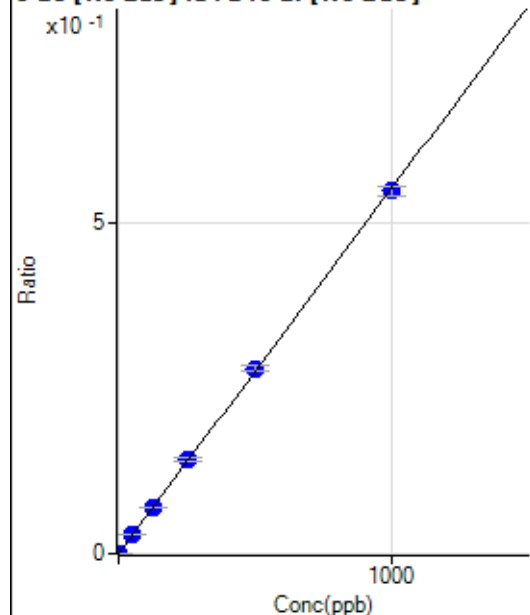


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012822MS.b\
 Analysis File: P8012822MS.batch.bin
 DA Date-Time: 2022-01-28 16:30:31
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-01-28 14:01:12
2	007CALS.d	S02	2022-01-28 14:07:23
3	008CALS.d	S03	2022-01-28 14:10:30
4	009CALS.d	S04	2022-01-28 14:13:33
5	010CALS.d	S05	2022-01-28 14:16:39
6	011CALS.d	S06	2022-01-28 14:19:42
7	012CALS.d	S07	2022-01-28 14:22:48
8	013CALS.d	S08	2022-01-28 14:25:52

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39.32	0.0000	P	26.2
2	☐	1.000	0.989	844.53	0.0006	P	7.5
3	☐	50.000	53.124	43116.99	0.0293	P	1.4
4	☐	125.000	126.466	108653.38	0.0696	P	1.4
5	☐	250.000	258.575	220574.28	0.1424	P	2.9
6	☐	500.000	507.596	441470.96	0.2795	P	3.2
7	☐	1000.000	993.719	880253.99	0.5471	P	2.9
8	☐			589.90	0.0004	P	20.7

$$y = 5.5052\text{E-}004 * x + 2.5979\text{E-}005$$

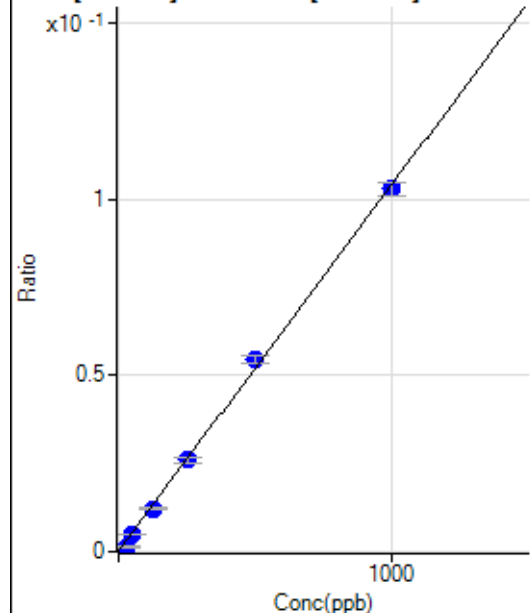
$$R = 0.9999$$

$$DL = 0.03707$$

$$BEC = 0.04719$$

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	258.62	0.0002	P	11.4
2	☐	25.000	11.137	1959.08	0.0013	P	12.2
3	☐	50.000	46.934	7425.78	0.0050	P	5.2
4	☐	125.000	115.529	18971.25	0.0122	P	7.1
5	☐	250.000	248.348	40174.88	0.0259	P	7.3
6	☐	500.000	525.378	86452.43	0.0547	P	4.1
7	☐	1000.000	989.407	165578.38	0.1029	P	3.6
8	☐			20757.93	0.0143	P	10.0

$$y = 1.0378\text{E-}004 * x + 1.7077\text{E-}004$$

$$R = 0.9994$$

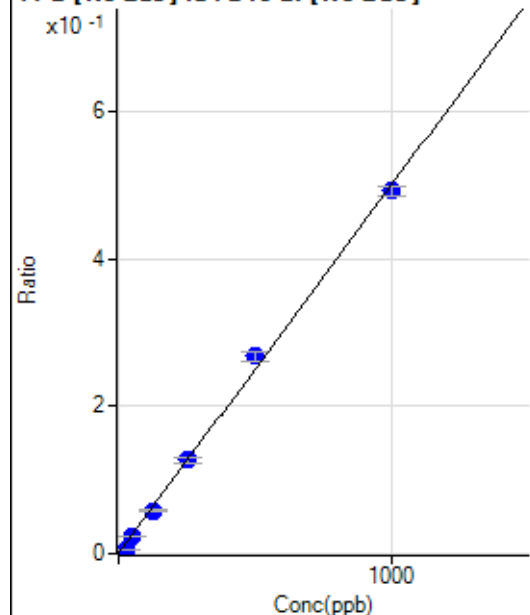
$$DL = 0.5636$$

$$BEC = 1.645$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1168.49	0.0008	P	3.0
2	☐	25.000	10.937	9227.77	0.0062	P	7.9
3	☐	50.000	45.827	34890.65	0.0237	P	7.4
4	☐	125.000	115.211	91105.93	0.0584	P	6.4
5	☐	250.000	251.822	196233.33	0.1267	P	7.1
6	☐	500.000	534.868	424105.12	0.2683	P	4.7
7	☐	1000.000	983.894	793452.61	0.4929	P	2.5
8	☐			100151.96	0.0688	P	11.4

$$y = 5.0018\text{E-}004 * x + 7.7139\text{E-}004$$

R = 0.9989

DL = 0.1389

BEC = 1.542

Weight: <None>

Min Conc: 0

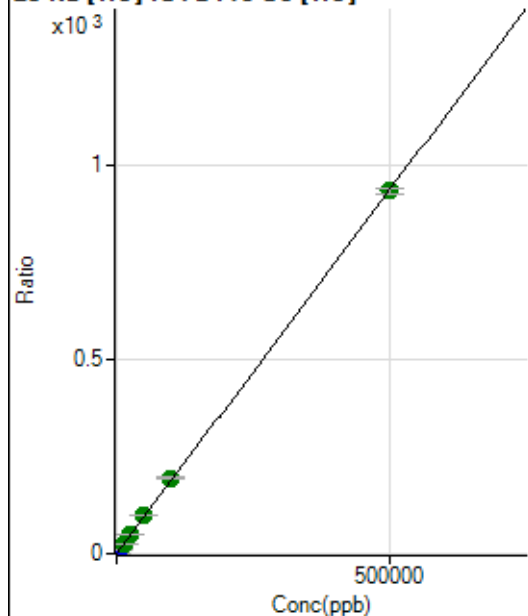
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4470512.77		A	0.8
2	☐			4246651.96		A	1.9
3	☐			4672180.49		A	1.9
4	☐			4786206.79		A	0.2
5	☐			4950456.93		A	1.5
6	☐			5205574.99		A	2.0
7	☐			5982284.68		A	4.8
8	☐			5312177.42		A	2.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44627.13		P	2.7
2	☐			44273.47		P	0.9
3	☐			49308.58		P	1.8
4	☐			50186.85		P	0.5
5	☐			52544.89		P	2.6
6	☐			55628.47		P	0.4
7	☐			66403.26		P	0.3
8	☐			57819.97		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16050.92	0.1754	P	4.3
2	☐	500.000	464.811	96925.65	1.0466	P	1.0
3	☐	5000.000	4950.294	904548.02	9.4538	P	1.7
4	☐	12500.000	13125.445	2351551.59	24.7766	A	1.5
5	☐	25000.000	26587.334	4544699.75	50.0083	A	4.0
6	☐	50000.000	52726.782	9240306.02	99.0018	A	2.2
7	☐	100000.00	103678.92	18259264.99	194.5019	A	1.7
8	☐	500000.00	498897.06	86650558.19	935.2633	A	1.4

$$y = 0.0019 * x + 0.1754$$

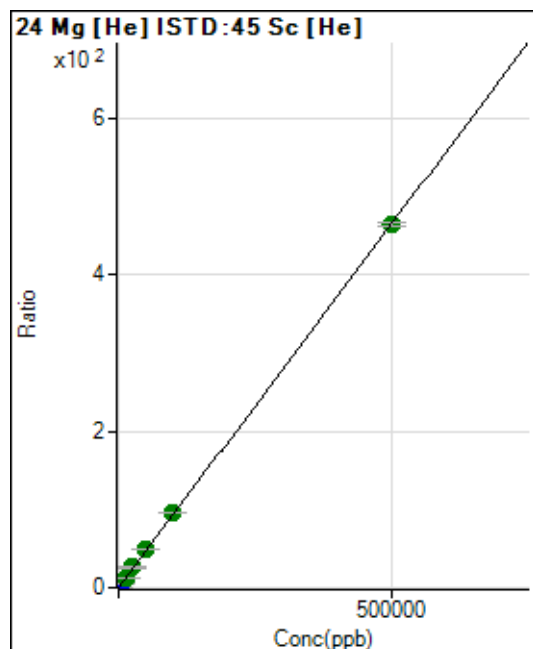
$$R = 1.0000$$

$$DL = 12.19$$

$$BEC = 93.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	697.26	0.0076	P	2.9
2	☐	500.000	479.740	42025.44	0.4538	P	1.5
3	☐	5000.000	5092.890	453922.32	4.7444	P	2.3
4	☐	12500.000	13491.114	1191798.79	12.5553	A	1.2
5	☐	25000.000	27838.311	2354189.83	25.8992	A	2.5
6	☐	50000.000	52984.081	4600789.69	49.2865	A	0.3
7	☐	100000.00	103585.73	9044700.20	96.3496	A	1.2
8	☐	500000.00	498816.84	42985875.96	463.9420	A	1.0

$$y = 9.3007\text{E-}004 * x + 0.0076$$

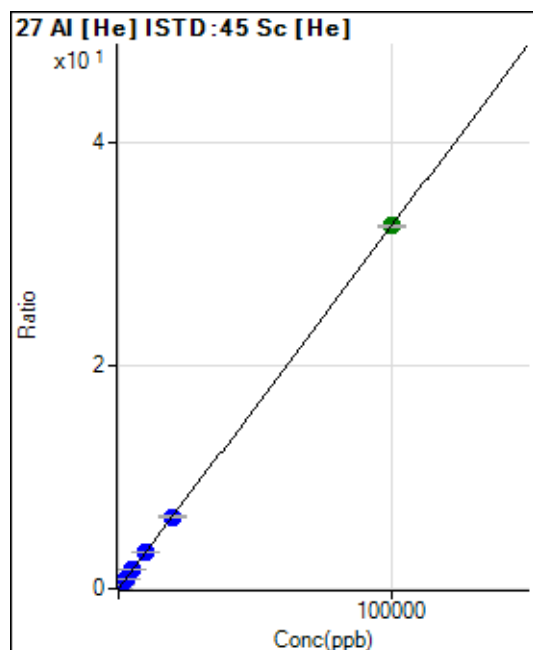
$$R = 1.0000$$

$$DL = 0.7011$$

$$BEC = 8.194$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.07	0.0012	P	4.9
2	☐	20.000	17.515	637.02	0.0069	P	6.3
3	☐	1000.000	987.574	30903.40	0.3230	P	1.3
4	☐	2500.000	2486.200	77007.84	0.8113	P	0.8
5	☐	5000.000	5197.597	154028.23	1.6948	P	3.7
6	☐	10000.000	9970.109	303340.33	3.2500	P	2.0
7	☐	20000.000	19875.690	608080.77	6.4777	P	1.4
8	☐	100000.00	100018.44	3019819.93	32.5925	A	0.7

$$y = 3.2585\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

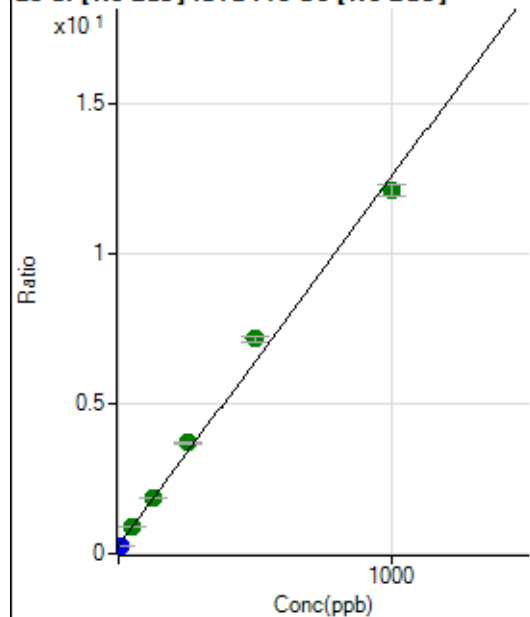
$$DL = 0.5284$$

$$BEC = 3.592$$

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	686458.32	0.2646	P	2.6
2	☐	10.000	0.876	707440.35	0.2754	P	2.3
3	☐	50.000	52.640	2399664.03	0.9126	A	1.1
4	☐	125.000	129.883	5023231.06	1.8634	A	1.8
5	☐	250.000	279.169	9710669.32	3.7010	A	0.9
6	☐	500.000	560.438	19182417.10	7.1632	A	2.5
7	☐	1000.000	961.838	33400842.76	12.1041	A	3.3
8	☐			1306987.01	0.5102	A	3.8

$$y = 0.0123 * x + 0.2646$$

R = 0.9965

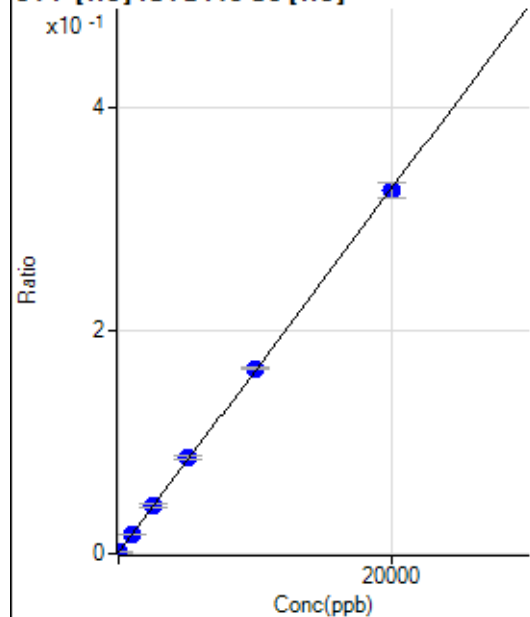
DL = 1.702

BEC = 21.5

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.068	77.78	0.0008	P	58.8
2	☐	0.000	7.068	100.00	0.0011	P	8.8
3	☐	1000.000	972.950	1611.24	0.0168	P	5.5
4	☐	2500.000	2590.830	4103.48	0.0432	P	8.2
5	☐	5000.000	5257.460	7882.92	0.0867	P	4.6
6	☐	10000.000	10099.107	15469.72	0.1657	P	1.1
7	☐	20000.000	19876.080	30527.21	0.3252	P	4.1
8	☐			105.56	0.0011	P	45.8

$$y = 1.6314E-005 * x + 9.6482E-004$$

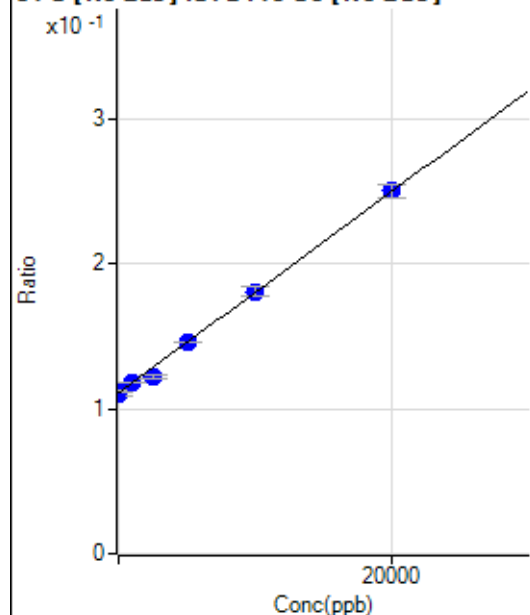
R = 0.9999

DL = 54.65

BEC = 59.14

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-170.861	284582.95	0.1097	P	2.6
2	☐	0.000	170.861	287894.94	0.1121	P	2.2
3	☐	1000.000	1083.244	311346.11	0.1184	P	0.2
4	☐	2500.000	1582.670	328514.18	0.1219	P	1.7
5	☐	5000.000	5027.755	382452.66	0.1458	P	0.3
6	☐	10000.000	10092.145	484368.30	0.1809	P	3.8
7	☐	20000.000	20057.493	689935.65	0.2501	P	3.7
8	☐			277510.35	0.1083	P	2.2

$$y = 6.9385E-006 * x + 0.1109$$

R = 0.9988

DL = 1138

BEC = 1.598E+04

Weight: <None>

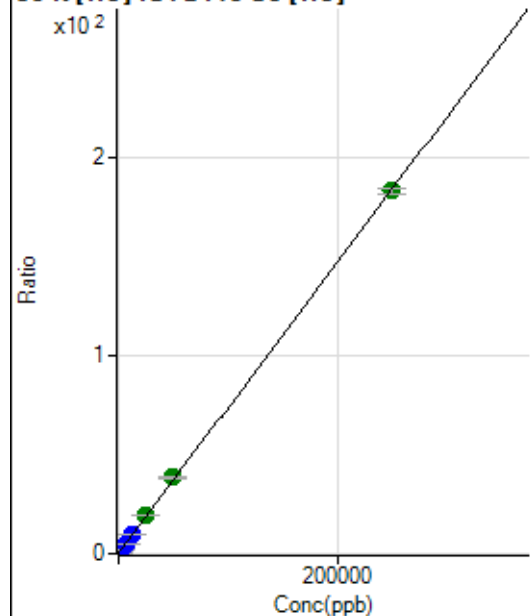
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			522918.24		P	1.2
2	☐			429415.31		P	1.2
3	☐			387056.45		P	0.5
4	☐			355142.04		P	1.0
5	☐			331361.48		P	1.1
6	☐			307750.30		P	1.8
7	☐			289919.63		P	0.5
8	☐			285801.51		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3831.17		P	11.4
2	☐			3128.19		P	1.7
3	☐			2844.81		P	6.7
4	☐			2650.32		P	4.4
5	☐			2294.68		P	7.6
6	☐			2139.12		P	5.0
7	☐			2094.66		P	12.2
8	☐			2125.21		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17905.98	0.1957	P	2.6
2	☐	500.000	455.894	49039.74	0.5296	P	2.0
3	☐	2500.000	2446.138	190120.11	1.9870	P	0.2
4	☐	6250.000	6228.096	451491.37	4.7564	P	1.8
5	☐	12500.000	13063.183	887181.38	9.7615	P	3.6
6	☐	25000.000	25998.347	1795458.83	19.2336	A	1.6
7	☐	50000.000	52150.463	3603372.30	38.3840	A	1.1
8	☐	250000.00	249443.08	16941052.64	182.8559	A	1.3

$$y = 7.3227E-004 * x + 0.1957$$

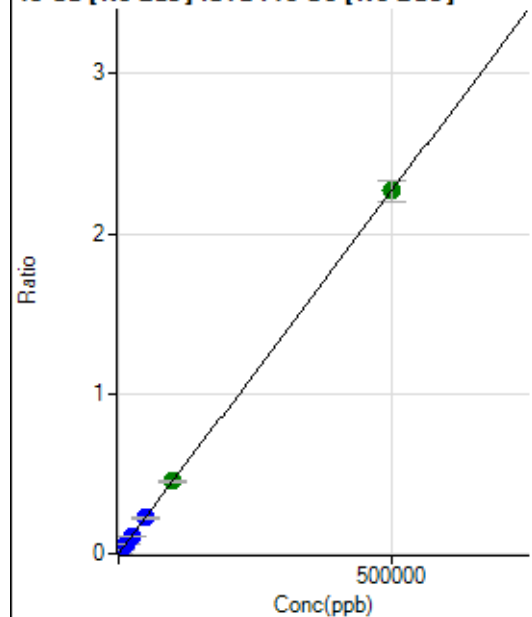
$$R = 1.0000$$

$$DL = 21.03$$

$$BEC = 267.3$$

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	224.97	0.0001	P	7.6
2	☐	500.000	440.896	5359.51	0.0021	P	2.8
3	☐	5000.000	4875.839	58380.25	0.0222	P	0.8
4	☐	12500.000	12116.686	148384.24	0.0550	P	1.2
5	☐	25000.000	24830.219	295696.78	0.1127	P	1.0
6	☐	50000.000	49397.918	600197.67	0.2241	P	2.7
7	☐	100000.00	99834.231	1249926.51	0.4529	A	3.2
8	☐	500000.00	500112.73	5807571.67	2.2683	A	5.7

$$y = 4.5355\text{E-}006 * x + 8.6775\text{E-}005$$

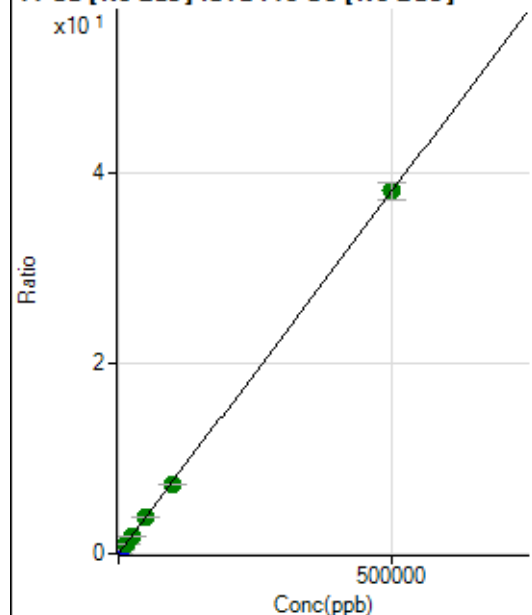
$$R = 1.0000$$

$$DL = 4.364$$

$$BEC = 19.13$$

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	22461.01	0.0087	P	4.0
2	☐	500.000	438.670	107885.71	0.0420	P	2.4
3	☐	5000.000	4776.789	977380.54	0.3717	P	0.7
4	☐	12500.000	12190.651	2521316.09	0.9351	A	1.0
5	☐	25000.000	24775.942	4962874.34	1.8916	A	1.4
6	☐	50000.000	49584.971	10115264.67	3.7770	A	2.0
7	☐	100000.00	95350.948	20030864.51	7.2551	A	2.1
8	☐	500000.00	500992.54	97512426.94	38.0828	A	5.1

$$y = 7.5997\text{E-}005 * x + 0.0087$$

$$R = 1.0000$$

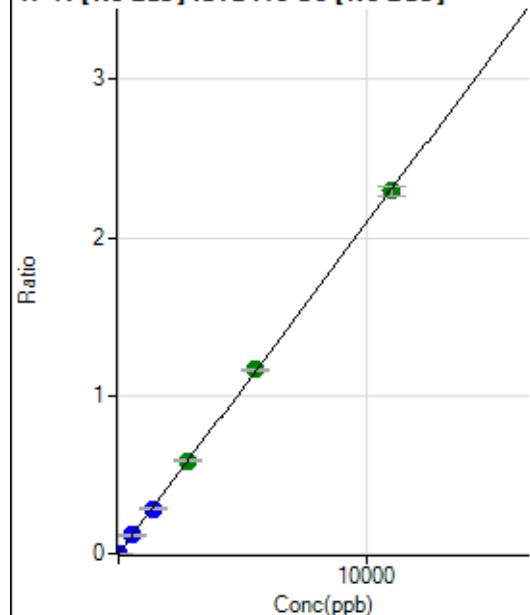
$$DL = 13.83$$

$$BEC = 114$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56	0.0001	P	14.9
2	☐	5.000	4.985	2908.72	0.0011	P	8.3
3	☐	550.000	554.204	305487.65	0.1162	P	1.6
4	☐	1375.000	1358.823	767472.38	0.2847	P	1.9
5	☐	2750.000	2814.215	1546731.04	0.5895	A	1.5
6	☐	5500.000	5557.620	3118054.54	1.1642	A	1.5
7	☐	11000.000	10956.948	6335171.24	2.2951	A	2.6
8	☐			1564.02	0.0006	P	35.5

$$y = 2.0946\text{E-}004 * x + 8.8876\text{E-}005$$

$$R = 1.0000$$

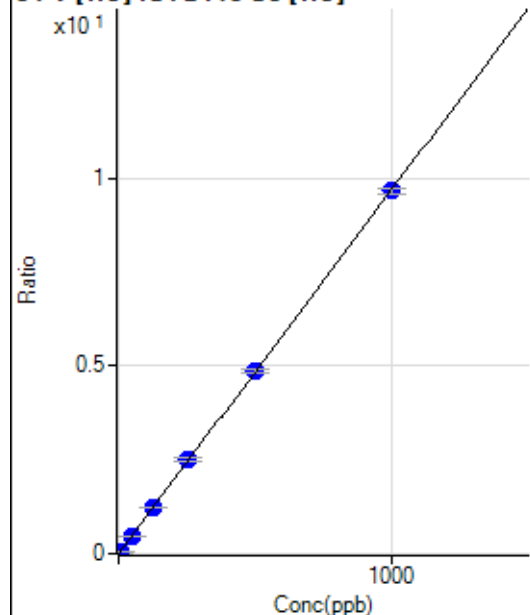
$$DL = 0.1898$$

$$BEC = 0.4243$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.5
2	☐	5.000	4.777	4295.13	0.0464	P	1.8
3	☐	50.000	48.911	45390.94	0.4744	P	2.3
4	☐	125.000	124.724	114813.00	1.2096	P	0.5
5	☐	250.000	258.188	227557.99	2.5039	P	3.9
6	☐	500.000	501.096	453575.56	4.8595	P	2.1
7	☐	1000.000	997.495	908071.98	9.6734	P	1.8
8	☐			288.90	0.0031	P	16.6

$$y = 0.0097 * x + 4.8579\text{E-}005$$

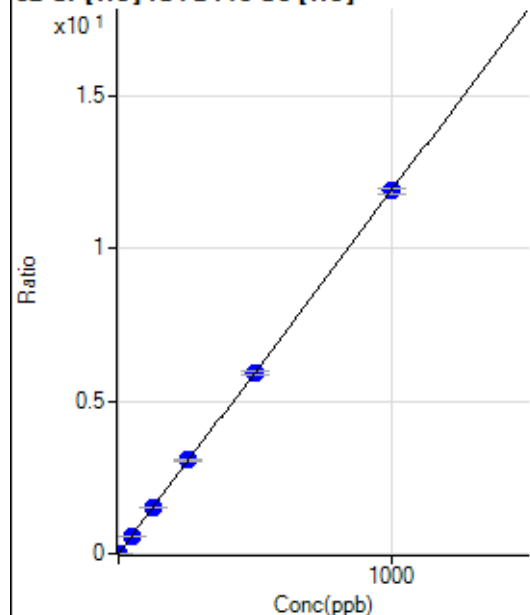
$$R = 1.0000$$

$$DL = 0.006536$$

$$BEC = 0.005009$$

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	543.35	0.0059	P	5.4
2	☐	2.000	1.889	2625.83	0.0284	P	0.3
3	☐	50.000	49.436	56706.67	0.5927	P	0.6
4	☐	125.000	125.058	141431.86	1.4901	P	1.1
5	☐	250.000	256.540	277318.18	3.0506	P	1.7
6	☐	500.000	498.109	552362.92	5.9175	P	1.7
7	☐	1000.000	999.332	1113867.87	11.8661	P	1.4
8	☐			2909.21	0.0314	P	3.1

$$y = 0.0119 * x + 0.0059$$

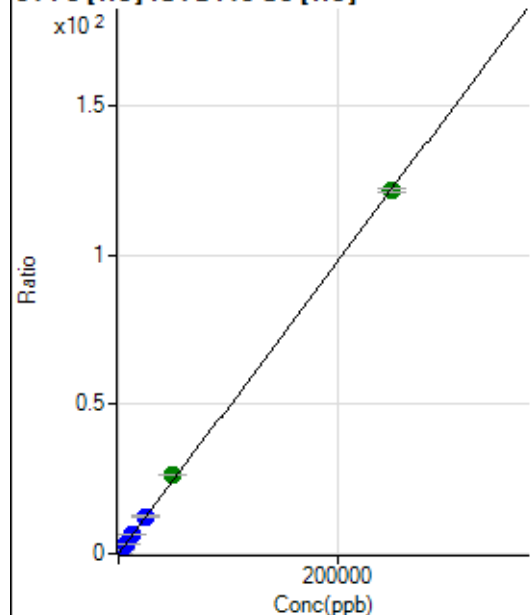
$$R = 1.0000$$

$$DL = 0.08154$$

$$BEC = 0.5004$$

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	514.83	0.0056	P	7.9
2	☐	50.000	47.552	2672.51	0.0289	P	4.6
3	☐	2500.000	2576.438	120991.33	1.2644	P	2.8
4	☐	6250.000	6379.831	296397.77	3.1227	P	0.6
5	☐	12500.000	13334.712	592723.34	6.5208	P	3.0
6	☐	25000.000	25707.408	1172895.27	12.5659	P	1.5
7	☐	50000.000	54418.323	2496372.02	26.5937	A	1.2
8	☐	250000.00	248999.84	11272265.64	121.6635	A	1.0

$$y = 4.8859E-004 * x + 0.0056$$

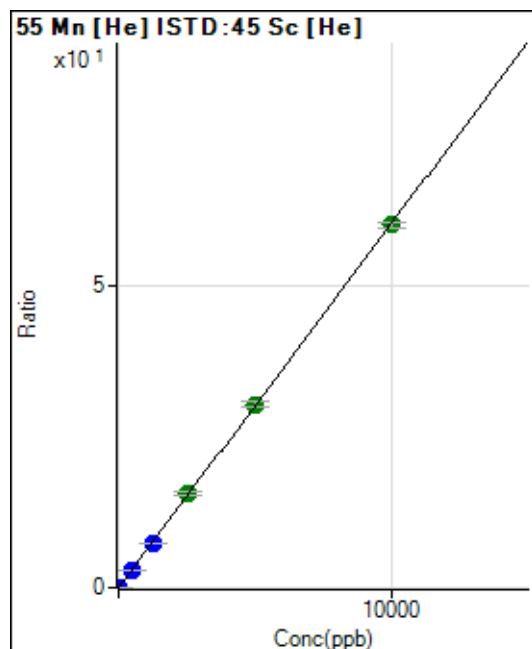
$$R = 0.9998$$

$$DL = 2.716$$

$$BEC = 11.52$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0006	P	33.2
2	☐	1.000	0.964	593.35	0.0064	P	9.6
3	☐	500.000	472.453	271919.72	2.8418	P	0.1
4	☐	1250.000	1199.299	684660.55	7.2130	P	0.6
5	☐	2500.000	2607.539	1425229.98	15.6818	A	3.7
6	☐	5000.000	5039.896	2828841.52	30.3095	A	2.7
7	☐	10000.000	9960.882	5623094.36	59.9034	A	1.7
8	☐			3223.79	0.0348	P	4.8

$$y = 0.0060 * x + 6.0752E-004$$

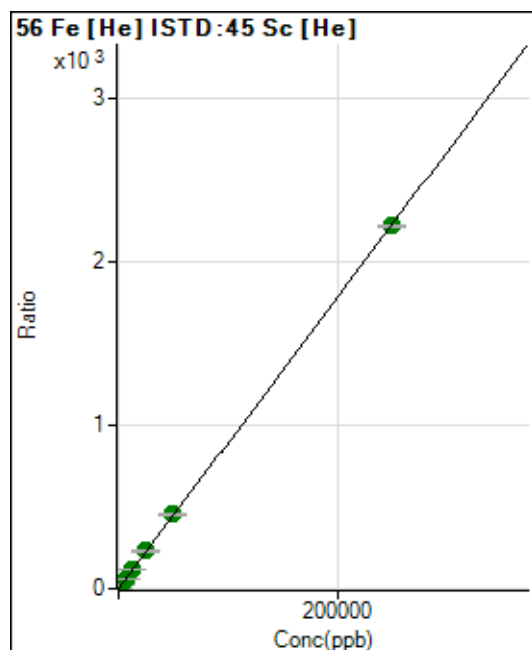
$$R = 0.9999$$

$$DL = 0.1006$$

$$BEC = 0.101$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3187.48	0.0348	P	9.5
2	☐	50.000	46.152	41269.23	0.4456	P	1.2
3	☐	2500.000	2663.607	2271971.84	23.7424	A	2.8
4	☐	6250.000	6492.152	5487677.96	57.8185	A	1.7
5	☐	12500.000	13689.338	11077960.55	121.8774	A	2.9
6	☐	25000.000	25961.024	21571293.77	231.1021	A	1.3
7	☐	50000.000	51179.588	42763744.47	455.5610	A	1.3
8	☐	250000.00	249600.82	205828260.1	2,221.617	A	0.7

$$y = 0.0089 * x + 0.0348$$

$$R = 1.0000$$

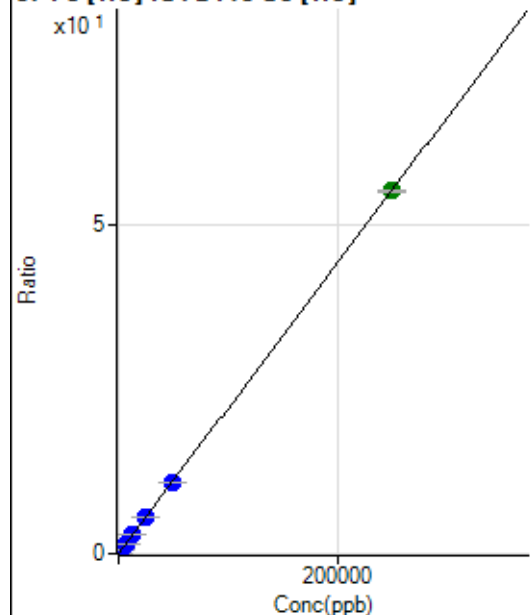
$$DL = 1.111$$

$$BEC = 3.914$$

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	201.86	0.0022	P	8.9
2	☐	50.000	48.825	1203.77	0.0130	P	1.6
3	☐	2500.000	2482.041	52712.61	0.5509	P	2.8
4	☐	6250.000	6281.085	131996.47	1.3906	P	0.4
5	☐	12500.000	12884.000	259080.77	2.8502	P	3.8
6	☐	25000.000	25295.012	522118.25	5.5937	P	1.3
7	☐	50000.000	49547.632	1028384.32	10.9548	P	0.3
8	☐	250000.00	250041.17	5121216.49	55.2741	A	0.3

$$y = 2.2105E-004 * x + 0.0022$$

$$R = 1.0000$$

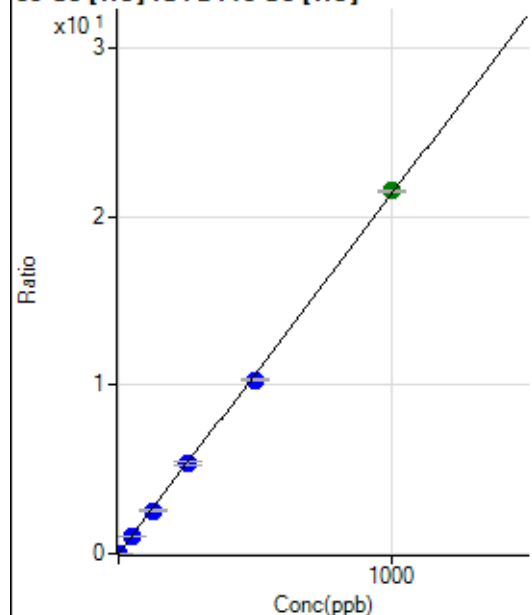
$$DL = 2.668$$

$$BEC = 9.981$$

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	63.33	0.0007	P	24.2
2	☐	1.000	0.931	1905.70	0.0206	P	3.6
3	☐	50.000	47.754	97624.60	1.0203	P	2.8
4	☐	125.000	119.948	243167.53	2.5617	P	1.2
5	☐	250.000	250.930	487007.88	5.3583	P	3.2
6	☐	500.000	482.322	961328.00	10.2988	P	0.9
7	☐	1000.000	1009.350	2023088.76	21.5513	A	0.6
8	☐			4557.45	0.0492	P	2.2

