmium	165-2	9721940	9946869	9595095	9754635	1.83	cps
Indium	115-1	22352211	21490640	22006745	21949865	1.98	cps
Indium	115-2	2621781	2615037	2604625	2613814	0.33	cps
Iron	54-2	383	367	361	370	3.12	cps
Iron	56-2	3651	3645	3489	3595	2.54	cps
Iron	57-2	106	50	50	69	46.81	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICB027 Instrumnet Name : P8
 Client Sample ID : ICB027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:51:51 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	437	593	610	547	17.49	cps
Lead	206-1	1261	1189	1095	1182	7.07	cps
Lead	207-1	944	972	1033	983	4.62	cps
Lead	208-1	4778	4434	4523	4578	3.91	cps
Lithium	6-1	10520328	10045537	9936985	10167617	3.05	cps
Magnesium	24-2	450	433	492	458	6.56	cps
Manganese	55-2	167	213	160	180	16.15	cps
Molybdenum	94-1	1000	1075	850	975	11.75	cps
Molybdenum	95-1	308	383	442	378	17.69	cps
Molybdenum	96-1	558	575	558	564	1.71	cps
Molybdenum	97-1	225	175	217	206	13.03	cps
Molybdenum	98-1	650	542	600	597	9.08	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	93	73	79	16.00	cps
Phosphorus	31-2	183	225	83	164	44.42	cps
Potassium	39-2	11780	12072	11230	11694	3.66	cps
Rhodium	103-1	21571463	20552425	21664418	21262769	2.90	cps
Rhodium	103-2	8661088	8523849	8551590	8578842	0.85	cps
Scandium	45-1	16594446	16038544	16220603	16284531	1.74	cps
Scandium	45-2	409138	406316	411053	408836	0.58	cps
Selenium	82-1	137	-26	-49	21	492.21	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	30	31	26	30.04	cps
Silicon	28-1	337802	338280	347635	341239	1.62	cps
Silver	107-1	283	300	275	286	4.45	cps
Silver	109-1	183	258	192	211	19.47	cps
Sodium	23-2	21783	20022	21425	21077	4.41	cps
Strontium	86-1	1150	1192	1058	1133	6.02	cps
Strontium	88-1	1834	1625	1934	1797	8.75	cps
Sulfur	34-1	543912	546661	548378	546317	0.41	cps
Terbium	159-1	26266238	24872650	25986400	25708429	2.87	cps
Terbium	159-2	9627595	9499180	9429562	9518779	1.06	cps
Thallium	203-1	692	533	592	606	13.22	cps
Thallium	205-1	1558	1900	1750	1736	9.87	cps
Tin	118-1	3967	3392	4118	3826	10.01	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICB027	Instrumnet Name :	P8
Client Sample ID :	ICB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:51:51	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	283	308	314	10.73	cps
Uranium	238-1	275	225	200	233	16.37	cps
Vanadium	51-2	23	7	13	14	58.06	cps
Ytterbium	172-1	108	50	117	92	39.63	cps
Ytterbium	172-2	39	22	33	31	26.96	cps
Ytterbium	176-1	2850	2684	2575	2703	5.13	cps
Ytterbium	176-2	2962	2784	2623	2789	6.08	cps
Yttrium	89-1	35717572	33655480	34006589	34459880	3.20	cps
Yttrium	89-2	2900130	2841235	2847194	2862853	1.13	cps
Zinc	66-2	697	650	647	664	4.21	cps
Zirconium	90-1	2242	2042	2017	2100	5.87	cps
Zirconium	91-1	358	400	425	394	8.54	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICSA027 Instrumnet Name : P8
 Client Sample ID : ICSA027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 13:54:52 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7154921	7330429	7207560	7230970	1.25	cps
Antimony	121-1	12623	11931	12898	12484	3.99	cps
Arsenic	75-2	74	85	96	85	12.94	cps
Barium	135-1	3692	3759	3717	3723	0.91	cps
Barium	137-1	6293	6685	6910	6630	4.71	cps
Beryllium	9-1	1014	994	888	965	7.01	cps
Bismuth	209-1	14566715	14708981	15131418	14802371	1.98	cps
Bismuth	209-2	6790238	6925340	6835081	6850220	1.00	cps
Boron	10-1	6570	6232	6456	6419	2.68	cps
Boron	11-1	30241	29391	29622	29752	1.48	cps
Bromine	81-1	10054	9453	9603	9703	3.22	cps
Cadmium	111-1	3461	3418	3477	3452	0.88	cps
Cadmium	106-1	8836	8695	8678	8736	1.00	cps
Cadmium	108-1	3296	3221	2942	3153	5.92	cps
Calcium	43-1	3951038	3944432	3927030	3940834	0.31	cps
Calcium	44-1	63726343	65054807	64456166	64412439	1.03	cps
Carbon	12-1	33871168	34136670	33611350	33873063	0.78	cps
Carbon	12-2	326745	330748	328164	328552	0.62	cps
Chlorine	35-1	17864123	23546830	27540365	22983773	21.16	cps
Chlorine	35-2	200339	220757	231360	217485	7.25	cps
Chromium	52-2	59540	60819	59326	59895	1.35	cps
Cobalt	59-2	6655	6482	6582	6573	1.32	cps
Copper	63-2	31689	31375	32297	31787	1.47	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	20	23	33	26	27.15	cps
Erbium	164-1	150	192	192	178	13.53	cps
Erbium	164-2	57	73	83	71	18.94	cps
Gadolinium	160-1	183	150	200	178	14.32	cps
Gadolinium	160-2	73	87	80	80	8.34	cps
Holmium	165-1	25100692	24969501	26245234	25438475	2.76	cps
Holmium	165-2	9875642	9859868	9892045	9875852	0.16	cps
Indium	115-1	20742728	21703031	22600188	21681982	4.28	cps
Indium	115-2	2548797	2624305	2565307	2579470	1.54	cps
Iron	54-2	12544258	12919220	12904765	12789414	1.66	cps
Iron	56-2	241988333	238290528	234017805	238098889	1.68	cps
Iron	57-2	5775937	5765339	5846728	5796001	0.76	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSA027	Instrumnet Name :	P8
Client Sample ID :	ICSA027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:54:52	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	580	657	620	6.20	cps
Lead	206-1	37014	38658	37661	37778	2.19	cps
Lead	207-1	29617	29868	28749	29412	2.00	cps
Lead	208-1	141263	143167	140253	141561	1.05	cps
Lithium	6-1	9609586	9715573	10197728	9840962	3.19	cps
Magnesium	24-2	22108461	22626267	21583741	22106156	2.36	cps
Manganese	55-2	10504	10494	10080	10359	2.33	cps
Molybdenum	94-1	6336676	6443091	6525180	6434983	1.47	cps
Molybdenum	95-1	11161411	11268466	11416458	11282111	1.14	cps
Molybdenum	96-1	12023647	12251470	12520184	12265100	2.03	cps
Molybdenum	97-1	7024378	7099749	7060967	7061698	0.53	cps
Molybdenum	98-1	18239460	17966170	18319284	18174971	1.02	cps
Neodymium	150-1	80	67	87	78	13.09	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	8026	8002	8046	8025	0.27	cps
Phosphorus	31-2	391929	393437	397548	394304	0.74	cps
Potassium	39-2	14254120	14269744	14233458	14252441	0.13	cps
Rhodium	103-1	19842242	19920153	20507890	20090095	1.81	cps
Rhodium	103-2	8207346	8310874	8220297	8246172	0.68	cps
Scandium	45-1	15832684	15862536	16834313	16176511	3.52	cps
Scandium	45-2	421231	416107	413683	417007	0.92	cps
Selenium	82-1	18	23	-84	-14	-417.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	27	28	26	7.91	cps
Silicon	28-1	563127	570564	574598	569430	1.02	cps
Silver	107-1	1050	867	933	950	9.77	cps
Silver	109-1	758	700	675	711	6.01	cps
Sodium	23-2	44373713	45103837	44072855	44516802	1.19	cps
Strontium	86-1	130861	130735	128858	130151	0.86	cps
Strontium	88-1	1125253	1132685	1147562	1135167	1.00	cps
Sulfur	34-1	6315885	6228663	6300861	6281803	0.74	cps
Terbium	159-1	26208178	26450790	27412373	26690447	2.39	cps
Terbium	159-2	9724367	9767397	9579309	9690358	1.02	cps
Thallium	203-1	975	1100	1200	1092	10.33	cps
Thallium	205-1	2017	2417	2942	2459	18.87	cps
Tin	118-1	4901	5710	5252	5287	7.67	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSA027	Instrumnet Name :	P8
Client Sample ID :	ICSA027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 13:54:52	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3838529	3732693	3873285	3814836	1.92	cps
Uranium	238-1	400	483	525	469	13.56	cps
Vanadium	51-2	350	343	290	328	10.03	cps
Ytterbium	172-1	50	92	117	86	39.11	cps
Ytterbium	172-2	33	11	33	26	49.49	cps
Ytterbium	176-1	2775	2825	2684	2761	2.60	cps
Ytterbium	176-2	2411	2484	2245	2380	5.15	cps
Yttrium	89-1	33322955	34939023	35268914	34510298	3.02	cps
Yttrium	89-2	2926081	2929976	2945707	2933922	0.35	cps
Zinc	66-2	5488	5598	5728	5605	2.14	cps
Zirconium	90-1	2625	2542	2684	2617	2.72	cps
Zirconium	91-1	358	392	517	422	19.77	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : ICSAB027 Instrumnet Name : P8
 Client Sample ID : ICSAB027 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:05:18 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7153065	7320114	7296094	7256425	1.24	cps
Antimony	121-1	220257	224895	219940	221698	1.25	cps
Arsenic	75-2	5442	5436	5517	5465	0.83	cps
Barium	135-1	55757	55749	55088	55531	0.69	cps
Barium	137-1	98248	97769	97744	97921	0.29	cps
Beryllium	9-1	69525	69348	69395	69423	0.13	cps
Bismuth	209-1	15098563	14831311	14616691	14848855	1.63	cps
Bismuth	209-2	7187403	6858163	6819174	6954913	2.91	cps
Boron	10-1	30832	32566	33678	32358	4.43	cps
Boron	11-1	145656	154642	158583	152960	4.33	cps
Bromine	81-1	10294	10405	10314	10338	0.57	cps
Cadmium	111-1	57642	56583	58041	57422	1.31	cps
Cadmium	106-1	16260	16277	16752	16430	1.70	cps
Cadmium	108-1	8069	8140	7748	7986	2.61	cps
Calcium	43-1	4122772	4065020	4056528	4081440	0.88	cps
Calcium	44-1	65554596	67042515	65624583	66073898	1.27	cps
Carbon	12-1	41922477	44443210	44283757	43549815	3.24	cps
Carbon	12-2	430618	435979	430196	432264	0.75	cps
Chlorine	35-1	25301675	30478499	35271375	30350516	16.43	cps
Chlorine	35-2	237384	254403	263103	251630	5.20	cps
Chromium	52-2	120550	119522	120120	120064	0.43	cps
Cobalt	59-2	115733	115353	115961	115682	0.27	cps
Copper	63-2	118420	117319	115765	117168	1.14	cps
Dysprosium	156-1	50	42	58	50	16.66	cps
Dysprosium	156-2	37	33	10	27	54.49	cps
Erbium	164-1	192	200	167	186	9.32	cps
Erbium	164-2	83	63	43	63	31.58	cps
Gadolinium	160-1	208	175	267	217	21.41	cps
Gadolinium	160-2	97	100	53	83	31.24	cps
Holmium	165-1	26303459	25959682	25381252	25881464	1.80	cps
Holmium	165-2	10181403	9845164	9771093	9932553	2.20	cps
Indium	115-1	21971601	22100901	21620415	21897639	1.14	cps
Indium	115-2	2607728	2528090	2517533	2551117	1.93	cps
Iron	54-2	12918019	12902668	12740927	12853871	0.76	cps
Iron	56-2	237898539	238823855	237253494	237991963	0.33	cps
Iron	57-2	5869989	5856643	5855408	5860680	0.14	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSAB027	Instrumnet Name :	P8