$$y = 0.0214 * x + 6.9232E-004$$

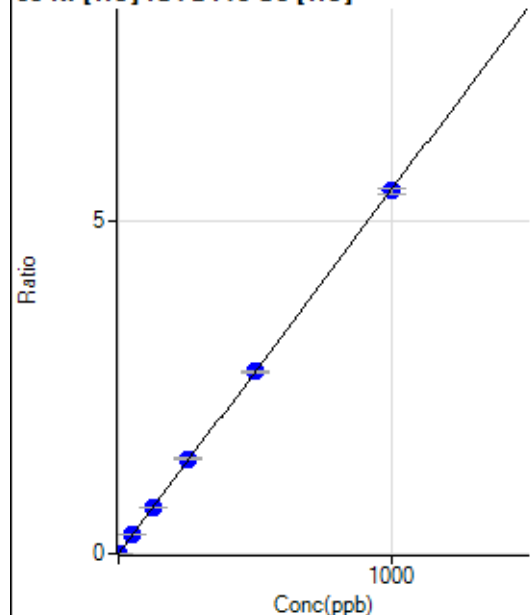
$$R = 0.9998$$

$$DL = 0.02355$$

$$BEC = 0.03243$$

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	97.78	0.0011	P	24.6
2	☐	1.000	1.063	637.80	0.0069	P	11.2
3	☐	50.000	50.373	26493.69	0.2769	P	0.9
4	☐	125.000	127.828	66535.21	0.7010	P	1.5
5	☐	250.000	260.290	129632.90	1.4262	P	3.0
6	☐	500.000	500.481	255916.63	2.7414	P	0.5
7	☐	1000.000	996.815	512435.90	5.4589	P	1.8
8	☐			1541.21	0.0166	P	2.5

$$y = 0.0055 * x + 0.0011$$

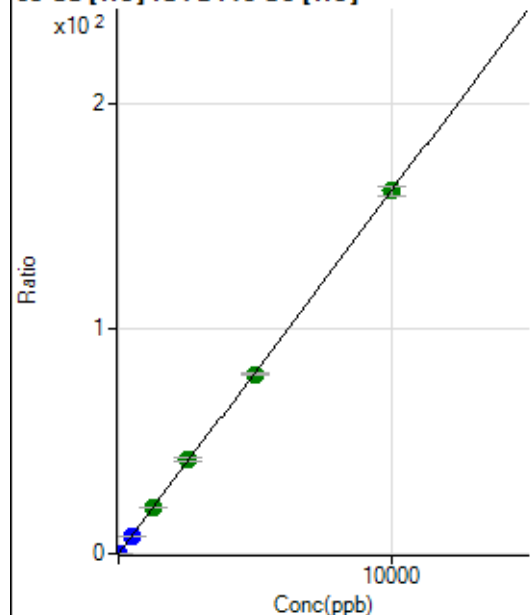
$$R = 0.9999$$

$$DL = 0.1439$$

$$BEC = 0.1952$$

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	372.23	0.0041	P	7.9
2	☐	2.000	1.846	3133.71	0.0338	P	3.7
3	☐	500.000	481.877	743929.89	7.7750	P	0.8
4	☐	1250.000	1275.782	1953043.60	20.5777	A	3.4
5	☐	2500.000	2608.934	3823795.78	42.0765	A	4.1
6	☐	5000.000	4943.634	7442235.44	79.7266	A	1.2
7	☐	10000.000	9998.633	15135402.97	161.2451	A	2.8
8	☐			6730.05	0.0727	P	12.2

$$y = 0.0161 * x + 0.0041$$

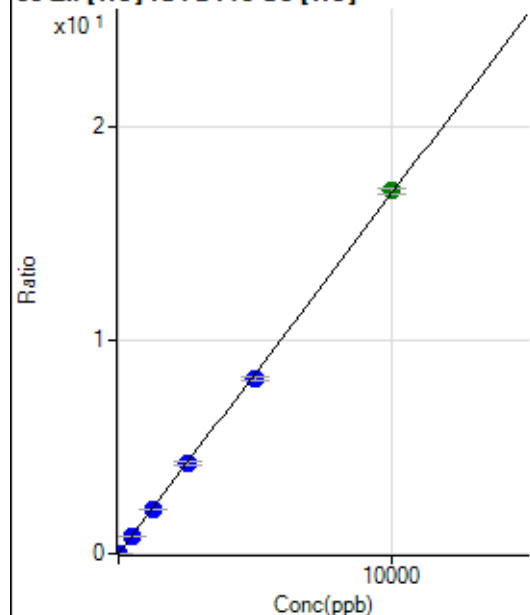
$$R = 0.9999$$

$$DL = 0.05954$$

$$BEC = 0.2523$$

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	112.23	0.0012	P	13.6
2	☐	2.000	2.103	442.24	0.0048	P	10.4
3	☐	500.000	493.444	79810.95	0.8341	P	0.6
4	☐	1250.000	1224.754	196329.89	2.0685	P	1.0
5	☐	2500.000	2503.416	384183.79	4.2267	P	3.1
6	☐	5000.000	4858.496	765558.06	8.2018	P	1.9
7	☐	10000.000	10073.381	1596163.40	17.0039	A	1.4
8	☐			3847.23	0.0415	P	0.6

$$y = 0.0017 * x + 0.0012$$

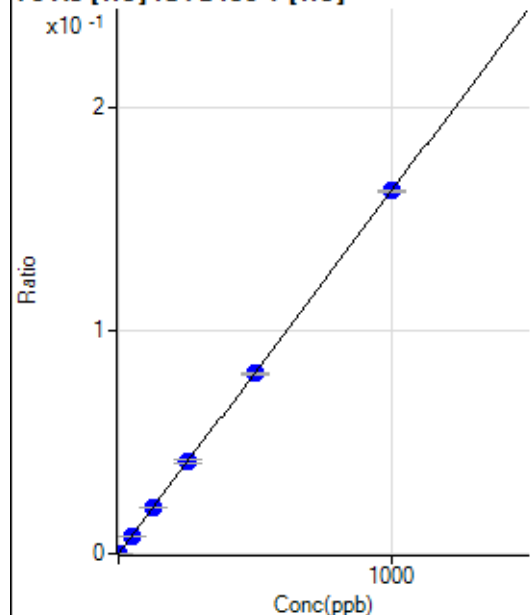
$$R = 0.9999$$

$$DL = 0.2963$$

$$BEC = 0.7269$$

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	8.33	0.0000	P	36.8
2	☐	1.000	1.010	106.01	0.0002	P	4.8
3	☐	50.000	49.715	5003.73	0.0081	P	1.2
4	☐	125.000	126.259	12487.10	0.0206	P	0.4
5	☐	250.000	254.969	24694.33	0.0415	P	2.8
6	☐	500.000	496.995	48957.54	0.0809	P	1.5
7	☐	1000.000	1000.117	98138.98	0.1629	P	0.6
8	☐			52.01	0.0001	P	5.3

$$y = 1.6284E-004 * x + 1.3928E-005$$

$$R = 1.0000$$

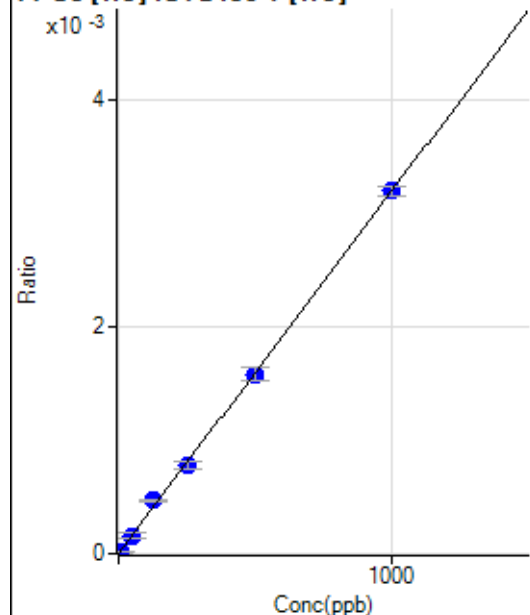
$$DL = 0.09437$$

$$BEC = 0.08553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.857	12.22	0.0000	P	32.7
3	☐	50.000	47.866	95.56	0.0002	P	31.8
4	☐	125.000	146.007	284.45	0.0005	P	6.2
5	☐	250.000	244.233	465.57	0.0008	P	8.2
6	☐	500.000	495.122	958.93	0.0016	P	6.9
7	☐	1000.000	1001.358	1930.15	0.0032	P	2.8
8	☐			2.22	0.0000	P	86.6

$$y = 3.1968\text{E-}006 * x + 1.8791\text{E-}006$$

$$R = 0.9997$$

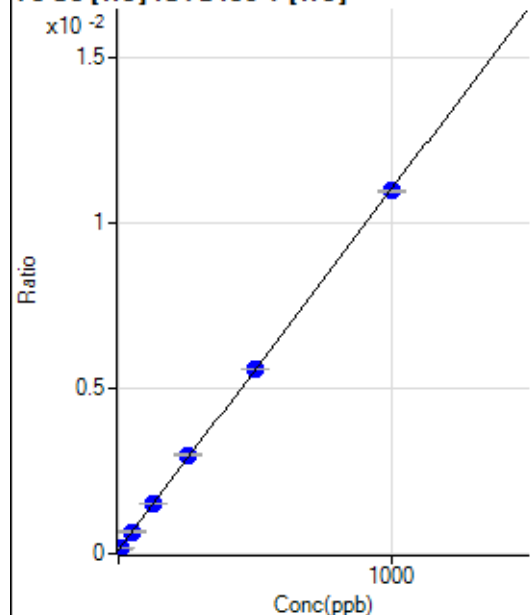
$$DL = 3.054$$

$$BEC = 0.5878$$

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	67.34	0.0001	P	6.1
2	☐	5.000	4.548	96.68	0.0002	P	14.2
3	☐	50.000	50.107	407.05	0.0007	P	7.9
4	☐	125.000	128.757	921.46	0.0015	P	2.1
5	☐	250.000	263.705	1778.63	0.0030	P	2.3
6	☐	500.000	500.604	3373.08	0.0056	P	0.1
7	☐	1000.000	995.799	6616.23	0.0110	P	0.9
8	☐			68.34	0.0001	P	4.0

$$y = 1.0914\text{E-}005 * x + 1.1297\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.904$$

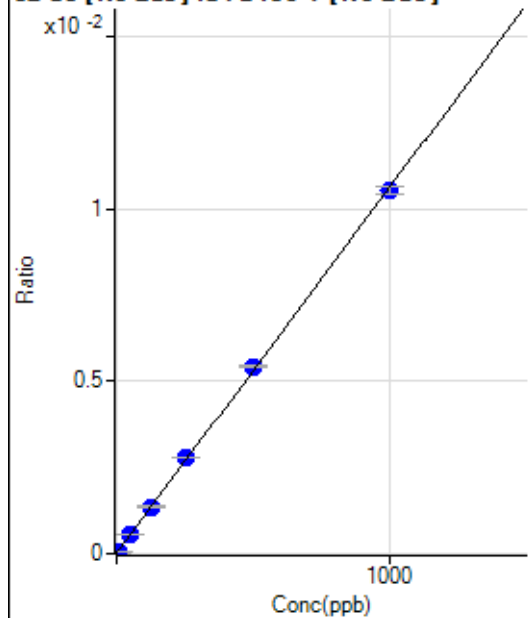
$$BEC = 10.35$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16650.64		P	1.3
2	☐			16356.64		P	3.5
3	☐			16232.92		P	3.2
4	☐			16296.39		P	5.2
5	☐			16516.86		P	3.1
6	☐			15718.40		P	2.1
7	☐			16085.95		P	3.5
8	☐			16319.65		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.44	0.0000	P	66.8
2	☐	5.000	4.914	325.57	0.0001	P	13.2
3	☐	50.000	51.495	2999.34	0.0006	P	1.5
4	☐	125.000	127.610	7386.09	0.0014	P	2.4
5	☐	250.000	262.314	14823.59	0.0028	P	1.4
6	☐	500.000	511.224	29326.69	0.0054	P	1.3
7	☐	1000.000	990.909	58324.52	0.0105	P	2.2
8	☐			22.66	0.0000	P	290.

$$y = 1.0607E-005 * x + 9.5851E-006$$

$$R = 0.9998$$

$$DL = 1.812$$

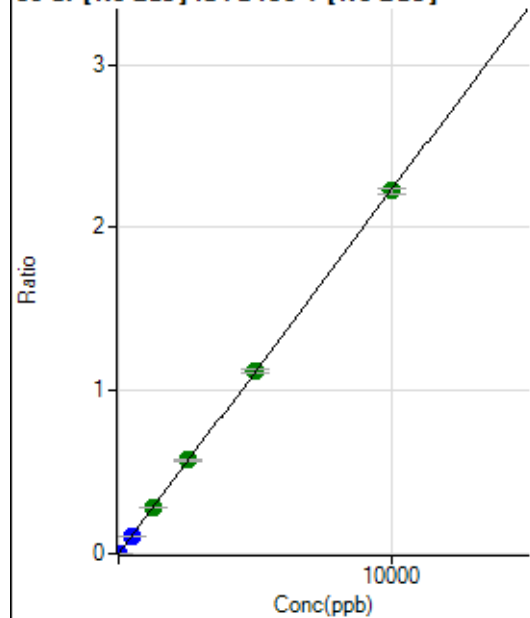
$$BEC = 0.9037$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			641.13		P	6.5
2	☐			633.36		P	5.2
3	☐			652.25		P	10.1
4	☐			696.69		P	10.8
5	☐			660.02		P	6.0
6	☐			662.24		P	5.4
7	☐			641.13		P	8.1
8	☐			787.81		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1147.30	0.0002	P	13.3
2	☐	1.000	0.785	2077.98	0.0004	P	5.8
3	☐	500.000	490.619	592042.03	0.1097	P	0.9
4	☐	1250.000	1255.448	1519228.76	0.2804	A	1.7
5	☐	2500.000	2563.676	3039133.55	0.5723	A	2.2
6	☐	5000.000	5025.210	6055346.75	1.1216	A	2.1
7	☐	10000.000	9971.264	12339433.44	2.2253	A	1.2
8	☐			9828.72	0.0020	P	13.1

$$y = 2.2315E-004 * x + 2.1883E-004$$

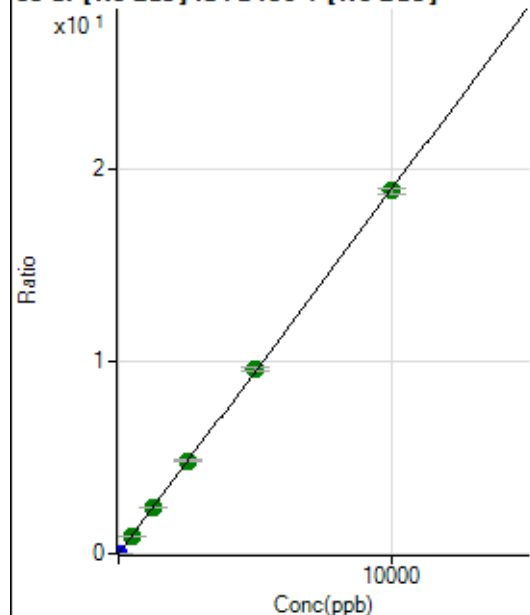
$$R = 1.0000$$

$$DL = 0.391$$

$$BEC = 0.9806$$

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	163.90	0.0000	P	45.5
2	☐	1.000	0.919	9364.49	0.0018	P	3.0
3	☐	500.000	491.892	5040666.69	0.9340	A	1.1
4	☐	1250.000	1247.024	12830025.46	2.3677	A	0.1
5	☐	2500.000	2546.772	25680260.12	4.8355	A	1.8
6	☐	5000.000	5063.945	51907109.14	9.6148	A	2.4
7	☐	10000.000	9957.112	104820666.9	18.9052	A	1.4
8	☐			75355.31	0.0153	P	15.1

$$y = 0.0019 * x + 3.1194E-005$$

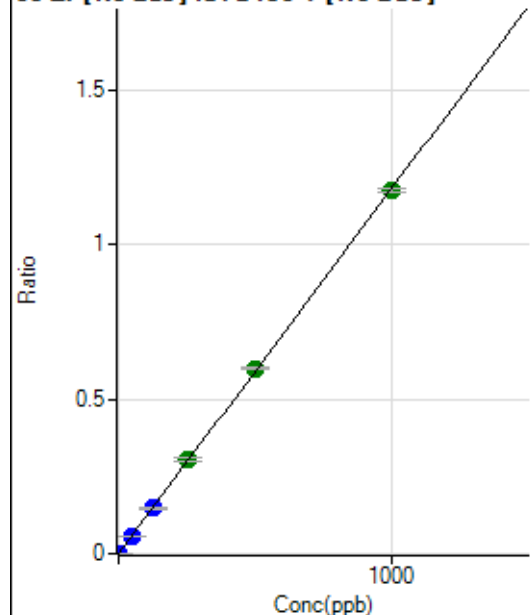
$$R = 1.0000$$

$$DL = 0.0224$$

$$BEC = 0.01643$$

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	358.35	0.0001	P	7.7
2	☐	1.000	0.870	5779.15	0.0011	P	3.5
3	☐	50.000	49.187	314026.85	0.0582	P	1.2
4	☐	125.000	123.966	794104.64	0.1465	P	0.8
5	☐	250.000	257.499	1615831.76	0.3043	A	2.7
6	☐	500.000	508.232	3242747.32	0.6006	A	0.4
7	☐	1000.000	994.179	6514044.33	1.1748	A	0.9
8	☐			3358.83	0.0007	P	22.1

$$y = 0.0012 * x + 6.8390E-005$$

$$R = 0.9999$$

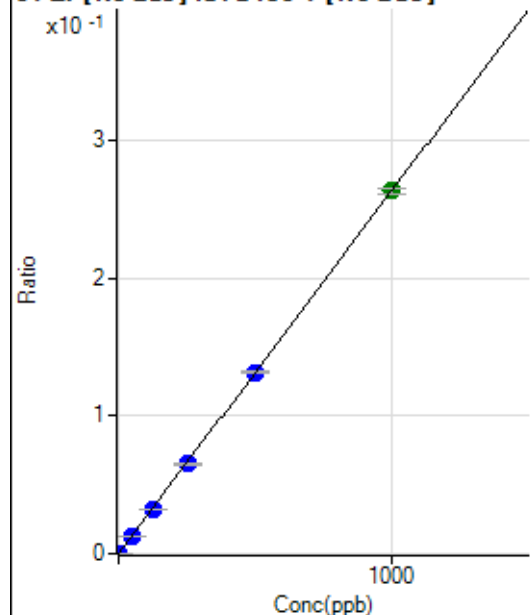
$$DL = 0.01331$$

$$BEC = 0.05788$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	25.2
2	☐	1.000	0.918	1327.88	0.0003	P	2.1
3	☐	50.000	49.651	70616.10	0.0131	P	2.5
4	☐	125.000	123.435	176201.16	0.0325	P	1.4
5	☐	250.000	248.956	348151.07	0.0656	P	2.2
6	☐	500.000	499.770	710662.88	0.1316	P	1.1
7	☐	1000.000	1000.589	1461046.93	0.2635	A	1.9
8	☐			855.60	0.0002	P	5.6

$$y = 2.6336\text{E-}004 * x + 1.0094\text{E-}005$$

$$R = 1.0000$$

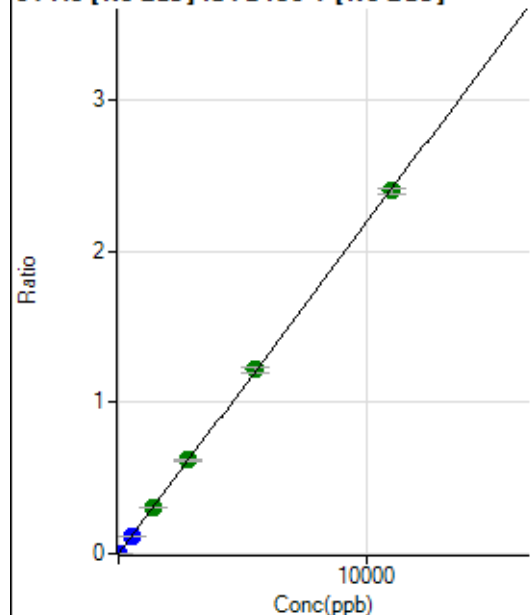
$$DL = 0.029$$

$$BEC = 0.03833$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	8.6
2	☐	5.000	5.551	6557.28	0.0012	P	2.5
3	☐	550.000	541.052	639656.94	0.1185	P	1.0
4	☐	1375.000	1394.990	1655662.71	0.3055	A	2.3
5	☐	2750.000	2826.187	3286674.14	0.6190	A	1.1
6	☐	5500.000	5563.342	6578127.45	1.2185	A	3.3
7	☐	11000.000	10947.231	13293887.62	2.3976	A	1.3
8	☐			4987.17	0.0010	P	21.6

$$y = 2.1901\text{E-}004 * x + 2.7576\text{E-}005$$

$$R = 0.9999$$

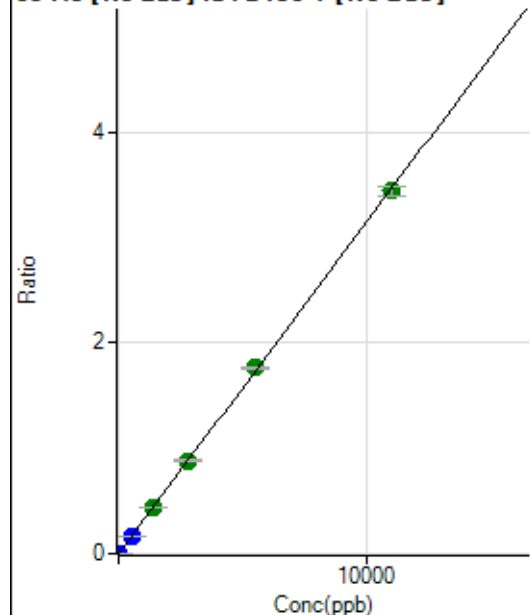
$$DL = 0.03243$$

$$BEC = 0.1259$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.0
2	☐	5.000	4.751	7921.92	0.0015	P	2.7
3	☐	550.000	542.375	920881.09	0.1706	P	0.3
4	☐	1375.000	1387.811	2365783.15	0.4366	A	1.9
5	☐	2750.000	2808.403	4690811.86	0.8835	A	1.4
6	☐	5500.000	5604.690	9518864.53	1.7631	A	1.0
7	☐	11000.000	10931.834	19064924.04	3.4389	A	3.0
8	☐			5820.91	0.0012	P	24.7

$$y = 3.1458\text{E-}004 * x + 7.4087\text{E-}006$$

$$R = 0.9999$$

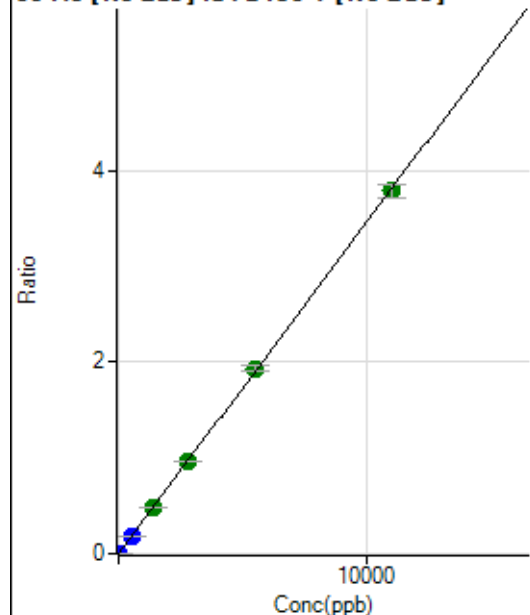
$$DL = 0.02257$$

$$BEC = 0.02355$$

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	77.78	0.0000	P	32.8
2	☐	5.000	4.649	8564.01	0.0016	P	3.0
3	☐	550.000	538.535	1006072.56	0.1864	P	0.8
4	☐	1375.000	1384.806	2597310.30	0.4793	A	1.7
5	☐	2750.000	2798.944	5144496.99	0.9688	A	0.6
6	☐	5500.000	5593.586	10450683.39	1.9360	A	3.5
7	☐	11000.000	10940.319	20993999.60	3.7866	A	3.8
8	☐			11232.78	0.0023	P	19.5

$$y = 3.4611\text{E-}004 * x + 1.4858\text{E-}005$$

$$R = 0.9999$$

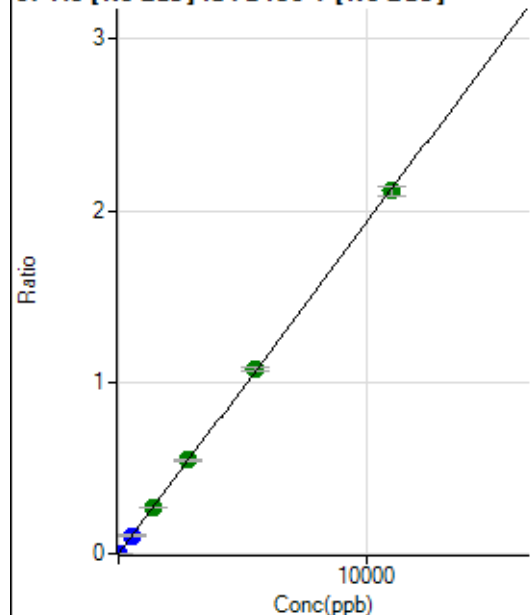
$$DL = 0.04222$$

$$BEC = 0.04293$$

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	13.89	0.0000	P	35.1
2	☐	5.000	4.939	5042.71	0.0010	P	5.9
3	☐	550.000	549.028	572220.55	0.1060	P	1.2
4	☐	1375.000	1372.929	1436690.10	0.2651	A	0.9
5	☐	2750.000	2834.247	2906024.54	0.5473	A	1.5
6	☐	5500.000	5562.917	5799415.19	1.0743	A	2.7
7	☐	11000.000	10947.787	11721141.06	2.1141	A	2.5
8	☐			3631.17	0.0007	P	32.5

$$y = 1.9311\text{E-}004 * x + 2.6552\text{E-}006$$

$$R = 0.9999$$

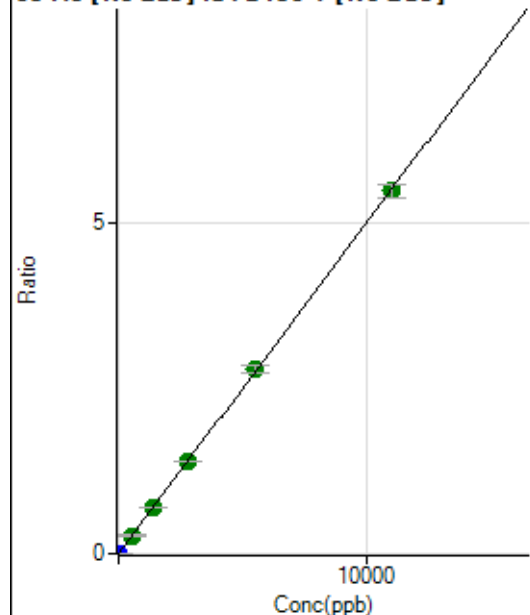
$$DL = 0.01446$$

$$BEC = 0.01375$$

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	50.00	0.0000	P	51.0
2	☐	5.000	4.804	12742.37	0.0024	P	3.8
3	☐	550.000	551.281	1490693.16	0.2762	A	0.8
4	☐	1375.000	1379.517	3744936.50	0.6911	A	1.0
5	☐	2750.000	2781.953	7400611.62	1.3937	A	0.6
6	☐	5500.000	5567.633	15057051.73	2.7892	A	3.7
7	☐	11000.000	10957.566	30430408.67	5.4893	A	3.5
8	☐			8989.48	0.0018	P	27.5

$$y = 5.0096\text{E-}004 * x + 9.5772\text{E-}006$$

$$R = 1.0000$$

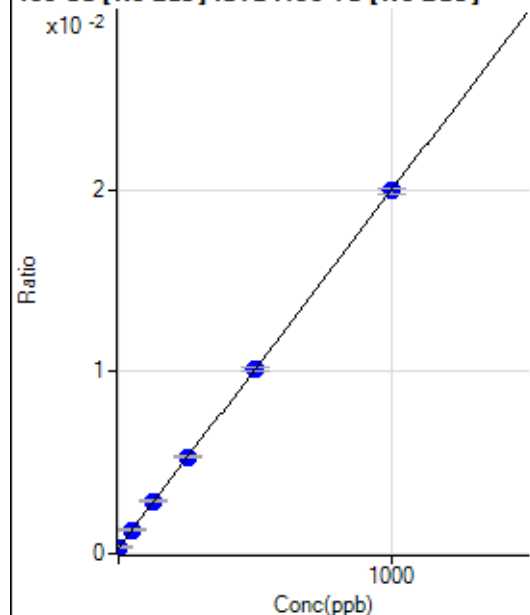
$$DL = 0.02922$$

$$BEC = 0.01912$$

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	1216.76	0.0003	P	8.4
2	☐	1.000	2.212	1394.55	0.0004	P	7.1
3	☐	50.000	50.263	5126.10	0.0013	P	5.5
4	☐	125.000	130.918	11346.62	0.0029	P	2.0
5	☐	250.000	254.794	20732.74	0.0053	P	3.5
6	☐	500.000	500.263	40415.54	0.0102	P	1.6
7	☐	1000.000	997.916	80594.92	0.0199	P	1.8
8	☐			1213.98	0.0003	P	12.6

$$y = 1.9652\text{E-}005 * x + 3.2147\text{E-}004$$

$$R = 1.0000$$

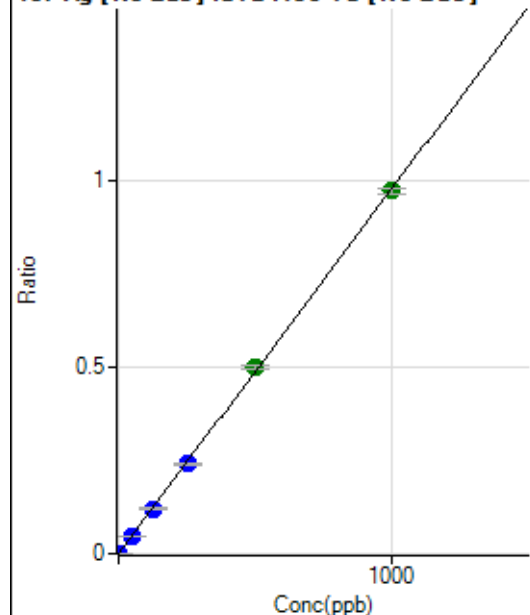
$$DL = 4.131$$

$$BEC = 16.36$$

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	30.55	0.0000	P	16.5
2	☐	1.000	0.926	3494.97	0.0009	P	5.6
3	☐	50.000	48.719	186725.08	0.0477	P	2.3
4	☐	125.000	123.382	473209.98	0.1207	P	1.6
5	☐	250.000	246.557	938528.75	0.2412	P	2.7
6	☐	500.000	511.662	1992552.58	0.5005	A	1.7
7	☐	1000.000	995.296	3936643.66	0.9736	A	1.5
8	☐			1680.71	0.0005	P	35.3

$$y = 9.7823\text{E-}004 * x + 8.0858\text{E-}006$$

$$R = 0.9999$$

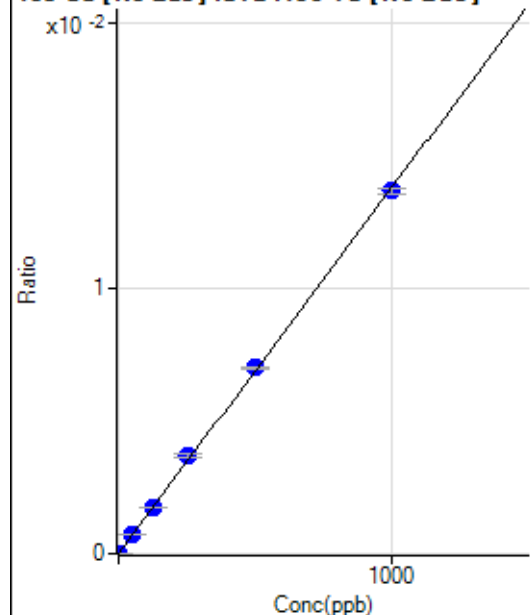
$$DL = 0.004089$$

$$BEC = 0.008266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	68.5
2	☐	1.000	1.052	69.45	0.0000	P	29.9
3	☐	50.000	52.194	2829.50	0.0007	P	5.5
4	☐	125.000	124.717	6748.95	0.0017	P	1.9
5	☐	250.000	265.937	14264.42	0.0037	P	4.0
6	☐	500.000	507.747	27851.89	0.0070	P	1.2
7	☐	1000.000	992.068	55263.47	0.0137	P	1.8
8	☐			50.00	0.0000	P	31.4

$$y = 1.3774\text{E-}005 * x + 3.6586\text{E-}006$$

$$R = 0.9998$$

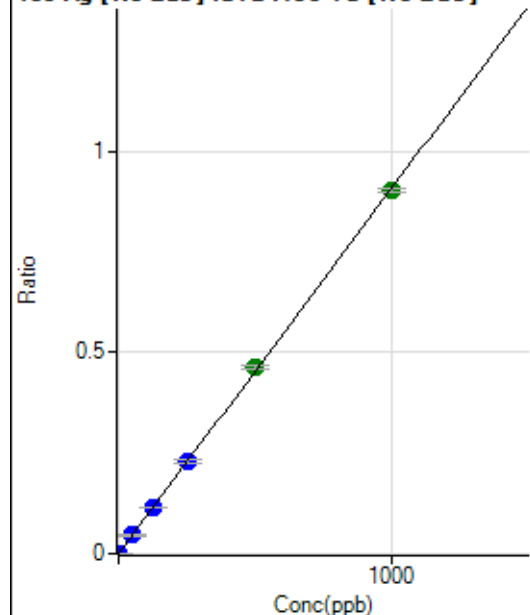
$$DL = 0.5455$$

$$BEC = 0.2656$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	34.6
2	☐	1.000	0.938	3303.26	0.0009	P	13.7
3	☐	50.000	50.208	178621.12	0.0456	P	2.3
4	☐	125.000	127.434	453716.78	0.1157	P	1.1
5	☐	250.000	254.481	898863.81	0.2311	P	4.7
6	☐	500.000	509.946	1842957.66	0.4631	A	2.1
7	☐	1000.000	993.592	3648375.25	0.9022	A	1.2
8	☐			1502.90	0.0004	P	28.8

$$y = 9.0801\text{E-}004 * x + 1.3258\text{E-}005$$

$$R = 0.9999$$

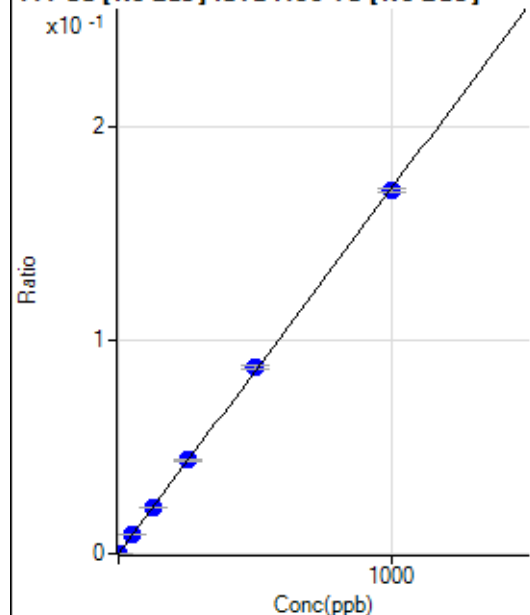
$$DL = 0.01516$$

$$BEC = 0.0146$$

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	265.58	0.0001	P	3.8
2	☐	1.000	1.043	951.16	0.0002	P	8.5
3	☐	50.000	51.459	34810.50	0.0089	P	1.8
4	☐	125.000	127.390	85850.52	0.0219	P	1.1
5	☐	250.000	256.356	171203.16	0.0440	P	2.0
6	☐	500.000	509.654	347799.83	0.0874	P	2.3
7	☐	1000.000	993.212	688388.98	0.1702	P	1.0
8	☐			425.86	0.0001	P	18.9