Client Sample ID :	ICSAB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:05:18	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	573	530	571	7.01	cps
Lead	206-1	194135	195671	191776	193861	1.01	cps
Lead	207-1	163121	161113	163307	162514	0.75	cps
Lead	208-1	751542	748360	748597	749500	0.24	cps
Lithium	6-1	10123646	9970546	10062437	10052210	0.77	cps
Magnesium	24-2	22309546	22676911	22544495	22510317	0.83	cps
Manganese	55-2	38523	37048	37459	37677	2.02	cps
Molybdenum	94-1	7097223	7132970	7187309	7139168	0.64	cps
Molybdenum	95-1	11820463	11726151	11601874	11716163	0.94	cps
Molybdenum	96-1	12700023	12916734	12565010	12727256	1.39	cps
Molybdenum	97-1	7219120	7213261	7172575	7201652	0.35	cps
Molybdenum	98-1	18851717	18744928	18740510	18779052	0.34	cps
Neodymium	150-1	73	47	67	62	22.30	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	38626	38094	37195	37972	1.90	cps
Phosphorus	31-2	392965	394723	401161	396283	1.09	cps
Potassium	39-2	14301786	14335815	14360123	14332575	0.20	cps
Rhodium	103-1	20795691	20463835	20546195	20601907	0.84	cps
Rhodium	103-2	8326644	8273996	8237380	8279340	0.54	cps
Scandium	45-1	16604411	17028329	16817092	16816611	1.26	cps
Scandium	45-2	435722	420120	421573	425805	2.02	cps
Selenium	82-1	4492	4471	4594	4519	1.45	cps
Selenium	77-2	110	87	43	80	42.29	cps
Selenium	78-2	391	377	375	381	2.29	cps
Silicon	28-1	662199	683044	703676	682973	3.04	cps
Silver	107-1	283043	281130	283613	282595	0.46	cps
Silver	109-1	260383	272473	265274	266043	2.29	cps
Sodium	23-2	45405717	46048228	46371341	45941762	1.07	cps
Strontium	86-1	388631	393991	390649	391091	0.69	cps
Strontium	88-1	3392322	3333124	3296163	3340536	1.45	cps
Sulfur	34-1	6466636	6342307	6476445	6428463	1.16	cps
Terbium	159-1	27159153	27105970	26870502	27045208	0.57	cps
Terbium	159-2	10028790	9875082	9778839	9894237	1.27	cps
Thallium	203-1	198532	198588	201401	199507	0.82	cps
Thallium	205-1	466023	477715	473376	472371	1.25	cps
Tin	118-1	586237	595192	575500	585643	1.68	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	ICSAB027	Instrumnet Name :	P8
Client Sample ID :	ICSAB027	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:05:18	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3860348	3886758	3986174	3911093	1.70	cps
Uranium	238-1	2028327	1974905	1988798	1997343	1.39	cps
Vanadium	51-2	47154	47830	47990	47658	0.93	cps
Ytterbium	172-1	83	100	83	89	10.82	cps
Ytterbium	172-2	56	28	33	39	37.80	cps
Ytterbium	176-1	2642	2450	2367	2486	5.67	cps
Ytterbium	176-2	2523	2356	2356	2411	3.99	cps
Yttrium	89-1	35785370	35819759	34740276	35448468	1.73	cps
Yttrium	89-2	2982013	2930592	2944575	2952394	0.90	cps
Zinc	66-2	15235	15081	15075	15130	0.60	cps
Zirconium	90-1	1303111	1313197	1295644	1303984	0.68	cps
Zirconium	91-1	288845	295408	289423	291225	1.25	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4080584	4001948	4168190	4083574	2.04	cps
Antimony	121-1	5329556	5405545	5308519	5347873	0.95	cps
Arsenic	75-2	141106	141677	141821	141535	0.27	cps
Barium	135-1	6544560	6648938	6585714	6593071	0.80	cps
Barium	137-1	11141910	11383846	11226474	11250743	1.09	cps
Beryllium	9-1	1714611	1768109	1789794	1757505	2.20	cps
Bismuth	209-1	14232424	14200078	14135464	14189322	0.35	cps
Bismuth	209-2	6637494	6699014	6518004	6618171	1.39	cps
Boron	10-1	205637	221453	227970	218354	5.26	cps
Boron	11-1	914555	976584	977449	956196	3.77	cps
Bromine	81-1	9633	9153	9643	9476	2.96	cps
Cadmium	111-1	1415644	1423868	1422593	1420702	0.31	cps
Cadmium	106-1	167645	170505	167544	168565	1.00	cps
Cadmium	108-1	112663	112735	115016	113472	1.18	cps
Calcium	43-1	10767268	11072104	11171266	11003546	1.91	cps
Calcium	44-1	175896328	175882110	178005530	176594656	0.69	cps
Carbon	12-1	9414541	10187867	10504038	10035482	5.59	cps
Carbon	12-2	109935	113613	115352	112967	2.45	cps
Chlorine	35-1	8230387	7705059	7373007	7769484	5.56	cps
Chlorine	35-2	39831	36681	35285	37265	6.25	cps
Chromium	52-2	1623016	1631203	1583851	1612690	1.57	cps
Cobalt	59-2	2945984	2901434	2935032	2927483	0.79	cps
Copper	63-2	22026509	22553492	22158197	22246066	1.23	cps
Dysprosium	156-1	1275	1275	983	1178	14.30	cps
Dysprosium	156-2	483	483	437	468	5.76	cps
Erbium	164-1	417	267	292	325	24.73	cps
Erbium	164-2	117	120	87	108	17.03	cps
Gadolinium	160-1	1358	1100	1317	1258	11.02	cps
Gadolinium	160-2	623	543	650	606	9.17	cps
Holmium	165-1	25813260	25311758	25638496	25587838	0.99	cps
Holmium	165-2	9765792	9979619	9619552	9788321	1.85	cps
Indium	115-1	21766506	21089496	21445008	21433670	1.58	cps
Indium	115-2	2593277	2553678	2528743	2558566	1.27	cps
Iron	54-2	16900138	16829433	17102010	16943860	0.83	cps
Iron	56-2	310769485	305519040	312747918	309678814	1.21	cps
Iron	57-2	7631434	7654727	7660092	7648751	0.20	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	590	540	599	10.65	cps
Lead	206-1	19616414	20354559	19780453	19917142	1.95	cps
Lead	207-1	17164138	17411154	17222493	17265928	0.75	cps
Lead	208-1	79718491	79899592	79213616	79610566	0.45	cps
Lithium	6-1	9973457	9929359	10039475	9980764	0.56	cps
Magnesium	24-2	61793585	60559481	61224764	61192610	1.01	cps
Manganese	55-2	7620294	7625603	7682763	7642887	0.45	cps
Molybdenum	94-1	12612276	12726911	12466115	12601767	1.04	cps
Molybdenum	95-1	15613656	15670736	15738369	15674254	0.40	cps
Molybdenum	96-1	17299387	17325890	17491781	17372353	0.60	cps
Molybdenum	97-1	9476714	9505588	9601159	9527820	0.68	cps
Molybdenum	98-1	24544364	24684486	25394288	24874379	1.83	cps
Neodymium	150-1	273	420	280	324	25.53	cps
Neodymium	150-2	23	30	17	23	28.56	cps
Nickel	60-2	793172	800036	816142	803116	1.47	cps
Phosphorus	31-2	43658	41560	43976	43065	3.05	cps
Potassium	39-2	19844627	19571545	19129906	19515359	1.85	cps
Rhodium	103-1	19322129	19146385	19675398	19381304	1.39	cps
Rhodium	103-2	8122037	8027137	7988368	8045847	0.85	cps
Scandium	45-1	16580158	16455474	16443783	16493138	0.46	cps
Scandium	45-2	423920	430665	419071	424552	1.37	cps
Selenium	82-1	113665	114667	114774	114369	0.54	cps
Selenium	77-2	2594	2417	2670	2560	5.08	cps
Selenium	78-2	9124	9096	9126	9115	0.18	cps
Silicon	28-1	4618608	4663815	4686583	4656335	0.74	cps
Silver	107-1	7831327	7744436	7601580	7725781	1.50	cps
Silver	109-1	7243920	7319113	7365362	7309465	0.84	cps
Sodium	23-2	120107824	118277915	119991661	119459133	0.86	cps
Strontium	86-1	19842963	20120363	20108357	20023895	0.78	cps
Strontium	88-1	173464400	174462737	170957425	172961521	1.04	cps
Sulfur	34-1	1107325	1131910	1150863	1130033	1.93	cps
Terbium	159-1	26193690	26418823	26007633	26206715	0.79	cps
Terbium	159-2	9683034	9612978	9516297	9604103	0.87	cps
Thallium	203-1	4968253	4979341	4918646	4955413	0.65	cps
Thallium	205-1	11488885	11612404	11358124	11486471	1.11	cps
Tin	118-1	4874380	4770926	4732911	4792739	1.53	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:08:24	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4930885	5062857	4952182	4981975	1.42	cps
Uranium	238-1	15774280	15610144	15634912	15673112	0.56	cps
Vanadium	51-2	1263006	1252906	1262301	1259404	0.45	cps
Ytterbium	172-1	142	117	33	97	58.35	cps
Ytterbium	172-2	28	39	44	37	22.91	cps
Ytterbium	176-1	2875	3017	2750	2881	4.63	cps
Ytterbium	176-2	2095	2117	2139	2117	1.05	cps
Yttrium	89-1	34448325	34878527	34675505	34667453	0.62	cps
Yttrium	89-2	2971526	2965034	2999625	2978728	0.62	cps
Zinc	66-2	2485908	2511160	2556973	2518014	1.43	cps
Zirconium	90-1	10324809	10561721	10230971	10372500	1.64	cps
Zirconium	91-1	2358089	2408658	2316334	2361027	1.96	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : CCB003 Instrumnet Name : P8
 Client Sample ID : CCB003 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:16:28 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	221	232	222	4.24	cps
Antimony	121-1	600	692	600	631	8.39	cps
Arsenic	75-2	5	3	4	4	25.00	cps
Barium	135-1	325	208	267	267	21.87	cps
Barium	137-1	450	408	425	428	4.90	cps
Beryllium	9-1	68	58	44	57	21.28	cps
Bismuth	209-1	15597928	15971660	15443663	15671084	1.73	cps
Bismuth	209-2	7580665	7075284	7764316	7473421	4.77	cps
Boron	10-1	7016	6634	6210	6620	6.09	cps
Boron	11-1	32067	31165	28360	30530	6.33	cps
Bromine	81-1	9122	9663	9223	9336	3.08	cps
Cadmium	111-1	1877	1809	1859	1849	1.90	cps
Cadmium	106-1	9345	8803	9120	9089	3.00	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	647	592	646	629	4.99	cps
Calcium	44-1	34347	34442	34162	34317	0.42	cps
Carbon	12-1	6557734	6561622	6649756	6589704	0.79	cps
Carbon	12-2	61521	60073	60559	60718	1.21	cps
Chlorine	35-1	1754871	1699073	1635347	1696430	3.53	cps
Chlorine	35-2	9228	8986	8820	9011	2.28	cps
Chromium	52-2	1013	1027	963	1001	3.33	cps
Cobalt	59-2	103	77	97	92	15.05	cps
Copper	63-2	1140	1183	1283	1202	6.11	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	250	150	200	200	25.00	cps
Erbium	164-2	77	63	63	68	11.36	cps
Gadolinium	160-1	133	225	142	167	30.41	cps
Gadolinium	160-2	43	37	43	41	9.35	cps
Holmium	165-1	24927393	25416957	24924317	25089556	1.13	cps
Holmium	165-2	10191747	9357754	10253054	9934185	5.03	cps
Indium	115-1	22052528	22421508	22376250	22283429	0.90	cps
Indium	115-2	2679848	2609002	2699574	2662808	1.79	cps
Iron	54-2	517	372	367	419	20.32	cps
Iron	56-2	4495	4062	4234	4264	5.12	cps
Iron	57-2	133	83	89	102	26.91	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:16:28	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	630	613	621	1.35	cps
Lead	206-1	1611	1656	1339	1535	11.17	cps
Lead	207-1	1156	1400	1161	1239	11.26	cps
Lead	208-1	5823	6167	5512	5834	5.62	cps
Lithium	6-1	10478962	10610977	10267586	10452508	1.66	cps
Magnesium	24-2	508	567	558	544	5.80	cps
Manganese	55-2	183	190	127	167	20.88	cps
Molybdenum	94-1	858	967	925	917	5.96	cps
Molybdenum	95-1	258	192	125	192	34.78	cps