$$y = 1.7133\text{E-}004 * x + 7.0193\text{E-}005$$

$$R = 0.9999$$

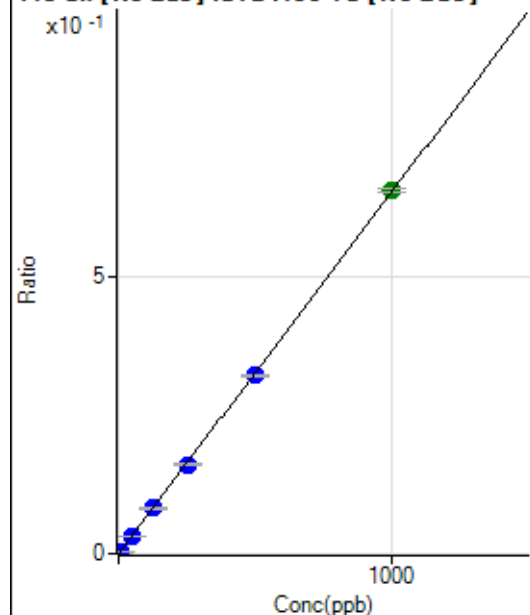
$$DL = 0.04636$$

$$BEC = 0.4097$$

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	575.03	0.0002	P	23.0
2	☐	5.000	4.802	12561.70	0.0033	P	1.5
3	☐	50.000	48.742	125229.08	0.0320	P	0.6
4	☐	125.000	124.918	320216.52	0.0817	P	2.7
5	☐	250.000	246.400	626334.29	0.1610	P	2.8
6	☐	500.000	494.204	1284635.66	0.3227	P	1.1
7	☐	1000.000	1003.872	2649728.01	0.6553	A	1.0
8	☐			1422.35	0.0004	P	22.1

$$y = 6.5263\text{E-}004 * x + 1.5228\text{E-}004$$

$$R = 1.0000$$

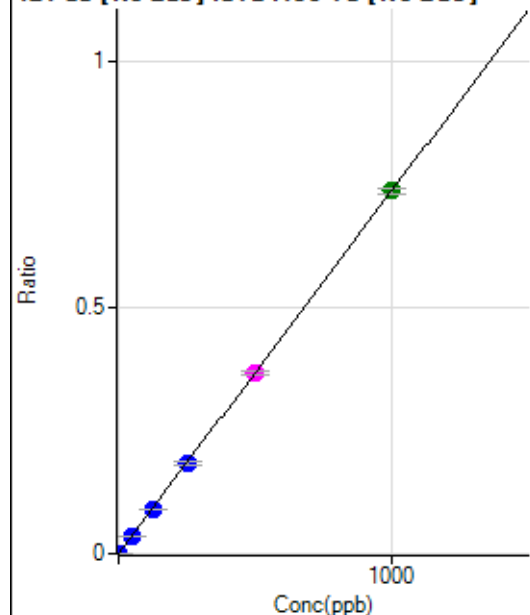
$$DL = 0.1608$$

$$BEC = 0.2333$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.2
2	☐	2.000	1.911	5404.00	0.0014	P	0.6
3	☐	50.000	49.232	142110.27	0.0363	P	1.7
4	☐	125.000	123.271	356098.00	0.0908	P	0.7
5	☐	250.000	249.213	714283.84	0.1836	P	3.8
6	☐	500.000	499.152	1463682.81	0.3677	M	1.9
7	☐	1000.000	1000.876	2981412.41	0.7374	A	1.9
8	☐			2491.96	0.0007	P	9.7

$$y = 7.3670\text{E-}004 * x + 5.8970\text{E-}006$$

$$R = 1.0000$$

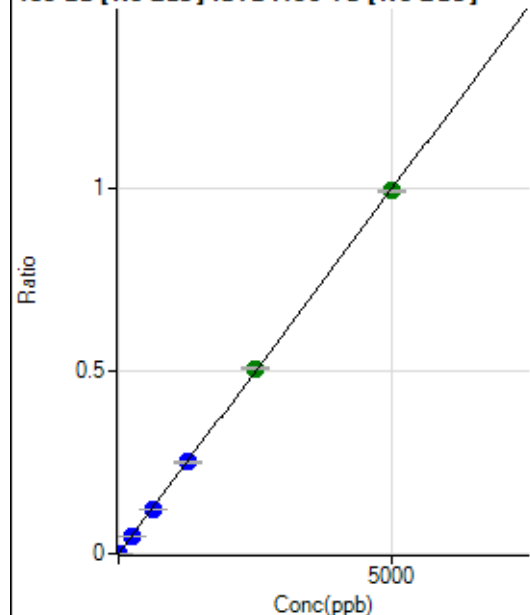
$$DL = 0.01397$$

$$BEC = 0.008005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	36.6
2	☐	10.000	8.813	6757.45	0.0018	P	1.1
3	☐	250.000	243.218	190059.42	0.0485	P	3.5
4	☐	625.000	615.988	481825.02	0.1229	P	0.8
5	☐	1250.000	1254.131	973571.49	0.2502	P	2.7
6	☐	2500.000	2543.013	2019348.65	0.5073	A	1.2
7	☐	5000.000	4978.929	4016319.97	0.9933	A	0.8
8	☐			1677.94	0.0005	P	17.3

$$y = 1.9949\text{E-}004 * x + 9.5766\text{E-}006$$

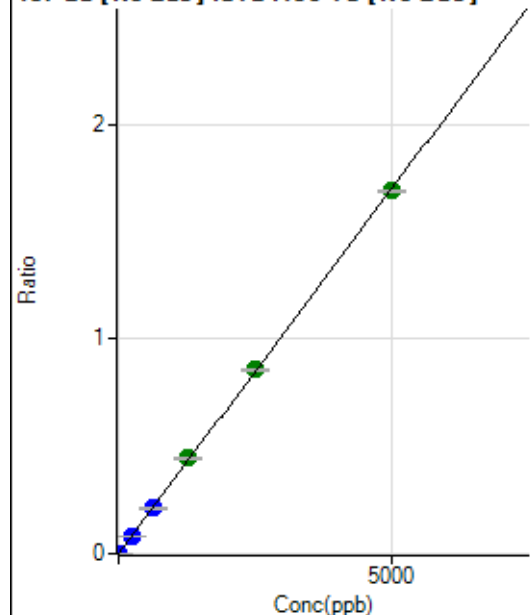
$$R = 0.9999$$

$$DL = 0.05277$$

$$BEC = 0.048$$

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	19.44	0.0000	P	66.8
2	☐	10.000	9.188	11947.26	0.0031	P	4.9
3	☐	250.000	246.915	328574.69	0.0839	P	1.4
4	☐	625.000	619.789	825163.13	0.2105	P	3.0
5	☐	1250.000	1307.888	1728568.62	0.4442	A	2.1
6	☐	2500.000	2522.350	3409576.85	0.8566	A	1.6
7	☐	5000.000	4975.161	6832448.68	1.6896	A	0.5
8	☐			2761.48	0.0007	P	25.8

$$y = 3.3961E-004 * x + 5.1695E-006$$

$$R = 0.9999$$

$$DL = 0.0305$$

$$BEC = 0.01522$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	65.5
2	☐			6.67		P	100.
3	☐			8.89		P	43.3
4	☐			53.33		P	33.1
5	☐			102.22		P	22.9
6	☐			120.00		P	30.9
7	☐			211.12		P	15.9
8	☐			26.67		P	25.0

150 Nd [He] No available calibration points

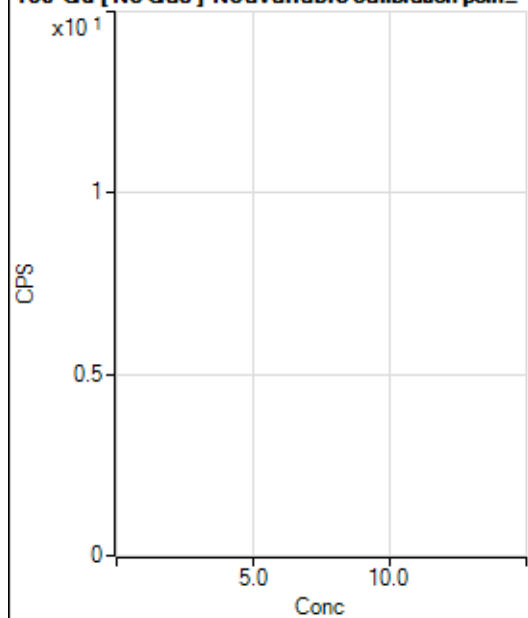
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			3.33		P	173.
4	☐			4.44		P	43.4
5	☐			7.78		P	24.7
6	☐			15.56		P	65.5
7	☐			20.00		P	33.4
8	☐			11.11		P	45.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			13.89		P	69.3
3	☐			30.56		P	41.7
4	☐			25.00		P	33.3
5	☐			75.00		P	11.1
6	☐			69.45		P	50.0
7	☐			175.01		P	8.2
8	☐			525.03		P	21.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			4.44		P	114.
4	☐			8.89		P	78.1
5	☐			24.44		P	51.6
6	☐			26.67		P	43.3
7	☐			73.33		P	7.9
8	☐			264.45		P	26.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	47.2
2	☐			41.67		P	72.1
3	☐			50.00		P	44.1
4	☐			38.89		P	24.7
5	☐			47.22		P	10.2
6	☐			91.67		P	41.7
7	☐			194.45		P	13.8
8	☐			547.25		P	15.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.66		P	43.3
2	☐			23.33		P	14.3
3	☐			28.89		P	24.0
4	☐			24.44		P	31.5
5	☐			38.89		P	9.9
6	☐			63.33		P	10.5
7	☐			111.11		P	14.2
8	☐			317.78		P	5.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐			47.23		P	20.4
3	☐			38.89		P	12.4
4	☐			41.67		P	20.0
5	☐			25.00		P	66.7
6	☐			52.78		P	32.9
7	☐			91.67		P	39.6
8	☐			86.12		P	5.6

164 Er [He] No available calibration points

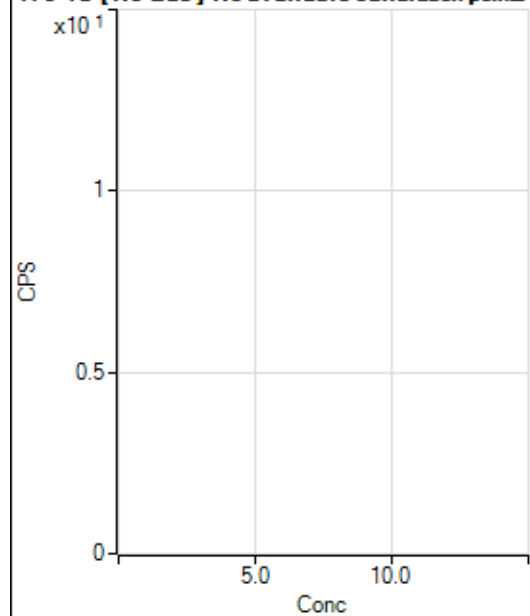
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	58.1
2	☐			13.33		P	66.2
3	☐			12.22		P	31.5
4	☐			12.22		P	68.7
5	☐			15.55		P	24.8
6	☐			28.89		P	13.3
7	☐			42.22		P	12.1
8	☐			47.78		P	14.5

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.
2	☐			30.56		P	41.7
3	☐			27.78		P	34.6
4	☐			19.45		P	24.7
5	☐			11.11		P	43.3
6	☐			44.45		P	47.2
7	☐			30.55		P	15.7
8	☐			41.67		P	72.1

172 Yb [He] No available calibration points

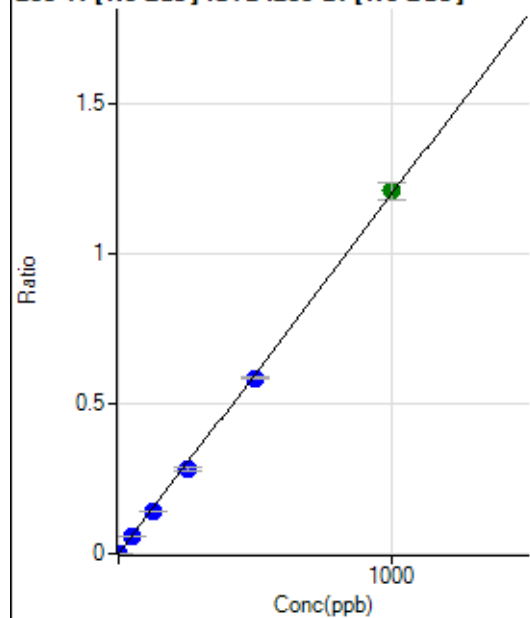
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.71		P	86.6
2	☐			5.56		P	NaN
3	☐			5.56		P	100.
4	☐			5.56		P	NaN
5	☐			9.26		P	69.2
6	☐			18.52		P	45.8
7	☐			27.78		P	20.0
8	☐			25.93		P	44.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			416.69		P	31.4
2	☐			386.13		P	20.1
3	☐			850.06		P	6.4
4	☐			1700.15		P	4.0
5	☐			2978.21		P	9.1
6	☐			5848.69		P	3.0
7	☐			11380.23		P	1.8
8	☐			386.13		P	3.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1939.07		P	5.8
2	☐			1772.38		P	10.5
3	☐			2176.15		P	4.4
4	☐			2450.28		P	4.9
5	☐			3306.03		P	8.0
6	☐			4600.88		P	1.6
7	☐			7365.18		P	1.9
8	☐			2087.25		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0001	P	15.7
2	☐	1.000	0.840	2255.82	0.0011	P	12.4
3	☐	50.000	47.907	120226.41	0.0575	P	2.4
4	☐	125.000	118.388	300997.37	0.1420	P	0.9
5	☐	250.000	236.942	605683.28	0.2841	P	4.3
6	☐	500.000	489.518	1240984.74	0.5868	P	1.4
7	☐	1000.000	1009.437	2595767.70	1.2099	A	4.6
8	☐			938.95	0.0005	P	13.6

$$y = 0.0012 * x + 8.9711E-005$$

$$R = 0.9998$$

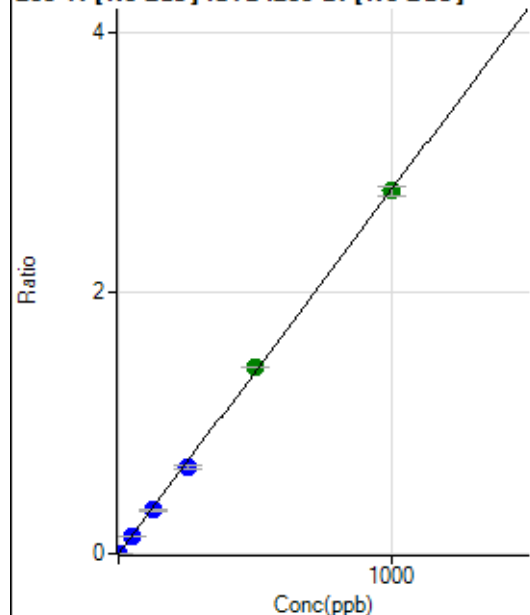
$$DL = 0.03531$$

$$BEC = 0.07485$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	397.24	0.0002	P	15.3
2	☐	1.000	0.929	5720.86	0.0028	P	3.8
3	☐	50.000	48.743	284786.23	0.1362	P	2.4
4	☐	125.000	119.267	706043.16	0.3331	P	1.7
5	☐	250.000	239.840	1427755.59	0.6696	P	4.2
6	☐	500.000	512.338	3025245.21	1.4302	A	0.4
7	☐	1000.000	997.151	5972825.78	2.7833	A	2.9
8	☐			2103.01	0.0011	P	25.1

$$y = 0.0028 * x + 1.8916E-004$$

$$R = 0.9998$$

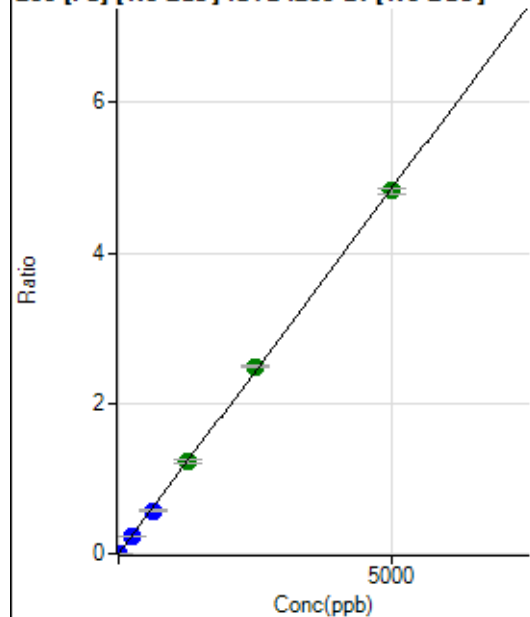
$$DL = 0.03111$$

$$BEC = 0.06777$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	307.42	0.0001	P	6.8
2	☐	1.000	0.915	2128.00	0.0010	P	3.0
3	☐	250.000	237.691	482743.18	0.2309	P	2.2
4	☐	625.000	586.151	1206449.91	0.5692	P	2.7
5	☐	1250.000	1256.995	2603005.50	1.2205	A	3.6
6	☐	2500.000	2564.168	5265673.09	2.4895	A	0.9
7	☐	5000.000	4971.639	10360557.52	4.8268	A	1.6
8	☐			6081.18	0.0033	P	14.8

$$y = 9.7083E-004 * x + 1.4599E-004$$

$$R = 0.9998$$

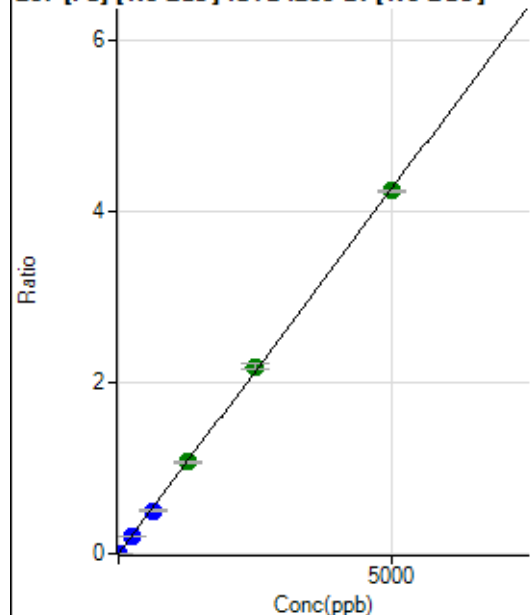
$$DL = 0.03052$$

$$BEC = 0.1504$$

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	233.34	0.0001	P	17.5
2	☐	1.000	0.885	1777.93	0.0009	P	5.2
3	☐	250.000	236.337	420819.33	0.2013	P	3.6
4	☐	625.000	591.117	1066993.55	0.5034	P	3.1
5	☐	1250.000	1252.594	2275032.41	1.0667	A	3.0
6	☐	2500.000	2560.513	4610598.19	2.1803	A	3.2
7	☐	5000.000	4974.014	9090994.76	4.2353	A	0.6
8	☐			5227.09	0.0028	P	17.5

$$y = 8.5147\text{E-}004 * x + 1.1079\text{E-}004$$

$$R = 0.9999$$

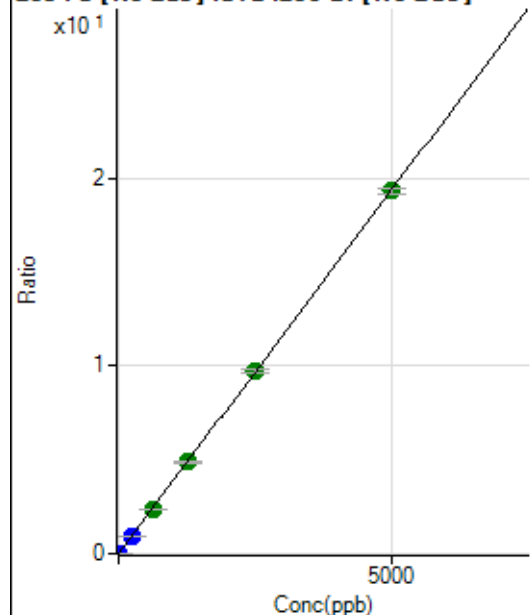
$$DL = 0.06832$$

$$BEC = 0.1301$$

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	1227.83	0.0006	P	7.1
2	☐	1.000	0.873	8162.27	0.0040	P	1.5
3	☐	250.000	236.609	1918117.89	0.9175	P	2.1
4	☐	625.000	614.271	5047332.47	2.3811	A	2.0
5	☐	1250.000	1260.813	10424265.58	4.8868	A	2.4
6	☐	2500.000	2519.901	20653659.14	9.7663	A	2.4
7	☐	5000.000	4989.357	41500117.13	19.3364	A	1.4
8	☐			23909.14	0.0130	P	16.1

$$y = 0.0039 * x + 5.8327\text{E-}004$$

$$R = 1.0000$$

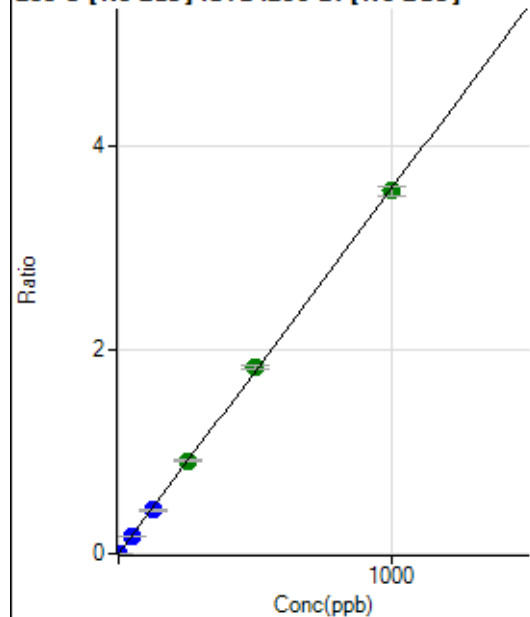
$$DL = 0.0319$$

$$BEC = 0.1505$$

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	16.67	0.0000	P	86.6
2	☐	1.000	0.894	6610.23	0.0032	P	4.0
3	☐	50.000	47.947	359413.32	0.1719	P	0.5
4	☐	125.000	119.371	907088.27	0.4279	P	1.7
5	☐	250.000	255.214	1951489.28	0.9149	A	2.3
6	☐	500.000	510.865	3872927.34	1.8313	A	2.3
7	☐	1000.000	994.071	7646775.69	3.5634	A	2.9
8	☐			1575.15	0.0009	P	31.5

$$y = 0.0036 * x + 7.9753E-006$$

$$R = 0.9999$$

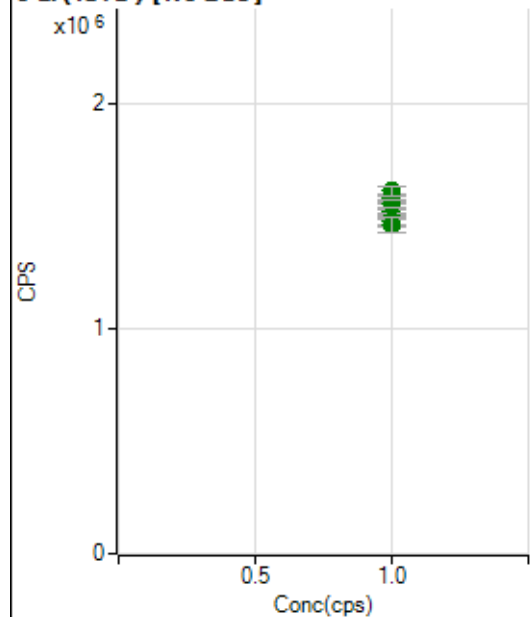
$$DL = 0.005782$$

$$BEC = 0.002225$$

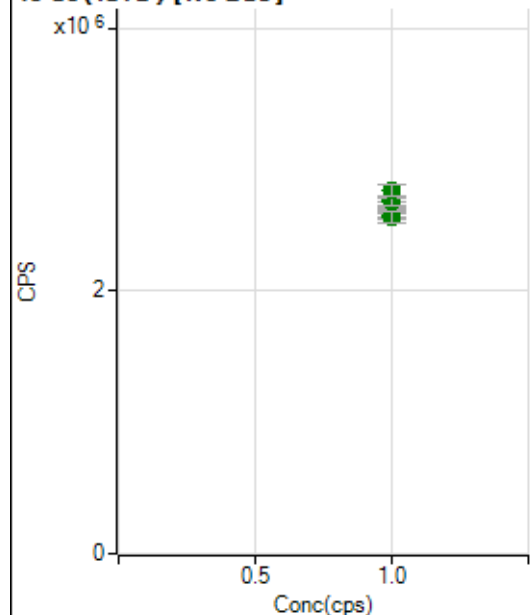
Weight: <None>

Min Conc: 0

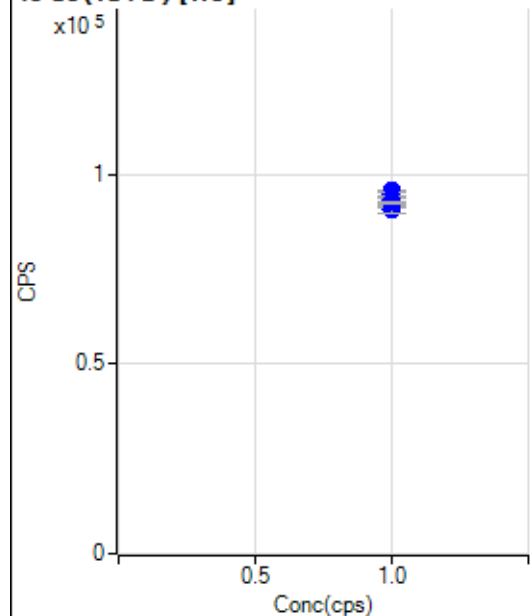
6 Li (ISTD) [No Gas]



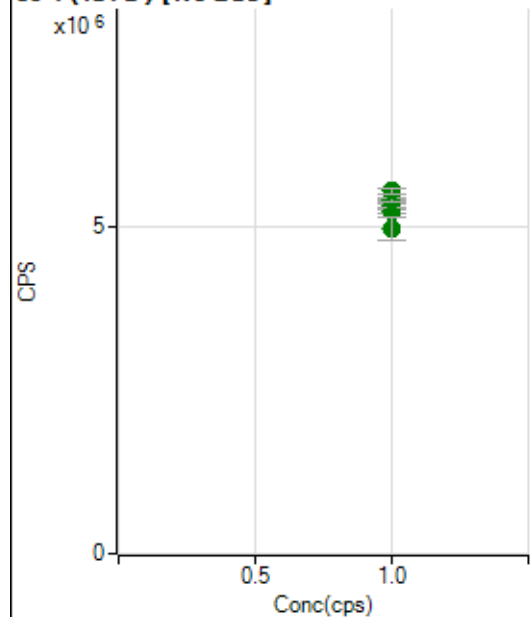
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1514676.80		A	1.8
2	☐	1.000		1480993.85		A	3.7
3	☐	1.000		1473210.79		A	1.8
4	☐	1.000		1559954.52		A	0.6
5	☐	1.000		1549743.63		A	1.7
6	☐	1.000		1580073.48		A	1.5
7	☐	1.000		1609774.25		A	2.7
8	☐	1.000		1459661.19		A	4.3

45 Sc (ISTD) [No Gas]

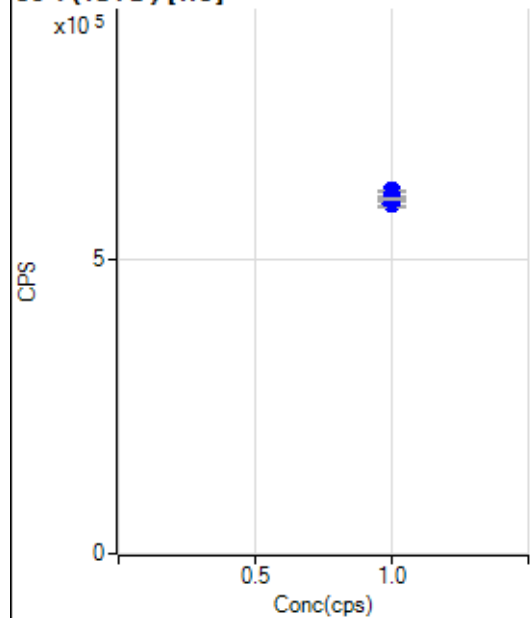
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2595612.15		A	3.1
2	☐	1.000		2569690.07		A	2.1
3	☐	1.000		2629641.66		A	0.6
4	☐	1.000		2696091.35		A	1.3
5	☐	1.000		2623747.10		A	0.6
6	☐	1.000		2678838.00		A	2.0
7	☐	1.000		2761357.41		A	3.2
8	☐	1.000		2563341.70		A	3.2

45 Sc (ISTD) [He]

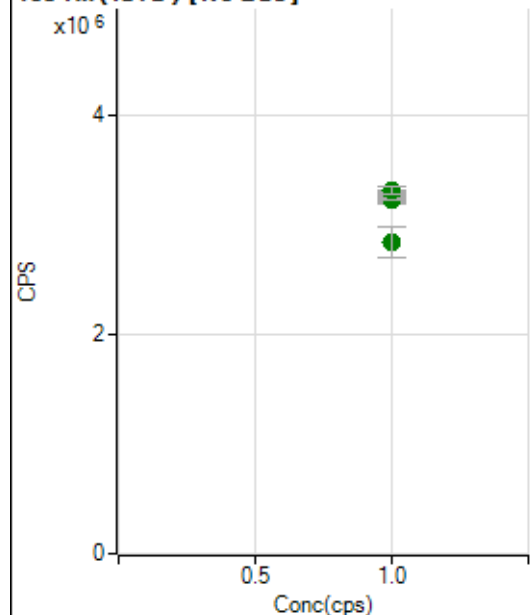
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		91489.70		P	0.2
2	☐	1.000		92607.96		P	0.5
3	☐	1.000		95684.47		P	0.6
4	☐	1.000		94917.96		P	0.8
5	☐	1.000		90927.14		P	2.0
6	☐	1.000		93350.07		P	1.2
7	☐	1.000		93874.65		P	0.5
8	☐	1.000		92650.13		P	0.8

89 Y (ISTD) [No Gas]

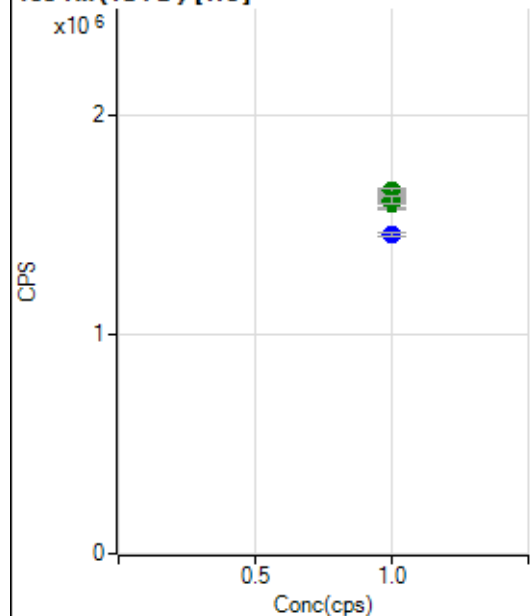
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5237941.45		A	1.1
2	☐	1.000		5273938.50		A	0.7
3	☐	1.000		5397230.89		A	1.2
4	☐	1.000		5418759.99		A	0.3
5	☐	1.000		5310160.30		A	1.2
6	☐	1.000		5399215.44		A	1.0
7	☐	1.000		5545188.18		A	1.3
8	☐	1.000		4969421.98		A	7.2

89 Y (ISTD) [He]

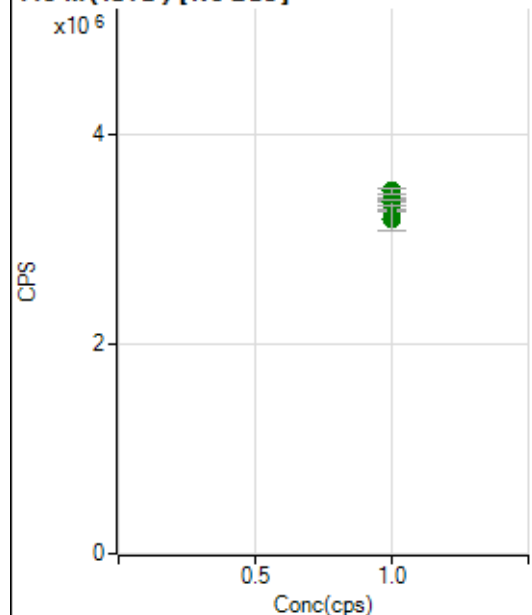
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		595922.76		P	1.6
2	☐	1.000		594741.06		P	1.4
3	☐	1.000		616993.26		P	0.7
4	☐	1.000		606936.06		P	0.9
5	☐	1.000		594794.17		P	2.1
6	☐	1.000		604892.46		P	1.1
7	☐	1.000		602565.38		P	1.1
8	☐	1.000		603785.10		P	0.9

103 Rh (ISTD) [No Gas]

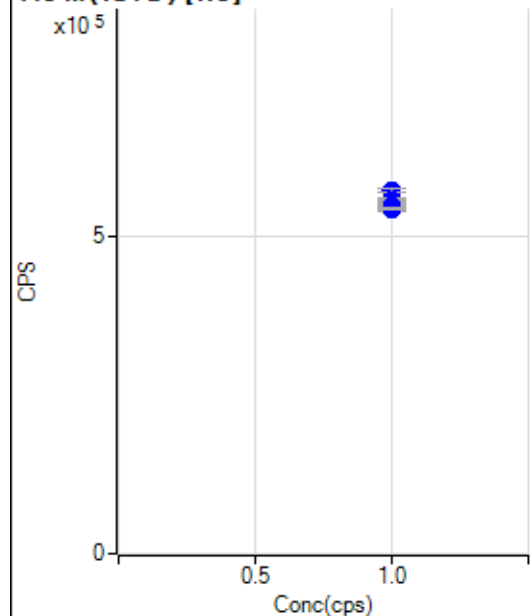
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3229277.87		A	2.2
2	☐	1.000		3276962.29		A	0.4
3	☐	1.000		3290723.32		A	1.7
4	☐	1.000		3278177.52		A	2.1
5	☐	1.000		3241926.40		A	1.6
6	☐	1.000		3240842.41		A	0.3
7	☐	1.000		3317070.17		A	2.0
8	☐	1.000		2850677.28		A	10.0

103 Rh (ISTD) [He]

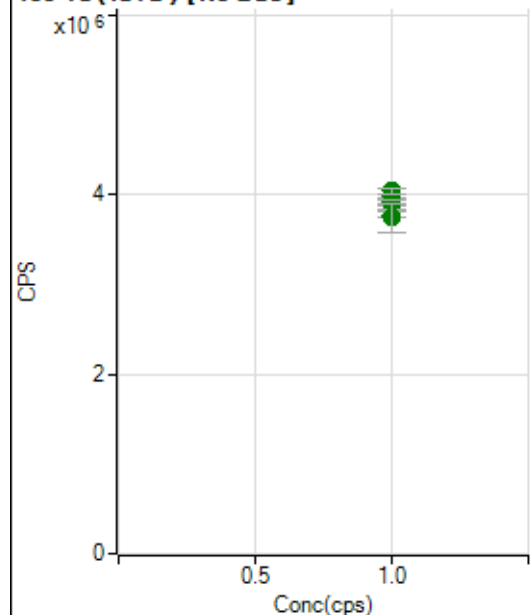
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1620383.33		A	0.4
2	☐	1.000		1612410.93		A	0.7
3	☐	1.000		1652782.81		A	0.6
4	☐	1.000		1654381.59		A	1.8
5	☐	1.000		1593142.44		A	2.6
6	☐	1.000		1603878.01		A	2.9
7	☐	1.000		1613213.57		A	1.9
8	☐	1.000		1455118.11		P	1.0

115 In (ISTD) [No Gas]

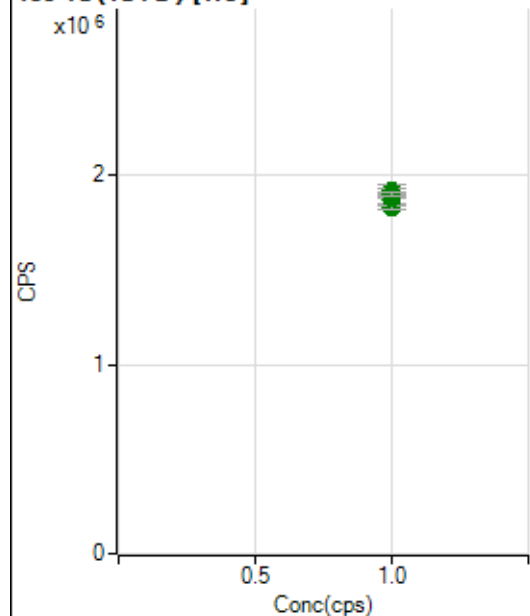
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3266369.64		A	0.4
2	☐	1.000		3352184.40		A	1.7
3	☐	1.000		3371072.91		A	1.0
4	☐	1.000		3370755.24		A	3.2
5	☐	1.000		3344372.39		A	1.7
6	☐	1.000		3429610.41		A	3.1
7	☐	1.000		3455546.63		A	1.3
8	☐	1.000		3195522.90		A	7.0

115 In (ISTD) [He]

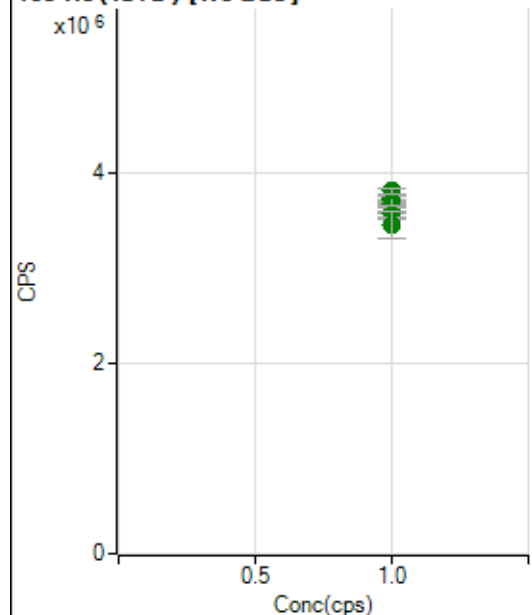
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		556531.27		P	0.3
2	☐	1.000		554645.58		P	0.3
3	☐	1.000		570992.80		P	1.0
4	☐	1.000		558206.34		P	0.9
5	☐	1.000		547471.11		P	1.1
6	☐	1.000		546923.57		P	0.4
7	☐	1.000		540441.71		P	0.8
8	☐	1.000		543478.93		P	0.6

159 Tb (ISTD) [No Gas]

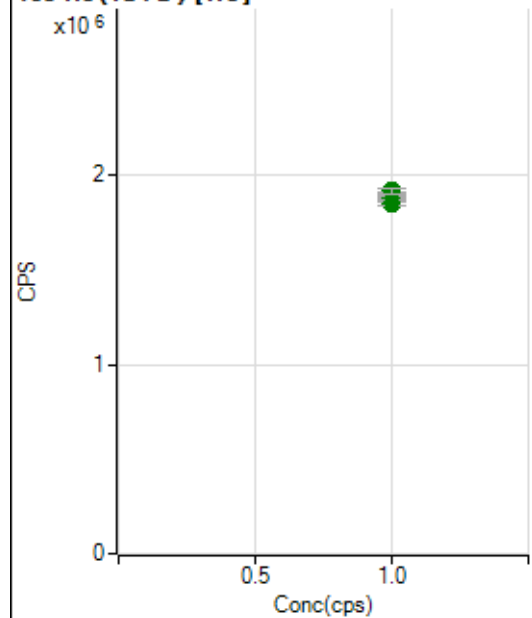
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3782251.23		A	1.4
2	☐	1.000		3822698.73		A	0.7
3	☐	1.000		3918002.93		A	1.9
4	☐	1.000		3920783.28		A	0.8
5	☐	1.000		3893004.39		A	2.8
6	☐	1.000		3980831.99		A	1.6
7	☐	1.000		4043775.77		A	1.3
8	☐	1.000		3744154.91		A	8.4

159 Tb (ISTD) [He]

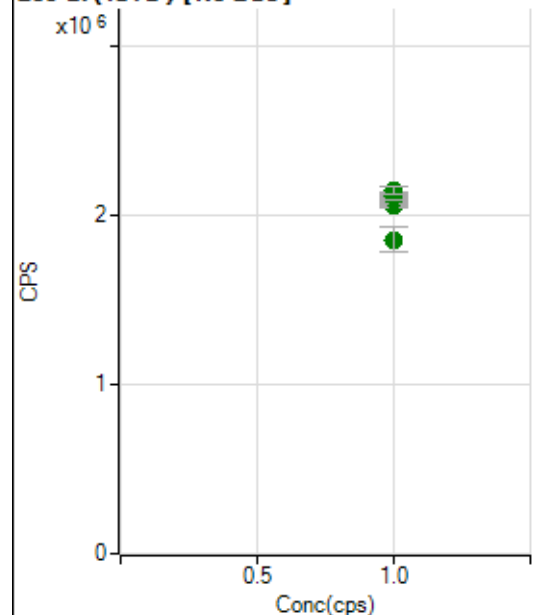
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1866951.29		A	1.2
2	☐	1.000		1831607.91		A	0.7
3	☐	1.000		1919117.85		A	3.1
4	☐	1.000		1883588.25		A	0.7
5	☐	1.000		1916452.99		A	1.6
6	☐	1.000		1898135.88		A	0.5
7	☐	1.000		1902897.09		A	0.2
8	☐	1.000		1903044.76		A	1.4

165 Ho (ISTD) [No Gas]

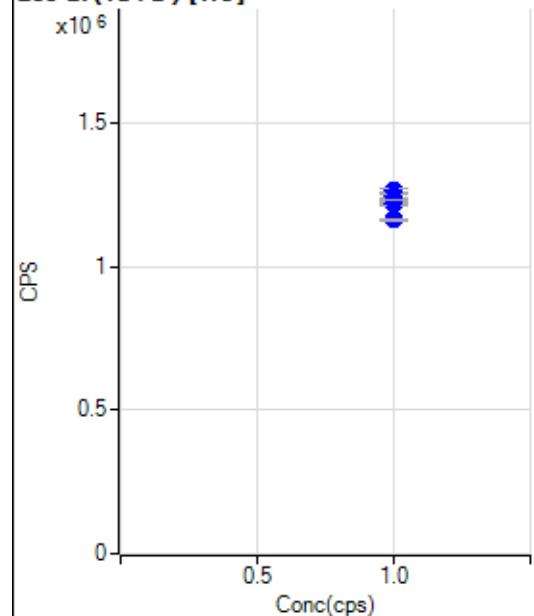
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3540448.00		A	1.4
2	☐	1.000		3564233.37		A	1.9
3	☐	1.000		3632135.11		A	2.0
4	☐	1.000		3728211.54		A	1.3
5	☐	1.000		3664843.88		A	1.7
6	☐	1.000		3712276.21		A	2.7
7	☐	1.000		3807948.65		A	1.4
8	☐	1.000		3447120.91		A	8.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1879063.77		A	0.7
2	☐	1.000		1856349.85		A	1.2
3	☐	1.000		1909827.39		A	2.7
4	☐	1.000		1887782.91		A	1.2
5	☐	1.000		1869550.49		A	0.8
6	☐	1.000		1883436.12		A	1.4
7	☐	1.000		1905068.98		A	1.2
8	☐	1.000		1920263.11		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2103925.21		A	1.9
2	☐	1.000		2057329.28		A	0.5
3	☐	1.000		2091095.40		A	2.1
4	☐	1.000		2120186.12		A	1.7
5	☐	1.000		2134148.48		A	3.3
6	☐	1.000		2115270.35		A	1.9
7	☐	1.000		2146643.41		A	2.2
8	☐	1.000		1860188.31		A	7.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1235307.13		P	0.6
2	☐	1.000		1217847.28		P	0.4
3	☐	1.000		1264175.06		P	0.9
4	☐	1.000		1244998.99		P	1.5
5	☐	1.000		1218673.27		P	1.0
6	☐	1.000		1234435.28		P	0.4
7	☐	1.000		1232290.35		P	0.3
8	☐	1.000		1163776.80		P	0.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8012822MS.b
Acq. Date-Time 2022-01-28 13:27:32
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		3856	38559.56			0.627	5.000
24		36814	368135.70			1.282	5.000
25		4830	48297.29			1.043	5.000
26		5679	56790.03			2.183	5.000
59		8873	88731.27			1.066	5.000
113		3651	36512.47			0.943	5.000
115		14701	147012.65			0.746	5.000
206		4702	47022.95			1.690	5.000
207		3911	39109.97			1.577	5.000
208		9543	95426.53			1.444	5.000
220		2	15.50			5.101	

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

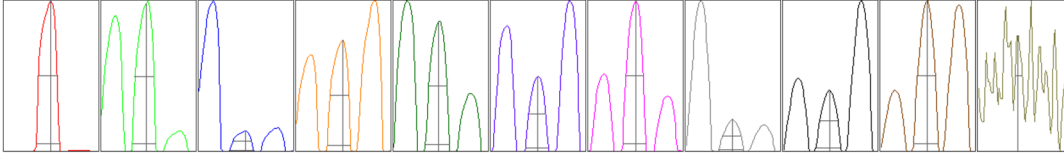
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3847	3819	3864	3868	3882
24	37560	36385	36473	36696	36954
25	4905	4792	4812	4784	4855
26	5867	5560	5639	5593	5735
59	8845	8802	8905	8791	9022
113	3662	3595	3660	3651	3688
115	14667	14659	14881	14711	14588
206	4654	4613	4759	4677	4808
207	3880	3844	3912	3909	4010
208	9444	9407	9524	9582	9757

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6993.60	9.00	8.90 - 9.10	
24	64882.79	23.95	23.90 - 24.10	
25	8697.90	25.00	24.90 - 25.10	
26	10074.88	26.00	25.90 - 26.10	
59	16353.48	58.95	58.90 - 59.10	
113	7250.55	113.00	112.90 - 113.10	
115	28667.72	115.05	114.90 - 115.10	
206	8749.30	206.00	205.90 - 206.10	
207	7217.78	207.00	206.90 - 207.10	
208	17973.48	208.00	207.90 - 208.10	
220	1.85	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.736	0.900	
24	0.61	0.739	0.900	
25	0.60	0.739	0.900	
26	0.61	0.739	0.900	
59	0.57	0.771	0.900	
113	0.53	0.723	0.900	
115	0.53	0.732	0.900	
206	0.56	0.782	0.900	
207	0.57	0.793	0.900	
208	0.56	0.783	0.900	
220	0.21			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	15.0 V
Extract 2	-225.0 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	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.9 mm
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EM

Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2214	22139.61			1.014	
89		7778	77784.89			1.509	
205		14233	142325.79			1.132	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2232	2196	2203	2244	2196
89	7905	7788	7707	7871	7620
205	14357	14225	14093	14429	14058

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-225.0 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	122	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.9 mm		
EM					
Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.16	-0.02	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.02	0.04	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.19	-0.18	-0.01	0.00	N/A	ppb
Boron	11-1	-0.05	0.04	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.13	1.31	-1.44	0.00	N/A	ppb
Cadmium	108-1	-0.11	0.21	-0.10	0.00	N/A	ppb
Calcium	43-1	-0.60	-1.05	1.66	0.00	N/A	ppb
Calcium	44-1	-3.80	-1.33	5.13	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.80	-0.98	0.18	0.00	N/A	ppb
Iron	56-2	-0.40	0.07	0.33	0.00	N/A	ppb
Iron	57-2	-0.63	-0.39	1.02	0.00	N/A	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.21	-0.25	0.00	N/A	ppb
Manganese	55-2	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	-0.06	0.00	N/A	ppb
Phosphorus	31-2	-8.82	24.40	-36.79	-7.07		ppb
Potassium	39-2	8.09	-3.82	-4.27	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.23	0.46	-0.68	0.00	N/A	ppb
Selenium	77-2	1.18	-0.59	-0.59	0.00	N/A	ppb
Selenium	78-2	-0.73	0.37	0.36	0.00	N/A	ppb
Silicon	28-1	-0.64	0.20	0.44	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	0.01	0.00	N/A	ppb
Sodium	23-2	-4.68	2.63	2.04	0.00	N/A	ppb
Strontium	86-1	0.07	0.08	-0.15	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-531.50	-257.17	276.08	-170.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	-0.06	0.00	0.05	0.00	N/A	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.07	0.05	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	0.09	-0.10	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	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 :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.10	17.71	18.73	17.51	7.58	ppb
Antimony	121-1	1.92	1.91	1.90	1.91	0.58	ppb
Arsenic	75-2	1.05	0.95	1.02	1.01	5.16	ppb
Barium	135-1	8.72	8.81	8.91	8.81	1.08	ppb
Barium	137-1	8.68	9.35	9.54	9.19	4.94	ppb
Beryllium	9-1	0.90	1.06	1.01	0.99	7.90	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	9.55	11.20	12.66	11.14	13.95	ppb
Boron	11-1	9.88	11.11	11.82	10.94	8.99	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.92	1.17	1.04	11.78	ppb
Cadmium	106-1	1.92	1.05	3.66	2.21	59.99	ppb
Cadmium	108-1	1.47	0.99	0.69	1.05	37.47	ppb
Calcium	43-1	444.70	426.58	451.42	440.90	2.91	ppb
Calcium	44-1	445.62	423.07	447.32	438.67	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.89	1.88	1.89	0.43	ppb
Cobalt	59-2	0.92	0.97	0.91	0.93	3.73	ppb
Copper	63-2	1.91	1.76	1.86	1.85	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	49.95	48.08	44.62	47.55	5.68	ppb
Iron	56-2	45.60	46.76	46.10	46.15	1.26	ppb
Iron	57-2	49.76	47.90	48.81	48.82	1.90	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.91	0.95	0.92	3.54	ppb
Lead	207-1	0.90	0.83	0.92	0.89	5.93	ppb
Lead	208-1	0.88	0.86	0.89	0.87	1.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	486.17	481.02	472.02	479.74	1.49	ppb
Manganese	55-2	0.93	1.08	0.88	0.96	10.64	ppb
Molybdenum	94-1	5.39	5.66	5.60	5.55	2.57	ppb
Molybdenum	95-1	4.62	4.88	4.75	4.75	2.67	ppb
Molybdenum	96-1	4.57	4.57	4.81	4.65	2.99	ppb
Molybdenum	97-1	4.80	4.74	5.27	4.94	5.92	ppb
Molybdenum	98-1	4.60	4.95	4.86	4.80	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	0.98	0.99	1.06	13.24	ppb
Phosphorus	31-2	12.94	1.33	6.93	7.07	82.12	ppb
Potassium	39-2	467.45	460.86	439.38	455.89	3.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	4.62	5.79	4.33	4.91	15.65	ppb
Selenium	77-2	8.29	4.60	4.68	5.86	36.03	ppb
Selenium	78-2	6.50	4.83	2.31	4.55	46.43	ppb
Silicon	28-1	1.07	0.28	1.27	0.88	59.55	ppb
Silver	107-1	0.87	0.95	0.96	0.93	5.63	ppb
Silver	109-1	0.83	0.89	1.08	0.94	13.92	ppb
Sodium	23-2	467.76	468.46	458.21	464.81	1.23	ppb
Strontium	86-1	0.69	0.89	0.77	0.78	13.00	ppb
Strontium	88-1	0.89	0.92	0.95	0.92	3.03	ppb
Sulfur	34-1	391.61	-230.24	351.21	170.86	203.65	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.94	0.86	0.72	0.84	13.51	ppb
Thallium	205-1	0.96	0.88	0.94	0.93	4.13	ppb
Tin	118-1	4.77	4.75	4.89	4.80	1.54	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.40	4.51	5.05	4.99	9.01	ppb
Uranium	238-1	0.94	0.87	0.87	0.89	4.01	ppb
Vanadium	51-2	4.69	4.86	4.78	4.78	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.25	2.29	1.76	2.10	13.98	ppb
Zirconium	90-1	0.88	0.83	0.90	0.87	3.70	ppb
Zirconium	91-1	0.91	0.94	0.91	0.92	2.21	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	998.55	991.43	972.74	987.57	1.35	ppb
Antimony	121-1	50.15	48.56	48.99	49.23	1.67	ppb
Arsenic	75-2	49.68	49.12	50.34	49.71	1.22	ppb
Barium	135-1	244.69	234.09	250.87	243.22	3.49	ppb
Barium	137-1	242.98	248.42	249.34	246.91	1.39	ppb
Beryllium	9-1	52.93	52.50	53.94	53.12	1.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	44.72	46.37	49.71	46.93	5.41	ppb
Boron	11-1	43.00	44.73	49.75	45.83	7.65	ppb
Bromine	81-1						cps
Cadmium	111-1	51.66	50.42	52.29	51.46	1.85	ppb
Cadmium	106-1	52.39	46.07	52.34	50.26	7.23	ppb
Cadmium	108-1	51.18	49.93	55.47	52.19	5.56	ppb
Calcium	43-1	4850.93	4855.76	4920.82	4875.84	0.80	ppb
Calcium	44-1	4816.69	4760.33	4753.35	4776.79	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.40	49.73	49.18	49.44	0.57	ppb
Cobalt	59-2	48.88	48.10	46.28	47.75	2.79	ppb
Copper	63-2	483.26	484.72	477.65	481.88	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	2655.04	2558.06	2516.21	2576.44	2.76	ppb
Iron	56-2	2746.73	2600.50	2643.59	2663.61	2.82	ppb
Iron	57-2	2561.68	2439.43	2445.01	2482.04	2.78	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.89	243.60	234.58	237.69	2.16	ppb
Lead	207-1	238.07	243.82	227.12	236.34	3.59	ppb
Lead	208-1	237.00	241.38	231.44	236.61	2.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	5030.48	5227.81	5020.38	5092.89	2.30	ppb
Manganese	55-2	471.83	472.72	472.81	472.45	0.11	ppb
Molybdenum	94-1	546.64	540.92	535.59	541.05	1.02	ppb
Molybdenum	95-1	544.49	541.34	541.30	542.38	0.34	ppb
Molybdenum	96-1	540.38	533.88	541.34	538.54	0.75	ppb
Molybdenum	97-1	553.25	541.37	552.47	549.03	1.21	ppb
Molybdenum	98-1	547.33	550.83	555.68	551.28	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.40	49.89	50.82	50.37	0.93	ppb
Phosphorus	31-2	935.34	945.84	1037.67	972.95	5.79	ppb
Potassium	39-2	2446.66	2450.48	2441.27	2446.14	0.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	52.36	51.24	50.89	51.50	1.49	ppb
Selenium	77-2	31.60	62.26	49.74	47.87	32.21	ppb
Selenium	78-2	55.60	47.87	46.85	50.11	9.55	ppb
Silicon	28-1	52.25	52.10	53.57	52.64	1.53	ppb
Silver	107-1	49.97	47.78	48.41	48.72	2.32	ppb
Silver	109-1	51.07	48.88	50.67	50.21	2.33	ppb
Sodium	23-2	4981.80	5018.20	4850.89	4950.29	1.78	ppb
Strontium	86-1	494.98	491.15	485.73	490.62	0.95	ppb
Strontium	88-1	493.41	496.59	485.68	491.89	1.14	ppb
Sulfur	34-1	1047.72	1092.05	1109.96	1083.24	2.96	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	47.24	49.22	47.26	47.91	2.38	ppb
Thallium	205-1	48.83	49.85	47.55	48.74	2.36	ppb
Tin	118-1	48.46	48.77	49.00	48.74	0.56	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	546.35	552.40	563.86	554.20	1.60	ppb
Uranium	238-1	48.22	47.82	47.80	47.95	0.50	ppb
Vanadium	51-2	50.15	48.66	47.92	48.91	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	496.41	493.41	490.51	493.44	0.60	ppb
Zirconium	90-1	49.72	49.30	48.54	49.19	1.22	ppb
Zirconium	91-1	51.02	48.66	49.27	49.65	2.47	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2496.88	2463.77	2497.96	2486.20	0.78	ppb
Antimony	121-1	123.13	122.46	124.22	123.27	0.72	ppb
Arsenic	75-2	126.38	126.67	125.73	126.26	0.38	ppb
Barium	135-1	611.96	621.67	614.34	615.99	0.82	ppb
Barium	137-1	618.79	638.63	601.95	619.79	2.96	ppb
Beryllium	9-1	125.36	128.56	125.48	126.47	1.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	107.15	115.73	123.71	115.53	7.17	ppb
Boron	11-1	107.09	116.77	121.77	115.21	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	125.98	127.30	128.90	127.39	1.15	ppb
Cadmium	106-1	130.17	134.12	128.46	130.92	2.22	ppb
Cadmium	108-1	123.55	127.39	123.21	124.72	1.86	ppb
Calcium	43-1	12128.35	12259.11	11962.59	12116.69	1.23	ppb
Calcium	44-1	12060.19	12223.41	12288.35	12190.65	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.87	124.82	126.48	125.06	1.06	ppb
Cobalt	59-2	121.42	119.85	118.57	119.95	1.19	ppb
Copper	63-2	1239.05	1322.79	1265.51	1275.78	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	6343.00	6423.94	6372.55	6379.83	0.64	ppb
Iron	56-2	6378.37	6596.85	6501.23	6492.15	1.69	ppb
Iron	57-2	6260.76	6311.74	6270.75	6281.09	0.43	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	604.29	579.53	574.63	586.15	2.71	ppb
Lead	207-1	611.95	578.33	583.07	591.12	3.08	ppb
Lead	208-1	628.54	607.67	606.61	614.27	2.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	13675.62	13415.47	13382.26	13491.11	1.19	ppb
Manganese	55-2	1208.26	1194.21	1195.43	1199.30	0.65	ppb
Molybdenum	94-1	1431.50	1384.41	1369.05	1394.99	2.33	ppb
Molybdenum	95-1	1400.89	1357.98	1404.56	1387.81	1.87	ppb
Molybdenum	96-1	1406.69	1360.29	1387.44	1384.81	1.68	ppb
Molybdenum	97-1	1366.81	1364.22	1387.75	1372.93	0.94	ppb
Molybdenum	98-1	1367.41	1377.46	1393.68	1379.52	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.22	130.01	126.25	127.83	1.53	ppb
Phosphorus	31-2	2480.24	2839.79	2452.46	2590.83	8.34	ppb
Potassium	39-2	6251.82	6333.15	6099.31	6228.10	1.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	125.48	131.23	126.12	127.61	2.47	ppb
Selenium	77-2	150.86	151.64	135.51	146.01	6.23	ppb
Selenium	78-2	128.58	125.87	131.82	128.76	2.31	ppb
Silicon	28-1	129.46	132.82	127.37	129.88	2.12	ppb
Silver	107-1	122.67	125.63	121.84	123.38	1.61	ppb
Silver	109-1	125.80	128.54	127.96	127.43	1.13	ppb
Sodium	23-2	12898.69	13208.60	13269.05	13125.44	1.51	ppb
Strontium	86-1	1257.06	1275.40	1233.89	1255.45	1.66	ppb
Strontium	88-1	1247.13	1248.44	1245.50	1247.02	0.12	ppb
Sulfur	34-1	1635.93	1842.73	1269.34	1582.67	18.35	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	119.41	118.55	117.20	118.39	0.94	ppb
Thallium	205-1	121.45	117.52	118.83	119.27	1.68	ppb
Tin	118-1	127.20	126.51	121.04	124.92	2.71	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1367.53	1378.66	1330.29	1358.82	1.86	ppb
Uranium	238-1	121.74	118.49	117.89	119.37	1.73	ppb
Vanadium	51-2	125.05	125.16	123.96	124.72	0.53	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	1213.36	1238.39	1222.51	1224.75	1.03	ppb
Zirconium	90-1	122.92	124.05	124.93	123.97	0.81	ppb
Zirconium	91-1	124.49	124.41	121.40	123.44	1.42	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5373.29	5230.79	4988.71	5197.60	3.74	ppb
Antimony	121-1	243.06	260.05	244.52	249.21	3.78	ppb
Arsenic	75-2	260.95	256.78	247.18	254.97	2.77	ppb
Barium	135-1	1232.01	1292.44	1237.94	1254.13	2.66	ppb
Barium	137-1	1276.85	1328.84	1317.97	1307.89	2.10	ppb
Beryllium	9-1	251.59	257.69	266.45	258.57	2.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	227.63	255.56	261.86	248.35	7.34	ppb
Boron	11-1	232.03	256.39	267.05	251.82	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	250.61	260.41	258.04	256.36	1.99	ppb
Cadmium	106-1	250.60	265.67	248.11	254.79	3.73	ppb
Cadmium	108-1	259.81	278.21	259.79	265.94	4.00	ppb
Calcium	43-1	24585.16	25070.14	24835.35	24830.22	0.98	ppb
Calcium	44-1	25008.29	24953.04	24366.50	24775.94	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.55	258.43	251.63	256.54	1.67	ppb
Cobalt	59-2	259.02	250.94	242.83	250.93	3.23	ppb
Copper	63-2	2696.74	2640.40	2489.66	2608.93	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	13793.46	13144.96	13065.72	13334.71	2.99	ppb
Iron	56-2	14118.04	13611.65	13338.32	13689.34	2.89	ppb
Iron	57-2	13446.91	12513.39	12691.70	12884.00	3.85	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1244.40	1219.47	1307.12	1257.00	3.59	ppb
Lead	207-1	1249.23	1216.20	1292.35	1252.59	3.05	ppb
Lead	208-1	1255.58	1233.08	1293.77	1260.81	2.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	28238.24	28242.42	27034.28	27838.31	2.50	ppb
Manganese	55-2	2707.98	2597.63	2517.01	2607.54	3.68	ppb
Molybdenum	94-1	2789.45	2842.40	2846.71	2826.19	1.13	ppb
Molybdenum	95-1	2764.42	2826.65	2834.13	2808.40	1.36	ppb
Molybdenum	96-1	2816.57	2792.33	2787.93	2798.94	0.55	ppb
Molybdenum	97-1	2785.76	2865.03	2851.95	2834.25	1.50	ppb
Molybdenum	98-1	2783.91	2765.23	2796.72	2781.95	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.02	263.33	251.52	260.29	2.96	ppb
Phosphorus	31-2	5539.53	5134.82	5098.03	5257.46	4.66	ppb
Potassium	39-2	13582.94	12980.47	12626.14	13063.18	3.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	258.00	264.93	264.01	262.31	1.44	ppb
Selenium	77-2	256.58	221.15	254.97	244.23	8.19	ppb
Selenium	78-2	270.92	259.08	261.12	263.70	2.40	ppb
Silicon	28-1	279.97	276.26	281.28	279.17	0.93	ppb
Silver	107-1	239.28	252.46	247.93	246.56	2.72	ppb
Silver	109-1	246.35	268.20	248.90	254.48	4.69	ppb
Sodium	23-2	27427.26	26939.30	25395.44	26587.33	3.99	ppb
Strontium	86-1	2572.61	2615.73	2502.69	2563.68	2.23	ppb
Strontium	88-1	2587.84	2555.46	2497.02	2546.77	1.81	ppb
Sulfur	34-1	4972.75	5099.50	5011.02	5027.75	1.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	238.94	225.89	246.00	236.94	4.31	ppb
Thallium	205-1	241.51	229.15	248.86	239.84	4.15	ppb
Tin	118-1	238.65	251.51	249.04	246.40	2.77	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2794.62	2863.54	2784.48	2814.21	1.53	ppb
Uranium	238-1	257.05	248.68	259.91	255.21	2.29	ppb
Vanadium	51-2	269.26	255.99	249.32	258.19	3.93	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	2591.84	2474.30	2444.11	2503.42	3.12	ppb
Zirconium	90-1	253.39	253.72	265.38	257.50	2.65	ppb
Zirconium	91-1	242.99	250.49	253.38	248.96	2.15	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:19:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9754.73	10155.78	9999.82	9970.11	2.03	ppb
Antimony	121-1	499.58	489.50	508.38	499.15	1.89	ppb
Arsenic	75-2	488.19	501.77	501.02	496.99	1.54	ppb
Barium	135-1	2577.40	2522.28	2529.35	2543.01	1.18	ppb
Barium	137-1	2569.03	2499.86	2498.16	2522.35	1.60	ppb
Beryllium	9-1	511.08	521.60	490.12	507.60	3.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	500.73	534.28	541.12	525.38	4.11	ppb
Boron	11-1	506.19	544.03	554.38	534.87	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	522.63	499.24	507.10	509.65	2.34	ppb
Cadmium	106-1	494.53	496.45	509.80	500.26	1.66	ppb
Cadmium	108-1	510.20	500.75	512.29	507.75	1.21	ppb
Calcium	43-1	48029.87	49440.86	50723.03	49397.92	2.73	ppb
Calcium	44-1	48589.31	49558.89	50606.72	49584.97	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.80	507.59	493.94	498.11	1.65	ppb
Cobalt	59-2	477.68	486.52	482.77	482.32	0.92	ppb
Copper	63-2	4921.61	4900.47	5008.81	4943.63	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	25272.03	26025.64	25824.55	25707.41	1.52	ppb
Iron	56-2	25585.67	26224.02	26073.38	25961.02	1.29	ppb
Iron	57-2	24915.30	25405.47	25564.27	25295.01	1.34	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:19:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2563.64	2588.03	2540.84	2564.17	0.92	ppb
Lead	207-1	2579.38	2631.87	2470.29	2560.51	3.22	ppb
Lead	208-1	2536.13	2570.80	2452.77	2519.90	2.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	52795.95	53164.38	52991.92	52984.08	0.35	ppb
Manganese	55-2	4896.74	5057.81	5165.14	5039.90	2.68	ppb
Molybdenum	94-1	5769.39	5495.02	5425.62	5563.34	3.27	ppb
Molybdenum	95-1	5663.90	5553.72	5596.45	5604.69	0.99	ppb
Molybdenum	96-1	5766.87	5380.84	5633.05	5593.59	3.50	ppb
Molybdenum	97-1	5736.50	5458.81	5493.44	5562.92	2.72	ppb
Molybdenum	98-1	5804.04	5436.57	5462.28	5567.63	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.59	498.79	499.06	500.48	0.54	ppb
Phosphorus	31-2	10019.95	10050.97	10226.40	10099.11	1.10	ppb
Potassium	39-2	25984.58	26418.15	25592.31	25998.35	1.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	519.14	506.37	508.16	511.22	1.35	ppb
Selenium	77-2	532.46	465.77	487.13	495.12	6.88	ppb
Selenium	78-2	499.90	500.94	500.98	500.60	0.12	ppb
Silicon	28-1	549.41	554.97	576.93	560.44	2.60	ppb
Silver	107-1	504.64	508.64	521.72	511.66	1.75	ppb
Silver	109-1	521.85	501.85	506.14	509.95	2.07	ppb
Sodium	23-2	51469.64	52964.24	53746.47	52726.78	2.19	ppb
Strontium	86-1	4979.99	4947.40	5148.24	5025.21	2.14	ppb
Strontium	88-1	5034.35	4958.16	5199.33	5063.95	2.43	ppb
Sulfur	34-1	9230.32	9857.87	11188.25	10092.15	9.91	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	495.03	491.85	481.68	489.52	1.42	ppb
Thallium	205-1	510.33	514.05	512.64	512.34	0.37	ppb
Tin	118-1	495.07	499.09	488.46	494.20	1.09	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:19:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5533.93	5488.41	5650.52	5557.62	1.50	ppb
Uranium	238-1	512.53	521.91	498.16	510.86	2.34	ppb
Vanadium	51-2	491.30	511.94	500.05	501.10	2.07	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	4779.20	4959.39	4836.89	4858.50	1.89	ppb
Zirconium	90-1	509.63	509.42	505.65	508.23	0.44	ppb
Zirconium	91-1	505.86	497.52	495.93	499.77	1.07	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:22:48	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19833.38	20167.04	19626.65	19875.69	1.37	ppb
Antimony	121-1	1021.70	986.12	994.81	1000.88	1.85	ppb
Arsenic	75-2	993.95	1006.52	999.88	1000.12	0.63	ppb
Barium	135-1	5009.38	4991.12	4936.29	4978.93	0.76	ppb
Barium	137-1	4987.05	4948.71	4989.72	4975.16	0.46	ppb
Beryllium	9-1	1021.43	964.21	995.52	993.72	2.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	977.49	961.26	1029.47	989.41	3.60	ppb
Boron	11-1	977.14	963.50	1011.05	983.89	2.49	ppb
Bromine	81-1						cps
Cadmium	111-1	1002.39	983.13	994.12	993.21	0.97	ppb
Cadmium	106-1	997.13	1017.03	979.59	997.92	1.88	ppb
Cadmium	108-1	1011.49	988.74	975.97	992.07	1.81	ppb
Calcium	43-1	103428.09	97151.47	98923.13	99834.23	3.24	ppb
Calcium	44-1	97024.35	93082.65	95945.84	95350.95	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1012.24	1001.80	983.96	999.33	1.43	ppb
Cobalt	59-2	1011.90	1013.85	1002.30	1009.35	0.61	ppb
Copper	63-2	10274.28	10005.32	9716.30	9998.63	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	55002.81	54514.87	53737.29	54418.32	1.17	ppb
Iron	56-2	51750.05	51345.21	50443.50	51179.59	1.31	ppb
Iron	57-2	49451.08	49481.75	49710.07	49547.63	0.29	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:22:48	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4906.17	4945.44	5063.30	4971.64	1.64	ppb
Lead	207-1	4949.67	5007.12	4965.26	4974.01	0.60	ppb
Lead	208-1	4907.84	5043.99	5016.24	4989.36	1.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	102988.65	105057.40	102711.14	103585.73	1.24	ppb
Manganese	55-2	10078.48	10040.86	9763.30	9960.88	1.73	ppb
Molybdenum	94-1	10807.70	10944.58	11089.41	10947.23	1.29	ppb
Molybdenum	95-1	10598.53	10943.45	11253.52	10931.83	3.00	ppb
Molybdenum	96-1	10715.75	10688.88	11416.32	10940.32	3.77	ppb
Molybdenum	97-1	10692.49	10916.34	11234.54	10947.79	2.49	ppb
Molybdenum	98-1	10526.00	11083.85	11262.84	10957.57	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.62	1013.63	978.19	996.81	1.78	ppb
Phosphorus	31-2	20372.41	20314.70	18941.13	19876.08	4.08	ppb
Potassium	39-2	52124.67	51578.79	52747.93	52150.46	1.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	968.09	992.32	1012.32	990.91	2.24	ppb
Selenium	77-2	1024.03	970.35	1009.69	1001.36	2.78	ppb
Selenium	78-2	987.38	995.31	1004.70	995.80	0.87	ppb
Silicon	28-1	990.91	967.44	927.16	961.84	3.35	ppb
Silver	107-1	1008.30	999.32	978.27	995.30	1.55	ppb
Silver	109-1	1000.53	980.16	1000.09	993.59	1.17	ppb
Sodium	23-2	101904.38	105350.31	103782.08	103678.92	1.66	ppb
Strontium	86-1	9933.62	9870.09	10110.08	9971.26	1.25	ppb
Strontium	88-1	9801.32	10003.68	10066.34	9957.11	1.39	ppb
Sulfur	34-1	21426.98	19983.96	18761.54	20057.49	6.65	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	956.49	1032.59	1039.23	1009.44	4.55	ppb
Thallium	205-1	964.62	1006.09	1020.74	997.15	2.92	ppb
Tin	118-1	1014.74	1001.50	995.37	1003.87	0.99	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:22:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11050.07	11189.12	10631.65	10956.95	2.65	ppb
Uranium	238-1	961.03	1005.77	1015.42	994.07	2.92	ppb
Vanadium	51-2	990.53	1017.71	984.25	997.50	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	10196.66	10105.23	9918.25	10073.38	1.41	ppb
Zirconium	90-1	987.19	990.74	1004.61	994.18	0.93	ppb
Zirconium	91-1	979.37	1015.74	1006.66	1000.59	1.89	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:25:52	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100384.88	100478.92	99191.52	100018.44	0.72	ppb
Antimony	121-1	1.00	0.86	0.84	0.90	9.78	ppb
Arsenic	75-2	0.43	0.43	0.48	0.44	6.37	ppb
Barium	135-1	2.37	2.49	1.76	2.21	17.64	ppb
Barium	137-1	2.81	2.04	1.71	2.19	25.94	ppb
Beryllium	9-1	0.86	0.66	0.56	0.69	22.12	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	149.14	136.52	121.68	135.78	10.12	ppb
Boron	11-1	152.82	133.63	121.81	136.09	11.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.21	0.17	0.26	48.63	ppb
Cadmium	106-1	2.44	-1.73	0.01	0.24	871.70	ppb
Cadmium	108-1	1.08	0.59	0.50	0.72	43.00	ppb
Calcium	43-1	529125.41	498868.54	472344.25	500112.73	5.68	ppb
Calcium	44-1	524728.42	504211.08	474038.13	500992.54	5.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.24	2.12	2.15	3.83	ppb
Cobalt	59-2	2.28	2.22	2.32	2.27	2.18	ppb
Copper	63-2	3.83	4.06	4.88	4.26	12.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	251765.40	247075.85	248158.30	248999.85	0.99	ppb
Iron	56-2	247787.06	250058.31	250957.10	249600.82	0.65	ppb
Iron	57-2	250828.68	249957.01	249337.84	250041.18	0.30	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:25:52	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.81	3.04	2.88	3.24	15.46	ppb
Lead	207-1	3.87	2.94	2.79	3.20	18.23	ppb
Lead	208-1	3.80	3.03	2.76	3.19	16.84	ppb
Lithium	6-1				96		%
Magnesium	24-2	496379.98	504598.77	495471.78	498816.84	1.01	ppb
Manganese	55-2	5.64	5.43	5.98	5.69	4.89	ppb
Molybdenum	94-1	5.63	4.13	3.74	4.50	22.17	ppb
Molybdenum	95-1	4.81	3.28	3.13	3.74	24.89	ppb
Molybdenum	96-1	8.00	6.08	5.56	6.55	19.61	ppb
Molybdenum	97-1	5.14	3.69	2.66	3.83	32.61	ppb
Molybdenum	98-1	4.75	3.37	2.79	3.64	27.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.80	2.80	2.93	2.84	2.65	ppb
Phosphorus	31-2	1.27	-15.28	46.64	10.88	294.80	ppb
Potassium	39-2	245847.17	251016.59	251465.50	249443.09	1.25	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.21	-1.91	0.26	-0.48		ppb
Selenium	77-2	1.15	-0.59	1.14	0.57	176.18	ppb
Selenium	78-2	0.49	-0.13	-0.30	0.02	1965.06	ppb
Silicon	28-1	20.31	21.31	18.24	19.95	7.84	ppb
Silver	107-1	0.65	0.40	0.33	0.46	35.95	ppb
Silver	109-1	0.55	0.46	0.29	0.43	29.74	ppb
Sodium	23-2	490697.68	504293.22	501700.30	498897.07	1.45	ppb
Strontium	86-1	9.10	7.95	6.77	7.94	14.71	ppb
Strontium	88-1	9.37	7.73	6.99	8.03	15.16	ppb
Sulfur	34-1	-72.70	-286.90	-751.25	-370.29		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.41	0.35	0.29	0.35	16.47	ppb
Thallium	205-1	0.46	0.30	0.27	0.34	30.06	ppb
Tin	118-1	0.51	0.28	0.29	0.36	36.60	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:25:52	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.70	2.06	1.76	2.51	41.51	ppb
Uranium	238-1	0.32	0.20	0.18	0.24	31.79	ppb
Vanadium	51-2	0.30	0.28	0.38	0.32	16.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				101		%
Zinc	66-2	23.82	24.05	23.75	23.87	0.67	ppb
Zirconium	90-1	0.65	0.51	0.40	0.52	24.54	ppb
Zirconium	91-1	0.62	0.65	0.58	0.62	5.92	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICV99	Instrumnet Name :	P8
Client Sample ID :	ICV99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:41:08	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	475.64	457.52	465.82	466.33	1.95	ppb
Antimony	121-1	201.26	201.23	189.80	197.43	3.35	ppb
Arsenic	75-2	203.32	196.43	203.56	201.10	2.01	ppb
Barium	135-1	100.79	100.05	92.59	97.81	4.64	ppb
Barium	137-1	102.08	101.40	98.81	100.76	1.71	ppb
Beryllium	9-1	106.58	103.09	104.20	104.62	1.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	18.26	15.81	17.11	17.06	7.20	ppb
Boron	11-1	18.15	17.67	17.51	17.78	1.89	ppb
Bromine	81-1						cps
Cadmium	111-1	106.06	105.37	99.83	103.75	3.29	ppb
Cadmium	106-1	83.29	82.37	87.00	84.22	2.91	ppb
Cadmium	108-1	94.83	90.44	88.33	91.20	3.63	ppb
Calcium	43-1	1874.96	1867.78	1871.91	1871.55	0.19	ppb
Calcium	44-1	1901.89	1823.97	1839.72	1855.19	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.04	96.61	100.09	98.91	2.02	ppb
Cobalt	59-2	99.55	94.31	96.97	96.94	2.71	ppb
Copper	63-2	95.11	92.80	95.30	94.40	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	2027.62	1992.80	2070.43	2030.28	1.92	ppb
Iron	56-2	2110.21	1936.07	2107.08	2051.12	4.86	ppb
Iron	57-2	1984.00	1904.49	2007.10	1965.20	2.74	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICV99	Instrumnet Name :	P8
Client Sample ID :	ICV99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:41:08	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	196.82	198.05	196.95	197.27	0.34	ppb
Lead	207-1	194.47	192.70	189.45	192.21	1.32	ppb
Lead	208-1	196.16	195.07	193.18	194.80	0.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	1188.40	1114.85	1167.59	1156.95	3.28	ppb
Manganese	55-2	93.54	90.05	94.22	92.60	2.42	ppb
Molybdenum	94-1	0.29	0.20	0.23	0.24	18.75	ppb
Molybdenum	95-1	0.20	0.22	0.18	0.20	8.20	ppb
Molybdenum	96-1	0.29	0.30	0.33	0.31	7.24	ppb
Molybdenum	97-1	0.30	0.17	0.18	0.22	32.97	ppb
Molybdenum	98-1	0.22	0.20	0.19	0.20	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.07	99.78	102.63	100.83	1.56	ppb
Phosphorus	31-2	-15.49	-0.35	8.05	-2.60		ppb
Potassium	39-2	1951.36	1893.13	1942.90	1929.13	1.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	214.02	216.95	209.88	213.62	1.66	ppb
Selenium	77-2	184.67	212.74	207.78	201.73	7.42	ppb
Selenium	78-2	207.55	212.25	206.76	208.85	1.42	ppb
Silicon	28-1	-0.36	-0.67	-0.38	-0.47		ppb
Silver	107-1	50.49	48.52	46.49	48.50	4.12	ppb
Silver	109-1	49.97	48.89	48.53	49.13	1.53	ppb
Sodium	23-2	1951.50	1861.50	1912.94	1908.65	2.37	ppb
Strontium	86-1	0.26	0.10	0.08	0.15	65.35	ppb
Strontium	88-1	0.28	0.27	0.28	0.27	1.37	ppb
Sulfur	34-1	36.88	-474.72	-173.02	-203.62		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	208.82	207.46	209.06	208.45	0.41	ppb
Thallium	205-1	205.34	207.34	202.73	205.14	1.13	ppb
Tin	118-1	-0.02	-0.03	0.03	-0.01		ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICV99	Instrumnet Name :	P8
Client Sample ID :	ICV99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:41:08	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.16	0.00	-0.02	-0.06		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.13	ppb
Vanadium	51-2	97.42	94.94	98.05	96.80	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	193.19	184.38	197.74	191.77	3.54	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.43	ppb
Zirconium	91-1	0.08	0.00	0.11	0.06	86.29	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:54:49	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.79	17.53	17.96	18.09	3.53	ppb
Antimony	121-1	1.86	1.96	1.83	1.88	3.57	ppb
Arsenic	75-2	1.02	0.90	1.15	1.03	12.24	ppb
Barium	135-1	8.64	9.07	9.24	8.98	3.46	ppb
Barium	137-1	9.23	9.70	9.63	9.52	2.67	ppb
Beryllium	9-1	1.01	1.03	1.17	1.07	8.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	20.68	20.78	21.79	21.08	2.90	ppb
Boron	11-1	20.82	21.76	22.71	21.76	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.98	0.91	0.94	3.75	ppb
Cadmium	106-1	-1.23	-2.77	-1.58	-1.86		ppb
Cadmium	108-1	0.71	1.10	1.56	1.12	38.06	ppb
Calcium	43-1	440.98	416.96	445.29	434.41	3.51	ppb
Calcium	44-1	419.76	421.02	438.69	426.49	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.86	1.77	1.80	2.95	ppb
Cobalt	59-2	0.94	0.85	0.84	0.88	6.13	ppb
Copper	63-2	1.88	1.83	1.94	1.88	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	41.63	48.42	43.81	44.62	7.77	ppb
Iron	56-2	46.87	46.51	45.79	46.39	1.19	ppb
Iron	57-2	45.14	48.72	52.23	48.70	7.28	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:54:49	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.76	0.85	0.95	0.85	11.26	ppb
Lead	207-1	1.01	1.03	1.00	1.01	1.73	ppb
Lead	208-1	0.90	0.95	0.94	0.93	2.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	475.48	461.19	450.65	462.44	2.70	ppb
Manganese	55-2	0.87	0.91	0.95	0.91	4.40	ppb
Molybdenum	94-1	5.98	5.51	5.99	5.83	4.64	ppb
Molybdenum	95-1	4.82	4.84	4.78	4.81	0.63	ppb
Molybdenum	96-1	5.42	4.86	5.01	5.10	5.66	ppb
Molybdenum	97-1	4.98	4.75	5.07	4.93	3.32	ppb
Molybdenum	98-1	5.05	4.66	4.75	4.82	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.10	0.96	0.99	9.41	ppb
Phosphorus	31-2	6.12	17.47	65.66	29.75	106.26	ppb
Potassium	39-2	466.54	470.02	437.50	458.02	3.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	5.47	2.60	4.42	4.16	34.87	ppb
Selenium	77-2	-0.59	2.95	1.17	1.18	150.44	ppb
Selenium	78-2	6.50	4.71	3.07	4.76	36.07	ppb
Silicon	28-1	-0.11	-0.32	0.58	0.05	949.47	ppb
Silver	107-1	0.99	0.98	0.96	0.97	1.93	ppb
Silver	109-1	0.89	1.01	0.90	0.93	6.74	ppb
Sodium	23-2	450.89	454.59	442.50	449.32	1.38	ppb
Strontium	86-1	0.54	0.82	0.91	0.75	25.75	ppb
Strontium	88-1	0.98	0.96	0.94	0.96	2.09	ppb
Sulfur	34-1	400.91	192.57	722.45	438.64	60.86	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.87	0.92	0.88	0.89	3.32	ppb
Thallium	205-1	0.92	0.80	0.89	0.87	7.29	ppb
Tin	118-1	4.89	4.60	5.03	4.84	4.50	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:54:49	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.40	4.64	5.16	4.73	8.24	ppb
Uranium	238-1	0.88	0.86	0.95	0.90	4.87	ppb
Vanadium	51-2	4.82	4.89	4.62	4.77	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2.32	1.90	2.04	2.09	10.35	ppb
Zirconium	90-1	0.88	0.87	0.94	0.90	4.59	ppb
Zirconium	91-1	0.96	0.87	0.79	0.87	10.01	ppb