Molybdenum	96-1	375	350	283	336	14.10	cps
Molybdenum	97-1	142	108	108	119	16.11	cps
Molybdenum	98-1	433	258	333	342	25.70	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	53	57	50	53	6.25	cps
Phosphorus	31-2	142	125	92	119	21.31	cps
Potassium	39-2	13306	13915	13398	13540	2.42	cps
Rhodium	103-1	21247256	21279211	21088097	21204855	0.48	cps
Rhodium	103-2	8726671	8495232	8936057	8719320	2.53	cps
Scandium	45-1	16667314	16657784	16101420	16475506	1.97	cps
Scandium	45-2	421597	410534	441764	424632	3.73	cps
Selenium	82-1	-57	-59	-48	-54	-10.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	29	26	28	7.35	cps
Silicon	28-1	345944	346710	352543	348399	1.04	cps
Silver	107-1	492	333	358	394	21.58	cps
Silver	109-1	317	267	292	292	8.57	cps
Sodium	23-2	28879	28587	28270	28579	1.07	cps
Strontium	86-1	875	1208	1250	1111	18.50	cps
Strontium	88-1	2217	1859	1825	1967	11.04	cps
Sulfur	34-1	528880	535262	533564	532569	0.62	cps
Terbium	159-1	26293237	27164430	26238695	26565454	1.96	cps
Terbium	159-2	9887655	9391349	10444127	9907711	5.32	cps
Thallium	203-1	1150	1125	1092	1122	2.61	cps
Thallium	205-1	2834	2459	2425	2573	8.82	cps
Tin	118-1	3592	4551	3892	4012	12.22	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:16:28	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	283	208	217	29.04	cps
Uranium	238-1	92	75	25	64	54.31	cps
Vanadium	51-2	20	17	10	16	32.73	cps
Ytterbium	172-1	50	108	67	75	40.06	cps
Ytterbium	172-2	39	22	33	31	26.96	cps
Ytterbium	176-1	2650	2859	2675	2728	4.17	cps
Ytterbium	176-2	2295	2461	2634	2463	6.88	cps
Yttrium	89-1	34995271	35122126	34864497	34993965	0.37	cps
Yttrium	89-2	2953115	2805079	3018502	2925565	3.74	cps
Zinc	66-2	780	783	683	749	7.58	cps
Zirconium	90-1	2267	2284	2167	2239	2.82	cps
Zirconium	91-1	408	383	358	383	6.52	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:19:28 DataFile Name : 020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1837	1836	1822	1832	0.45	cps
Antimony	121-1	20758	21760	21693	21403	2.62	cps
Arsenic	75-2	276	270	284	277	2.54	cps
Barium	135-1	26385	27178	25658	26407	2.88	cps
Barium	137-1	46949	45720	44624	45764	2.54	cps
Beryllium	9-1	3724	3638	3654	3672	1.25	cps
Bismuth	209-1	15358233	16106968	15530382	15665194	2.50	cps
Bismuth	209-2	7563969	7368353	7345153	7425825	1.62	cps
Boron	10-1	14032	14965	15361	14786	4.61	cps
Boron	11-1	63797	68899	70144	67614	4.97	cps
Bromine	81-1	8521	8752	9463	8912	5.51	cps
Cadmium	111-1	4870	4987	5035	4964	1.71	cps
Cadmium	106-1	9512	9637	9487	9545	0.84	cps
Cadmium	108-1	238	338	263	279	18.64	cps
Calcium	43-1	21314	21457	21448	21407	0.37	cps
Calcium	44-1	373885	367857	370598	370780	0.81	cps
Carbon	12-1	6948366	6964309	7095368	7002681	1.15	cps
Carbon	12-2	64609	67941	66435	66328	2.52	cps
Chlorine	35-1	1453347	1440700	1396905	1430317	2.07	cps
Chlorine	35-2	7619	8094	8011	7908	3.21	cps
Chromium	52-2	7839	7445	7315	7533	3.62	cps
Cobalt	59-2	5725	5845	5948	5839	1.92	cps
Copper	63-2	9437	9530	9316	9428	1.13	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	142	167	125	144	14.52	cps
Erbium	164-2	60	53	57	57	5.89	cps
Gadolinium	160-1	183	142	233	186	24.66	cps
Gadolinium	160-2	70	50	57	59	17.29	cps
Holmium	165-1	25884925	25659406	24415109	25319813	3.13	cps
Holmium	165-2	10213673	9630062	9974835	9939523	2.95	cps
Indium	115-1	22230368	23048188	22266931	22515162	2.05	cps
Indium	115-2	2720085	2630628	2718844	2689852	1.91	cps
Iron	54-2	7313	7135	6974	7141	2.38	cps
Iron	56-2	129152	126366	126282	127267	1.28	cps
Iron	57-2	3250	3039	3006	3099	4.28	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:19:28	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	650	607	632	3.59	cps
Lead	206-1	8975	9092	9365	9144	2.18	cps
Lead	207-1	7636	8269	8119	8008	4.14	cps
Lead	208-1	36460	37105	37277	36947	1.17	cps
Lithium	6-1	10178886	10365287	10109145	10217773	1.30	cps
Magnesium	24-2	121942	122353	119270	121188	1.38	cps
Manganese	55-2	1700	1657	1737	1698	2.36	cps
Molybdenum	94-1	25240	25499	25232	25324	0.60	cps
Molybdenum	95-1	29783	30325	30735	30281	1.58	cps
Molybdenum	96-1	33541	34251	32873	33555	2.05	cps
Molybdenum	97-1	18972	18771	18396	18713	1.56	cps
Molybdenum	98-1	47867	47590	47131	47529	0.78	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1747	1580	1797	1708	6.64	cps
Phosphorus	31-2	233	117	167	172	33.99	cps
Potassium	39-2	86836	85847	86761	86481	0.64	cps
Rhodium	103-1	21592926	21626113	21172100	21463713	1.18	cps
Rhodium	103-2	8992871	8872504	8950199	8938525	0.68	cps
Scandium	45-1	16681362	16726344	16467375	16625027	0.83	cps
Scandium	45-2	432957	422245	422054	425752	1.47	cps
Selenium	82-1	1107	1142	1179	1143	3.15	cps
Selenium	77-2	17	27	33	26	32.81	cps
Selenium	78-2	114	118	100	111	8.54	cps
Silicon	28-1	444266	451966	447141	447791	0.87	cps
Silver	107-1	15284	14291	15092	14889	3.54	cps
Silver	109-1	14058	14258	14800	14372	2.67	cps
Sodium	23-2	258125	259195	259919	259080	0.35	cps
Strontium	86-1	5485	5234	5510	5410	2.81	cps
Strontium	88-1	37977	37911	38412	38100	0.71	cps
Sulfur	34-1	539579	535922	536787	537429	0.36	cps
Terbium	159-1	26426420	27084955	25879164	26463513	2.28	cps
Terbium	159-2	9975887	9861049	9711758	9849565	1.34	cps
Thallium	203-1	10838	11364	10446	10883	4.23	cps
Thallium	205-1	25534	25693	25409	25545	0.56	cps
Tin	118-1	51264	49842	51673	50927	1.89	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:19:28	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10179	10362	9970	10171	1.93	cps
Uranium	238-1	28792	30028	28951	29257	2.30	cps
Vanadium	51-2	12262	12245	11902	12136	1.68	cps
Ytterbium	172-1	75	83	92	83	10.00	cps
Ytterbium	172-2	39	28	39	35	18.23	cps
Ytterbium	176-1	2634	2917	2717	2756	5.28	cps
Ytterbium	176-2	2045	2072	2022	2046	1.22	cps
Yttrium	89-1	35407103	35189476	35731916	35442832	0.77	cps
Yttrium	89-2	3058769	3012010	3008747	3026509	0.92	cps
Zinc	66-2	1847	1847	1837	1843	0.31	cps
Zirconium	90-1	22928	22552	22001	22494	2.07	cps
Zirconium	91-1	4726	4834	5001	4854	2.85	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : PB138736BL Instrumnet Name : P8
 Client Sample ID : PBW736 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:22:32 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191	207	191	197	4.77	cps
Antimony	121-1	167	267	225	219	22.89	cps
Arsenic	75-2	9	8	0	6	87.05	cps
Barium	135-1	225	292	267	261	12.90	cps
Barium	137-1	333	475	342	383	20.74	cps
Beryllium	9-1	40	48	34	41	17.28	cps
Bismuth	209-1	16072589	15528858	16014736	15872061	1.88	cps
Bismuth	209-2	7503218	7602741	7220104	7442021	2.67	cps
Boron	10-1	5232	5350	5248	5277	1.21	cps
Boron	11-1	24437	24550	24536	24508	0.25	cps
Bromine	81-1	9052	9122	9373	9182	1.83	cps
Cadmium	111-1	1849	1856	1895	1867	1.32	cps
Cadmium	106-1	9228	9187	9495	9303	1.80	cps
Cadmium	108-1	54	33	42	43	24.36	cps
Calcium	43-1	634	592	594	607	3.87	cps
Calcium	44-1	33972	33669	33989	33877	0.53	cps
Carbon	12-1	6687841	6570309	6556587	6604912	1.09	cps
Carbon	12-2	61512	61253	61447	61404	0.22	cps
Chlorine	35-1	1097062	1077082	1040824	1071656	2.66	cps
Chlorine	35-2	5893	5676	5460	5676	3.82	cps
Chromium	52-2	1007	880	980	956	6.99	cps
Cobalt	59-2	103	83	80	89	14.20	cps
Copper	63-2	997	1097	1033	1042	4.85	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	158	133	142	144	8.81	cps
Erbium	164-2	80	60	53	64	21.54	cps
Gadolinium	160-1	125	100	158	128	22.91	cps
Gadolinium	160-2	43	77	53	58	29.61	cps
Holmium	165-1	25891092	25636562	25701189	25742948	0.51	cps
Holmium	165-2	10011021	10436329	9688802	10045384	3.73	cps
Indium	115-1	23219006	22872784	23138902	23076897	0.79	cps
Indium	115-2	2727158	2758415	2605405	2696992	3.00	cps
Iron	54-2	311	378	478	389	21.57	cps
Iron	56-2	3634	3539	3701	3625	2.23	cps
Iron	57-2	111	83	67	87	25.79	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BL	Instrumnet Name :	P8
Client Sample ID :	PBW736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:22:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	433	600	556	19.29	cps
Lead	206-1	1183	1289	1350	1274	6.62	cps
Lead	207-1	983	922	1178	1028	12.98	cps
Lead	208-1	4589	4717	5056	4787	5.04	cps
Lithium	6-1	10280240	10376931	10371350	10342840	0.52	cps
Magnesium	24-2	375	408	358	381	6.69	cps
Manganese	55-2	147	123	120	130	11.18	cps
Molybdenum	94-1	858	858	733	817	8.84	cps
Molybdenum	95-1	100	125	75	100	25.00	cps
Molybdenum	96-1	192	175	225	197	12.91	cps
Molybdenum	97-1	67	67	42	58	24.74	cps
Molybdenum	98-1	100	142	175	139	27.06	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	57	80	67	18.03	cps
Phosphorus	31-2	92	217	142	150	41.94	cps
Potassium	39-2	12747	13265	12781	12931	2.24	cps
Rhodium	103-1	22106466	21462384	21575570	21714807	1.58	cps
Rhodium	103-2	8896921	8987008	8641397	8841775	2.03	cps
Scandium	45-1	17048665	17201363	16786019	17012016	1.23	cps
Scandium	45-2	428805	434345	410239	424463	2.97	cps
Selenium	82-1	-49	141	1	31	315.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	22	17	24	32.27	cps
Silicon	28-1	351681	348152	344578	348137	1.02	cps
Silver	107-1	300	483	358	381	24.61	cps
Silver	109-1	308	200	183	231	29.44	cps
Sodium	23-2	26608	25364	25314	25762	2.85	cps
Strontium	86-1	1008	1300	1125	1145	12.83	cps
Strontium	88-1	1533	1767	1392	1564	12.11	cps
Sulfur	34-1	541980	538630	543618	541409	0.47	cps
Terbium	159-1	27051555	27110267	26717809	26959877	0.79	cps
Terbium	159-2	10013625	10252316	9754349	10006764	2.49	cps
Thallium	203-1	750	808	683	747	8.37	cps
Thallium	205-1	1709	2225	1800	1911	14.43	cps
Tin	118-1	4084	4735	3959	4259	9.78	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BL	Instrumnet Name :	P8
Client Sample ID :	PBW736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:22:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	200	142	186	21.16	cps