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : ICB99 Instrumnet Name : P8
 Client Sample ID : ICB99 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:57:54 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.42	0.05	-0.16		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	33.28	ppb
Arsenic	75-2	-0.01	-0.01	0.01	-0.01		ppb
Barium	135-1	0.01	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.01	0.01	117.48	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	34.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	12.77	12.04	11.84	12.22	4.01	ppb
Boron	11-1	12.79	11.94	12.09	12.27	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.08	-0.05	-0.08		ppb
Cadmium	106-1	-3.50	-2.75	-2.03	-2.76		ppb
Cadmium	108-1	0.06	0.06	0.04	0.05	14.83	ppb
Calcium	43-1	-1.58	-1.77	-2.66	-2.01		ppb
Calcium	44-1	-13.52	-11.51	-18.46	-14.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	0.02	0.01	333.84	ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.05	-0.01	0.01	0.02	150.15	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				101		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	-3.79	-3.21	-3.04	-3.35		ppb
Iron	56-2	-0.48	0.01	-0.30	-0.26		ppb
Iron	57-2	1.32	-0.26	2.07	1.04	113.73	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICB99	Instrumnet Name :	P8
Client Sample ID :	ICB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:57:54	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.06	-0.01	0.03	111.22	ppb
Lead	207-1	0.06	0.05	0.02	0.04	43.43	ppb
Lead	208-1	0.02	0.02	0.00	0.02	77.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.14	-0.68	-1.42	-0.75		ppb
Manganese	55-2	-0.03	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	-0.01	0.03	0.00	448.96	ppb
Molybdenum	95-1	0.01	0.03	0.01	0.02	53.60	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	26.09	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	47.07	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	80.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	-0.04	0.02	330.25	ppb
Phosphorus	31-2	26.29	-31.68	-15.59	-6.99		ppb
Potassium	39-2	-13.02	-4.59	-15.50	-11.04		ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.25	-0.64	-0.71	-0.53		ppb
Selenium	77-2	-0.59	1.16	1.18	0.58	173.91	ppb
Selenium	78-2	-0.02	0.08	0.54	0.20	148.44	ppb
Silicon	28-1	-1.02	-0.63	-2.44	-1.36		ppb
Silver	107-1	0.01	0.01	0.02	0.01	52.86	ppb
Silver	109-1	0.00	0.02	0.01	0.01	133.93	ppb
Sodium	23-2	-11.57	-4.13	-9.13	-8.28		ppb
Strontium	86-1	-0.15	0.09	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.57	ppb
Sulfur	34-1	-57.30	406.91	-718.76	-123.05		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.02	-0.02	-0.01		ppb
Tin	118-1	-0.03	0.01	0.00	-0.01		ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICB99	Instrumnet Name :	P8
Client Sample ID :	ICB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:57:54	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.08	0.07	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.32	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				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.16	0.44	-0.07	0.18	146.85	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	452.99	ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	195.85	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSA99	Instrumnet Name :	P8
Client Sample ID :	ICSA99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:01:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98652.64	98784.47	96194.58	97877.23	1.49	ppb
Antimony	121-1	1.07	1.08	1.17	1.11	4.63	ppb
Arsenic	75-2	0.29	0.33	0.23	0.28	18.76	ppb
Barium	135-1	1.56	1.31	1.38	1.42	9.02	ppb
Barium	137-1	1.53	1.29	1.36	1.39	8.86	ppb
Beryllium	9-1	0.31	0.27	0.36	0.31	14.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	14.66	12.89	11.45	13.00	12.33	ppb
Boron	11-1	14.24	13.39	12.10	13.24	8.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.36	0.36	0.37	3.58	ppb
Cadmium	106-1	-2.13	-0.73	-0.44	-1.10		ppb
Cadmium	108-1	8.01	8.68	6.82	7.84	12.00	ppb
Calcium	43-1	97501.76	102209.51	95965.03	98558.77	3.30	ppb
Calcium	44-1	91267.27	99287.92	94475.87	95010.35	4.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.64	19.49	18.95	19.36	1.90	ppb
Cobalt	59-2	1.01	1.14	1.16	1.10	7.01	ppb
Copper	63-2	7.16	7.22	6.75	7.04	3.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	105067.59	104376.80	101466.30	103636.90	1.84	ppb
Iron	56-2	100574.97	104143.01	101606.31	102108.10	1.80	ppb
Iron	57-2	105897.67	106477.55	103049.03	105141.41	1.75	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSA99	Instrumnet Name :	P8
Client Sample ID :	ICSA99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:01:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.32	4.59	4.33	4.41	3.47	ppb
Lead	207-1	4.21	4.02	4.12	4.12	2.22	ppb
Lead	208-1	4.27	4.30	4.13	4.23	2.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	99754.80	100914.74	95504.89	98724.81	2.88	ppb
Manganese	55-2	7.41	7.70	7.12	7.41	3.92	ppb
Molybdenum	94-1	1627.12	1699.42	1605.18	1643.91	3.00	ppb
Molybdenum	95-1	1985.31	2044.25	1999.68	2009.75	1.53	ppb
Molybdenum	96-1	1970.52	2016.58	1943.84	1976.98	1.86	ppb
Molybdenum	97-1	1948.28	2073.26	1926.24	1982.60	4.00	ppb
Molybdenum	98-1	1961.66	2061.04	1936.75	1986.48	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.63	5.48	5.46	3.41	ppb
Phosphorus	31-2	101896.37	99818.12	101839.07	101184.52	1.17	ppb
Potassium	39-2	100042.41	99391.85	97275.92	98903.39	1.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.15	-2.89	-0.37	-1.14		ppb
Selenium	77-2	-0.59	1.15	-0.59	-0.01		ppb
Selenium	78-2	-2.23	-0.86	-2.03	-1.71		ppb
Silicon	28-1	-0.37	0.79	-0.04	0.13	475.94	ppb
Silver	107-1	0.06	0.03	0.03	0.04	42.87	ppb
Silver	109-1	0.04	0.03	0.02	0.03	32.80	ppb
Sodium	23-2	100090.17	101721.37	98572.94	100128.16	1.57	ppb
Strontium	86-1	32.85	34.80	32.32	33.33	3.92	ppb
Strontium	88-1	33.25	34.68	33.40	33.78	2.33	ppb
Sulfur	34-1	80913.26	84893.64	80679.74	82162.21	2.88	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	34.69	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	12.24	ppb
Tin	118-1	0.19	0.13	0.16	0.16	17.99	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSA99	Instrumnet Name :	P8
Client Sample ID :	ICSA99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:01:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2035.92	2074.97	2022.12	2044.33	1.34	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	28.82	ppb
Vanadium	51-2	0.15	0.13	0.12	0.13	9.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	12.78	12.75	11.87	12.47	4.15	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	88.34	ppb
Zirconium	91-1	-0.02	0.06	0.04	0.03	137.11	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97310.74	97371.54	92164.63	95615.64	3.13	ppb
Antimony	121-1	20.67	20.88	20.62	20.72	0.66	ppb
Arsenic	75-2	20.37	19.24	20.01	19.87	2.92	ppb
Barium	135-1	20.91	21.44	21.39	21.25	1.38	ppb
Barium	137-1	21.11	22.20	20.76	21.36	3.54	ppb
Beryllium	9-1	19.75	21.02	20.71	20.49	3.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	34.82	38.82	38.76	37.47	6.11	ppb
Boron	11-1	35.62	39.42	38.04	37.69	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	20.77	20.41	19.55	20.24	3.10	ppb
Cadmium	106-1	25.18	20.85	19.33	21.79	13.94	ppb
Cadmium	108-1	30.90	31.79	30.62	31.10	1.96	ppb
Calcium	43-1	99186.78	96050.49	96955.16	97397.48	1.66	ppb
Calcium	44-1	97565.99	95279.40	97015.33	96620.24	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.20	39.77	38.41	39.13	1.75	ppb
Cobalt	59-2	20.48	19.74	19.55	19.92	2.47	ppb
Copper	63-2	25.01	25.65	25.21	25.29	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	105336.58	100193.02	103458.47	102996.02	2.53	ppb
Iron	56-2	102636.95	100299.52	102253.87	101730.11	1.23	ppb
Iron	57-2	108829.28	103689.87	100719.00	104412.72	3.93	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.34	24.29	23.07	23.90	3.01	ppb
Lead	207-1	22.65	23.21	21.07	22.31	4.97	ppb
Lead	208-1	23.31	23.46	21.92	22.90	3.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	96170.78	97582.43	95690.42	96481.21	1.02	ppb
Manganese	55-2	25.30	25.44	25.56	25.43	0.52	ppb
Molybdenum	94-1	1755.24	1819.80	1771.95	1782.33	1.88	ppb
Molybdenum	95-1	2007.54	2005.46	2040.07	2017.69	0.96	ppb
Molybdenum	96-1	1994.23	2004.87	1966.92	1988.67	0.98	ppb
Molybdenum	97-1	2000.63	2077.90	1994.89	2024.48	2.29	ppb
Molybdenum	98-1	1939.51	1997.00	1976.43	1970.98	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.45	24.72	24.95	25.04	1.47	ppb
Phosphorus	31-2	98225.24	99900.21	97227.18	98450.88	1.37	ppb
Potassium	39-2	99322.12	97550.22	96608.67	97827.01	1.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	19.99	19.67	18.36	19.34	4.47	ppb
Selenium	77-2	9.52	19.68	11.35	13.52	40.06	ppb
Selenium	78-2	18.81	18.00	19.94	18.92	5.15	ppb
Silicon	28-1	4.74	3.54	4.54	4.27	15.11	ppb
Silver	107-1	18.98	19.22	19.01	19.07	0.68	ppb
Silver	109-1	18.74	19.50	19.08	19.11	2.01	ppb
Sodium	23-2	97993.06	98725.55	99032.79	98583.80	0.54	ppb
Strontium	86-1	85.81	88.05	85.98	86.61	1.44	ppb
Strontium	88-1	86.99	88.06	86.36	87.14	0.98	ppb
Sulfur	34-1	80935.29	77437.59	80051.71	79474.86	2.29	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	19.17	19.41	18.51	19.03	2.44	ppb
Thallium	205-1	19.84	19.64	18.99	19.49	2.30	ppb
Tin	118-1	54.14	54.31	54.84	54.43	0.67	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2081.26	2058.71	2084.22	2074.73	0.67	ppb
Uranium	238-1	55.81	54.01	52.94	54.26	2.67	ppb
Vanadium	51-2	20.21	19.37	19.24	19.61	2.68	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	29.19	30.61	29.17	29.66	2.79	ppb
Zirconium	90-1	51.80	54.13	52.98	52.97	2.20	ppb
Zirconium	91-1	51.94	52.45	52.91	52.43	0.93	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:06:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50788.52	50503.21	48943.40	50078.38	1.98	ppb
Antimony	121-1	480.04	468.99	479.35	476.12	1.30	ppb
Arsenic	75-2	471.02	476.46	481.40	476.29	1.09	ppb
Barium	135-1	2426.77	2437.19	2476.21	2446.72	1.07	ppb
Barium	137-1	2483.81	2425.08	2457.73	2455.54	1.20	ppb
Beryllium	9-1	485.62	473.03	500.14	486.26	2.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	591.72	633.67	671.00	632.13	6.27	ppb
Boron	11-1	600.73	626.20	695.25	640.73	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	485.87	466.97	487.98	480.28	2.41	ppb
Cadmium	106-1	479.77	465.49	461.35	468.87	2.06	ppb
Cadmium	108-1	479.66	460.21	488.34	476.07	3.03	ppb
Calcium	43-1	239429.83	235430.93	235733.38	236864.72	0.94	ppb
Calcium	44-1	227382.42	230561.07	231606.28	229849.92	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.48	476.83	468.67	474.33	1.03	ppb
Cobalt	59-2	462.91	463.81	448.51	458.41	1.87	ppb
Copper	63-2	4981.59	5111.86	4932.45	5008.64	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	127633.36	126244.81	125695.39	126524.52	0.79	ppb
Iron	56-2	125569.62	126046.55	121827.72	124481.30	1.86	ppb
Iron	57-2	129670.75	125609.82	127533.26	127604.61	1.59	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:06:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2532.29	2497.08	2541.51	2523.63	0.93	ppb
Lead	207-1	2463.32	2511.91	2510.82	2495.35	1.11	ppb
Lead	208-1	2466.48	2473.85	2502.05	2480.79	0.76	ppb
Lithium	6-1				109		%
Magnesium	24-2	256352.38	253879.81	244267.05	251499.74	2.54	ppb
Manganese	55-2	4914.40	5063.71	4777.07	4918.39	2.91	ppb
Molybdenum	94-1	5404.06	5397.75	5326.71	5376.17	0.80	ppb
Molybdenum	95-1	5298.02	5555.95	5270.78	5374.92	2.93	ppb
Molybdenum	96-1	5366.67	5356.55	5397.55	5373.59	0.40	ppb
Molybdenum	97-1	5347.67	5442.86	5474.18	5421.57	1.22	ppb
Molybdenum	98-1	5294.36	5560.37	5406.64	5420.46	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.15	483.81	475.92	482.63	1.29	ppb
Phosphorus	31-2	9667.69	9340.29	9258.04	9422.00	2.30	ppb
Potassium	39-2	125681.84	122915.78	124231.14	124276.25	1.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	469.61	480.21	470.80	473.54	1.23	ppb
Selenium	77-2	479.90	491.33	443.48	471.57	5.30	ppb
Selenium	78-2	462.80	460.56	479.51	467.62	2.21	ppb
Silicon	28-1	710.74	729.64	745.01	728.47	2.36	ppb
Silver	107-1	492.18	468.36	481.36	480.63	2.48	ppb
Silver	109-1	492.06	478.71	491.98	487.59	1.58	ppb
Sodium	23-2	252708.33	248975.76	245146.66	248943.58	1.52	ppb
Strontium	86-1	4838.66	4829.37	4966.61	4878.21	1.57	ppb
Strontium	88-1	4856.49	4880.18	4944.72	4893.79	0.93	ppb
Sulfur	34-1	7980.21	8193.10	9037.52	8403.61	6.65	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	484.68	470.39	474.92	476.66	1.53	ppb
Thallium	205-1	499.75	499.68	491.29	496.91	0.98	ppb
Tin	118-1	483.99	476.53	496.42	485.65	2.07	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:06:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5341.73	5437.62	5450.01	5409.79	1.10	ppb
Uranium	238-1	510.80	504.54	524.84	513.39	2.02	ppb
Vanadium	51-2	489.48	486.61	471.02	482.37	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	4667.09	4645.43	4575.18	4629.23	1.04	ppb
Zirconium	90-1	491.36	506.62	507.42	501.80	1.80	ppb
Zirconium	91-1	489.67	499.78	494.07	494.51	1.02	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:20:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	-0.57	-0.01	-0.21		ppb
Antimony	121-1	0.04	0.03	0.06	0.04	37.42	ppb
Arsenic	75-2	0.03	-0.03	0.01	0.00	767.62	ppb
Barium	135-1	-0.03	0.00	-0.03	-0.02		ppb
Barium	137-1	0.00	0.00	0.00	0.00	180.81	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	27.89	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	18.68	17.15	15.78	17.21	8.44	ppb
Boron	11-1	17.53	17.04	17.17	17.25	1.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.14	-0.17	-0.13		ppb
Cadmium	106-1	-3.06	-4.52	-6.04	-4.54		ppb
Cadmium	108-1	-0.11	-0.02	0.06	-0.02		ppb
Calcium	43-1	-3.84	-1.77	-3.11	-2.90		ppb
Calcium	44-1	-15.80	-13.48	-9.93	-13.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.00	0.02	105.80	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	0.04	0.05	0.02	148.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	-1.28	0.64	-0.27	-0.30		ppb
Iron	56-2	-0.06	-0.04	0.23	0.04	392.56	ppb
Iron	57-2	1.34	1.34	4.83	2.50	80.67	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:20:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.08	0.03	0.04	59.77	ppb
Lead	207-1	0.06	0.09	0.00	0.05	85.89	ppb
Lead	208-1	0.03	0.05	0.02	0.03	47.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.33	-0.53	-0.52	-0.79		ppb
Manganese	55-2	-0.06	-0.01	-0.05	-0.04		ppb
Molybdenum	94-1	-0.02	0.01	0.03	0.01	526.03	ppb
Molybdenum	95-1	0.09	0.02	0.02	0.04	96.78	ppb
Molybdenum	96-1	0.14	0.04	0.03	0.07	82.60	ppb
Molybdenum	97-1	0.08	0.09	0.05	0.07	29.43	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.13	0.18	0.13	38.44	ppb
Phosphorus	31-2	-24.64	32.87	-8.02	0.07	42496.79	ppb
Potassium	39-2	-2.94	-1.80	-12.15	-5.63		ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.25	0.13	-3.31	-1.14		ppb
Selenium	77-2	-0.59	1.25	-0.59	0.02	4561.63	ppb
Selenium	78-2	-0.19	-0.68	-0.59	-0.48		ppb
Silicon	28-1	-1.53	-1.43	-0.74	-1.23		ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.43	ppb
Silver	109-1	-0.01	-0.01	0.01	0.00		ppb
Sodium	23-2	-1.25	0.45	3.41	0.87	271.21	ppb
Strontium	86-1	-0.05	0.04	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	206.22	ppb
Sulfur	34-1	-158.60	56.00	169.66	22.35	745.77	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.04	-0.01	0.01	156.69	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	13.93	ppb
Tin	118-1	-0.02	0.01	0.02	0.00	784.72	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:20:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	158.92	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	578.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.28	-0.19	-0.24	-0.24		ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	128.88	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:23:19	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.62	21.60	17.54	18.92	12.28	ppb
Antimony	121-1	1.81	1.95	2.02	1.92	5.67	ppb
Arsenic	75-2	1.01	0.88	0.97	0.95	7.15	ppb
Barium	135-1	8.64	9.56	9.34	9.18	5.22	ppb
Barium	137-1	9.10	9.24	9.36	9.23	1.37	ppb
Beryllium	9-1	0.96	1.05	0.98	1.00	4.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	23.29	24.30	24.70	24.10	3.00	ppb
Boron	11-1	23.62	25.32	24.50	24.48	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.77	0.98	0.88	0.88	11.77	ppb
Cadmium	106-1	-0.40	-0.36	-1.73	-0.83		ppb
Cadmium	108-1	1.66	1.14	1.06	1.29	25.27	ppb
Calcium	43-1	452.86	449.64	424.30	442.27	3.54	ppb
Calcium	44-1	422.74	437.78	404.49	421.67	3.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.05	1.96	2.00	2.35	ppb
Cobalt	59-2	0.92	0.95	0.98	0.95	2.95	ppb
Copper	63-2	1.92	2.11	1.87	1.96	6.38	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				95		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	44.81	52.12	50.24	49.06	7.74	ppb
Iron	56-2	49.28	55.17	47.54	50.67	7.89	ppb
Iron	57-2	56.40	52.25	46.64	51.76	9.46	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:23:19	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.97	0.98	0.96	2.78	ppb
Lead	207-1	0.84	0.92	0.97	0.91	7.10	ppb
Lead	208-1	0.86	0.94	0.95	0.92	5.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	485.25	500.37	475.69	487.10	2.55	ppb
Manganese	55-2	0.81	1.03	0.93	0.92	12.10	ppb
Molybdenum	94-1	5.58	5.98	5.27	5.61	6.38	ppb
Molybdenum	95-1	4.65	4.63	4.58	4.62	0.79	ppb
Molybdenum	96-1	4.68	4.93	4.66	4.76	3.18	ppb
Molybdenum	97-1	4.51	4.24	4.86	4.54	6.83	ppb
Molybdenum	98-1	4.77	4.64	4.55	4.65	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.14	1.10	1.10	4.27	ppb
Phosphorus	31-2	56.66	27.49	3.52	29.22	91.06	ppb
Potassium	39-2	470.86	459.45	463.68	464.67	1.24	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	3.52	2.28	3.27	3.02	21.57	ppb
Selenium	77-2	6.70	8.38	6.70	7.26	13.39	ppb
Selenium	78-2	4.37	4.30	5.98	4.89	19.40	ppb
Silicon	28-1	-0.65	0.00	-1.19	-0.61		ppb
Silver	107-1	1.07	0.98	0.95	1.00	6.28	ppb
Silver	109-1	0.93	0.98	0.99	0.97	3.58	ppb
Sodium	23-2	474.51	485.59	465.40	475.16	2.13	ppb
Strontium	86-1	0.69	0.93	0.83	0.82	14.83	ppb
Strontium	88-1	0.91	0.93	0.91	0.92	1.53	ppb
Sulfur	34-1	134.03	711.34	-342.13	167.75	314.49	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.90	0.88	0.96	0.91	4.49	ppb
Thallium	205-1	0.89	0.89	0.92	0.90	2.05	ppb
Tin	118-1	4.78	4.93	5.14	4.95	3.73	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:23:19	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.71	4.70	5.31	4.90	7.09	ppb
Uranium	238-1	0.92	0.95	0.96	0.94	2.26	ppb
Vanadium	51-2	4.69	4.69	4.86	4.75	2.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1.53	2.18	1.78	1.83	17.67	ppb
Zirconium	90-1	0.89	0.88	0.89	0.89	0.80	ppb
Zirconium	91-1	0.95	0.79	0.85	0.86	9.06	ppb