Uranium	238-1	25	50	8	28	75.51	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Ytterbium	172-1	75	75	92	81	11.95	cps
Ytterbium	172-2	33	28	33	31	10.18	cps
Ytterbium	176-1	2734	2775	2942	2817	3.91	cps
Ytterbium	176-2	1989	2189	1850	2009	8.48	cps
Yttrium	89-1	36449089	35267599	35271610	35662766	1.91	cps
Yttrium	89-2	3000207	3084638	2952516	3012454	2.22	cps
Zinc	66-2	663	703	600	656	7.95	cps
Zirconium	90-1	2167	2050	2225	2147	4.15	cps
Zirconium	91-1	383	392	358	378	4.59	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3539	3631	3615	3595	1.37	cps
Antimony	121-1	42458	42358	43052	42623	0.88	cps
Arsenic	75-2	567	590	582	580	2.01	cps
Barium	135-1	52920	52302	52403	52542	0.63	cps
Barium	137-1	91149	92315	91333	91599	0.68	cps
Beryllium	9-1	7228	7290	7068	7196	1.59	cps
Bismuth	209-1	15908922	15760676	15875012	15848204	0.49	cps
Bismuth	209-2	7481713	7519441	7465964	7489040	0.37	cps
Boron	10-1	22150	23891	25329	23790	6.69	cps
Boron	11-1	105223	112413	116770	111469	5.23	cps
Bromine	81-1	9042	8702	9132	8959	2.53	cps
Cadmium	111-1	7952	8377	8094	8141	2.66	cps
Cadmium	106-1	10121	9971	9787	9959	1.68	cps
Cadmium	108-1	575	508	504	529	7.51	cps
Calcium	43-1	42217	42422	42021	42220	0.48	cps
Calcium	44-1	712294	711715	715318	713109	0.27	cps
Carbon	12-1	6661917	6616243	6573799	6617320	0.67	cps
Carbon	12-2	62048	63270	63471	62930	1.22	cps
Chlorine	35-1	918764	917975	904332	913691	0.89	cps
Chlorine	35-2	4659	4926	4818	4801	2.80	cps
Chromium	52-2	13466	13303	13934	13568	2.41	cps
Cobalt	59-2	11405	11678	11598	11560	1.22	cps
Copper	63-2	17084	17758	17621	17488	2.04	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	167	200	183	183	9.09	cps
Erbium	164-2	63	60	63	62	3.09	cps
Gadolinium	160-1	175	133	183	164	16.34	cps
Gadolinium	160-2	53	57	60	57	5.89	cps
Holmium	165-1	26129218	25907824	25900028	25979023	0.50	cps
Holmium	165-2	9949529	10111617	9987488	10016211	0.85	cps
Indium	115-1	22761386	22697655	22082583	22513875	1.67	cps
Indium	115-2	2672354	2678214	2707838	2686135	0.71	cps
Iron	54-2	55145	54755	53947	54616	1.12	cps
Iron	56-2	987116	1006299	998863	997426	0.97	cps
Iron	57-2	25267	24738	24404	24803	1.75	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	570	617	578	6.17	cps
Lead	206-1	16755	17245	17462	17154	2.11	cps
Lead	207-1	15421	14175	15098	14898	4.34	cps
Lead	208-1	69831	68997	68042	68957	1.30	cps
Lithium	6-1	10082739	10155810	10267898	10168816	0.92	cps
Magnesium	24-2	241328	240048	242509	241295	0.51	cps
Manganese	55-2	3264	3044	3134	3147	3.52	cps
Molybdenum	94-1	50534	50158	53035	51242	3.05	cps
Molybdenum	95-1	62492	59495	59763	60583	2.74	cps
Molybdenum	96-1	67271	66509	68520	67434	1.51	cps
Molybdenum	97-1	37493	37426	37878	37599	0.65	cps
Molybdenum	98-1	95664	97669	95980	96438	1.12	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3450	3597	3470	3506	2.27	cps
Phosphorus	31-2	192	200	108	167	30.41	cps
Potassium	39-2	158327	159889	165265	161160	2.26	cps
Rhodium	103-1	21935326	21440698	21616733	21664253	1.16	cps
Rhodium	103-2	8728999	8748497	8783993	8753830	0.32	cps
Scandium	45-1	16710990	16843997	16632887	16729291	0.64	cps
Scandium	45-2	423813	426820	421956	424196	0.58	cps
Selenium	82-1	2462	2404	2406	2424	1.37	cps
Selenium	77-2	70	37	77	61	35.07	cps
Selenium	78-2	232	227	212	224	4.66	cps
Silicon	28-1	558631	574570	555880	563027	1.79	cps
Silver	107-1	29115	29298	31261	29891	3.98	cps
Silver	109-1	27896	28029	28463	28129	1.05	cps
Sodium	23-2	488896	492413	490072	490461	0.36	cps
Strontium	86-1	9520	9770	9353	9548	2.20	cps
Strontium	88-1	75246	74239	75731	75072	1.01	cps
Sulfur	34-1	547940	550995	548223	549053	0.31	cps
Terbium	159-1	27257141	26006998	26801435	26688525	2.37	cps
Terbium	159-2	9781248	9820117	9793839	9798402	0.20	cps
Thallium	203-1	19640	19548	20517	19902	2.69	cps
Thallium	205-1	49177	48843	49696	49239	0.87	cps
Tin	118-1	100385	98830	100569	99928	0.96	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	PB138736BS	Instrumnet Name :	P8
Client Sample ID :	LCS736	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:25:32	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20465	20215	20532	20404	0.82	cps
Uranium	238-1	60897	58787	59490	59725	1.80	cps
Vanadium	51-2	24187	24828	24534	24517	1.31	cps
Ytterbium	172-1	92	100	83	92	9.09	cps
Ytterbium	172-2	17	28	39	28	39.99	cps
Ytterbium	176-1	2675	2809	2867	2784	3.53	cps
Ytterbium	176-2	1845	2039	1784	1889	7.07	cps
Yttrium	89-1	34803699	35434474	34737035	34991736	1.10	cps
Yttrium	89-2	2987590	2966931	2902210	2952244	1.51	cps
Zinc	66-2	6131	6181	6038	6117	1.19	cps
Zirconium	90-1	41947	43000	41454	42134	1.87	cps
Zirconium	91-1	9629	9370	9337	9445	1.69	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28095	28705	28964	28588	1.56	cps
Antimony	121-1	583	492	667	581	15.08	cps
Arsenic	75-2	131	137	116	128	8.45	cps
Barium	135-1	165713	165911	166434	166019	0.22	cps
Barium	137-1	287785	290688	289897	289456	0.52	cps
Beryllium	9-1	126	136	162	141	13.15	cps
Bismuth	209-1	15110466	15417981	15438894	15322447	1.20	cps
Bismuth	209-2	7444380	7131304	7392559	7322748	2.29	cps
Boron	10-1	44931	46438	47621	46330	2.91	cps
Boron	11-1	207724	218159	227790	217891	4.61	cps
Bromine	81-1	35592	40610	44898	40366	11.54	cps
Cadmium	111-1	1840	1947	1904	1897	2.85	cps
Cadmium	106-1	9095	9345	9187	9209	1.37	cps
Cadmium	108-1	83	67	71	74	11.79	cps
Calcium	43-1	3856918	3909097	3818188	3861401	1.18	cps
Calcium	44-1	62129330	62630976	62225171	62328492	0.43	cps
Carbon	12-1	8783223	9344594	9818554	9315457	5.56	cps
Carbon	12-2	98403	100334	100570	99769	1.19	cps
Chlorine	35-1	2550605	2931489	3190876	2890990	11.14	cps
Chlorine	35-2	21542	23319	25214	23358	7.86	cps
Chromium	52-2	94483	97216	96512	96070	1.48	cps
Cobalt	59-2	4157	4107	4007	4091	1.87	cps
Copper	63-2	10547	10717	10264	10510	2.18	cps
Dysprosium	156-1	1250	1583	1483	1439	11.89	cps
Dysprosium	156-2	540	627	543	570	8.61	cps
Erbium	164-1	1525	1492	1475	1497	1.70	cps
Erbium	164-2	487	577	620	561	12.12	cps
Gadolinium	160-1	1842	1834	1900	1859	1.95	cps
Gadolinium	160-2	760	757	717	744	3.24	cps
Holmium	165-1	25262848	25715261	25696269	25558126	1.00	cps
Holmium	165-2	10340868	9932646	10261607	10178374	2.13	cps
Indium	115-1	21591189	22028084	22099044	21906106	1.26	cps
Indium	115-2	2706863	2700179	2730796	2712613	0.59	cps
Iron	54-2	120543	121800	122765	121703	0.92	cps
Iron	56-2	2262120	2289703	2297476	2283100	0.81	cps
Iron	57-2	53054	55034	54477	54188	1.88	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	590	630	596	5.38	cps
Lead	206-1	5662	5762	5423	5616	3.10	cps
Lead	207-1	4734	4562	4784	4694	2.48	cps
Lead	208-1	22186	21719	21785	21897	1.15	cps
Lithium	6-1	9987572	10026247	10155643	10056487	0.88	cps
Magnesium	24-2	2946361	2963720	3003219	2971100	0.98	cps
Manganese	55-2	218832	218929	219589	219116	0.19	cps
Molybdenum	94-1	6885	7369	7845	7366	6.51	cps
Molybdenum	95-1	7027	7227	7185	7146	1.48	cps
Molybdenum	96-1	8303	8795	9147	8748	4.85	cps
Molybdenum	97-1	4384	4959	4376	4573	7.32	cps
Molybdenum	98-1	11372	11597	11572	11513	1.07	cps
Neodymium	150-1	2280	2127	2134	2180	3.98	cps
Neodymium	150-2	590	600	620	603	2.53	cps
Nickel	60-2	24271	25633	25339	25081	2.86	cps
Phosphorus	31-2	325	258	250	278	14.80	cps
Potassium	39-2	521121	529462	528221	526268	0.86	cps
Rhodium	103-1	20930700	21316832	21079847	21109127	0.92	cps
Rhodium	103-2	8730994	8600861	8836799	8722885	1.35	cps
Scandium	45-1	16335828	16516202	16406661	16419564	0.55	cps
Scandium	45-2	437727	415892	436807	430142	2.87	cps
Selenium	82-1	301	229	260	263	13.72	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	47	48	52	49	5.41	cps
Silicon	28-1	72022443	92225369	71724304	78657372	14.94	cps
Silver	107-1	508	392	458	453	12.93	cps
Silver	109-1	483	408	342	411	17.24	cps
Sodium	23-2	26032694	26036724	25932484	26000634	0.23	cps
Strontium	86-1	959677	956350	949565	955197	0.54	cps
Strontium	88-1	8423391	8409734	8081663	8304929	2.33	cps
Sulfur	34-1	2166587	2098504	2114730	2126607	1.67	cps
Terbium	159-1	26083408	27029325	27066678	26726470	2.08	cps
Terbium	159-2	10111072	9874316	10340457	10108615	2.31	cps
Thallium	203-1	783	667	708	719	8.22	cps
Thallium	205-1	1825	1717	1542	1695	8.44	cps
Tin	118-1	10546	10838	11238	10874	3.20	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-01	Instrumnet Name :	P8
Client Sample ID :	MC0AB7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:28:35	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14588	39865	13978	22810	64.76	cps
Uranium	238-1	2125	1842	1825	1931	8.73	cps
Vanadium	51-2	2024	1823	1990	1946	5.51	cps
Ytterbium	172-1	358	383	475	406	15.15	cps
Ytterbium	172-2	211	156	117	161	29.46	cps
Ytterbium	176-1	2692	3150	2834	2892	8.12	cps
Ytterbium	176-2	1733	1911	1984	1876	6.86	cps
Yttrium	89-1	34066884	35175597	34484049	34575510	1.62	cps
Yttrium	89-2	3046468	2958525	3105446	3036813	2.43	cps
Zinc	66-2	9503	9130	9253	9295	2.05	cps
Zirconium	90-1	10625	9045	9423	9698	8.51	cps
Zirconium	91-1	2217	2059	2084	2120	4.02	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : M3516-02 Instrumnet Name : P8
 Client Sample ID : MC0AB8 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 14:31:29 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27358	25164	26486	26336	4.19	cps
Antimony	121-1	775	717	825	772	7.02	cps
Arsenic	75-2	94	119	87	100	16.82	cps
Barium	135-1	189312	183449	187437	186732	1.60	cps
Barium	137-1	326641	322874	321700	323739	0.80	cps
Beryllium	9-1	74	98	104	92	17.25	cps
Bismuth	209-1	15204261	15765113	15597713	15522362	1.85	cps
Bismuth	209-2	6768752	6388481	7226313	6794515	6.17	cps
Boron	10-1	47451	50047	51580	49693	4.20	cps
Boron	11-1	225940	235053	243430	234808	3.73	cps
Bromine	81-1	28518	29451	30695	29555	3.70	cps
Cadmium	111-1	1807	1936	1932	1891	3.87	cps
Cadmium	106-1	8887	9562	9529	9326	4.08	cps
Cadmium	108-1	71	50	58	60	17.56	cps
Calcium	43-1	4891074	4988505	5057738	4979106	1.68	cps
Calcium	44-1	80076348	80452746	81319120	80616071	0.79	cps
Carbon	12-1	8907491	9251213	9554369	9237691	3.50	cps
Carbon	12-2	95393	97523	97860	96925	1.38	cps
Chlorine	35-1	3488910	3801068	4092343	3794107	7.95	cps
Chlorine	35-2	25565	25707	26425	25899	1.78	cps
Chromium	52-2	12562	12626	12676	12621	0.45	cps
Cobalt	59-2	4918	4744	4868	4843	1.84	cps
Copper	63-2	6341	6608	6151	6367	3.60	cps
Dysprosium	156-1	983	950	975	970	1.79	cps
Dysprosium	156-2	357	350	320	342	5.71	cps
Erbium	164-1	975	950	892	939	4.56	cps
Erbium	164-2	373	347	347	356	4.33	cps
Gadolinium	160-1	1217	1058	1108	1128	7.18	cps
Gadolinium	160-2	463	447	417	442	5.35	cps
Holmium	165-1	26164327	26113555	26273143	26183675	0.31	cps
Holmium	165-2	9293380	8751146	9986343	9343623	6.63	cps
Indium	115-1	22753095	23012915	22926864	22897625	0.58	cps
Indium	115-2	2471653	2330835	2562477	2454988	4.75	cps
Iron	54-2	79319	76717	80722	78919	2.58	cps
Iron	56-2	1536014	1464636	1485670	1495440	2.45	cps
Iron	57-2	36285	35194	36625	36035	2.08	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:31:29	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	650	627	612	7.63	cps
Lead	206-1	3978	3662	3945	3862	4.51	cps
Lead	207-1	2984	3406	3189	3193	6.61	cps
Lead	208-1	14453	14792	15148	14798	2.35	cps
Lithium	6-1	10276328	10085014	10010232	10123858	1.36	cps
Magnesium	24-2	3594575	3546716	3538019	3559770	0.86	cps
Manganese	55-2	495775	489842	496383	494000	0.73	cps
Molybdenum	94-1	9937	9787	9662	9795	1.41	cps
Molybdenum	95-1	13340	12940	12973	13084	1.70	cps
Molybdenum	96-1	14391	14049	14516	14319	1.69	cps
Molybdenum	97-1	7727	8111	8178	8005	3.04	cps
Molybdenum	98-1	20198	20741	19614	20185	2.79	cps
Neodymium	150-1	1280	1173	1207	1220	4.47	cps
Neodymium	150-2	327	303	350	327	7.14	cps
Nickel	60-2	4674	4614	4748	4679	1.43	cps
Phosphorus	31-2	133	167	150	150	11.11	cps
Potassium	39-2	476677	459329	466862	467623	1.86	cps
Rhodium	103-1	21282002	21549811	21650982	21494265	0.89	cps
Rhodium	103-2	7991973	7512134	8476503	7993537	6.03	cps
Scandium	45-1	16715986	16709095	17288350	16904477	1.97	cps
Scandium	45-2	388210	382596	414008	394938	4.24	cps
Selenium	82-1	393	227	313	311	26.79	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	61	48	61	57	13.24	cps
Silicon	28-1	52276902	48386294	49673335	50112177	3.96	cps
Silver	107-1	392	400	383	392	2.13	cps
Silver	109-1	225	300	267	264	14.24	cps
Sodium	23-2	23737169	23434099	23828951	23666740	0.87	cps
Strontium	86-1	1048563	1043006	1061327	1050966	0.89	cps
Strontium	88-1	9092419	9001058	9193953	9095810	1.06	cps
Sulfur	34-1	2077185	2028476	2075036	2060233	1.34	cps
Terbium	159-1	27230795	27382617	27419880	27344431	0.37	cps
Terbium	159-2	9154428	8775825	9505165	9145140	3.99	cps
Thallium	203-1	808	850	700	786	9.85	cps
Thallium	205-1	1633	1834	1775	1747	5.89	cps
Tin	118-1	3492	3534	3442	3489	1.32	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-02	Instrumnet Name :	P8
Client Sample ID :	MC0AB8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:31:29	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16066	7586	7953	10535	45.50	cps
Uranium	238-1	11597	11172	11497	11422	1.95	cps
Vanadium	51-2	1477	1370	1523	1457	5.40	cps
Ytterbium	172-1	275	150	275	233	30.93	cps
Ytterbium	172-2	94	89	128	104	20.28	cps
Ytterbium	176-1	2942	2925	3134	3000	3.86	cps
Ytterbium	176-2	1756	1589	1750	1698	5.57	cps
Yttrium	89-1	35626524	35092109	36494203	35737612	1.98	cps
Yttrium	89-2	2788316	2627379	2926531	2780742	5.38	cps
Zinc	66-2	2594	2760	2624	2659	3.34	cps
Zirconium	90-1	13374	6977	7261	9204	39.27	cps
Zirconium	91-1	1417	1442	3740	2200	60.66	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21983	21515	22035	21844	1.31	cps
Antimony	121-1	1183	1275	1225	1228	3.74	cps
Arsenic	75-2	97	96	108	100	6.64	cps
Barium	135-1	152612	152005	153979	152866	0.66	cps
Barium	137-1	262693	267951	266790	265811	1.04	cps
Beryllium	9-1	86	76	68	77	11.76	cps
Bismuth	209-1	15320727	15616534	15494674	15477312	0.96	cps
Bismuth	209-2	7134261	7210347	7270762	7205123	0.95	cps
Boron	10-1	43650	46988	47808	46149	4.77	cps
Boron	11-1	208144	217871	225141	217052	3.93	cps
Bromine	81-1	40419	47629	50684	46244	11.40	cps
Cadmium	111-1	1842	1921	1927	1897	2.48	cps
Cadmium	106-1	8987	9512	9504	9334	3.22	cps
Cadmium	108-1	67	75	58	67	12.50	cps
Calcium	43-1	5033045	4984189	4918281	4978505	1.16	cps
Calcium	44-1	81480375	80735328	80836681	81017461	0.50	cps
Carbon	12-1	9184504	9871110	9987015	9680876	4.48	cps
Carbon	12-2	97850	100393	99663	99302	1.32	cps
Chlorine	35-1	3691436	3943473	4156041	3930316	5.92	cps
Chlorine	35-2	25440	26141	26976	26185	2.94	cps
Chromium	52-2	101793	96074	103028	100298	3.70	cps
Cobalt	59-2	5354	5438	5064	5285	3.71	cps
Copper	63-2	9243	9513	9813	9523	3.00	cps
Dysprosium	156-1	1017	908	808	911	11.44	cps
Dysprosium	156-2	363	360	317	347	7.51	cps
Erbium	164-1	958	917	908	928	2.89	cps
Erbium	164-2	347	347	353	349	1.10	cps
Gadolinium	160-1	1133	950	1100	1061	9.20	cps
Gadolinium	160-2	457	490	450	466	4.60	cps
Holmium	165-1	25893987	26908388	25940238	26247538	2.18	cps
Holmium	165-2	10055113	9817217	10170634	10014321	1.80	cps
Indium	115-1	21960949	23332076	22156703	22483243	3.30	cps
Indium	115-2	2644882	2566959	2677013	2629618	2.15	cps
Iron	54-2	85546	86707	85574	85942	0.77	cps
Iron	56-2	1861416	1575300	1682721	1706479	8.47	cps
Iron	57-2	37489	38658	39761	38636	2.94	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	613	563	566	8.26	cps
Lead	206-1	3278	3250	3262	3263	0.43	cps
Lead	207-1	2745	2778	2900	2808	2.92	cps
Lead	208-1	12947	12825	13286	13020	1.84	cps
Lithium	6-1	10139806	10545804	10288044	10324551	1.99	cps
Magnesium	24-2	3616188	3472463	3637588	3575413	2.51	cps
Manganese	55-2	283050	281332	284021	282801	0.48	cps
Molybdenum	94-1	11472	11622	10988	11361	2.92	cps
Molybdenum	95-1	15784	16585	16327	16232	2.52	cps
Molybdenum	96-1	18413	17837	16919	17723	4.25	cps
Molybdenum	97-1	9795	9237	10087	9706	4.45	cps
Molybdenum	98-1	25391	24614	24789	24931	1.63	cps
Neodymium	150-1	1434	1307	1327	1356	5.03	cps
Neodymium	150-2	333	343	390	356	8.51	cps
Nickel	60-2	27423	27213	27627	27421	0.76	cps
Phosphorus	31-2	150	225	158	178	23.12	cps
Potassium	39-2	424792	417501	416315	419536	1.09	cps
Rhodium	103-1	21205545	21754567	20810548	21256887	2.23	cps
Rhodium	103-2	8619606	8481632	8743036	8614758	1.52	cps
Scandium	45-1	16718246	17227762	16445046	16797018	2.37	cps
Scandium	45-2	425098	415514	427619	422744	1.51	cps
Selenium	82-1	341	241	327	303	17.79	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	43	44	34	40	13.66	cps
Silicon	28-1	51082880	53322223	52271637	52225580	2.15	cps
Silver	107-1	308	217	267	264	17.39	cps
Silver	109-1	158	158	108	142	20.38	cps
Sodium	23-2	22557499	22295252	22942246	22598332	1.44	cps
Strontium	86-1	895788	904083	922341	907404	1.50	cps
Strontium	88-1	7820727	7874239	7860007	7851658	0.35	cps
Sulfur	34-1	2162574	2221499	2127921	2170665	2.18	cps
Terbium	159-1	27060260	27686119	27180459	27308946	1.22	cps
Terbium	159-2	9753090	9763894	9975723	9830902	1.28	cps
Thallium	203-1	633	758	567	653	14.91	cps
Thallium	205-1	1383	1500	1617	1500	7.78	cps
Tin	118-1	2867	2817	2725	2803	2.56	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03	Instrumnet Name :	P8
Client Sample ID :	MC0AB9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:34:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9139	9167	9725	9344	3.54	cps
Uranium	238-1	10463	10798	10171	10477	3.00	cps
Vanadium	51-2	1747	1603	1660	1670	4.32	cps
Ytterbium	172-1	217	308	250	258	17.96	cps
Ytterbium	172-2	106	161	100	122	27.65	cps
Ytterbium	176-1	2925	3125	3025	3025	3.31	cps
Ytterbium	176-2	1867	1828	1772	1822	2.61	cps
Yttrium	89-1	34929697	36650465	35163031	35581064	2.62	cps
Yttrium	89-2	2967564	2963868	3011494	2980975	0.89	cps
Zinc	66-2	2177	2240	2207	2208	1.44	cps
Zirconium	90-1	9501	6352	7680	7844	20.16	cps
Zirconium	91-1	6339	1584	1926	3283	80.79	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22038	24395	23082	23172	5.10	cps
Antimony	121-1	1667	1608	1667	1647	2.05	cps
Arsenic	75-2	96	89	92	92	3.80	cps
Barium	135-1	154864	155647	158623	156378	1.27	cps
Barium	137-1	275368	274059	276955	275461	0.53	cps
Beryllium	9-1	70	100	96	89	18.37	cps
Bismuth	209-1	16259005	16120160	16219701	16199622	0.44	cps
Bismuth	209-2	7319016	7322169	7490761	7377315	1.33	cps
Boron	10-1	45894	48568	49303	47922	3.74	cps
Boron	11-1	216727	228525	236527	227260	4.38	cps
Bromine	81-1	45450	49598	53949	49666	8.56	cps
Cadmium	111-1	2046	1957	2034	2012	2.38	cps
Cadmium	106-1	9895	9670	10062	9876	1.99	cps
Cadmium	108-1	42	50	71	54	27.73	cps
Calcium	43-1	5118506	5075461	5280267	5158078	2.09	cps
Calcium	44-1	83428027	81876651	85416418	83573698	2.12	cps
Carbon	12-1	9264903	9802798	10087783	9718495	4.30	cps
Carbon	12-2	98632	97389	100123	98715	1.39	cps
Chlorine	35-1	3767487	3816473	4085275	3889745	4.40	cps
Chlorine	35-2	26308	26350	26859	26505	1.16	cps
Chromium	52-2	99035	98474	99518	99009	0.53	cps
Cobalt	59-2	5368	5224	5301	5298	1.35	cps
Copper	63-2	11409	9533	9403	10115	11.10	cps
Dysprosium	156-1	1042	1042	733	939	18.96	cps
Dysprosium	156-2	367	330	377	358	6.87	cps
Erbium	164-1	967	1025	958	983	3.69	cps
Erbium	164-2	347	293	367	336	11.30	cps
Gadolinium	160-1	1042	1025	1008	1025	1.63	cps
Gadolinium	160-2	497	450	450	466	5.79	cps
Holmium	165-1	26976886	26708662	26388272	26691274	1.10	cps