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:26:26 DataFile Name : 022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.65	18.67	20.33	18.55	9.95	ppb
Antimony	121-1	1.97	1.82	1.97	1.92	4.38	ppb
Arsenic	75-2	0.74	1.31	1.27	1.11	28.83	ppb
Barium	135-1	8.91	9.13	9.38	9.14	2.61	ppb
Barium	137-1	8.96	9.56	9.55	9.36	3.63	ppb
Beryllium	9-1	1.10	0.98	1.09	1.06	6.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	23.73	22.31	26.46	24.17	8.74	ppb
Boron	11-1	24.02	23.64	26.71	24.79	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.77	0.79	1.06	0.87	18.70	ppb
Cadmium	106-1	-0.90	-1.54	-1.11	-1.19		ppb
Cadmium	108-1	1.13	0.61	1.07	0.94	30.14	ppb
Calcium	43-1	428.49	442.86	472.28	447.88	4.98	ppb
Calcium	44-1	410.84	421.27	465.75	432.62	6.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	2.21	1.99	2.02	8.75	ppb
Cobalt	59-2	0.83	1.02	1.05	0.97	12.57	ppb
Copper	63-2	1.81	2.26	2.06	2.05	11.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				90		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	54-2	43.59	54.90	57.31	51.94	14.10	ppb
Iron	56-2	44.98	51.75	53.80	50.18	9.19	ppb
Iron	57-2	40.11	57.82	53.10	50.34	18.21	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:26:26	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.87	1.05	0.92	11.95	ppb
Lead	207-1	0.97	0.93	0.89	0.93	4.30	ppb
Lead	208-1	0.90	0.89	0.95	0.91	3.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	451.32	523.11	533.37	502.60	8.89	ppb
Manganese	55-2	0.77	1.03	0.94	0.91	14.93	ppb
Molybdenum	94-1	6.11	5.89	5.64	5.88	4.03	ppb
Molybdenum	95-1	4.87	4.83	5.16	4.95	3.56	ppb
Molybdenum	96-1	4.92	5.24	5.38	5.18	4.61	ppb
Molybdenum	97-1	5.11	4.91	5.32	5.12	3.97	ppb
Molybdenum	98-1	4.89	5.15	5.08	5.04	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.84	1.21	1.07	18.71	ppb
Phosphorus	31-2	21.24	26.98	22.56	23.59	12.75	ppb
Potassium	39-2	436.48	528.80	532.93	499.40	10.92	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	4.08	5.95	5.25	5.09	18.49	ppb
Selenium	77-2	1.14	5.50	7.53	4.72	69.17	ppb
Selenium	78-2	5.14	5.70	2.86	4.57	32.97	ppb
Silicon	28-1	-0.88	-0.71	0.83	-0.25		ppb
Silver	107-1	0.90	0.97	0.97	0.95	4.20	ppb
Silver	109-1	0.91	0.91	0.98	0.93	3.99	ppb
Sodium	23-2	433.60	508.39	515.72	485.90	9.35	ppb
Strontium	86-1	0.75	1.13	0.92	0.93	20.76	ppb
Strontium	88-1	0.96	0.96	0.98	0.97	1.14	ppb
Sulfur	34-1	-761.61	-344.83	1059.40	-15.68		ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.84	0.92	1.00	0.92	8.54	ppb
Thallium	205-1	0.88	0.86	0.94	0.89	4.42	ppb
Tin	118-1	4.70	4.71	4.99	4.80	3.34	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:26:26	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.71	5.02	5.58	5.10	8.63	ppb
Uranium	238-1	0.89	0.95	0.93	0.92	2.95	ppb
Vanadium	51-2	4.38	4.99	5.16	4.84	8.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	1.90	2.06	2.21	2.06	7.50	ppb
Zirconium	90-1	0.95	1.00	0.94	0.96	3.34	ppb
Zirconium	91-1	1.06	0.77	1.05	0.96	17.00	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41284.35	39962.69	42217.81	41154.95	2.75	ppb
Antimony	121-1	0.33	0.34	0.33	0.33	2.63	ppb
Arsenic	75-2	18.76	18.13	18.59	18.50	1.76	ppb
Barium	135-1	233.94	236.42	233.83	234.73	0.62	ppb
Barium	137-1	240.69	241.63	240.76	241.03	0.22	ppb
Beryllium	9-1	2.34	2.38	2.37	2.36	0.87	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	10-1	16.03	15.97	16.48	16.16	1.74	ppb
Boron	11-1	16.09	16.87	16.67	16.54	2.47	ppb
Bromine	81-1						cps
Cadmium	111-1	1.40	1.15	1.45	1.33	11.83	ppb
Cadmium	106-1	7.27	3.40	6.21	5.63	35.54	ppb
Cadmium	108-1	3.95	3.84	3.39	3.72	8.00	ppb
Calcium	43-1	26931.16	27325.53	27921.66	27392.78	1.82	ppb
Calcium	44-1	28342.75	27613.64	28769.15	28241.85	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.23	91.89	91.76	91.63	0.38	ppb
Cobalt	59-2	44.07	43.59	44.56	44.07	1.10	ppb
Copper	63-2	51.20	50.36	51.04	50.87	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				119		%
Holmium	165-2				115		%
Indium	115-1				120		%
Indium	115-2				111		%
Iron	54-2	95835.04	94035.73	95970.55	95280.44	1.13	ppb
Iron	56-2	97344.72	97097.58	94970.20	96470.83	1.35	ppb
Iron	57-2	99003.05	98100.93	98499.02	98534.34	0.46	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	133.37	128.93	129.59	130.63	1.83	ppb
Lead	207-1	122.71	119.50	123.81	122.01	1.84	ppb
Lead	208-1	126.93	123.91	125.99	125.61	1.23	ppb
Lithium	6-1				127		%
Magnesium	24-2	23489.61	24438.56	24345.39	24091.19	2.17	ppb
Manganese	55-2	1767.65	1771.02	1757.66	1765.44	0.39	ppb
Molybdenum	94-1	50.03	48.35	48.59	48.99	1.85	ppb
Molybdenum	95-1	4.66	4.41	4.60	4.56	2.86	ppb
Molybdenum	96-1	10.66	9.27	9.83	9.92	7.03	ppb
Molybdenum	97-1	4.43	4.43	4.57	4.48	1.82	ppb
Molybdenum	98-1	4.31	4.41	4.23	4.32	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.90	95.29	95.38	94.86	0.88	ppb
Phosphorus	31-2	1735.20	2011.53	1910.47	1885.73	7.41	ppb
Potassium	39-2	3764.56	3809.21	3900.03	3824.60	1.81	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				123		%
Scandium	45-2				118		%
Selenium	82-1	0.58	0.70	-0.42	0.29	213.76	ppb
Selenium	77-2	53.02	79.12	50.67	60.94	25.91	ppb
Selenium	78-2	7.75	7.04	7.42	7.40	4.82	ppb
Silicon	28-1	166.10	231.90	181.73	193.24	17.79	ppb
Silver	107-1	0.28	0.29	0.32	0.30	7.50	ppb
Silver	109-1	0.23	0.22	0.25	0.23	4.93	ppb
Sodium	23-2	369.14	346.63	343.80	353.19	3.93	ppb
Strontium	86-1	61.43	56.49	61.08	59.67	4.62	ppb
Strontium	88-1	61.29	59.10	62.87	61.08	3.10	ppb
Sulfur	34-1	-3586.52	-3260.56	-2955.93	-3267.67		ppb
Terbium	159-1				118		%
Terbium	159-2				113		%
Thallium	203-1	0.52	0.49	0.51	0.51	3.03	ppb
Thallium	205-1	0.53	0.54	0.59	0.55	6.35	ppb
Tin	118-1	5.97	5.26	5.22	5.48	7.65	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	575.87	626.14	604.91	602.31	4.19	ppb
Uranium	238-1	3.25	3.20	3.22	3.22	0.79	ppb
Vanadium	51-2	56.62	58.68	56.23	57.18	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				123		%
Zinc	66-2	709.10	719.48	714.18	714.25	0.73	ppb
Zirconium	90-1	24.28	23.05	23.19	23.51	2.88	ppb
Zirconium	91-1	24.04	23.41	24.41	23.95	2.13	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44140.59	42801.43	43454.68	43465.56	1.54	ppb
Antimony	121-1	0.29	0.33	0.45	0.36	23.40	ppb
Arsenic	75-2	22.15	20.32	20.36	20.94	5.00	ppb
Barium	135-1	245.13	240.36	323.86	269.79	17.38	ppb
Barium	137-1	244.36	238.41	331.16	271.31	19.14	ppb
Beryllium	9-1	2.45	2.34	3.19	2.66	17.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	14.74	15.50	20.83	17.02	19.50	ppb
Boron	11-1	15.45	15.81	20.67	17.31	16.85	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.00	1.60	1.24	25.39	ppb
Cadmium	106-1	4.64	4.24	5.38	4.75	12.26	ppb
Cadmium	108-1	3.22	3.96	4.55	3.91	17.15	ppb
Calcium	43-1	30394.31	28420.99	39226.96	32680.75	17.61	ppb
Calcium	44-1	30465.91	29932.32	39644.77	33347.66	16.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.66	102.02	102.93	102.87	0.80	ppb
Cobalt	59-2	45.43	44.86	44.05	44.78	1.54	ppb
Copper	63-2	54.88	53.78	54.95	54.53	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	96400.32	101037.93	99321.39	98919.88	2.37	ppb
Iron	56-2	96968.15	95436.48	96675.94	96360.19	0.84	ppb
Iron	57-2	100970.45	98238.13	98802.10	99336.89	1.45	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	168.27	164.36	213.36	182.00	14.96	ppb
Lead	207-1	160.40	154.29	203.46	172.71	15.52	ppb
Lead	208-1	162.03	159.12	208.69	176.61	15.75	ppb
Lithium	6-1				114		%
Magnesium	24-2	24763.81	24084.33	24653.28	24500.47	1.49	ppb
Manganese	55-2	1917.83	1909.79	1889.39	1905.67	0.77	ppb
Molybdenum	94-1	46.32	47.95	65.15	53.14	19.63	ppb
Molybdenum	95-1	4.30	4.24	5.90	4.82	19.54	ppb
Molybdenum	96-1	9.35	9.99	13.68	11.01	21.24	ppb
Molybdenum	97-1	4.32	4.41	6.32	5.02	22.57	ppb
Molybdenum	98-1	4.35	4.32	5.69	4.79	16.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.91	97.11	96.77	97.26	0.60	ppb
Phosphorus	31-2	1763.99	2073.02	1892.23	1909.75	8.13	ppb
Potassium	39-2	3857.63	3781.58	3820.87	3820.03	1.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	0.66	0.05	0.08	0.26	130.15	ppb
Selenium	77-2	66.31	62.65	64.10	64.35	2.86	ppb
Selenium	78-2	4.73	8.52	5.94	6.40	30.25	ppb
Silicon	28-1	305.59	227.27	421.90	318.25	30.77	ppb
Silver	107-1	0.22	0.21	0.35	0.26	30.18	ppb
Silver	109-1	0.23	0.20	0.28	0.24	17.73	ppb
Sodium	23-2	323.15	340.01	330.92	331.36	2.55	ppb
Strontium	86-1	58.67	62.91	83.18	68.25	19.19	ppb
Strontium	88-1	62.63	63.52	81.34	69.16	15.26	ppb
Sulfur	34-1	-3505.18	-3991.19	304.00	-2397.46		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.34	0.40	0.54	0.43	23.42	ppb
Thallium	205-1	0.39	0.39	0.50	0.43	14.14	ppb
Tin	118-1	4.85	4.22	6.14	5.07	19.22	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	678.24	640.47	885.55	734.75	17.96	ppb
Uranium	238-1	3.27	3.27	4.30	3.61	16.43	ppb
Vanadium	51-2	63.20	62.50	62.27	62.66	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				120		%
Zinc	66-2	676.64	672.64	674.62	674.63	0.30	ppb
Zirconium	90-1	22.39	22.47	30.72	25.19	19.00	ppb
Zirconium	91-1	21.95	22.77	30.40	25.04	18.62	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7847.87	7732.29	7585.53	7721.90	1.70	ppb
Antimony	121-1	0.12	0.06	0.09	0.09	31.54	ppb
Arsenic	75-2	3.64	3.55	3.66	3.62	1.61	ppb
Barium	135-1	45.60	43.90	49.84	46.44	6.59	ppb
Barium	137-1	48.27	46.02	48.36	47.55	2.78	ppb
Beryllium	9-1	0.53	0.48	0.60	0.54	11.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	13.42	12.72	12.74	12.96	3.08	ppb
Boron	11-1	13.87	12.29	13.99	13.38	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.14	0.26	0.19	31.33	ppb
Cadmium	106-1	-1.80	-0.95	-0.26	-1.00		ppb
Cadmium	108-1	0.92	1.07	0.74	0.91	18.10	ppb
Calcium	43-1	5608.88	5342.74	5681.63	5544.42	3.22	ppb
Calcium	44-1	5892.92	5284.53	5668.49	5615.31	5.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.04	18.30	18.52	18.62	2.04	ppb
Cobalt	59-2	9.25	8.71	8.82	8.93	3.19	ppb
Copper	63-2	10.69	9.86	10.56	10.37	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	18504.59	17769.99	18219.80	18164.79	2.04	ppb
Iron	56-2	18786.67	18689.59	18804.74	18760.33	0.33	ppb
Iron	57-2	18019.88	17920.56	18094.94	18011.80	0.49	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.86	25.52	26.91	26.10	2.79	ppb
Lead	207-1	25.46	23.99	24.84	24.76	2.99	ppb
Lead	208-1	25.49	24.52	25.90	25.30	2.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	4739.28	4600.01	4696.68	4678.66	1.53	ppb
Manganese	55-2	354.65	351.25	347.48	351.13	1.02	ppb
Molybdenum	94-1	10.60	9.55	10.05	10.07	5.25	ppb
Molybdenum	95-1	1.12	0.84	1.01	0.99	14.39	ppb
Molybdenum	96-1	2.21	2.09	2.27	2.19	4.11	ppb
Molybdenum	97-1	1.00	1.09	1.06	1.05	4.31	ppb
Molybdenum	98-1	1.07	0.90	0.98	0.98	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.81	19.79	18.98	19.53	2.44	ppb
Phosphorus	31-2	402.35	374.27	409.82	395.48	4.74	ppb
Potassium	39-2	783.22	752.29	745.92	760.48	2.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-1.91	-1.02	-0.85	-1.26		ppb
Selenium	77-2	9.54	9.71	14.94	11.40	26.92	ppb
Selenium	78-2	-1.45	1.87	-0.35	0.02	6907.88	ppb
Silicon	28-1	41.52	27.78	37.75	35.68	19.90	ppb
Silver	107-1	0.05	0.06	0.04	0.05	20.67	ppb
Silver	109-1	0.06	0.05	0.07	0.06	14.75	ppb
Sodium	23-2	71.78	63.29	63.89	66.32	7.14	ppb
Strontium	86-1	13.00	11.92	12.64	12.52	4.40	ppb
Strontium	88-1	12.57	11.97	12.79	12.44	3.43	ppb
Sulfur	34-1	-2252.12	-2949.30	-2049.67	-2417.03		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.09	0.09	0.12	43.34	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	7.08	ppb
Tin	118-1	1.24	1.12	1.32	1.22	8.26	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	121.92	117.77	120.25	119.98	1.74	ppb
Uranium	238-1	0.64	0.62	0.65	0.64	2.51	ppb
Vanadium	51-2	11.64	11.10	11.01	11.25	3.01	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	146.83	145.94	146.97	146.58	0.38	ppb
Zirconium	90-1	5.23	4.93	4.83	5.00	4.21	ppb
Zirconium	91-1	5.30	4.33	5.01	4.88	10.17	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62364.06	56870.67	56371.98	58535.57	5.68	ppb
Antimony	121-1	487.02	494.63	482.42	488.02	1.26	ppb
Arsenic	75-2	602.41	556.17	552.55	570.38	4.87	ppb
Barium	135-1	2790.91	3003.12	2814.22	2869.41	4.06	ppb
Barium	137-1	2702.99	3023.58	2785.68	2837.42	5.87	ppb
Beryllium	9-1	574.79	568.99	543.24	562.34	2.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	210.68	231.26	226.02	222.65	4.80	ppb
Boron	11-1	213.29	228.34	229.26	223.63	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	568.09	586.15	559.30	571.18	2.40	ppb
Cadmium	106-1	569.09	599.32	571.57	580.00	2.89	ppb
Cadmium	108-1	569.64	583.03	553.60	568.76	2.59	ppb
Calcium	43-1	64876.04	65104.43	65596.75	65192.41	0.56	ppb
Calcium	44-1	67381.76	65773.30	66486.68	66547.25	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	751.58	668.94	657.34	692.62	7.42	ppb
Cobalt	59-2	640.33	585.13	571.50	598.99	6.08	ppb
Copper	63-2	6087.45	5500.97	5553.97	5714.13	5.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	151193.61	138509.22	137532.48	142411.77	5.35	ppb
Iron	56-2	145914.28	136882.76	133523.74	138773.59	4.62	ppb
Iron	57-2	153549.07	138782.71	134726.71	142352.83	6.96	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3027.71	2845.96	2947.14	2940.27	3.10	ppb
Lead	207-1	3086.27	2825.54	2934.98	2948.93	4.44	ppb
Lead	208-1	2995.43	2872.34	2917.03	2928.27	2.13	ppb
Lithium	6-1				111		%
Magnesium	24-2	77839.58	69850.48	70887.19	72859.08	5.96	ppb
Manganese	55-2	8913.57	8211.81	7987.72	8371.03	5.77	ppb
Molybdenum	94-1	2810.46	3087.66	2965.08	2954.40	4.70	ppb
Molybdenum	95-1	2276.10	2407.82	2374.15	2352.69	2.91	ppb
Molybdenum	96-1	2379.87	2378.99	2442.64	2400.50	1.52	ppb
Molybdenum	97-1	2267.58	2419.16	2405.78	2364.18	3.55	ppb
Molybdenum	98-1	2268.66	2322.03	2345.59	2312.09	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	728.07	660.77	651.64	680.16	6.14	ppb
Phosphorus	31-2	2743.40	2362.13	2476.16	2527.23	7.74	ppb
Potassium	39-2	33057.90	30495.88	29498.15	31017.31	5.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	524.23	530.83	541.44	532.17	1.63	ppb
Selenium	77-2	676.57	559.36	561.99	599.31	11.17	ppb
Selenium	78-2	585.39	539.73	538.39	554.51	4.83	ppb
Silicon	28-1	217.75	243.24	221.30	227.43	6.07	ppb
Silver	107-1	450.95	469.30	453.67	457.97	2.16	ppb
Silver	109-1	478.37	468.60	445.16	464.04	3.68	ppb
Sodium	23-2	54655.59	51874.56	49967.23	52165.80	4.52	ppb
Strontium	86-1	579.48	582.85	591.47	584.60	1.06	ppb
Strontium	88-1	614.43	572.54	602.37	596.45	3.62	ppb
Sulfur	34-1	-1256.10	-1135.65	-1012.59	-1134.78		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	551.27	513.75	541.15	535.39	3.62	ppb
Thallium	205-1	568.98	552.07	545.33	555.46	2.19	ppb
Tin	118-1	506.21	522.89	496.98	508.70	2.58	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3360.96	3374.11	3398.12	3377.73	0.56	ppb
Uranium	238-1	588.60	591.79	584.88	588.42	0.59	ppb
Vanadium	51-2	698.23	634.11	621.16	651.17	6.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	6765.24	6164.90	6077.07	6335.74	5.91	ppb
Zirconium	90-1	516.26	536.60	528.93	527.26	1.95	ppb
Zirconium	91-1	501.20	522.35	515.97	513.17	2.11	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51100.07	53899.36	58471.58	54490.34	6.83	ppb
Antimony	121-1	474.91	478.58	477.54	477.01	0.40	ppb
Arsenic	75-2	537.78	551.08	582.42	557.09	4.11	ppb
Barium	135-1	2675.73	2838.33	2940.00	2818.02	4.73	ppb
Barium	137-1	2675.26	2760.85	2838.77	2758.29	2.97	ppb
Beryllium	9-1	576.26	554.01	565.46	565.24	1.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	238.37	248.34	260.90	249.20	4.53	ppb
Boron	11-1	246.55	239.37	260.47	248.80	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	547.54	549.92	567.28	554.91	1.94	ppb
Cadmium	106-1	533.38	564.49	552.95	550.27	2.86	ppb
Cadmium	108-1	537.48	544.33	570.63	550.81	3.18	ppb
Calcium	43-1	83929.14	89484.66	83893.58	85769.13	3.75	ppb
Calcium	44-1	85878.69	88257.79	88946.88	87694.45	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	618.89	629.06	688.06	645.34	5.79	ppb
Cobalt	59-2	546.08	566.02	607.58	573.23	5.47	ppb
Copper	63-2	5243.23	5416.37	5837.49	5499.03	5.56	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				105		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	118865.58	124412.80	136127.39	126468.59	6.97	ppb
Iron	56-2	120388.68	121309.53	135473.73	125723.98	6.73	ppb
Iron	57-2	122489.60	125719.21	134835.20	127681.34	5.01	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2987.27	2943.12	2787.91	2906.10	3.60	ppb
Lead	207-1	2879.10	2984.54	2718.69	2860.78	4.68	ppb
Lead	208-1	2893.17	2913.70	2763.73	2856.87	2.85	ppb
Lithium	6-1				110		%
Magnesium	24-2	73183.79	76275.89	84516.99	77992.23	7.51	ppb
Manganese	55-2	7342.97	7386.93	8364.47	7698.12	7.50	ppb
Molybdenum	94-1	3112.99	2903.54	2941.75	2986.09	3.74	ppb
Molybdenum	95-1	2504.41	2378.54	2386.25	2423.07	2.91	ppb
Molybdenum	96-1	2531.37	2465.02	2412.05	2469.48	2.42	ppb
Molybdenum	97-1	2459.70	2370.60	2322.60	2384.30	2.92	ppb
Molybdenum	98-1	2460.67	2333.25	2283.00	2358.97	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	616.52	633.05	682.59	644.05	5.34	ppb
Phosphorus	31-2	1995.08	1946.83	2157.13	2033.01	5.42	ppb
Potassium	39-2	28975.37	29823.69	31860.05	30219.71	4.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	550.73	538.32	522.78	537.28	2.61	ppb
Selenium	77-2	630.43	624.73	646.94	634.03	1.82	ppb
Selenium	78-2	533.92	544.52	553.88	544.11	1.83	ppb
Silicon	28-1	277.70	272.16	225.53	258.46	11.09	ppb
Silver	107-1	436.59	449.19	464.59	450.12	3.11	ppb
Silver	109-1	457.76	463.86	461.28	460.97	0.66	ppb
Sodium	23-2	48080.08	49549.09	52851.63	50160.27	4.87	ppb
Strontium	86-1	594.31	577.52	570.90	580.91	2.08	ppb
Strontium	88-1	601.98	599.90	598.99	600.29	0.26	ppb
Sulfur	34-1	-1740.81	-813.91	-1303.57	-1286.09		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	529.27	533.36	512.00	524.88	2.16	ppb
Thallium	205-1	572.86	573.85	523.60	556.77	5.16	ppb
Tin	118-1	478.64	476.90	492.48	482.67	1.77	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3215.11	3341.16	3289.32	3281.87	1.93	ppb
Uranium	238-1	592.46	579.85	568.68	580.33	2.05	ppb
Vanadium	51-2	582.64	600.60	650.59	611.27	5.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	5621.32	5880.12	6348.10	5949.85	6.19	ppb
Zirconium	90-1	533.64	517.18	520.57	523.80	1.66	ppb
Zirconium	91-1	527.40	505.34	501.54	511.43	2.73	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55882.12	54085.21	55328.51	55098.61	1.67	ppb
Antimony	121-1	484.83	495.12	457.49	479.15	4.06	ppb
Arsenic	75-2	547.80	556.74	543.47	549.34	1.23	ppb
Barium	135-1	2948.10	2801.21	2642.96	2797.42	5.46	ppb
Barium	137-1	2900.20	2787.11	2668.21	2785.17	4.17	ppb
Beryllium	9-1	548.98	559.42	578.37	562.26	2.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	235.38	251.04	275.22	253.88	7.90	ppb
Boron	11-1	237.31	261.07	270.15	256.18	6.62	ppb
Bromine	81-1						cps
Cadmium	111-1	571.37	553.77	528.72	551.29	3.89	ppb
Cadmium	106-1	558.02	566.04	551.96	558.67	1.26	ppb
Cadmium	108-1	560.02	554.19	523.24	545.82	3.62	ppb
Calcium	43-1	73962.55	76422.31	77522.61	75969.16	2.40	ppb
Calcium	44-1	77659.68	74901.53	76882.87	76481.36	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	648.50	632.57	643.85	641.64	1.28	ppb
Cobalt	59-2	578.10	550.04	563.97	564.04	2.49	ppb
Copper	63-2	5427.19	5355.81	5384.05	5389.02	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	127253.70	128072.03	129275.35	128200.36	0.79	ppb
Iron	56-2	128923.13	127023.48	123506.20	126484.27	2.17	ppb
Iron	57-2	131931.72	125626.93	130104.03	129220.89	2.51	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2819.65	2941.74	2863.72	2875.04	2.15	ppb
Lead	207-1	2792.66	2937.38	2774.40	2834.81	3.15	ppb
Lead	208-1	2821.66	2931.17	2772.39	2841.74	2.86	ppb
Lithium	6-1				111		%
Magnesium	24-2	74266.05	74088.03	75669.90	74674.66	1.16	ppb
Manganese	55-2	7662.50	7673.79	7615.16	7650.48	0.41	ppb
Molybdenum	94-1	2970.65	2829.78	2892.92	2897.78	2.44	ppb
Molybdenum	95-1	2369.52	2295.02	2380.48	2348.34	1.98	ppb
Molybdenum	96-1	2419.38	2348.86	2483.39	2417.21	2.78	ppb
Molybdenum	97-1	2374.96	2313.84	2439.40	2376.07	2.64	ppb
Molybdenum	98-1	2265.00	2275.95	2443.59	2328.18	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	641.00	630.18	627.33	632.84	1.14	ppb
Phosphorus	31-2	2092.07	2022.12	2071.71	2061.97	1.74	ppb
Potassium	39-2	30751.51	28359.82	28345.37	29152.23	4.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	525.11	517.28	536.55	526.31	1.84	ppb
Selenium	77-2	621.71	529.29	508.67	553.22	10.88	ppb
Selenium	78-2	529.43	531.31	534.06	531.60	0.44	ppb
Silicon	28-1	228.35	245.34	256.69	243.46	5.86	ppb
Silver	107-1	472.35	447.30	427.71	449.12	4.98	ppb
Silver	109-1	475.52	486.42	445.59	469.18	4.51	ppb
Sodium	23-2	51281.83	49200.41	49798.52	50093.59	2.14	ppb
Strontium	86-1	582.62	560.26	606.02	582.97	3.93	ppb
Strontium	88-1	580.22	590.09	611.82	594.04	2.72	ppb
Sulfur	34-1	-1498.66	-1106.03	-746.11	-1116.93		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	537.56	528.45	515.80	527.27	2.07	ppb
Thallium	205-1	559.66	557.02	535.97	550.88	2.36	ppb
Tin	118-1	504.30	498.76	474.81	492.62	3.18	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3496.82	3260.74	3238.60	3332.06	4.30	ppb
Uranium	238-1	592.76	585.42	578.86	585.68	1.19	ppb
Vanadium	51-2	626.45	598.44	601.55	608.81	2.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	6108.81	5678.98	5885.99	5891.26	3.65	ppb
Zirconium	90-1	520.37	523.70	527.25	523.78	0.66	ppb
Zirconium	91-1	516.27	507.38	513.72	512.46	0.89	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42281.91	41987.20	46886.54	43718.55	6.28	ppb
Antimony	121-1	0.48	0.55	0.57	0.54	9.01	ppb
Arsenic	75-2	18.23	19.41	21.66	19.77	8.81	ppb
Barium	135-1	240.60	227.51	238.80	235.64	3.01	ppb
Barium	137-1	248.81	225.11	243.38	239.10	5.19	ppb
Beryllium	9-1	2.89	2.80	3.05	2.91	4.25	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	35.84	34.16	36.48	35.49	3.39	ppb
Boron	11-1	35.73	34.41	36.11	35.42	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	1.57	1.42	1.93	1.64	16.14	ppb
Cadmium	106-1	8.34	2.62	4.55	5.17	56.28	ppb
Cadmium	108-1	4.33	4.59	3.24	4.05	17.75	ppb
Calcium	43-1	27703.13	27805.21	29478.48	28328.94	3.52	ppb
Calcium	44-1	28799.25	28451.35	29965.06	29071.89	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.72	89.58	105.17	96.16	8.40	ppb
Cobalt	59-2	44.61	43.76	49.87	46.08	7.19	ppb
Copper	63-2	52.70	51.35	58.74	54.27	7.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				117		%
Indium	115-2				106		%
Iron	54-2	97110.33	95268.99	108760.93	100380.08	7.29	ppb
Iron	56-2	98409.92	93911.95	105947.21	99423.03	6.12	ppb
Iron	57-2	100301.50	96363.74	109529.89	102065.04	6.62	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	130.99	133.61	139.53	134.71	3.25	ppb
Lead	207-1	125.29	124.33	130.47	126.70	2.61	ppb
Lead	208-1	126.97	127.29	133.68	129.31	2.93	ppb
Lithium	6-1				120		%
Magnesium	24-2	25000.40	24810.11	27660.10	25823.54	6.17	ppb
Manganese	55-2	1787.43	1747.40	1953.01	1829.28	5.96	ppb
Molybdenum	94-1	50.99	49.87	50.24	50.37	1.13	ppb
Molybdenum	95-1	5.39	5.22	5.40	5.34	1.88	ppb
Molybdenum	96-1	11.56	11.28	11.24	11.36	1.54	ppb
Molybdenum	97-1	5.46	5.54	5.56	5.52	0.96	ppb
Molybdenum	98-1	5.23	5.31	4.97	5.17	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.87	93.86	109.13	99.62	8.33	ppb
Phosphorus	31-2	1761.34	1866.85	2201.32	1943.17	11.82	ppb
Potassium	39-2	3812.29	3699.98	4252.70	3921.66	7.45	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				119		%
Scandium	45-2				112		%
Selenium	82-1	0.68	0.50	1.24	0.81	47.78	ppb
Selenium	77-2	51.09	61.37	59.11	57.19	9.45	ppb
Selenium	78-2	6.55	7.15	8.22	7.31	11.58	ppb
Silicon	28-1	198.49	239.10	177.71	205.10	15.23	ppb
Silver	107-1	0.41	0.46	0.41	0.43	6.19	ppb
Silver	109-1	0.43	0.41	0.42	0.42	2.24	ppb
Sodium	23-2	363.94	352.13	444.88	386.98	13.05	ppb
Strontium	86-1	63.08	60.33	62.77	62.06	2.43	ppb
Strontium	88-1	62.53	60.91	62.37	61.94	1.44	ppb
Sulfur	34-1	-3152.23	-3153.03	-2432.93	-2912.73		ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.68	0.69	0.80	0.73	9.41	ppb
Thallium	205-1	0.70	0.69	0.74	0.71	3.87	ppb
Tin	118-1	5.84	5.19	5.74	5.59	6.30	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	590.01	588.52	628.42	602.32	3.75	ppb
Uranium	238-1	3.30	3.43	3.57	3.43	3.91	ppb
Vanadium	51-2	59.73	57.93	66.26	61.31	7.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				116		%
Zinc	66-2	744.66	723.14	826.58	764.79	7.14	ppb
Zirconium	90-1	23.54	23.17	24.49	23.73	2.87	ppb
Zirconium	91-1	23.75	24.02	25.37	24.38	3.58	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8035.53	8113.30	8054.94	8067.92	0.50	ppb
Antimony	121-1	0.11	0.17	0.14	0.14	21.91	ppb
Arsenic	75-2	4.42	4.09	4.31	4.27	3.90	ppb
Barium	135-1	48.57	48.41	46.47	47.82	2.44	ppb
Barium	137-1	48.88	49.09	46.83	48.27	2.59	ppb
Beryllium	9-1	0.64	0.63	0.62	0.63	1.72	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	23.69	24.12	24.09	23.97	1.01	ppb
Boron	11-1	24.08	23.65	23.48	23.74	1.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.19	0.36	0.23	50.67	ppb
Cadmium	106-1	-3.91	-1.27	-0.78	-1.99		ppb
Cadmium	108-1	0.78	1.38	0.74	0.97	36.95	ppb
Calcium	43-1	5667.42	5591.11	5589.41	5615.98	0.79	ppb
Calcium	44-1	5819.72	5498.23	5804.93	5707.63	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.31	19.36	18.80	19.16	1.61	ppb
Cobalt	59-2	9.29	9.17	9.17	9.21	0.73	ppb
Copper	63-2	10.49	10.86	10.91	10.75	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	18891.10	19269.02	18958.37	19039.50	1.06	ppb
Iron	56-2	19127.27	19593.76	19660.39	19460.47	1.49	ppb
Iron	57-2	18991.87	18562.36	18631.98	18728.74	1.23	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.59	25.93	27.67	26.73	3.29	ppb
Lead	207-1	26.03	24.17	26.16	25.45	4.38	ppb
Lead	208-1	25.77	24.95	26.48	25.73	2.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	4876.47	5034.13	4994.46	4968.35	1.65	ppb
Manganese	55-2	364.80	366.97	365.01	365.59	0.33	ppb
Molybdenum	94-1	10.24	10.61	11.43	10.76	5.67	ppb
Molybdenum	95-1	1.08	1.03	1.16	1.09	5.94	ppb
Molybdenum	96-1	2.19	2.40	2.42	2.34	5.55	ppb
Molybdenum	97-1	0.99	1.27	1.08	1.11	12.60	ppb
Molybdenum	98-1	1.03	1.22	1.16	1.14	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.61	19.79	20.11	19.83	1.28	ppb
Phosphorus	31-2	320.60	325.44	353.07	333.04	5.26	ppb
Potassium	39-2	751.34	773.80	803.60	776.25	3.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.36	0.53	-0.04	0.05	993.90	ppb
Selenium	77-2	2.90	6.55	20.58	10.01	93.22	ppb
Selenium	78-2	3.14	1.73	2.21	2.36	30.46	ppb
Silicon	28-1	44.33	42.49	25.91	37.58	27.00	ppb
Silver	107-1	0.10	0.13	0.08	0.10	22.70	ppb
Silver	109-1	0.10	0.07	0.08	0.08	18.81	ppb
Sodium	23-2	66.55	69.41	74.04	70.00	5.40	ppb
Strontium	86-1	12.07	12.78	12.39	12.41	2.88	ppb
Strontium	88-1	12.81	13.10	12.74	12.88	1.50	ppb
Sulfur	34-1	-2771.94	-2622.03	-2777.41	-2723.79		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.18	0.19	0.22	0.20	10.95	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	2.98	ppb
Tin	118-1	1.09	1.16	1.19	1.15	4.84	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	120.69	121.55	121.32	121.19	0.37	ppb
Uranium	238-1	0.70	0.59	0.71	0.67	9.74	ppb
Vanadium	51-2	12.08	12.00	12.32	12.13	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	150.02	154.89	150.32	151.74	1.80	ppb
Zirconium	90-1	4.93	5.37	4.92	5.07	5.05	ppb
Zirconium	91-1	4.89	4.90	5.05	4.95	1.85	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:58:21	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51023.94	53152.88	51178.51	51785.11	2.29	ppb
Antimony	121-1	483.61	482.48	467.09	477.73	1.93	ppb
Arsenic	75-2	489.91	481.20	478.27	483.13	1.25	ppb
Barium	135-1	2554.75	2536.18	2408.09	2499.67	3.19	ppb
Barium	137-1	2600.09	2568.80	2431.89	2533.59	3.53	ppb
Beryllium	9-1	489.56	495.71	480.45	488.57	1.57	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	599.89	654.35	673.36	642.54	5.93	ppb
Boron	11-1	604.61	661.38	674.74	646.91	5.76	ppb
Bromine	81-1						cps
Cadmium	111-1	497.21	489.57	467.15	484.64	3.22	ppb
Cadmium	106-1	497.98	492.60	484.64	491.74	1.37	ppb
Cadmium	108-1	487.05	484.72	471.97	481.25	1.69	ppb
Calcium	43-1	250180.99	244305.29	243044.04	245843.44	1.55	ppb
Calcium	44-1	240490.03	233515.47	241222.11	238409.21	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.01	474.69	479.99	480.90	1.39	ppb
Cobalt	59-2	456.22	458.20	456.70	457.04	0.23	ppb
Copper	63-2	5040.74	4962.28	5060.92	5021.32	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	130134.88	129732.44	126473.21	128780.18	1.56	ppb
Iron	56-2	124737.27	128712.25	125590.56	126346.69	1.66	ppb
Iron	57-2	127603.67	130394.81	129100.34	129032.94	1.08	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:58:21	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2511.03	2610.22	2636.45	2585.90	2.56	ppb
Lead	207-1	2567.66	2559.39	2512.12	2546.39	1.18	ppb
Lead	208-1	2560.44	2577.58	2550.85	2562.96	0.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	251193.69	254958.55	248798.34	251650.19	1.23	ppb
Manganese	55-2	5013.48	5080.10	4838.46	4977.35	2.51	ppb
Molybdenum	94-1	5357.33	5540.49	5565.61	5487.81	2.07	ppb
Molybdenum	95-1	5263.96	5513.43	5497.10	5424.83	2.57	ppb
Molybdenum	96-1	5518.02	5551.28	5469.75	5513.01	0.74	ppb
Molybdenum	97-1	5514.75	5476.48	5466.02	5485.75	0.47	ppb
Molybdenum	98-1	5352.66	5450.50	5478.49	5427.22	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.27	484.94	491.94	490.39	0.99	ppb
Phosphorus	31-2	10391.83	9725.12	9565.41	9894.12	4.43	ppb
Potassium	39-2	125557.94	123580.37	126414.13	125184.15	1.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	485.25	493.45	479.95	486.22	1.40	ppb
Selenium	77-2	483.36	489.03	510.60	494.33	2.91	ppb
Selenium	78-2	471.85	479.58	487.77	479.73	1.66	ppb
Silicon	28-1	755.68	744.65	714.71	738.35	2.87	ppb
Silver	107-1	499.96	495.27	482.97	492.73	1.78	ppb
Silver	109-1	487.13	497.62	480.57	488.44	1.76	ppb
Sodium	23-2	249006.80	249250.79	251137.75	249798.44	0.47	ppb
Strontium	86-1	4910.74	5069.79	4817.96	4932.83	2.58	ppb
Strontium	88-1	4824.23	4904.07	4834.40	4854.23	0.90	ppb
Sulfur	34-1	10293.86	10269.60	9124.48	9895.98	6.75	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	487.28	477.61	489.19	484.69	1.28	ppb
Thallium	205-1	507.81	524.37	507.19	513.12	1.90	ppb
Tin	118-1	492.68	498.17	478.58	489.81	2.06	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:58:21	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5391.26	5601.32	5277.32	5423.30	3.03	ppb
Uranium	238-1	538.78	535.91	535.43	536.71	0.34	ppb
Vanadium	51-2	485.16	490.77	490.02	488.65	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	4706.41	4770.56	4741.16	4739.38	0.68	ppb
Zirconium	90-1	497.34	512.20	516.74	508.76	1.99	ppb
Zirconium	91-1	487.54	498.24	493.16	492.98	1.09	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 16:07:20	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.15	1.00	0.12	621.98	ppb
Antimony	121-1	0.05	0.09	0.07	0.07	30.44	ppb
Arsenic	75-2	-0.04	-0.03	0.00	-0.02		ppb
Barium	135-1	0.03	-0.03	0.03	0.01	292.84	ppb
Barium	137-1	0.02	0.02	0.03	0.03	18.27	ppb
Beryllium	9-1	0.08	0.05	0.08	0.07	18.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	30.29	28.95	28.66	29.30	2.97	ppb
Boron	11-1	29.93	28.26	30.27	29.49	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.05	-0.16	-0.09		ppb
Cadmium	106-1	-2.37	-1.84	-4.87	-3.02		ppb
Cadmium	108-1	-0.03	0.13	0.14	0.08	118.81	ppb
Calcium	43-1	-2.86	-3.10	-5.57	-3.84		ppb
Calcium	44-1	-19.78	-16.96	-20.78	-19.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.03	-0.08	0.01	697.17	ppb
Cobalt	59-2	0.02	-0.01	0.01	0.01	171.47	ppb
Copper	63-2	0.06	0.09	0.03	0.06	45.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	2.09	-0.44	3.60	1.75	116.84	ppb
Iron	56-2	0.63	1.52	1.58	1.24	43.07	ppb
Iron	57-2	4.03	1.42	1.44	2.30	65.36	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 16:07:20	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.04	0.00	0.04	103.82	ppb
Lead	207-1	0.09	0.09	0.05	0.08	28.73	ppb
Lead	208-1	0.06	0.07	0.04	0.06	24.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	-2.47	-0.56	0.45	-0.86		ppb
Manganese	55-2	0.01	0.03	0.05	0.03	60.27	ppb
Molybdenum	94-1	0.18	0.11	0.06	0.12	49.90	ppb
Molybdenum	95-1	0.18	0.08	0.06	0.11	61.67	ppb
Molybdenum	96-1	0.18	0.13	0.11	0.14	28.37	ppb
Molybdenum	97-1	0.13	0.12	0.11	0.12	4.86	ppb
Molybdenum	98-1	0.12	0.12	0.05	0.09	43.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.03	0.03	34.72	ppb
Phosphorus	31-2	18.01	-2.60	-25.17	-3.25		ppb
Potassium	39-2	0.20	-6.24	-5.55	-3.86		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.42	-2.15	0.01	-0.57		ppb
Selenium	77-2	3.14	-0.59	-0.59	0.66	328.44	ppb
Selenium	78-2	1.94	1.01	-2.32	0.21	1070.75	ppb
Silicon	28-1	-1.81	-1.38	-2.02	-1.74		ppb
Silver	107-1	0.02	0.01	0.01	0.01	51.17	ppb
Silver	109-1	0.02	0.04	0.01	0.02	64.00	ppb
Sodium	23-2	2.52	-2.85	0.86	0.18	1540.85	ppb
Strontium	86-1	-0.01	-0.03	-0.03	-0.02		ppb
Strontium	88-1	0.03	0.01	0.03	0.02	31.63	ppb
Sulfur	34-1	-78.85	-34.16	-309.04	-140.68		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.00	0.04	0.03	71.65	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	28.51	ppb
Tin	118-1	-0.01	0.02	-0.04	-0.01		ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 16:07:20	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.04	-0.10	-0.04		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	93.97	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	99.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.05	-0.09	0.06	0.01	1223.20	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.69	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	79.74	ppb