Holmium	165-2	9957453	10241473	10194296	10131074	1.50	cps
Indium	115-1	22996359	22651861	23352340	23000187	1.52	cps
Indium	115-2	2652148	2640943	2660701	2651264	0.37	cps
Iron	54-2	88736	87686	85730	87384	1.75	cps
Iron	56-2	1634008	1641847	1615867	1630574	0.82	cps
Iron	57-2	37828	38179	38564	38190	0.96	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	573	717	630	12.10	cps
Lead	206-1	3456	3539	3439	3478	1.54	cps
Lead	207-1	3178	2778	2995	2984	6.71	cps
Lead	208-1	13842	13609	14003	13818	1.44	cps
Lithium	6-1	10302629	10532022	10607023	10480558	1.51	cps
Magnesium	24-2	3630522	3609360	3638429	3626104	0.41	cps
Manganese	55-2	288898	286791	287140	287610	0.39	cps
Molybdenum	94-1	11255	12198	11922	11792	4.11	cps
Molybdenum	95-1	16569	16635	16327	16510	0.98	cps
Molybdenum	96-1	17745	17695	17837	17759	0.40	cps
Molybdenum	97-1	10196	9278	10329	9934	5.76	cps
Molybdenum	98-1	26117	25616	25983	25906	1.00	cps
Neodymium	150-1	1533	1393	1147	1358	14.42	cps
Neodymium	150-2	420	363	333	372	11.82	cps
Nickel	60-2	28470	28078	28827	28458	1.32	cps
Phosphorus	31-2	225	225	150	200	21.65	cps
Potassium	39-2	419339	426353	425938	423877	0.93	cps
Rhodium	103-1	22017995	21398542	22142272	21852937	1.82	cps
Rhodium	103-2	8633084	8481912	8577915	8564303	0.89	cps
Scandium	45-1	17383196	16812166	17546238	17247200	2.23	cps
Scandium	45-2	426775	421444	428621	425613	0.88	cps
Selenium	82-1	237	325	152	238	36.42	cps
Selenium	77-2	20	10	20	17	34.64	cps
Selenium	78-2	53	38	52	48	17.60	cps
Silicon	28-1	54077149	54085860	54337947	54166985	0.27	cps
Silver	107-1	325	200	325	283	25.47	cps
Silver	109-1	67	175	158	133	43.75	cps
Sodium	23-2	23019408	22888135	23230766	23046103	0.75	cps
Strontium	86-1	932789	921253	931137	928393	0.67	cps
Strontium	88-1	8170739	8001165	8027362	8066422	1.13	cps
Sulfur	34-1	2209398	2162869	2220226	2197498	1.39	cps
Terbium	159-1	28020516	27469636	28352650	27947601	1.60	cps
Terbium	159-2	9991343	9996617	9992584	9993515	0.03	cps
Thallium	203-1	550	550	558	553	0.87	cps
Thallium	205-1	1417	1267	1333	1339	5.61	cps
Tin	118-1	2400	2675	2484	2520	5.60	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-04	Instrumnet Name :	P8
Client Sample ID :	MC0AB9D	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:37:18	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9122	18732	8629	12161	46.84	cps
Uranium	238-1	10413	10304	10338	10352	0.54	cps
Vanadium	51-2	1917	1587	1763	1756	9.41	cps
Ytterbium	172-1	192	617	375	395	54.06	cps
Ytterbium	172-2	150	72	150	124	36.19	cps
Ytterbium	176-1	3134	3301	3217	3217	2.59	cps
Ytterbium	176-2	1628	1961	1800	1796	9.28	cps
Yttrium	89-1	36613162	35658924	36778767	36350284	1.66	cps
Yttrium	89-2	2964018	2947938	3031419	2981125	1.49	cps
Zinc	66-2	3097	2990	2994	3027	2.00	cps
Zirconium	90-1	11375	6952	7421	8583	28.31	cps
Zirconium	91-1	1658	1917	1558	1711	10.81	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3955	4413	3945	4104	6.51	cps
Antimony	121-1	317	258	250	275	13.21	cps
Arsenic	75-2	17	12	23	17	31.77	cps
Barium	135-1	30218	29892	29174	29761	1.79	cps
Barium	137-1	52846	52134	54703	53228	2.49	cps
Beryllium	9-1	54	36	40	43	21.82	cps
Bismuth	209-1	15425643	16028731	15147191	15533855	2.90	cps
Bismuth	209-2	7249533	7482541	7030461	7254178	3.12	cps
Boron	10-1	15315	15035	15483	15278	1.48	cps
Boron	11-1	72270	73458	71352	72360	1.46	cps
Bromine	81-1	22321	23544	23424	23096	2.92	cps
Cadmium	111-1	1974	2085	1872	1977	5.39	cps
Cadmium	106-1	9695	10179	9087	9654	5.67	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	982975	987081	982812	984289	0.25	cps
Calcium	44-1	15893891	16087840	15948227	15976653	0.63	cps
Carbon	12-1	6938271	6905189	6847216	6896892	0.67	cps
Carbon	12-2	65111	64082	66083	65092	1.54	cps
Chlorine	35-1	2389972	2387779	2382276	2386676	0.17	cps
Chlorine	35-2	13315	12697	13106	13040	2.41	cps
Chromium	52-2	19757	19430	20048	19745	1.56	cps
Cobalt	59-2	1133	1070	1110	1104	2.90	cps
Copper	63-2	2660	2560	2630	2617	1.96	cps
Dysprosium	156-1	217	250	283	250	13.33	cps
Dysprosium	156-2	73	67	90	77	15.68	cps
Erbium	164-1	383	358	367	369	3.45	cps
Erbium	164-2	120	113	140	124	11.15	cps
Gadolinium	160-1	325	333	233	297	18.67	cps
Gadolinium	160-2	140	150	127	139	8.43	cps
Holmium	165-1	25480554	25956263	24911222	25449346	2.06	cps
Holmium	165-2	9990554	9874774	9771112	9878813	1.11	cps
Indium	115-1	22371702	23081086	21793676	22415488	2.88	cps
Indium	115-2	2626356	2632685	2566048	2608363	1.41	cps
Iron	54-2	17505	17862	17695	17687	1.01	cps
Iron	56-2	307833	308818	306073	307575	0.45	cps
Iron	57-2	7235	8025	7413	7558	5.48	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	567	583	572	1.68	cps
Lead	206-1	1306	1433	1283	1341	6.04	cps
Lead	207-1	1245	1111	1161	1172	5.75	cps
Lead	208-1	5495	5673	5295	5488	3.44	cps
Lithium	6-1	10172773	10163488	10151741	10162668	0.10	cps
Magnesium	24-2	714580	707914	718186	713560	0.73	cps
Manganese	55-2	56629	55628	56077	56111	0.89	cps
Molybdenum	94-1	2784	3201	2634	2873	10.23	cps
Molybdenum	95-1	3309	3317	3184	3270	2.28	cps
Molybdenum	96-1	3667	3451	3901	3673	6.13	cps
Molybdenum	97-1	2025	2034	2125	2061	2.69	cps
Molybdenum	98-1	5051	4534	5520	5035	9.80	cps
Neodymium	150-1	187	293	207	229	24.77	cps
Neodymium	150-2	70	87	63	73	16.39	cps
Nickel	60-2	5444	5524	5765	5578	2.99	cps
Phosphorus	31-2	158	150	175	161	7.90	cps
Potassium	39-2	90726	90022	91063	90604	0.59	cps
Rhodium	103-1	21415127	21137254	20702411	21084931	1.70	cps
Rhodium	103-2	8622687	8768870	8307567	8566375	2.75	cps
Scandium	45-1	16487838	16405370	16205726	16366312	0.89	cps
Scandium	45-2	413919	415498	407713	412377	1.00	cps
Selenium	82-1	106	127	103	112	11.73	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	23	26	28	26	9.80	cps
Silicon	28-1	10550286	10445703	10520268	10505419	0.51	cps
Silver	107-1	250	175	283	236	23.50	cps
Silver	109-1	92	117	133	114	18.41	cps
Sodium	23-2	4510825	4341893	4553263	4468660	2.50	cps
Strontium	86-1	180676	178530	179274	179493	0.61	cps
Strontium	88-1	1598446	1581585	1552183	1577404	1.48	cps
Sulfur	34-1	917795	967203	889427	924808	4.26	cps
Terbium	159-1	26710719	25934215	25287810	25977581	2.74	cps
Terbium	159-2	9659895	9838038	9401185	9633039	2.28	cps
Thallium	203-1	383	475	350	403	16.07	cps
Thallium	205-1	1000	867	992	953	7.84	cps
Tin	118-1	2009	1725	1592	1775	11.99	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB9L	Dilution Factor :	5
Date & Time Acquired ::	2021-08-27 14:40:14	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3120	1775	1951	2282	32.04	cps
Uranium	238-1	2017	2017	2042	2025	0.71	cps
Vanadium	51-2	317	357	313	329	7.33	cps
Ytterbium	172-1	117	75	75	89	27.07	cps
Ytterbium	172-2	28	61	44	44	37.49	cps
Ytterbium	176-1	2909	3142	2550	2867	10.40	cps
Ytterbium	176-2	1661	1811	1795	1756	4.68	cps
Yttrium	89-1	34702660	35201925	33873650	34592745	1.94	cps
Yttrium	89-2	2949869	2974838	2818945	2914551	2.87	cps
Zinc	66-2	873	890	933	899	3.45	cps
Zirconium	90-1	2692	2817	2759	2756	2.27	cps
Zirconium	91-1	592	508	533	544	7.86	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173581	171795	174485	173287	0.79	cps
Antimony	121-1	1089822	1110446	1121398	1107222	1.45	cps
Arsenic	75-2	11405	11337	11409	11383	0.36	cps
Barium	135-1	5521349	5611921	5515929	5549733	0.97	cps
Barium	137-1	9441731	9550629	9507244	9499868	0.58	cps
Beryllium	9-1	180384	179819	180884	180362	0.30	cps
Bismuth	209-1	15954441	15445089	15378774	15592768	2.02	cps
Bismuth	209-2	7206385	6889327	7200826	7098846	2.56	cps
Boron	10-1	41793	44364	46715	44291	5.56	cps
Boron	11-1	198937	212685	222522	211381	5.60	cps
Bromine	81-1	30324	33093	37268	33562	10.41	cps
Cadmium	111-1	146837	148233	150225	148431	1.15	cps
Cadmium	106-1	22953	23587	23087	23209	1.44	cps
Cadmium	108-1	9653	10112	10642	10136	4.88	cps
Calcium	43-1	4981285	4920404	5051634	4984441	1.32	cps
Calcium	44-1	81102160	80509151	81909684	81173665	0.87	cps
Carbon	12-1	9077294	9792687	10172705	9680895	5.75	cps
Carbon	12-2	103656	102783	103120	103187	0.43	cps
Chlorine	35-1	8327782	10057756	12086675	10157405	18.52	cps
Chlorine	35-2	86895	90633	97386	91638	5.80	cps
Chromium	52-2	697290	681746	695839	691625	1.24	cps
Cobalt	59-2	2955928	2938369	3004905	2966401	1.16	cps
Copper	63-2	1101659	1094422	1123901	1106661	1.39	cps
Dysprosium	156-1	892	1017	1125	1011	11.55	cps
Dysprosium	156-2	423	370	397	397	6.72	cps
Erbium	164-1	900	967	967	945	4.08	cps
Erbium	164-2	343	303	333	327	6.37	cps
Gadolinium	160-1	1233	1175	933	1114	14.28	cps
Gadolinium	160-2	500	500	463	488	4.34	cps
Holmium	165-1	25470117	25817241	26185038	25824132	1.38	cps
Holmium	165-2	9488551	9530223	9986657	9668477	2.86	cps
Indium	115-1	21898120	21993262	22408068	22099816	1.23	cps
Indium	115-2	2503584	2572028	2573107	2549573	1.56	cps
Iron	54-2	233764	232248	239538	235183	1.64	cps
Iron	56-2	4049121	4041493	4016532	4035715	0.42	cps
Iron	57-2	100098	96492	97427	98006	1.91	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	527	557	577	10.83	cps
Lead	206-1	169506	172888	174363	172253	1.45	cps
Lead	207-1	143767	145401	145256	144808	0.62	cps
Lead	208-1	667592	670186	674837	670871	0.55	cps
Lithium	6-1	10083761	10044420	10171093	10099758	0.64	cps
Magnesium	24-2	3560925	3540893	3673033	3591617	1.98	cps
Manganese	55-2	966852	972217	984255	974441	0.91	cps
Molybdenum	94-1	12534	10988	12426	11983	7.20	cps
Molybdenum	95-1	14683	14950	15159	14931	1.60	cps
Molybdenum	96-1	17012	16702	17795	17170	3.28	cps
Molybdenum	97-1	9087	9403	9278	9256	1.72	cps
Molybdenum	98-1	23729	24714	25160	24534	2.98	cps
Neodymium	150-1	1287	1353	1553	1398	9.93	cps
Neodymium	150-2	403	290	360	351	16.29	cps
Nickel	60-2	802577	804454	812147	806393	0.63	cps