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	102	106	107	4.72	cps
Antimony	121-1	8	25	33	22	57.29	cps
Arsenic	75-2	7	6	12	8	38.57	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	8	17	33	19	65.47	cps
Beryllium	9-1	50	30	38	39	25.60	cps
Bismuth	209-1	2121201	2131276	2059298	2103925	1.85	cps
Bismuth	209-2	1244015	1233435	1228472	1235307	0.64	cps
Boron	10-1	286	228	262	259	11.27	cps
Boron	11-1	1118	1188	1200	1168	3.79	cps
Bromine	81-1	16617	16888	16447	16651	1.34	cps
Cadmium	111-1	274	273	250	266	5.08	cps
Cadmium	106-1	1233	1325	1092	1217	9.66	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Calcium	43-1	225	212	237	225	5.55	cps
Calcium	44-1	22412	22181	22790	22461	1.37	cps
Carbon	12-1	4465703	4438640	4507196	4470513	0.77	cps
Carbon	12-2	44644	43415	45823	44627	2.70	cps
Chlorine	35-1	524702	528212	515841	522918	1.22	cps
Chlorine	35-2	3942	3350	4201	3831	11.38	cps
Chromium	52-2	573	517	540	543	5.24	cps
Cobalt	59-2	80	60	50	63	24.12	cps
Copper	63-2	343	403	370	372	8.08	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	33	13	33	27	43.31	cps
Holmium	165-1	3511278	3596128	3513937	3540448	1.36	cps
Holmium	165-2	1890534	1883261	1863396	1879064	0.75	cps
Indium	115-1	3252213	3281467	3265429	3266370	0.45	cps
Indium	115-2	557777	554377	557441	556531	0.34	cps
Iron	54-2	550	472	522	515	7.66	cps
Iron	56-2	2856	3256	3451	3187	9.51	cps
Iron	57-2	189	194	222	202	8.85	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	593	660	641	6.50	cps
Lead	206-1	317	328	278	307	8.54	cps
Lead	207-1	206	283	211	233	18.60	cps
Lead	208-1	1189	1345	1150	1228	8.38	cps
Lithium	6-1	1497660	1499611	1546760	1514677	1.84	cps
Magnesium	24-2	700	717	675	697	3.01	cps
Manganese	55-2	73	37	57	56	33.04	cps
Molybdenum	94-1	158	133	142	144	8.81	cps
Molybdenum	95-1	42	50	25	39	32.73	cps
Molybdenum	96-1	50	100	83	78	32.73	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	25	50	75	50	50.00	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	110	113	70	98	24.66	cps
Phosphorus	31-2	75	125	33	78	59.01	cps
Potassium	39-2	18421	17695	17603	17906	2.50	cps
Rhodium	103-1	3308883	3168449	3210502	3229278	2.23	cps
Rhodium	103-2	1627428	1619510	1614213	1620383	0.41	cps
Scandium	45-1	2677121	2591509	2518206	2595612	3.06	cps
Scandium	45-2	91352	91718	91399	91490	0.22	cps
Selenium	82-1	63	76	12	50	67.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	62	69	71	67	7.02	cps
Silicon	28-1	687277	692141	679957	686458	0.89	cps
Silver	107-1	33	25	33	31	15.74	cps
Silver	109-1	50	33	67	50	33.34	cps
Sodium	23-2	15225	16543	16385	16051	4.48	cps
Strontium	86-1	1233	1250	958	1147	14.28	cps
Strontium	88-1	233	175	83	164	46.14	cps
Sulfur	34-1	286973	282728	284048	284583	0.76	cps
Terbium	159-1	3807274	3816540	3722940	3782251	1.36	cps
Terbium	159-2	1849062	1860760	1891032	1866951	1.16	cps
Thallium	203-1	167	225	175	189	16.70	cps
Thallium	205-1	367	367	458	397	13.32	cps
Tin	118-1	442	592	692	575	21.88	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:01:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	192	250	231	14.61	cps
Uranium	238-1	25	0	25	17	86.60	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	0	33	8	14	124.91	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	392	558	300	417	31.43	cps
Ytterbium	176-2	1833	1928	2056	1939	5.75	cps
Yttrium	89-1	5272650	5268917	5172258	5237941	1.09	cps
Yttrium	89-2	590719	589862	607187	595923	1.64	cps
Zinc	66-2	127	97	113	112	13.39	cps
Zirconium	90-1	350	392	333	358	8.39	cps
Zirconium	91-1	50	42	67	53	24.12	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591	645	675	637	6.66	cps
Antimony	121-1	5435	5451	5326	5404	1.26	cps
Arsenic	75-2	109	102	107	106	3.40	cps
Barium	135-1	6694	6802	6777	6757	0.84	cps
Barium	137-1	11297	12239	12306	11947	4.72	cps
Beryllium	9-1	798	910	826	845	6.90	cps
Bismuth	209-1	2055795	2068892	2047301	2057329	0.53	cps
Bismuth	209-2	1222226	1212032	1219284	1217847	0.43	cps
Boron	10-1	1772	1998	2108	1959	8.74	cps
Boron	11-1	8709	9483	9491	9228	4.87	cps
Bromine	81-1	15705	16778	16587	16357	3.50	cps
Cadmium	111-1	948	879	1026	951	7.72	cps
Cadmium	106-1	1375	1317	1492	1395	6.39	cps
Cadmium	108-1	92	67	50	69	30.20	cps
Calcium	43-1	5349	5318	5412	5360	0.89	cps
Calcium	44-1	108132	107363	108162	107886	0.42	cps
Carbon	12-1	4179946	4220723	4339288	4246652	1.95	cps
Carbon	12-2	44018	44711	44092	44273	0.86	cps
Chlorine	35-1	433725	430890	423631	429415	1.21	cps
Chlorine	35-2	3167	3067	3150	3128	1.71	cps
Chromium	52-2	2617	2640	2620	2626	0.48	cps
Cobalt	59-2	1870	1990	1857	1906	3.85	cps
Copper	63-2	3217	3017	3167	3134	3.32	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	3	17	20	13	66.16	cps
Gadolinium	160-1	8	50	67	42	72.12	cps
Gadolinium	160-2	27	23	20	23	14.29	cps
Holmium	165-1	3641167	3526436	3525097	3564233	1.87	cps
Holmium	165-2	1870598	1867451	1831000	1856350	1.19	cps
Indium	115-1	3413972	3340985	3301596	3352184	1.70	cps
Indium	115-2	553638	554034	556265	554646	0.26	cps
Iron	54-2	2767	2706	2545	2673	4.30	cps
Iron	56-2	40602	41906	41299	41269	1.58	cps
Iron	57-2	1217	1189	1206	1204	1.16	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	607	670	633	5.18	cps
Lead	206-1	2072	2122	2189	2128	2.75	cps
Lead	207-1	1811	1683	1839	1778	4.67	cps
Lead	208-1	8196	8068	8223	8162	1.02	cps
Lithium	6-1	1524734	1498234	1420014	1480994	3.68	cps
Magnesium	24-2	42363	42279	41435	42025	1.22	cps
Manganese	55-2	570	660	550	593	9.88	cps
Molybdenum	94-1	6393	6719	6560	6557	2.48	cps
Molybdenum	95-1	7736	8169	7861	7922	2.82	cps
Molybdenum	96-1	8444	8461	8786	8564	2.25	cps
Molybdenum	97-1	4918	4868	5343	5043	5.18	cps
Molybdenum	98-1	12239	13198	12790	12742	3.78	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	597	600	638	10.72	cps
Phosphorus	31-2	108	92	100	100	8.33	cps
Potassium	39-2	49570	49544	48006	49040	1.83	cps
Rhodium	103-1	3272084	3266641	3292161	3276962	0.41	cps
Rhodium	103-2	1603094	1609040	1625099	1612411	0.71	cps
Scandium	45-1	2542725	2630638	2535707	2569690	2.06	cps
Scandium	45-2	92134	92919	92771	92608	0.45	cps
Selenium	82-1	310	376	291	326	13.74	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	108	100	82	97	13.77	cps
Silicon	28-1	706426	705292	710603	707440	0.40	cps
Silver	107-1	3275	3609	3601	3495	5.44	cps
Silver	109-1	2950	3175	3784	3303	13.05	cps
Sodium	23-2	96940	97887	95950	96926	1.00	cps
Strontium	86-1	1975	2217	2042	2078	6.01	cps
Strontium	88-1	9120	9403	9570	9364	2.43	cps
Sulfur	34-1	288852	287489	287344	287895	0.29	cps
Terbium	159-1	3827165	3848616	3792315	3822699	0.74	cps
Terbium	159-2	1845940	1818905	1829979	1831608	0.74	cps
Thallium	203-1	2500	2325	1942	2256	12.66	cps
Thallium	205-1	5876	5501	5785	5721	3.42	cps
Tin	118-1	12489	12523	12673	12562	0.78	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:07:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3100	2717	2909	2909	6.59	cps
Uranium	238-1	6910	6493	6427	6610	3.96	cps
Vanadium	51-2	4194	4387	4304	4295	2.26	cps
Ytterbium	172-1	33	42	17	31	41.66	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	475	350	333	386	20.05	cps
Ytterbium	176-2	1606	1739	1972	1772	10.47	cps
Yttrium	89-1	5291466	5298933	5231417	5273939	0.70	cps
Yttrium	89-2	587162	603528	593534	594741	1.39	cps
Zinc	66-2	463	473	390	442	10.29	cps
Zirconium	90-1	5851	5585	5901	5779	2.95	cps
Zirconium	91-1	1317	1367	1300	1328	2.61	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31367	30819	30524	30903	1.38	cps
Antimony	121-1	143634	143180	139517	142110	1.59	cps
Arsenic	75-2	4988	4919	5103	5004	1.86	cps
Barium	135-1	189778	186925	193475	190059	1.73	cps
Barium	137-1	320764	337648	327312	328575	2.59	cps
Beryllium	9-1	42659	43506	43186	43117	0.99	cps
Bismuth	209-1	2074034	2057904	2141348	2091095	2.12	cps
Bismuth	209-2	1277255	1254202	1261069	1264175	0.94	cps
Boron	10-1	7038	7494	7745	7426	4.82	cps
Boron	11-1	32586	34808	37278	34891	6.73	cps
Bromine	81-1	16627	16417	15655	16233	3.15	cps
Cadmium	111-1	34676	34854	34901	34810	0.34	cps
Cadmium	106-1	5251	4909	5218	5126	3.68	cps
Cadmium	108-1	2754	2767	2967	2829	4.21	cps
Calcium	43-1	57842	58505	58794	58380	0.84	cps
Calcium	44-1	981272	980199	970670	977381	0.60	cps
Carbon	12-1	4697871	4575100	4743570	4672180	1.86	cps
Carbon	12-2	50295	48623	49008	49309	1.78	cps
Chlorine	35-1	385556	386176	389437	387056	0.54	cps
Chlorine	35-2	2875	2642	3017	2845	6.66	cps
Chromium	52-2	56883	56669	56568	56707	0.28	cps
Cobalt	59-2	100315	97681	94878	97625	2.78	cps
Copper	63-2	748976	743390	739424	743930	0.65	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	27	23	37	29	24.03	cps
Holmium	165-1	3581296	3601717	3713392	3632135	1.96	cps
Holmium	165-2	1970304	1881369	1877809	1909827	2.74	cps
Indium	115-1	3333554	3396425	3383240	3371073	0.98	cps
Indium	115-2	577297	566584	569098	570993	0.98	cps
Iron	54-2	125146	119334	118494	120991	2.99	cps
Iron	56-2	2351656	2203380	2260880	2271972	3.29	cps
Iron	57-2	54605	51466	52068	52713	3.16	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	630	727	652	10.15	cps
Lead	206-1	473253	486992	487985	482743	1.71	cps
Lead	207-1	420656	427455	414348	420819	1.56	cps
Lead	208-1	1906167	1926300	1921887	1918118	0.55	cps
Lithium	6-1	1462572	1504014	1453046	1473211	1.84	cps
Magnesium	24-2	450148	462889	448729	453922	1.72	cps
Manganese	55-2	272616	270277	272866	271920	0.53	cps
Molybdenum	94-1	637832	642477	638662	639657	0.39	cps
Molybdenum	95-1	912377	923344	926922	920881	0.82	cps
Molybdenum	96-1	996299	1001952	1019966	1006073	1.23	cps
Molybdenum	97-1	569081	566835	580745	572221	1.31	cps
Molybdenum	98-1	1460528	1496212	1515340	1490693	1.87	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	26612	26067	26802	26494	1.44	cps
Phosphorus	31-2	1558	1558	1717	1611	5.68	cps
Potassium	39-2	190896	189167	190297	190120	0.46	cps
Rhodium	103-1	3269962	3249782	3352426	3290723	1.65	cps
Rhodium	103-2	1655622	1642425	1660301	1652783	0.56	cps
Scandium	45-1	2618709	2646090	2624126	2629642	0.55	cps
Scandium	45-2	96056	95052	95945	95684	0.58	cps
Selenium	82-1	3009	2998	2990	2999	0.31	cps
Selenium	77-2	63	123	100	96	31.66	cps
Selenium	78-2	443	390	388	407	7.66	cps
Silicon	28-1	2377199	2397131	2424662	2399664	0.99	cps
Silver	107-1	190047	187070	183058	186725	1.88	cps
Silver	109-1	180309	177664	177891	178621	0.82	cps
Sodium	23-2	913765	910704	889174	904548	1.48	cps
Strontium	86-1	589506	595425	591194	592042	0.52	cps
Strontium	88-1	4990113	5112224	5019663	5040667	1.26	cps
Sulfur	34-1	309405	313454	311179	311346	0.65	cps
Terbium	159-1	3887002	4001890	3865117	3918003	1.88	cps
Terbium	159-2	1975286	1856728	1925340	1919118	3.10	cps
Thallium	203-1	117618	121586	121475	120226	1.88	cps
Thallium	205-1	283076	286699	284583	284786	0.64	cps
Tin	118-1	123521	127979	124187	125229	1.92	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:10:30	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	299911	306399	310153	305488	1.70	cps
Uranium	238-1	358543	352770	366927	359413	1.98	cps
Vanadium	51-2	46723	44857	44593	45391	2.56	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	6	0	11	6	99.97	cps
Ytterbium	176-1	900	792	858	850	6.43	cps
Ytterbium	176-2	2089	2161	2278	2176	4.38	cps
Yttrium	89-1	5326465	5421907	5443321	5397231	1.15	cps
Yttrium	89-2	615537	613897	621546	616993	0.65	cps
Zinc	66-2	80602	79278	79553	79811	0.88	cps
Zirconium	90-1	313316	316203	312562	314027	0.61	cps
Zirconium	91-1	71627	69533	70688	70616	1.49	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78026	76230	76767	77008	1.20	cps
Antimony	121-1	356949	350499	360846	356098	1.47	cps
Arsenic	75-2	12619	12442	12401	12487	0.93	cps
Barium	135-1	480388	481828	483259	481825	0.30	cps
Barium	137-1	826869	842578	806043	825163	2.22	cps
Beryllium	9-1	107222	111142	107596	108653	1.99	cps
Bismuth	209-1	2079099	2142768	2138691	2120186	1.68	cps
Bismuth	209-2	1251049	1259691	1224257	1244999	1.48	cps
Boron	10-1	17535	19123	20256	18971	7.20	cps
Boron	11-1	84381	92900	96037	91106	6.62	cps
Bromine	81-1	16477	17038	15374	16296	5.19	cps
Cadmium	111-1	85200	85001	87350	85851	1.52	cps
Cadmium	106-1	11330	11488	11221	11347	1.18	cps
Cadmium	108-1	6710	6831	6706	6749	1.05	cps
Calcium	43-1	147356	149171	148626	148384	0.63	cps
Calcium	44-1	2474543	2511576	2577829	2521316	2.08	cps
Carbon	12-1	4784696	4794051	4779873	4786207	0.15	cps
Carbon	12-2	50362	49928	50271	50187	0.46	cps
Chlorine	35-1	358751	355092	351583	355142	1.01	cps
Chlorine	35-2	2667	2525	2759	2650	4.44	cps
Chromium	52-2	141352	141016	141928	141432	0.33	cps
Cobalt	59-2	248325	242691	238487	243168	2.03	cps
Copper	63-2	1913864	2022920	1922346	1953044	3.11	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	33	20	20	24	31.49	cps
Holmium	165-1	3778526	3725312	3680797	3728212	1.31	cps
Holmium	165-2	1873411	1913977	1875961	1887783	1.20	cps
Indium	115-1	3432998	3433865	3245402	3370755	3.22	cps
Indium	115-2	561973	552285	560361	558206	0.93	cps
Iron	54-2	297319	298121	293754	296398	0.78	cps
Iron	56-2	5439908	5570343	5452783	5487678	1.31	cps
Iron	57-2	132743	132495	130752	131996	0.82	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	610	743	697	10.78	cps
Lead	206-1	1220041	1205897	1193412	1206450	1.10	cps
Lead	207-1	1083565	1055392	1062024	1066994	1.38	cps
Lead	208-1	5065591	5047402	5029005	5047332	0.36	cps
Lithium	6-1	1552999	1569849	1557016	1559955	0.56	cps
Magnesium	24-2	1218769	1183744	1172884	1191799	2.01	cps
Manganese	55-2	695895	680986	677101	684661	1.45	cps
Molybdenum	94-1	1698323	1639004	1629661	1655663	2.25	cps
Molybdenum	95-1	2387028	2309052	2401269	2365783	2.10	cps
Molybdenum	96-1	2637222	2544881	2609828	2597310	1.83	cps
Molybdenum	97-1	1429679	1423967	1456424	1436690	1.21	cps
Molybdenum	98-1	3710494	3729905	3794411	3744936	1.17	cps
Neodymium	150-1	40	73	47	53	33.07	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	66810	67594	65202	66535	1.83	cps
Phosphorus	31-2	3967	4484	3859	4103	8.14	cps
Potassium	39-2	457150	458264	439060	451491	2.39	cps
Rhodium	103-1	3211358	3347257	3275918	3278178	2.07	cps
Rhodium	103-2	1624201	1656418	1682525	1654382	1.77	cps
Scandium	45-1	2674595	2678707	2734972	2696091	1.25	cps
Scandium	45-2	95763	94814	94177	94918	0.84	cps
Selenium	82-1	7261	7575	7322	7386	2.25	cps
Selenium	77-2	297	293	263	284	6.45	cps
Selenium	78-2	929	896	939	921	2.44	cps
Silicon	28-1	4969926	5088160	5011607	5023231	1.19	cps
Silver	107-1	472201	477458	469971	473210	0.81	cps
Silver	109-1	449508	453484	458158	453717	0.95	cps
Sodium	23-2	2331985	2363938	2358732	2351552	0.73	cps
Strontium	86-1	1520592	1539520	1497575	1519229	1.38	cps
Strontium	88-1	12825895	12812287	12851895	12830025	0.16	cps
Sulfur	34-1	326924	331271	327348	328514	0.73	cps
Terbium	159-1	3934673	3884827	3942851	3920783	0.80	cps
Terbium	159-2	1897113	1872649	1881003	1883588	0.66	cps
Thallium	203-1	297743	304637	300612	300997	1.15	cps
Thallium	205-1	705151	703226	709752	706043	0.47	cps
Tin	118-1	327246	321353	312051	320217	2.39	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:13:33	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	766343	773765	762309	767472	0.76	cps
Uranium	238-1	907296	910158	903811	907088	0.35	cps
Vanadium	51-2	116138	115085	113216	114813	1.29	cps
Ytterbium	172-1	25	17	17	19	24.73	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	1758	1625	1717	1700	4.01	cps
Ytterbium	176-2	2311	2523	2517	2450	4.91	cps
Yttrium	89-1	5416529	5405131	5434620	5418760	0.27	cps
Yttrium	89-2	612760	602775	605273	606936	0.86	cps
Zinc	66-2	196243	198302	194445	196330	0.98	cps
Zirconium	90-1	787078	792610	802626	794105	0.99	cps
Zirconium	91-1	177634	177155	173815	176201	1.18	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156541	154366	151178	154028	1.75	cps
Antimony	121-1	714785	723606	704461	714284	1.34	cps
Arsenic	75-2	24819	24784	24480	24694	0.76	cps
Barium	135-1	981092	973847	965775	973571	0.79	cps
Barium	137-1	1730898	1704478	1750330	1728569	1.33	cps
Beryllium	9-1	218618	219495	223609	220574	1.21	cps
Bismuth	209-1	2105111	2213806	2083529	2134148	3.27	cps
Bismuth	209-2	1208766	1214830	1232424	1218673	1.01	cps
Boron	10-1	37550	41294	41681	40175	5.68	cps
Boron	11-1	184369	199575	204756	196233	5.40	cps
Bromine	81-1	16056	17078	16417	16517	3.14	cps
Cadmium	111-1	171671	168777	173161	171203	1.30	cps
Cadmium	106-1	20941	20933	20324	20733	1.71	cps
Cadmium	108-1	14299	14487	14007	14264	1.69	cps
Calcium	43-1	293673	296662	296756	295697	0.59	cps
Calcium	44-1	5024436	4966517	4897670	4962874	1.28	cps
Carbon	12-1	4911030	4902107	5038234	4950457	1.54	cps
Carbon	12-2	53256	50972	53406	52545	2.60	cps
Chlorine	35-1	335331	330785	327968	331361	1.12	cps
Chlorine	35-2	2125	2475	2284	2295	7.64	cps
Chromium	52-2	275753	278118	278083	277318	0.49	cps
Cobalt	59-2	494171	484965	481887	487008	1.31	cps
Copper	63-2	3885890	3853989	3731508	3823796	2.13	cps
Dysprosium	156-1	83	67	75	75	11.11	cps
Dysprosium	156-2	30	33	10	24	51.62	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	43	37	37	39	9.89	cps
Holmium	165-1	3629139	3738353	3627040	3664844	1.74	cps
Holmium	165-2	1852640	1884002	1872010	1869550	0.85	cps
Indium	115-1	3327982	3295828	3409307	3344372	1.75	cps
Indium	115-2	542943	544939	554531	547471	1.13	cps
Iron	54-2	602632	581761	593777	592723	1.77	cps
Iron	56-2	11230180	10967717	11035984	11077961	1.23	cps
Iron	57-2	265774	250541	260927	259081	3.00	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	650	703	660	5.95	cps
Lead	206-1	2543488	2621253	2644276	2603006	2.03	cps
Lead	207-1	2239397	2292760	2292940	2275032	1.36	cps
Lead	208-1	10244501	10580455	10447841	10424266	1.62	cps
Lithium	6-1	1578123	1546958	1524150	1549744	1.75	cps
Magnesium	24-2	2347224	2377975	2337371	2354190	0.90	cps
Manganese	55-2	1455075	1413862	1406753	1425230	1.83	cps
Molybdenum	94-1	3289680	3284582	3285761	3286674	0.08	cps
Molybdenum	95-1	4682531	4691456	4698448	4690812	0.17	cps
Molybdenum	96-1	5249156	5099126	5085209	5144497	1.77	cps
Molybdenum	97-1	2896656	2919048	2902370	2906025	0.40	cps
Molybdenum	98-1	7509517	7308806	7383512	7400612	1.37	cps
Neodymium	150-1	100	80	127	102	22.91	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	130230	130587	128081	129633	1.05	cps
Phosphorus	31-2	8161	7669	7819	7883	3.20	cps
Potassium	39-2	906159	877968	877418	887181	1.85	cps
Rhodium	103-1	3280985	3185188	3259607	3241926	1.55	cps
Rhodium	103-2	1547831	1601613	1629983	1593142	2.62	cps
Scandium	45-1	2631663	2607060	2632519	2623747	0.55	cps
Scandium	45-2	89346	90503	92932	90927	2.01	cps
Selenium	82-1	14786	14877	14808	14824	0.32	cps
Selenium	77-2	480	420	497	466	8.66	cps
Selenium	78-2	1792	1742	1801	1779	1.79	cps
Silicon	28-1	9765496	9555420	9811092	9710669	1.40	cps
Silver	107-1	934348	932793	948445	938529	0.92	cps
Silver	109-1	892933	919829	883829	898864	2.08	cps
Sodium	23-2	4608705	4585620	4439774	4544700	2.02	cps
Strontium	86-1	3092329	3080782	2944290	3039134	2.71	cps
Strontium	88-1	26456635	25599231	24984915	25680260	2.88	cps
Sulfur	34-1	382606	381322	383430	382453	0.28	cps
Terbium	159-1	3991627	3776902	3910484	3893004	2.79	cps
Terbium	159-2	1882288	1943068	1924002	1916453	1.62	cps
Thallium	203-1	603040	599536	614474	605683	1.29	cps
Thallium	205-1	1419385	1416312	1447570	1427756	1.21	cps
Tin	118-1	622293	620540	636170	626334	1.37	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:16:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1540685	1563915	1535593	1546731	0.98	cps
Uranium	238-1	1939743	1973491	1941234	1951489	0.98	cps
Vanadium	51-2	233300	224681	224693	227558	2.19	cps
Ytterbium	172-1	17	8	8	11	43.34	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	2675	3067	3192	2978	9.05	cps
Ytterbium	176-2	3095	3601	3223	3306	7.95	cps
Yttrium	89-1	5384523	5276022	5269936	5310160	1.21	cps
Yttrium	89-2	583879	592527	607977	594794	2.05	cps
Zinc	66-2	390975	378083	383494	384184	1.69	cps
Zirconium	90-1	1612521	1582090	1652885	1615832	2.20	cps
Zirconium	91-1	344631	348104	351718	348151	1.02	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:19:42 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300869	307081	302071	303340	1.09	cps
Antimony	121-1	1443363	1460986	1486700	1463683	1.49	cps
Arsenic	75-2	48685	49338	48850	48958	0.69	cps
Barium	135-1	2016472	2038576	2002998	2019349	0.89	cps
Barium	137-1	3421543	3439473	3367715	3409577	1.10	cps
Beryllium	9-1	438943	452217	433253	441471	2.20	cps
Bismuth	209-1	2076511	2112296	2157004	2115270	1.91	cps
Bismuth	209-2	1236504	1237958	1228844	1234435	0.40	cps
Boron	10-1	81332	87585	90440	86452	5.39	cps
Boron	11-1	396161	429712	446443	424105	6.04	cps
Bromine	81-1	15635	15444	16076	15718	2.06	cps
Cadmium	111-1	351432	346814	345153	347800	0.94	cps
Cadmium	106-1	39374	40828	41045	40416	2.25	cps
Cadmium	108-1	27573	27958	28024	27852	0.87	cps
Calcium	43-1	592927	605421	602246	600198	1.08	cps
Calcium	44-1	10070490	10188216	10087088	10115265	0.63	cps
Carbon	12-1	5098818	5302313	5215594	5205575	1.96	cps
Carbon	12-2	55472	55564	55849	55628	0.35	cps
Chlorine	35-1	313771	306819	302662	307750	1.82	cps
Chlorine	35-2	2259	2050	2109	2139	5.03	cps
Chromium	52-2	553948	559353	543788	552363	1.43	cps
Cobalt	59-2	965082	963634	955268	961328	0.55	cps
Copper	63-2	7510087	7330945	7485674	7442235	1.31	cps
Dysprosium	156-1	42	108	58	69	49.96	cps
Dysprosium	156-2	40	20	20	27	43.30	cps
Erbium	164-1	33	67	58	53	32.87	cps
Erbium	164-2	27	33	27	29	13.31	cps
Gadolinium	160-1	50	125	100	92	41.66	cps
Gadolinium	160-2	57	70	63	63	10.52	cps
Holmium	165-1	3747288	3790500	3599041	3712276	2.70	cps
Holmium	165-2	1914445	1870241	1865623	1883436	1.43	cps
Indium	115-1	3544635	3405598	3338598	3429610	3.06	cps
Indium	115-2	544133	548735	547903	546924	0.45	cps
Iron	54-2	1168852	1180047	1169787	1172895	0.53	cps
Iron	56-2	21550630	21654350	21508900	21571294	0.35	cps
Iron	57-2	521330	521141	523884	522118	0.29	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:19:42	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	670	623	662	5.38	cps
Lead	206-1	5168449	5307529	5321042	5265673	1.60	cps
Lead	207-1	4560784	4733785	4537226	4610598	2.33	cps
Lead	208-1	20410372	21045931	20504675	20653659	1.66	cps
Lithium	6-1	1559947	1574711	1605563	1580073	1.47	cps
Magnesium	24-2	4646903	4587410	4568056	4600790	0.89	cps
Manganese	55-2	2786411	2821532	2878581	2828842	1.64	cps
Molybdenum	94-1	6775191	6568463	6390728	6578127	2.93	cps
Molybdenum	95-1	9553363	9535142	9468089	9518865	0.47	cps
Molybdenum	96-1	10702192	10164458	10485400	10450683	2.59	cps
Molybdenum	97-1	5939716	5753313	5705216	5799415	2.14	cps
Molybdenum	98-1	15590210	14864440	14716505	15057052	3.11	cps
Neodymium	150-1	113	160	87	120	30.93	cps
Neodymium	150-2	27	13	7	16	65.47	cps
Nickel	60-2	260999	253432	253319	255917	1.72	cps
Phosphorus	31-2	15559	15300	15550	15470	0.95	cps
Potassium	39-2	1818916	1812638	1754823	1795459	1.97	cps
Rhodium	103-1	3231434	3251015	3240078	3240842	0.30	cps
Rhodium	103-2	1618660	1640739	1552235	1603878	2.87	cps
Scandium	45-1	2720783	2698861	2616870	2678838	2.04	cps
Scandium	45-2	94619	92761	92670	93350	1.18	cps
Selenium	82-1	29576	29366	29038	29327	0.92	cps
Selenium	77-2	1043	900	933	959	7.82	cps
Selenium	78-2	3410	3369	3341	3373	1.03	cps
Silicon	28-1	19120028	19150795	19276429	19182417	0.43	cps
Silver	107-1	1935966	2015807	2025885	1992553	2.47	cps
Silver	109-1	1858333	1846169	1824372	1842958	0.93	cps
Sodium	23-2	9144541	9224769	9351608	9240306	1.13	cps
Strontium	86-1	5959729	6026674	6179637	6055347	1.86	cps
Strontium	88-1	51251481	51379048	53090798	51907109	1.98	cps
Sulfur	34-1	475938	483855	493312	484368	1.80	cps
Terbium	159-1	3921690	4051319	3969487	3980832	1.65	cps
Terbium	159-2	1888994	1899005	1906409	1898136	0.46	cps
Thallium	203-1	1232173	1245354	1245427	1240985	0.61	cps
Thallium	205-1	2958073	3031012	3086650	3025245	2.13	cps
Tin	118-1	1267689	1320208	1266010	1284636	2.40	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:19:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3153952	3102807	3097404	3118055	1.00	cps
Uranium	238-1	3815066	3951853	3851863	3872927	1.83	cps
Vanadium	51-2	450811	460528	449388	453576	1.34	cps
Ytterbium	172-1	25	67	42	44	47.19	cps
Ytterbium	172-2	28	17	11	19	45.83	cps
Ytterbium	176-1	5743	5751	6052	5849	3.01	cps
Ytterbium	176-2	4540	4579	4684	4601	1.63	cps
Yttrium	89-1	5361842	5457778	5378026	5399215	0.95	cps
Yttrium	89-2	612310	603717	598650	604892	1.14	cps
Zinc	66-2	763387	776604	756683	765558	1.32	cps
Zirconium	90-1	3229122	3285551	3213569	3242747	1.17	cps
Zirconium	91-1	714374	715159	702456	710663	1.00	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:22:48 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	603917	616632	603693	608081	1.22	cps
Antimony	121-1	3009373	2931424	3003440	2981412	1.46	cps
Arsenic	75-2	98680	98588	97149	98139	0.88	cps
Barium	135-1	3995528	4017738	4035694	4016320	0.50	cps
Barium	137-1	6771431	6781438	6944477	6832449	1.42	cps
Beryllium	9-1	877399	872862	890501	880254	1.04	cps
Bismuth	209-1	2194915	2102822	2142192	2146643	2.15	cps
Bismuth	209-2	1236947	1230389	1229535	1232290	0.33	cps
Boron	10-1	158549	164318	173868	165578	4.67	cps
Boron	11-1	763767	793686	822905	793453	3.73	cps
Bromine	81-1	15986	16687	15585	16086	3.47	cps
Cadmium	111-1	686922	679951	698294	688389	1.34	cps
Cadmium	106-1	79631	81945	80209	80595	1.49	cps
Cadmium	108-1	55717	54968	55106	55263	0.72	cps
Calcium	43-1	1252541	1220045	1277193	1249927	2.29	cps
Calcium	44-1	19707870	19607265	20777458	20030865	3.24	cps
Carbon	12-1	5651176	6140274	6155404	5982285	4.79	cps
Carbon	12-2	66568	66468	66175	66403	0.31	cps
Chlorine	35-1	289909	291288	288562	289920	0.47	cps
Chlorine	35-2	2334	1825	2125	2095	12.20	cps
Chromium	52-2	1122939	1115995	1102670	1113868	0.92	cps
Cobalt	59-2	2018591	2030919	2019756	2023089	0.34	cps
Copper	63-2	15480227	15137754	14788227	15135403	2.29	cps
Dysprosium	156-1	183	158	183	175	8.25	cps
Dysprosium	156-2	70	80	70	73	7.87	cps
Erbium	164-1	67	75	133	92	39.63	cps
Erbium	164-2	43	47	37	42	12.06	cps
Gadolinium	160-1	225	183	175	194	13.78	cps
Gadolinium	160-2	123	117	93	111	14.18	cps
Holmium	165-1	3799508	3757942	3866396	3807949	1.44	cps
Holmium	165-2	1931070	1898549	1885588	1905069	1.23	cps
Indium	115-1	3480233	3403457	3482950	3455547	1.31	cps
Indium	115-2	545284	536738	539303	540442	0.81	cps
Iron	54-2	2511291	2499381	2478443	2496372	0.67	cps
Iron	56-2	43036823	42877969	42376441	42763744	0.81	cps
Iron	57-2	1021495	1026384	1037274	1028384	0.79	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	587	647	641	8.09	cps
Lead	206-1	10454834	10096353	10530485	10360558	2.24	cps
Lead	207-1	9250675	8965404	9056905	9090995	1.60	cps
Lead	208-1	41748464	41106355	41645532	41500117	0.83	cps
Lithium	6-1	1560261	1644292	1624771	1609774	2.73	cps
Magnesium	24-2	8949925	9167703	9016472	9044700	1.23	cps
Manganese	55-2	5662765	5665119	5541399	5623094	1.26	cps
Molybdenum	94-1	13323932	13192459	13365272	13293888	0.68	cps
Molybdenum	95-1	18767098	18946699	19480975	19064924	1.95	cps
Molybdenum	96-1	20876855	20361153	21743991	20994000	3.33	cps
Molybdenum	97-1	11622733	11602037	11938654	11721141	1.61	cps
Molybdenum	98-1	29682179	30559814	31049233	30430409	2.28	cps
Neodymium	150-1	180	247	207	211	15.89	cps
Neodymium	150-2	20	13	27	20	33.35	cps
Nickel	60-2	510947	520784	505577	512436	1.50	cps
Phosphorus	31-2	31143	31184	29255	30527	3.61	cps
Potassium	39-2	3584404	3561827	3663886	3603372	1.49	cps
Rhodium	103-1	3264998	3390799	3295413	3317070	1.98	cps
Rhodium	103-2	1645564	1584065	1610011	1613214	1.91	cps
Scandium	45-1	2669627	2768333	2846113	2761357	3.20	cps
Scandium	45-2	93429	93818	94378	93875	0.51	cps
Selenium	82-1	57853	57980	59140	58325	1.22	cps
Selenium	77-2	1997	1867	1927	1930	3.37	cps
Selenium	78-2	6638	6601	6609	6616	0.29	cps
Silicon	28-1	33268561	33699108	33234859	33400843	0.77	cps
Silver	107-1	3943556	3944564	3921811	3936644	0.33	cps
Silver	109-1	3632325	3591277	3721524	3648375	1.83	cps
Sodium	23-2	17861303	18541618	18374874	18259265	1.94	cps
Strontium	86-1	12478853	12123173	12416274	12339433	1.54	cps
Strontium	88-1	104751104	104534950	105175946	104820667	0.31	cps
Sulfur	34-1	692911	690813	686082	689936	0.51	cps
Terbium	159-1	3998136	4035072	4098119	4043776	1.25	cps
Terbium	159-2	1900564	1901510	1906618	1902897	0.17	cps
Thallium	203-1	2516370	2602587	2668347	2595768	2.94	cps
Thallium	205-1	5909805	5905264	6103408	5972826	1.89	cps
Tin	118-1	2648388	2637988	2662808	2649728	0.47	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:22:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6179122	6488215	6338177	6335171	2.44	cps
Uranium	238-1	7561421	7581420	7797486	7646776	1.71	cps