Phosphorus	31-2	133	175	125	144	18.55	cps
Potassium	39-2	414331	411447	417989	414589	0.79	cps
Rhodium	103-1	20754169	21199075	21214480	21055908	1.24	cps
Rhodium	103-2	8302106	8317141	8506853	8375366	1.36	cps
Scandium	45-1	16544524	16484035	16449228	16492596	0.29	cps
Scandium	45-2	406551	406330	412874	408585	0.91	cps
Selenium	82-1	24325	24457	24351	24377	0.29	cps
Selenium	77-2	473	587	503	521	11.27	cps
Selenium	78-2	1774	1842	1810	1809	1.88	cps
Silicon	28-1	52522352	53565962	53363087	53150467	1.04	cps
Silver	107-1	741341	767038	772282	760220	2.18	cps
Silver	109-1	715351	734648	730903	726968	1.41	cps
Sodium	23-2	22491489	22381305	22972833	22615209	1.39	cps
Strontium	86-1	906450	922731	929794	919658	1.30	cps
Strontium	88-1	7777027	7893961	8073067	7914685	1.88	cps
Sulfur	34-1	2151196	2165232	2195209	2170546	1.04	cps
Terbium	159-1	26739350	27045571	27156615	26980512	0.80	cps
Terbium	159-2	9540750	9741904	9856596	9713083	1.65	cps
Thallium	203-1	505464	521210	524934	517202	2.00	cps
Thallium	205-1	1230951	1223166	1255215	1236444	1.35	cps
Tin	118-1	2884	2700	2892	2825	3.84	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-05	Instrumnet Name :	P8
Client Sample ID :	MC0AB9S	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:43:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9308	12617	9995	10640	16.41	cps
Uranium	238-1	10413	10455	10696	10521	1.45	cps
Vanadium	51-2	1230890	1230602	1274515	1245336	2.03	cps
Ytterbium	172-1	317	225	267	269	17.03	cps
Ytterbium	172-2	94	83	106	94	11.76	cps
Ytterbium	176-1	3175	2967	3384	3175	6.56	cps
Ytterbium	176-2	1700	1645	1800	1715	4.60	cps
Yttrium	89-1	34743272	34635229	35237717	34872073	0.92	cps
Yttrium	89-2	2860245	2896284	2976819	2911116	2.05	cps
Zinc	66-2	251576	242904	251466	248649	2.00	cps
Zirconium	90-1	7253	6878	6218	6783	7.73	cps
Zirconium	91-1	3513	2185	1625	2441	39.72	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91616	91119	93307	92014	1.25	cps
Antimony	121-1	1734	1525	1150	1470	20.12	cps
Arsenic	75-2	353	361	355	356	1.17	cps
Barium	135-1	231565	227073	227965	228868	1.04	cps
Barium	137-1	399247	399733	401246	400075	0.26	cps
Beryllium	9-1	258	288	320	289	10.74	cps
Bismuth	209-1	14709665	15632288	15459631	15267194	3.21	cps
Bismuth	209-2	7211707	7684997	7608221	7501642	3.39	cps
Boron	10-1	41671	42022	44960	42884	4.21	cps
Boron	11-1	199807	203048	212600	205152	3.24	cps
Bromine	81-1	62011	70589	80744	71114	13.19	cps
Cadmium	111-1	2007	1929	1936	1958	2.22	cps
Cadmium	106-1	9562	9170	9487	9406	2.21	cps
Cadmium	108-1	67	67	88	74	16.34	cps
Calcium	43-1	4164741	4084727	4145146	4131538	1.01	cps
Calcium	44-1	67621947	68333606	68872849	68276134	0.92	cps
Carbon	12-1	9346457	9812104	10168345	9775635	4.22	cps
Carbon	12-2	101820	102893	103263	102659	0.73	cps
Chlorine	35-1	6829195	6573707	6490101	6631001	2.66	cps
Chlorine	35-2	36163	35027	34968	35386	1.90	cps
Chromium	52-2	15976	15198	15519	15564	2.51	cps
Cobalt	59-2	12782	12599	13340	12907	2.99	cps
Copper	63-2	24281	24461	24682	24475	0.82	cps
Dysprosium	156-1	5093	5176	4934	5068	2.42	cps
Dysprosium	156-2	1763	1900	1807	1823	3.83	cps
Erbium	164-1	4534	4318	4384	4412	2.52	cps
Erbium	164-2	1520	1527	1550	1532	1.03	cps
Gadolinium	160-1	4726	4684	4693	4701	0.47	cps
Gadolinium	160-2	2204	2180	2257	2214	1.78	cps
Holmium	165-1	24350427	25425060	26076891	25284126	3.45	cps
Holmium	165-2	10182419	10661610	10735496	10526508	2.85	cps
Indium	115-1	20263798	22381899	22634965	21760221	5.98	cps
Indium	115-2	2671659	2786744	2803028	2753810	2.60	cps
Iron	54-2	381831	388149	390601	386860	1.17	cps
Iron	56-2	7157274	7361287	7230804	7249788	1.43	cps
Iron	57-2	175208	173898	171881	173662	0.97	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	583	587	600	4.34	cps
Lead	206-1	13352	14141	13479	13657	3.10	cps
Lead	207-1	10966	11635	11483	11361	3.09	cps
Lead	208-1	51786	53422	52063	52424	1.67	cps
Lithium	6-1	9445877	10220753	10270737	9979122	4.63	cps
Magnesium	24-2	3576438	3563196	3625953	3588529	0.92	cps
Manganese	55-2	1036679	1035109	1045385	1039057	0.53	cps
Molybdenum	94-1	28601	28313	27344	28086	2.34	cps
Molybdenum	95-1	37359	35087	36298	36248	3.14	cps
Molybdenum	96-1	40719	40209	40802	40577	0.79	cps
Molybdenum	97-1	21951	22460	22511	22307	1.39	cps
Molybdenum	98-1	57345	57319	57521	57395	0.19	cps
Neodymium	150-1	7202	6242	6862	6769	7.20	cps
Neodymium	150-2	1877	1830	1820	1842	1.64	cps
Nickel	60-2	7532	7492	7402	7475	0.89	cps
Phosphorus	31-2	375	383	425	394	6.79	cps
Potassium	39-2	444261	442902	442525	443229	0.21	cps
Rhodium	103-1	19477095	21284192	21270979	20677422	5.03	cps
Rhodium	103-2	8538586	9043157	9143990	8908578	3.64	cps
Scandium	45-1	15591890	16859056	17174823	16541923	5.06	cps
Scandium	45-2	419101	443488	446104	436231	3.41	cps
Selenium	82-1	201	249	252	234	12.17	cps
Selenium	77-2	27	7	17	17	59.99	cps
Selenium	78-2	39	50	47	45	12.55	cps
Silicon	28-1	55622949	54625057	54639864	54962623	1.04	cps
Silver	107-1	917	933	817	889	7.10	cps
Silver	109-1	825	717	592	711	16.42	cps
Sodium	23-2	24006536	24700154	24604127	24436939	1.54	cps
Strontium	86-1	923016	899167	908628	910270	1.32	cps
Strontium	88-1	7998486	8009629	7944531	7984215	0.44	cps
Sulfur	34-1	2235830	2189179	2154843	2193284	1.85	cps
Terbium	159-1	25483622	27235201	27521604	26746809	4.12	cps
Terbium	159-2	10132241	10272682	10456974	10287299	1.58	cps
Thallium	203-1	933	858	900	897	4.19	cps
Thallium	205-1	2184	1742	1917	1947	11.42	cps
Tin	118-1	7244	7344	7827	7472	4.18	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:46:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	33048	32962	29754	31921	5.88	cps
Uranium	238-1	14409	14550	15084	14681	2.43	cps
Vanadium	51-2	5284	5364	5388	5346	1.01	cps
Ytterbium	172-1	983	1233	1350	1189	15.76	cps
Ytterbium	172-2	550	383	567	500	20.28	cps
Ytterbium	176-1	3309	3451	3667	3476	5.19	cps
Ytterbium	176-2	2028	2061	1889	1993	4.58	cps
Yttrium	89-1	33566224	35695517	36043896	35101879	3.82	cps
Yttrium	89-2	2949769	3173979	3115883	3079877	3.78	cps
Zinc	66-2	5985	5731	6071	5929	2.98	cps
Zirconium	90-1	19848	19689	24051	21196	11.67	cps
Zirconium	91-1	4634	4367	5151	4718	8.45	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	518921	514200	513702	515608	0.56	cps
Antimony	121-1	4042	3776	3542	3787	6.61	cps
Arsenic	75-2	1560	1521	1530	1537	1.33	cps
Barium	135-1	372851	371296	368838	370995	0.55	cps
Barium	137-1	649688	647844	644428	647320	0.41	cps
Beryllium	9-1	2040	2024	2180	2081	4.12	cps
Bismuth	209-1	16447864	15948696	16203479	16200013	1.54	cps
Bismuth	209-2	7772456	7425437	7563732	7587209	2.30	cps
Boron	10-1	20620	20871	21435	20975	1.99	cps
Boron	11-1	100513	100006	101957	100825	1.00	cps
Bromine	81-1	33033	33063	33845	33314	1.38	cps
Cadmium	111-1	5125	5034	4759	4973	3.84	cps
Cadmium	106-1	10513	10229	9920	10221	2.90	cps
Cadmium	108-1	283	292	275	283	2.94	cps
Calcium	43-1	689302	689873	690033	689736	0.06	cps
Calcium	44-1	11361315	11193596	11286390	11280434	0.74	cps
Carbon	12-1	9162370	9844234	9939121	9648575	4.39	cps
Carbon	12-2	97229	98917	97961	98036	0.86	cps
Chlorine	35-1	3047906	2859594	2819766	2909089	4.19	cps
Chlorine	35-2	15425	14157	14007	14530	5.36	cps
Chromium	52-2	75639	75140	76259	75679	0.74	cps
Cobalt	59-2	148396	149369	148819	148862	0.33	cps
Copper	63-2	50630	50252	50382	50422	0.38	cps
Dysprosium	156-1	21025	21293	22135	21484	2.70	cps
Dysprosium	156-2	8336	7912	7679	7976	4.18	cps
Erbium	164-1	18730	19164	18722	18872	1.34	cps
Erbium	164-2	6662	6838	6782	6761	1.33	cps
Gadolinium	160-1	21368	21393	22803	21855	3.76	cps
Gadolinium	160-2	9870	9867	9660	9799	1.23	cps
Holmium	165-1	26862336	26953371	26637976	26817894	0.61	cps
Holmium	165-2	10335549	10163984	10244668	10248067	0.84	cps
Indium	115-1	23109570	22651620	23121447	22960879	1.17	cps
Indium	115-2	2680804	2654787	2709284	2681625	1.02	cps
Iron	54-2	1886578	1800089	1883556	1856741	2.64	cps
Iron	56-2	34754686	33087209	33567574	33803156	2.54	cps
Iron	57-2	816847	804895	812305	811349	0.74	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	577	577	647	600	6.74	cps
Lead	206-1	59419	58811	61283	59838	2.15	cps
Lead	207-1	48681	47666	48848	48398	1.32	cps
Lead	208-1	228184	224875	228893	227317	0.94	cps
Lithium	6-1	10306353	10336504	10141694	10261517	1.02	cps
Magnesium	24-2	1234811	1209051	1212388	1218750	1.15	cps
Manganese	55-2	3109117	3058055	3033472	3066881	1.26	cps
Molybdenum	94-1	21985	23718	22897	22867	3.79	cps
Molybdenum	95-1	8303	8403	8786	8497	3.00	cps
Molybdenum	96-1	12147	12106	10946	11733	5.81	cps
Molybdenum	97-1	5051	5218	5184	5151	1.71	cps
Molybdenum	98-1	13048	12790	13182	13006	1.53	cps
Neodymium	150-1	29392	28811	29432	29212	1.19	cps
Neodymium	150-2	7889	7976	7636	7833	2.26	cps
Nickel	60-2	58814	58881	58928	58875	0.10	cps
Phosphorus	31-2	1150	1342	1358	1283	9.02	cps
Potassium	39-2	322206	317448	324498	321384	1.12	cps
Rhodium	103-1	22227663	21906880	21621509	21918684	1.38	cps
Rhodium	103-2	8909435	8554566	8995567	8819856	2.65	cps
Scandium	45-1	17108790	16836979	16829331	16925033	0.94	cps
Scandium	45-2	429524	419197	428379	425700	1.33	cps
Selenium	82-1	106	77	-2	60	92.57	cps
Selenium	77-2	50	50	63	54	14.14	cps
Selenium	78-2	73	64	61	66	9.46	cps
Silicon	28-1	151300487	153186212	148669174	151051958	1.50	cps
Silver	107-1	517	725	742	661	18.96	cps
Silver	109-1	550	542	567	553	2.30	cps
Sodium	23-2	2643839	2728109	2669991	2680646	1.61	cps
Strontium	86-1	306273	304635	304848	305252	0.29	cps
Strontium	88-1	2709621	2629140	2762163	2700308	2.48	cps
Sulfur	34-1	1667907	1618801	1639111	1641939	1.50	cps
Terbium	159-1	27644740	27519227	27830544	27664837	0.57	cps
Terbium	159-2	10283886	10059210	9859260	10067452	2.11	cps
Thallium	203-1	1475	1642	1625	1581	5.81	cps
Thallium	205-1	3342	3809	3592	3581	6.52	cps
Tin	118-1	8653	8678	8561	8631	0.71	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	M3516-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:49:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	152210	153571	164190	156657	4.19	cps
Uranium	238-1	13457	12824	13491	13257	2.84	cps
Vanadium	51-2	30740	30068	30135	30314	1.22	cps
Ytterbium	172-1	4901	4826	4651	4793	2.68	cps
Ytterbium	172-2	1945	2189	2684	2273	16.58	cps
Ytterbium	176-1	6002	5651	6060	5904	3.74	cps
Ytterbium	176-2	2895	3067	3234	3065	5.53	cps
Yttrium	89-1	36653869	35140084	36064474	35952809	2.12	cps
Yttrium	89-2	3014324	2914645	2997011	2975327	1.79	cps
Zinc	66-2	37804	37697	38709	38070	1.46	cps
Zirconium	90-1	49625	50296	48075	49332	2.31	cps
Zirconium	91-1	11155	10371	11106	10877	4.04	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3838235	4046330	3921914	3935493	2.66	cps
Antimony	121-1	5246741	5207626	5126859	5193742	1.18	cps
Arsenic	75-2	131826	135166	134793	133928	1.37	cps
Barium	135-1	6667864	6715957	6315148	6566323	3.33	cps
Barium	137-1	11501350	11436291	10998971	11312204	2.42	cps
Beryllium	9-1	1748443	1714181	1731411	1731345	0.99	cps
Bismuth	209-1	14218254	14419604	14487971	14375276	0.98	cps
Bismuth	209-2	6718351	6569293	6743325	6676989	1.41	cps
Boron	10-1	206526	210446	222643	213205	3.94	cps
Boron	11-1	890535	954758	942587	929293	3.67	cps
Bromine	81-1	10705	10996	10515	10739	2.26	cps
Cadmium	111-1	1384596	1415194	1411335	1403709	1.19	cps
Cadmium	106-1	169813	171753	169307	170291	0.76	cps
Cadmium	108-1	112861	111370	111387	111872	0.77	cps
Calcium	43-1	10701905	10620619	10643608	10655377	0.39	cps
Calcium	44-1	171787117	171133594	172195521	171705410	0.31	cps
Carbon	12-1	9479347	10157266	10508951	10048521	5.21	cps
Carbon	12-2	110666	113411	110884	111654	1.37	cps
Chlorine	35-1	1401251	1427596	1375707	1401518	1.85	cps
Chlorine	35-2	7586	6985	6510	7027	7.67	cps
Chromium	52-2	1556541	1553392	1527200	1545711	1.04	cps
Cobalt	59-2	2733442	2762944	2769799	2755395	0.70	cps
Copper	63-2	20945122	21538620	21419197	21300980	1.47	cps
Dysprosium	156-1	1025	1200	1142	1122	7.94	cps
Dysprosium	156-2	470	473	473	472	0.41	cps
Erbium	164-1	308	283	292	294	4.32	cps
Erbium	164-2	87	147	110	114	26.43	cps
Gadolinium	160-1	1242	1275	1267	1261	1.38	cps
Gadolinium	160-2	607	520	607	578	8.66	cps
Holmium	165-1	25198782	25484606	26336541	25673310	2.31	cps
Holmium	165-2	9795974	9808258	9772829	9792354	0.18	cps
Indium	115-1	20920839	20758523	21768970	21149444	2.57	cps
Indium	115-2	2488320	2529256	2508514	2508697	0.82	cps
Iron	54-2	16213284	16429194	16207329	16283269	0.78	cps
Iron	56-2	297185984	302659451	296343518	298729651	1.15	cps
Iron	57-2	7163143	7247734	7379660	7263512	1.50	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	497	607	577	12.14	cps
Lead	206-1	19901629	20031330	20010405	19981122	0.35	cps
Lead	207-1	17348948	17219820	17440705	17336491	0.64	cps
Lead	208-1	79745103	79498018	79918903	79720675	0.27	cps
Lithium	6-1	9763875	9863080	10082009	9902988	1.64	cps
Magnesium	24-2	58625360	60286562	58611293	59174405	1.63	cps
Manganese	55-2	6975958	7206082	7112191	7098077	1.63	cps
Molybdenum	94-1	12311671	12630851	12316577	12419700	1.47	cps
Molybdenum	95-1	15290478	15326952	15246963	15288131	0.26	cps
Molybdenum	96-1	16949932	17007508	17189209	17048883	0.73	cps
Molybdenum	97-1	9261981	9463205	9269504	9331563	1.22	cps
Molybdenum	98-1	23745463	24679174	24341069	24255235	1.95	cps
Neodymium	150-1	273	433	387	364	22.58	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	714146	728566	724320	722344	1.03	cps
Phosphorus	31-2	39471	39906	38502	39293	1.83	cps
Potassium	39-2	18418818	18931268	18718962	18689683	1.38	cps
Rhodium	103-1	18981115	19820710	19619019	19473615	2.25	cps
Rhodium	103-2	7894255	7890580	8009668	7931501	0.85	cps
Scandium	45-1	15938267	16127721	16482266	16182751	1.71	cps
Scandium	45-2	412586	416153	418474	415738	0.71	cps
Selenium	82-1	111652	112250	112244	112049	0.31	cps
Selenium	77-2	2477	2390	2607	2491	4.38	cps
Selenium	78-2	8407	8676	8715	8599	1.94	cps
Silicon	28-1	5213255	5332278	5425418	5323650	2.00	cps
Silver	107-1	7462612	7238355	7407385	7369451	1.59	cps
Silver	109-1	6951469	7129095	6934917	7005160	1.54	cps
Sodium	23-2	117003111	116485498	115371686	116286765	0.72	cps
Strontium	86-1	19519228	19639526	19562522	19573759	0.31	cps
Strontium	88-1	168638191	173014596	167494133	169715640	1.72	cps
Sulfur	34-1	1150517	1147093	1158512	1152041	0.51	cps
Terbium	159-1	25981485	26662415	26581851	26408584	1.41	cps
Terbium	159-2	9562119	9450347	9570550	9527672	0.70	cps
Thallium	203-1	4962747	4936856	5002614	4967406	0.67	cps
Thallium	205-1	11551631	11504615	11820549	11625598	1.47	cps
Tin	118-1	4598923	4590691	4637637	4609084	0.54	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 14:54:39	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4733375	4805540	4829944	4789620	1.05	cps
Uranium	238-1	15573347	15712883	15470795	15585675	0.78	cps
Vanadium	51-2	1181290	1203777	1187670	1190912	0.97	cps
Ytterbium	172-1	83	67	83	78	12.37	cps
Ytterbium	172-2	72	33	67	57	36.64	cps
Ytterbium	176-1	2767	3242	2492	2834	13.39	cps
Ytterbium	176-2	1795	1772	1900	1822	3.75	cps
Yttrium	89-1	34125208	34013826	34966373	34368469	1.52	cps
Yttrium	89-2	2835875	2890608	2933622	2886702	1.70	cps
Zinc	66-2	2371653	2403857	2413792	2396434	0.92	cps
Zirconium	90-1	10189034	10294796	10142313	10208714	0.77	cps
Zirconium	91-1	2312420	2326868	2296555	2311948	0.66	cps

LB Number : LB116054 Operator : Jaswal
 Lab Sample ID : CCB004 Instrumnet Name : P8
 Client Sample ID : CCB004 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-27 15:00:58 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	266	275	255	10.46	cps
Antimony	121-1	750	750	1092	864	22.83	cps
Arsenic	75-2	4	7	5	5	28.64	cps
Barium	135-1	275	325	350	317	12.06	cps
Barium	137-1	525	425	508	486	11.02	cps
Beryllium	9-1	84	64	70	73	14.12	cps
Bismuth	209-1	15987921	16084374	16303449	16125248	1.00	cps
Bismuth	209-2	7405253	7393190	7517115	7438519	0.92	cps
Boron	10-1	6864	6770	6690	6775	1.29	cps
Boron	11-1	31858	31459	30802	31373	1.70	cps
Bromine	81-1	9673	9283	9683	9546	2.39	cps
Cadmium	111-1	1865	1786	1868	1840	2.54	cps
Cadmium	106-1	9195	8928	9220	9114	1.77	cps
Cadmium	108-1	58	83	67	69	18.33	cps
Calcium	43-1	675	737	734	715	4.90	cps
Calcium	44-1	33968	34660	34223	34284	1.02	cps
Carbon	12-1	6792432	6823139	6869358	6828309	0.57	cps
Carbon	12-2	63948	63279	64057	63761	0.66	cps
Chlorine	35-1	875224	860274	852282	862594	1.35	cps
Chlorine	35-2	4501	4342	4743	4529	4.45	cps
Chromium	52-2	927	1010	973	970	4.31	cps
Cobalt	59-2	190	143	167	167	14.00	cps
Copper	63-2	1527	1250	1343	1373	10.25	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	142	167	158	156	8.18	cps
Erbium	164-2	40	57	63	53	22.53	cps
Gadolinium	160-1	167	183	183	178	5.41	cps
Gadolinium	160-2	40	37	63	47	31.13	cps
Holmium	165-1	26235593	25717884	25831168	25928215	1.05	cps
Holmium	165-2	9933569	9882107	10027128	9947602	0.74	cps
Indium	115-1	22692581	22351959	22946914	22663818	1.32	cps
Indium	115-2	2666604	2654301	2717882	2679596	1.26	cps
Iron	54-2	483	611	567	554	11.72	cps
Iron	56-2	7497	7836	7875	7736	2.69	cps
Iron	57-2	244	267	206	239	12.95	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 15:00:58	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	533	590	582	7.81	cps
Lead	206-1	1700	1683	1778	1721	2.93	cps
Lead	207-1	1495	1456	1445	1465	1.79	cps
Lead	208-1	6845	6734	6951	6843	1.58	cps
Lithium	6-1	10206054	10546848	10384108	10379003	1.64	cps
Magnesium	24-2	1242	1417	1200	1286	8.94	cps
Manganese	55-2	270	263	293	276	5.72	cps
Molybdenum	94-1	1008	908	1150	1022	11.88	cps
Molybdenum	95-1	317	233	308	286	16.04	cps
Molybdenum	96-1	567	475	517	519	8.84	cps
Molybdenum	97-1	233	308	308	283	15.28	cps
Molybdenum	98-1	542	492	617	550	11.44	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	93	67	67	76	20.37	cps
Phosphorus	31-2	92	150	142	128	24.69	cps
Potassium	39-2	12564	12806	13548	12973	3.95	cps
Rhodium	103-1	21979775	21426030	21028397	21478068	2.22	cps
Rhodium	103-2	8705633	8614426	8835731	8718596	1.28	cps
Scandium	45-1	16217193	16672086	16361146	16416808	1.42	cps
Scandium	45-2	415023	421202	414332	416852	0.91	cps
Selenium	82-1	-47	48	-12	-4	-1273.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	29	17	26	30.53	cps
Silicon	28-1	353554	352208	356193	353985	0.57	cps
Silver	107-1	517	525	558	533	4.13	cps
Silver	109-1	467	342	375	394	16.41	cps
Sodium	23-2	31092	30140	29815	30349	2.19	cps
Strontium	86-1	1292	1308	1608	1403	12.71	cps
Strontium	88-1	3234	3576	3909	3573	9.45	cps
Sulfur	34-1	527569	532647	536329	532181	0.83	cps
Terbium	159-1	26897882	26546185	26330100	26591389	1.08	cps
Terbium	159-2	10156256	9666629	9728364	9850416	2.71	cps
Thallium	203-1	1083	908	983	992	8.85	cps
Thallium	205-1	1959	2109	1900	1989	5.40	cps
Tin	118-1	4309	3984	4092	4129	4.01	cps

LB Number :	LB116054	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-08-27 15:00:58	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	283	233	264	10.15	cps
Uranium	238-1	158	200	167	175	12.60	cps
Vanadium	51-2	20	30	13	21	39.75	cps
Ytterbium	172-1	142	83	67	97	40.50	cps
Ytterbium	172-2	22	39	6	22	74.99	cps
Ytterbium	176-1	2725	2917	3209	2950	8.25	cps
Ytterbium	176-2	1889	2161	2200	2084	8.14	cps
Yttrium	89-1	35185493	34766227	35773165	35241628	1.44	cps
Yttrium	89-2	2956627	2884216	2899963	2913602	1.31	cps
Zinc	66-2	743	710	700	718	3.16	cps
Zirconium	90-1	2325	2259	2250	2278	1.80	cps
Zirconium	91-1	367	608	383	453	29.81	cps