Vanadium	51-2	897459	925926	900831	908072	1.71	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	22	33	28	28	20.00	cps
Ytterbium	176-1	11289	11614	11238	11380	1.79	cps
Ytterbium	176-2	7402	7208	7486	7365	1.94	cps
Yttrium	89-1	5628926	5503681	5502958	5545188	1.31	cps
Yttrium	89-2	609633	601452	596611	602565	1.09	cps
Zinc	66-2	1608097	1600314	1580079	1596163	0.91	cps
Zirconium	90-1	6566287	6443245	6532601	6514044	0.98	cps
Zirconium	91-1	1451884	1472300	1458957	1461047	0.71	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:25:52 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3042948	3050842	2965670	3019820	1.56	cps
Antimony	121-1	2517	2475	2484	2492	0.89	cps
Arsenic	75-2	50	51	55	52	5.09	cps
Barium	135-1	1634	1967	1433	1678	16.06	cps
Barium	137-1	3251	2717	2317	2761	16.96	cps
Beryllium	9-1	696	566	508	590	16.32	cps
Bismuth	209-1	1700784	1892732	1987048	1860188	7.84	cps
Bismuth	209-2	1168940	1164403	1157986	1163777	0.47	cps
Boron	10-1	21838	20951	19485	20758	5.72	cps
Boron	11-1	107749	98782	93925	100152	7.00	cps
Bromine	81-1	16196	16597	16166	16320	1.47	cps
Cadmium	111-1	473	412	393	426	9.85	cps
Cadmium	106-1	1250	1117	1275	1214	7.01	cps
Cadmium	108-1	63	46	42	50	22.05	cps
Calcium	43-1	5977075	5760802	5684838	5807572	2.61	cps
Calcium	44-1	99338875	97581317	95617088	97512427	1.91	cps
Carbon	12-1	5177086	5289429	5470018	5312177	2.78	cps
Carbon	12-2	57555	57563	58342	57820	0.78	cps
Chlorine	35-1	286678	286763	283964	285802	0.56	cps
Chlorine	35-2	2209	2234	1934	2125	7.83	cps
Chromium	52-2	2847	3027	2854	2909	3.51	cps
Cobalt	59-2	4594	4477	4601	4557	1.52	cps
Copper	63-2	6125	6475	7591	6730	11.37	cps
Dysprosium	156-1	608	567	400	525	21.00	cps
Dysprosium	156-2	233	217	343	264	26.03	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	53	40	50	48	14.52	cps
Gadolinium	160-1	525	642	475	547	15.63	cps
Gadolinium	160-2	330	327	297	318	5.78	cps
Holmium	165-1	3135902	3527847	3677614	3447121	8.11	cps
Holmium	165-2	1956531	1901255	1903003	1920263	1.64	cps
Indium	115-1	2962228	3213646	3410694	3195523	7.03	cps
Indium	115-2	540103	546765	543569	543479	0.61	cps
Iron	54-2	11443158	11248617	11125022	11272266	1.42	cps
Iron	56-2	205159110	207382460	204943210	205828260	0.66	cps
Iron	57-2	5157937	5148525	5057188	5121216	1.09	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:25:52	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	843	720	788	7.94	cps
Lead	206-1	6546	5857	5840	6081	6.62	cps
Lead	207-1	5790	4945	4945	5227	9.33	cps
Lead	208-1	26011	23309	22408	23909	7.84	cps
Lithium	6-1	1395516	1461091	1522377	1459661	4.35	cps
Magnesium	24-2	42946288	43729656	42281683	42985876	1.69	cps
Manganese	55-2	3214	3100	3357	3224	3.99	cps
Molybdenum	94-1	5826	4618	4518	4987	14.61	cps
Molybdenum	95-1	7027	5151	5284	5821	17.98	cps
Molybdenum	96-1	12856	10504	10338	11233	12.54	cps
Molybdenum	97-1	4601	3542	2750	3631	25.57	cps
Molybdenum	98-1	11038	8411	7519	8989	20.35	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	1523	1530	1570	1541	1.64	cps
Phosphorus	31-2	92	67	158	106	44.89	cps
Potassium	39-2	16764797	17145273	16913088	16941053	1.13	cps
Rhodium	103-1	2560224	2863479	3128329	2850677	9.97	cps
Rhodium	103-2	1448955	1444883	1471515	1455118	0.99	cps
Scandium	45-1	2490530	2545995	2653501	2563342	3.23	cps
Scandium	45-2	93023	93177	91751	92650	0.84	cps
Selenium	82-1	55	-53	66	23	289.05	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	71	68	66	68	3.68	cps
Silicon	28-1	1281510	1341520	1297931	1306987	2.37	cps
Silver	107-1	2167	1558	1317	1681	26.06	cps
Silver	109-1	1725	1675	1108	1503	22.79	cps
Sodium	23-2	85571102	88087164	86293408	86650558	1.50	cps
Strontium	86-1	10396	9870	9220	9829	5.99	cps
Strontium	88-1	82312	72815	70939	75355	8.09	cps
Sulfur	34-1	274899	277237	280395	277510	0.99	cps
Terbium	159-1	3383990	3883485	3964990	3744155	8.40	cps
Terbium	159-2	1872838	1910819	1925477	1903045	1.43	cps
Thallium	203-1	983	958	875	939	6.04	cps
Thallium	205-1	2509	1917	1884	2103	16.72	cps
Tin	118-1	1633	1292	1342	1422	12.98	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:25:52	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2150	1325	1217	1564	32.64	cps
Uranium	238-1	1992	1400	1333	1575	23.01	cps
Vanadium	51-2	273	253	340	289	15.71	cps
Ytterbium	172-1	67	50	8	42	72.12	cps
Ytterbium	172-2	39	22	17	26	44.60	cps
Ytterbium	176-1	400	375	383	386	3.30	cps
Ytterbium	176-2	2106	2056	2100	2087	1.31	cps
Yttrium	89-1	4620871	4953743	5333652	4969422	7.18	cps
Yttrium	89-2	599928	609953	601475	603785	0.89	cps
Zinc	66-2	3854	3897	3791	3847	1.39	cps
Zirconium	90-1	3876	3334	2867	3359	15.03	cps
Zirconium	91-1	800	900	867	856	5.95	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : ICV99 Instrumnet Name : P8
 Client Sample ID : ICV99 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:41:08 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14622	14360	13954	14312	2.35	cps
Antimony	121-1	556696	563720	552074	557497	1.05	cps
Arsenic	75-2	19948	19709	19583	19746	0.94	cps
Barium	135-1	75528	75931	72965	74808	2.15	cps
Barium	137-1	130174	130959	132506	131213	0.90	cps
Beryllium	9-1	86071	86122	86731	86308	0.43	cps
Bismuth	209-1	2085628	2082750	2116895	2095091	0.90	cps
Bismuth	209-2	1215693	1239755	1207275	1220908	1.38	cps
Boron	10-1	3030	2748	2942	2906	4.96	cps
Boron	11-1	14444	14578	14398	14474	0.65	cps
Bromine	81-1	15725	15865	15946	15845	0.70	cps
Cadmium	111-1	68491	68911	67803	68401	0.82	cps
Cadmium	106-1	7352	7377	8019	7583	4.99	cps
Cadmium	108-1	4918	4751	4818	4829	1.74	cps
Calcium	43-1	21886	22314	22054	22085	0.98	cps
Calcium	44-1	390307	384014	381783	385368	1.15	cps
Carbon	12-1	4629006	4678577	4765548	4691044	1.47	cps
Carbon	12-2	49259	51282	49660	50067	2.14	cps
Chlorine	35-1	216716	219279	216064	217353	0.78	cps
Chlorine	35-2	1775	1550	1600	1642	7.20	cps
Chromium	52-2	111726	110145	108901	110258	1.28	cps
Cobalt	59-2	199086	192507	188934	193509	2.66	cps
Copper	63-2	143987	143419	140567	142658	1.28	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	58	58	17	44	54.12	cps
Gadolinium	160-2	43	47	50	47	7.15	cps
Holmium	165-1	3603472	3572994	3539821	3572096	0.89	cps
Holmium	165-2	1820961	1870357	1821953	1837757	1.54	cps
Indium	115-1	3402182	3310261	3328434	3346959	1.45	cps
Indium	115-2	557078	559950	548507	555179	1.07	cps
Iron	54-2	93287	93594	92795	93225	0.43	cps
Iron	56-2	1761895	1650267	1714015	1708726	3.28	cps
Iron	57-2	41271	40446	40675	40798	1.04	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICV99	Instrumnet Name :	P8
Client Sample ID :	ICV99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:41:08	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	543	607	767	639	18.02	cps
Lead	206-1	398823	400764	405071	401553	0.80	cps
Lead	207-1	345573	341969	341707	343083	0.63	cps
Lead	208-1	1586694	1575694	1586069	1582819	0.39	cps
Lithium	6-1	1466318	1516784	1511265	1498122	1.85	cps
Magnesium	24-2	104207	99827	99760	101265	2.52	cps
Manganese	55-2	52727	51814	51747	52096	1.05	cps
Molybdenum	94-1	483	375	417	425	12.86	cps
Molybdenum	95-1	375	392	350	372	5.63	cps
Molybdenum	96-1	617	608	700	642	7.90	cps
Molybdenum	97-1	317	183	200	233	31.13	cps
Molybdenum	98-1	633	558	567	586	7.01	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	51403	52316	51359	51693	1.05	cps
Phosphorus	31-2	67	92	100	86	20.14	cps
Potassium	39-2	152122	151199	147642	150321	1.57	cps
Rhodium	103-1	3221216	3165813	3171786	3186272	0.95	cps
Rhodium	103-2	1634272	1661040	1582787	1626033	2.45	cps
Scandium	45-1	2547707	2607425	2571384	2575505	1.17	cps
Scandium	45-2	93634	95574	91225	93477	2.33	cps
Selenium	82-1	12043	11987	12006	12012	0.24	cps
Selenium	77-2	357	420	393	390	8.15	cps
Selenium	78-2	1432	1496	1399	1443	3.42	cps
Silicon	28-1	662743	668461	668498	666567	0.50	cps
Silver	107-1	185471	180494	179578	181847	1.74	cps
Silver	109-1	170416	168853	174021	171097	1.55	cps
Sodium	23-2	358912	350226	343084	350741	2.26	cps
Strontium	86-1	1458	1250	1275	1328	8.57	cps
Strontium	88-1	2925	2825	3000	2917	3.01	cps
Sulfur	34-1	283147	280529	282034	281903	0.47	cps
Terbium	159-1	3754563	3802433	3948073	3835023	2.63	cps
Terbium	159-2	1912519	1855762	1851181	1873154	1.82	cps
Thallium	203-1	522164	518056	530589	523603	1.22	cps
Thallium	205-1	1195718	1205686	1198203	1199869	0.43	cps
Tin	118-1	533	508	667	569	14.95	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICV99	Instrumnet Name :	P8
Client Sample ID :	ICV99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:41:08	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	233	217	197	24.76	cps
Uranium	238-1	92	83	92	89	5.41	cps
Vanadium	51-2	88465	87995	86744	87735	1.01	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	175	292	275	247	25.52	cps
Ytterbium	176-2	1856	2206	1939	2000	9.14	cps
Yttrium	89-1	5282782	5187471	5369934	5280062	1.73	cps
Yttrium	89-2	602258	615888	590518	602888	2.11	cps
Zinc	66-2	30647	29862	30560	30356	1.42	cps
Zirconium	90-1	425	442	408	425	3.92	cps
Zirconium	91-1	158	58	217	144	55.44	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:54:49 DataFile Name : 015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	685	642	661	663	3.21	cps
Antimony	121-1	5126	5468	4934	5176	5.22	cps
Arsenic	75-2	105	95	120	107	11.80	cps
Barium	135-1	6460	6869	6752	6694	3.14	cps
Barium	137-1	11705	12456	11939	12033	3.19	cps
Beryllium	9-1	862	872	960	898	6.00	cps
Bismuth	209-1	2022014	2064177	2018097	2034763	1.26	cps
Bismuth	209-2	1193073	1225265	1210353	1209564	1.33	cps
Boron	10-1	3442	3410	3478	3443	0.99	cps
Boron	11-1	16612	17073	17347	17011	2.18	cps
Bromine	81-1	16958	17559	16266	16928	3.82	cps
Cadmium	111-1	866	898	823	862	4.39	cps
Cadmium	106-1	1108	1008	1058	1058	4.72	cps
Cadmium	108-1	50	71	92	71	29.41	cps
Calcium	43-1	5369	5115	5220	5235	2.44	cps
Calcium	44-1	104358	105148	104089	104532	0.53	cps
Carbon	12-1	4396390	4224164	4406477	4342344	2.36	cps
Carbon	12-2	45304	43574	44393	44424	1.95	cps
Chlorine	35-1	182156	181716	179927	181266	0.65	cps
Chlorine	35-2	1475	1558	1258	1431	10.83	cps
Chromium	52-2	2527	2614	2534	2558	1.89	cps
Cobalt	59-2	1950	1760	1760	1823	6.02	cps
Copper	63-2	3234	3127	3327	3229	3.10	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	25	42	0	22	94.38	cps
Gadolinium	160-2	30	30	7	22	60.61	cps
Holmium	165-1	3584715	3502885	3391555	3493052	2.78	cps
Holmium	165-2	1815754	1881914	1855637	1851102	1.80	cps
Indium	115-1	3268344	3216618	3272792	3252585	0.96	cps
Indium	115-2	546327	551705	545193	547742	0.64	cps
Iron	54-2	2439	2734	2545	2572	5.80	cps
Iron	56-2	42458	41895	41644	41999	0.99	cps
Iron	57-2	1145	1211	1295	1217	6.18	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:54:49	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	727	657	673	7.02	cps
Lead	206-1	1783	2000	2156	1980	9.44	cps
Lead	207-1	1967	2045	1939	1984	2.76	cps
Lead	208-1	8207	8801	8512	8507	3.50	cps
Lithium	6-1	1485181	1465024	1430114	1460106	1.91	cps
Magnesium	24-2	42254	40750	40173	41059	2.62	cps
Manganese	55-2	550	570	597	572	4.09	cps
Molybdenum	94-1	6752	6493	6860	6702	2.81	cps
Molybdenum	95-1	7694	8044	7744	7827	2.42	cps
Molybdenum	96-1	9554	8928	8970	9150	3.82	cps
Molybdenum	97-1	4868	4834	5026	4909	2.09	cps
Molybdenum	98-1	12815	12331	12247	12464	2.46	cps
Neodymium	150-1	20	0	33	18	94.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	660	593	609	7.45	cps
Phosphorus	31-2	100	117	192	136	35.87	cps
Potassium	39-2	50473	50397	48583	49817	2.15	cps
Rhodium	103-1	3248191	3176852	3162715	3195919	1.43	cps
Rhodium	103-2	1606127	1596250	1645975	1616117	1.63	cps
Scandium	45-1	2572871	2586232	2478333	2545812	2.31	cps
Scandium	45-2	93928	93344	94137	93803	0.44	cps
Selenium	82-1	341	195	289	275	26.88	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	107	97	87	97	10.31	cps
Silicon	28-1	677308	674060	673553	674973	0.30	cps
Silver	107-1	3651	3634	3434	3573	3.38	cps
Silver	109-1	3067	3501	3042	3203	8.05	cps
Sodium	23-2	95858	95908	94589	95452	0.78	cps
Strontium	86-1	1709	2109	2159	1992	12.38	cps
Strontium	88-1	9529	9745	9278	9517	2.45	cps
Sulfur	34-1	292443	290223	287226	289964	0.90	cps
Terbium	159-1	3728180	3775397	3643737	3715772	1.80	cps
Terbium	159-2	1749189	1847842	1857046	1818026	3.29	cps
Thallium	203-1	2284	2467	2300	2350	4.31	cps
Thallium	205-1	5585	4993	5376	5318	5.65	cps
Tin	118-1	12464	11914	12514	12297	2.71	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:54:49	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2600	2742	2900	2748	5.46	cps
Uranium	238-1	6410	6410	6869	6563	4.03	cps
Vanadium	51-2	4394	4427	4221	4347	2.55	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	300	292	367	319	12.87	cps
Ytterbium	176-2	1889	1928	2084	1967	5.23	cps
Yttrium	89-1	5050467	5256927	5124117	5143837	2.03	cps
Yttrium	89-2	581925	589994	594211	588710	1.06	cps
Zinc	66-2	483	413	440	446	7.93	cps
Zirconium	90-1	5593	5751	6068	5804	4.17	cps
Zirconium	91-1	1333	1258	1117	1236	8.90	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : ICB99 Instrumnet Name : P8
 Client Sample ID : ICB99 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 14:57:54 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	96	111	105	7.62	cps
Antimony	121-1	83	117	75	92	24.05	cps
Arsenic	75-2	7	7	9	8	15.06	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	33	17	33	28	34.63	cps
Beryllium	9-1	70	62	56	63	11.21	cps
Bismuth	209-1	2053024	2050683	2129751	2077819	2.17	cps
Bismuth	209-2	1236169	1232437	1231942	1233516	0.19	cps
Boron	10-1	2154	2196	2066	2138	3.10	cps
Boron	11-1	10322	10424	10063	10270	1.81	cps
Bromine	81-1	16677	16948	17609	17078	2.81	cps
Cadmium	111-1	189	211	242	214	12.33	cps
Cadmium	106-1	942	1008	1100	1017	7.82	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	205	199	206	203	1.98	cps
Calcium	44-1	19655	19654	20035	19781	1.11	cps
Carbon	12-1	4201265	4334717	4170998	4235660	2.06	cps
Carbon	12-2	42863	41919	43908	42897	2.32	cps
Chlorine	35-1	176478	173129	175742	175117	1.00	cps
Chlorine	35-2	1417	1375	1458	1417	2.94	cps
Chromium	52-2	600	527	580	569	6.66	cps
Cobalt	59-2	37	83	47	56	44.22	cps
Copper	63-2	460	370	400	410	11.18	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	33	23	33	30	19.25	cps
Holmium	165-1	3458100	3535118	3729110	3574109	3.91	cps
Holmium	165-2	1859420	1824161	1809099	1830893	1.41	cps
Indium	115-1	3265417	3275792	3419620	3320276	2.60	cps
Indium	115-2	554052	554530	553578	554053	0.09	cps
Iron	54-2	361	378	389	376	3.72	cps
Iron	56-2	2923	3250	3023	3065	5.48	cps
Iron	57-2	239	200	250	230	11.44	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICB99	Instrumnet Name :	P8
Client Sample ID :	ICB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:57:54	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	650	623	630	2.80	cps
Lead	206-1	367	417	300	361	16.21	cps
Lead	207-1	333	317	278	309	9.22	cps
Lead	208-1	1367	1383	1256	1335	5.20	cps
Lithium	6-1	1439629	1545602	1476159	1487130	3.62	cps
Magnesium	24-2	717	650	592	653	9.58	cps
Manganese	55-2	40	57	53	50	17.64	cps
Molybdenum	94-1	133	133	183	150	19.24	cps
Molybdenum	95-1	58	83	58	67	21.65	cps
Molybdenum	96-1	142	117	133	131	9.75	cps
Molybdenum	97-1	42	33	25	33	25.01	cps
Molybdenum	98-1	67	108	67	81	29.86	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	113	133	80	109	24.75	cps
Phosphorus	31-2	133	42	67	81	58.82	cps
Potassium	39-2	17812	17895	17303	17670	1.81	cps
Rhodium	103-1	3140875	3126241	3353350	3206822	3.96	cps
Rhodium	103-2	1653619	1624311	1678201	1652044	1.63	cps
Scandium	45-1	2574990	2524255	2760698	2619981	4.75	cps
Scandium	45-2	95667	93029	93848	94181	1.43	cps
Selenium	82-1	35	15	11	20	63.61	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	68	68	70	69	1.68	cps
Silicon	28-1	649109	648244	647541	648298	0.12	cps
Silver	107-1	67	58	108	78	34.44	cps
Silver	109-1	33	117	100	83	52.92	cps
Sodium	23-2	14708	15600	14858	15055	3.17	cps
Strontium	86-1	950	1233	1142	1108	13.05	cps
Strontium	88-1	192	233	242	222	12.05	cps
Sulfur	34-1	284497	287022	292344	287954	1.39	cps
Terbium	159-1	3727038	3770828	3908199	3802022	2.49	cps
Terbium	159-2	1827976	1893824	1882534	1868111	1.88	cps
Thallium	203-1	150	183	158	164	10.58	cps
Thallium	205-1	408	283	308	333	19.84	cps
Tin	118-1	492	600	600	564	11.09	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICB99	Instrumnet Name :	P8
Client Sample ID :	ICB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 14:57:54	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	183	283	225	23.13	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	0	8	42	17	132.30	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	442	358	458	419	12.77	cps
Ytterbium	176-2	1922	2128	2056	2035	5.12	cps
Yttrium	89-1	5101387	5184511	5395476	5227125	2.90	cps
Yttrium	89-2	602946	597488	588732	596389	1.20	cps
Zinc	66-2	143	183	103	143	27.91	cps
Zirconium	90-1	358	408	333	367	10.41	cps
Zirconium	91-1	83	67	42	64	32.83	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : ICSA99 Instrumnet Name : P8
 Client Sample ID : ICSA99 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:01:01 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3055616	3023501	3012567	3030561	0.74	cps
Antimony	121-1	3209	3200	3434	3281	4.04	cps
Arsenic	75-2	37	41	31	36	13.85	cps
Barium	135-1	1292	1083	1133	1170	9.30	cps
Barium	137-1	2109	1767	1850	1909	9.34	cps
Beryllium	9-1	296	278	374	316	16.15	cps
Bismuth	209-1	2069534	2063110	2148862	2093835	2.28	cps
Bismuth	209-2	1219250	1210612	1230460	1220107	0.82	cps
Boron	10-1	2554	2414	2292	2420	5.42	cps
Boron	11-1	11917	11945	11498	11786	2.12	cps
Bromine	81-1	16797	18281	18071	17716	4.53	cps
Cadmium	111-1	546	526	523	532	2.35	cps
Cadmium	106-1	1125	1225	1242	1197	5.27	cps
Cadmium	108-1	458	492	388	446	11.93	cps
Calcium	43-1	1221302	1219735	1187870	1209636	1.56	cps
Calcium	44-1	19176016	19873008	19615063	19554695	1.80	cps
Carbon	12-1	15729385	15959943	15756993	15815440	0.80	cps
Carbon	12-2	164279	167854	165072	165735	1.13	cps
Chlorine	35-1	3050716	3705545	4256284	3670848	16.44	cps
Chlorine	35-2	42705	46751	51266	46908	9.13	cps
Chromium	52-2	22725	22284	22181	22397	1.29	cps
Cobalt	59-2	2124	2344	2440	2302	7.05	cps
Copper	63-2	11355	11315	10854	11175	2.49	cps
Dysprosium	156-1	17	83	8	36	113.84	cps
Dysprosium	156-2	13	20	0	11	91.66	cps
Erbium	164-1	33	58	58	50	28.87	cps
Erbium	164-2	20	10	0	10	100.00	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	53	40	23	39	38.65	cps
Holmium	165-1	3650410	3717570	3840278	3736086	2.58	cps
Holmium	165-2	1937336	1920486	1861104	1906308	2.10	cps
Indium	115-1	3346886	3440129	3496357	3427791	2.20	cps
Indium	115-2	552141	544635	554080	550285	0.91	cps
Iron	54-2	4879890	4790456	4764971	4811772	1.25	cps
Iron	56-2	85089469	87065627	86916446	86357181	1.27	cps
Iron	57-2	2225218	2210931	2189408	2208519	0.82	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSA99	Instrumnet Name :	P8
Client Sample ID :	ICSA99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:01:01	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	797	673	706	11.34	cps
Lead	206-1	8975	9493	9348	9272	2.88	cps
Lead	207-1	7641	7297	7775	7571	3.26	cps
Lead	208-1	35425	35598	35670	35564	0.35	cps
Lithium	6-1	1509533	1599762	1685619	1598304	5.51	cps
Magnesium	24-2	8819366	8816354	8537413	8724378	1.86	cps
Manganese	55-2	4291	4407	4174	4291	2.72	cps
Molybdenum	94-1	1954712	1990369	1977003	1974028	0.91	cps
Molybdenum	95-1	3425469	3438728	3537293	3467163	1.76	cps
Molybdenum	96-1	3740816	3732278	3783260	3752118	0.73	cps
Molybdenum	97-1	2063573	2140887	2091695	2098718	1.86	cps
Molybdenum	98-1	5390068	5521158	5455890	5455705	1.20	cps
Neodymium	150-1	0	27	40	22	91.65	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2840	2997	2987	2941	2.98	cps
Phosphorus	31-2	158102	153047	159767	156972	2.23	cps
Potassium	39-2	6981805	6854460	6864634	6900300	1.03	cps
Rhodium	103-1	3196330	3199770	3280950	3225684	1.48	cps
Rhodium	103-2	1600905	1563430	1665750	1610028	3.22	cps
Scandium	45-1	2761231	2630694	2728643	2706856	2.51	cps
Scandium	45-2	95050	93926	96105	95027	1.15	cps
Selenium	82-1	44	-113	32	-12	-712.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	62	55	57	7.65	cps
Silicon	28-1	718023	721583	720678	720095	0.26	cps
Silver	107-1	275	167	142	194	36.45	cps
Silver	109-1	183	158	117	153	22.04	cps
Sodium	23-2	17848072	17924080	17772944	17848365	0.42	cps
Strontium	86-1	41412	42700	41788	41967	1.58	cps
Strontium	88-1	346403	352286	356784	351824	1.48	cps
Sulfur	34-1	1856376	1841270	1830045	1842564	0.72	cps
Terbium	159-1	4022597	3989433	3968345	3993458	0.68	cps
Terbium	159-2	1948649	1898402	1887217	1911423	1.71	cps
Thallium	203-1	217	208	208	211	2.28	cps
Thallium	205-1	617	608	592	606	2.10	cps
Tin	118-1	1117	958	1008	1028	7.87	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSA99	Instrumnet Name :	P8
Client Sample ID :	ICSA99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:01:01	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1177734	1143575	1155951	1159087	1.49	cps
Uranium	238-1	200	117	175	164	26.09	cps
Vanadium	51-2	140	127	117	128	9.16	cps
Ytterbium	172-1	8	17	33	19	65.47	cps
Ytterbium	172-2	17	17	6	13	49.47	cps
Ytterbium	176-1	425	408	350	394	9.98	cps
Ytterbium	176-2	1911	1950	2306	2056	10.58	cps
Yttrium	89-1	5484800	5347287	5623169	5485085	2.51	cps
Yttrium	89-2	609150	598942	605947	604680	0.86	cps
Zinc	66-2	2167	2137	2044	2116	3.04	cps
Zirconium	90-1	483	483	383	450	12.83	cps
Zirconium	91-1	33	142	117	97	58.35	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3046269	3031570	2893033	2990291	2.83	cps
Antimony	121-1	60200	59983	61037	60406	0.92	cps
Arsenic	75-2	2062	1942	1999	2001	3.00	cps
Barium	135-1	16519	16711	17178	16802	2.02	cps
Barium	137-1	28347	29416	28330	28698	2.17	cps
Beryllium	9-1	17965	18186	18526	18226	1.55	cps
Bismuth	209-1	2078581	2115821	2234840	2143081	3.81	cps
Bismuth	209-2	1224011	1202408	1209922	1212114	0.90	cps
Boron	10-1	6240	6584	6798	6541	4.31	cps
Boron	11-1	30644	32117	32101	31620	2.67	cps
Bromine	81-1	16787	17138	17940	17289	3.42	cps
Cadmium	111-1	14337	13907	13733	13992	2.22	cps
Cadmium	106-1	3225	2850	2817	2964	7.65	cps
Cadmium	108-1	1696	1721	1708	1708	0.73	cps
Calcium	43-1	1220606	1232333	1210500	1221146	0.89	cps
Calcium	44-1	20138132	20503888	20315820	20319280	0.90	cps
Carbon	12-1	15707341	16462389	16407759	16192496	2.60	cps
Carbon	12-2	168586	164712	169860	167719	1.60	cps
Chlorine	35-1	6342745	7298098	8225975	7288939	12.92	cps
Chlorine	35-2	70154	76251	81932	76112	7.74	cps
Chromium	52-2	45268	45666	44479	45138	1.34	cps
Cobalt	59-2	42069	40327	40267	40888	2.50	cps
Copper	63-2	39141	39913	39555	39536	0.98	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	33	47	30	37	24.06	cps
Holmium	165-1	3715598	3732366	3911598	3786521	2.87	cps
Holmium	165-2	1920175	1915218	1950061	1928484	0.98	cps
Indium	115-1	3385722	3248645	3465215	3366527	3.25	cps
Indium	115-2	553867	555143	551640	553550	0.32	cps
Iron	54-2	4944673	4677634	4869741	4830683	2.85	cps
Iron	56-2	87761999	85296266	87672471	86910245	1.61	cps
Iron	57-2	2311256	2190123	2144853	2215411	3.88	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	683	700	682	2.69	cps
Lead	206-1	49411	50203	50376	49997	1.03	cps
Lead	207-1	40319	42041	40341	40900	2.42	cps
Lead	208-1	189008	193627	191144	191260	1.21	cps
Lithium	6-1	1648674	1567741	1621234	1612550	2.55	cps
Magnesium	24-2	8593405	8672039	8573762	8613068	0.60	cps
Manganese	55-2	14674	14674	14868	14739	0.76	cps
Molybdenum	94-1	2141835	2180711	2184360	2168969	1.09	cps
Molybdenum	95-1	3518395	3451600	3612014	3527336	2.28	cps
Molybdenum	96-1	3845469	3796528	3831650	3824549	0.66	cps
Molybdenum	97-1	2152405	2195364	2168202	2171990	1.00	cps
Molybdenum	98-1	5413168	5473482	5572701	5486450	1.47	cps
Neodymium	150-1	33	47	13	31	53.94	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	13487	13036	13260	13261	1.70	cps
Phosphorus	31-2	154038	155810	152889	154245	0.95	cps
Potassium	39-2	7005759	6843632	6833429	6894273	1.40	cps
Rhodium	103-1	3225393	3149912	3265272	3213526	1.82	cps
Rhodium	103-2	1615439	1678409	1629699	1641182	2.01	cps
Scandium	45-1	2712783	2828261	2752235	2764426	2.12	cps
Scandium	45-2	96066	95543	96328	95979	0.42	cps
Selenium	82-1	1235	1194	1150	1193	3.55	cps
Selenium	77-2	20	40	23	28	38.58	cps
Selenium	78-2	197	191	202	197	2.80	cps
Silicon	28-1	876125	871513	882208	876615	0.61	cps
Silver	107-1	73380	73314	74712	73802	1.07	cps
Silver	109-1	67273	69091	69635	68666	1.80	cps
Sodium	23-2	17661238	17696210	17897036	17751495	0.72	cps
Strontium	86-1	107898	108697	109218	108605	0.61	cps
Strontium	88-1	920305	914915	923062	919427	0.45	cps
Sulfur	34-1	1824219	1833234	1833875	1830443	0.29	cps
Terbium	159-1	3950920	3898227	4016341	3955162	1.50	cps
Terbium	159-2	1923796	1902447	1965939	1930727	1.67	cps
Thallium	203-1	47939	49404	49780	49041	1.98	cps
Thallium	205-1	115507	116406	118850	116921	1.48	cps
Tin	118-1	140195	138760	144360	141105	2.06	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	ICSAB99	Instrumnet Name :	P8
Client Sample ID :	ICSAB99	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:03:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1182833	1219829	1201744	1201469	1.54	cps
Uranium	238-1	415844	409689	424164	416565	1.74	cps
Vanadium	51-2	18832	17951	17978	18254	2.75	cps
Ytterbium	172-1	42	50	8	33	66.15	cps
Ytterbium	172-2	0	17	0	6	173.21	cps
Ytterbium	176-1	775	783	883	814	7.41	cps
Ytterbium	176-2	2178	2178	2367	2241	4.87	cps
Yttrium	89-1	5571213	5471116	5628251	5556860	1.43	cps
Yttrium	89-2	619094	617353	611095	615847	0.68	cps
Zinc	66-2	4851	5054	4861	4922	2.33	cps
Zirconium	90-1	341372	350333	352690	348132	1.72	cps
Zirconium	91-1	76260	75631	78480	76790	1.95	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CCV25 Instrumnet Name : P8
 Client Sample ID : CCV25 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:06:50 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1568801	1573135	1529248	1557061	1.55	cps
Antimony	121-1	1411525	1395183	1401286	1402665	0.59	cps
Arsenic	75-2	47282	47211	46765	47086	0.60	cps
Barium	135-1	1932306	1963348	1960211	1951955	0.88	cps
Barium	137-1	3366735	3325660	3312015	3334804	0.85	cps
Beryllium	9-1	438812	438797	442814	440141	0.53	cps
Bismuth	209-1	2048594	2074301	2082155	2068350	0.85	cps
Bismuth	209-2	1173114	1192210	1179536	1181620	0.82	cps
Boron	10-1	101067	111089	112259	108138	5.69	cps
Boron	11-1	494407	529009	560453	527956	6.26	cps
Bromine	81-1	17830	17569	17088	17496	2.15	cps
Cadmium	111-1	332534	323354	332032	329307	1.57	cps
Cadmium	106-1	38914	38237	37251	38134	2.19	cps
Cadmium	108-1	26384	25612	26705	26234	2.14	cps
Calcium	43-1	3059034	3009341	2957427	3008600	1.69	cps
Calcium	44-1	48699195	49402519	48707699	48936471	0.82	cps
Carbon	12-1	5440588	5398737	5455343	5431556	0.54	cps
Carbon	12-2	59019	57990	57957	58322	1.04	cps
Chlorine	35-1	4482975	4253000	3998898	4244958	5.70	cps
Chlorine	35-2	27084	25198	23269	25184	7.57	cps
Chromium	52-2	537699	541493	533880	537691	0.71	cps
Cobalt	59-2	936913	946641	918229	933928	1.55	cps
Copper	63-2	7615088	7880065	7626938	7707363	1.94	cps
Dysprosium	156-1	267	283	417	322	25.52	cps
Dysprosium	156-2	170	150	163	161	6.32	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	33	47	33	38	20.39	cps
Gadolinium	160-1	325	300	258	294	11.44	cps
Gadolinium	160-2	183	183	160	176	7.68	cps
Holmium	165-1	3789957	3770567	3843280	3801268	0.99	cps
Holmium	165-2	1956893	1980918	1897359	1945057	2.21	cps
Indium	115-1	3430589	3360994	3427006	3406196	1.15	cps
Indium	115-2	542137	547141	539866	543048	0.69	cps
Iron	54-2	5911453	5896422	5888850	5898908	0.20	cps
Iron	56-2	105941063	107239602	103969700	105716788	1.56	cps
Iron	57-2	2717177	2654270	2703214	2691553	1.23	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:06:50	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	603	713	646	9.18	cps
Lead	206-1	5036621	5028911	5137767	5067766	1.20	cps
Lead	207-1	4297027	4436765	4451638	4395143	1.94	cps
Lead	208-1	19582978	19887951	20190844	19887258	1.53	cps
Lithium	6-1	1641224	1684846	1608098	1644723	2.34	cps
Magnesium	24-2	22600411	22571053	21783369	22318278	2.08	cps
Manganese	55-2	2801420	2910858	2754545	2822274	2.84	cps
Molybdenum	94-1	6601662	6486470	6491742	6526625	1.00	cps
Molybdenum	95-1	9295980	9589644	9226253	9370625	2.06	cps
Molybdenum	96-1	10360432	10172331	10395343	10309369	1.16	cps
Molybdenum	97-1	5760020	5766982	5882304	5803102	1.18	cps
Molybdenum	98-1	14793664	15283700	15071584	15049650	1.63	cps
Neodymium	150-1	133	120	140	131	7.77	cps
Neodymium	150-2	27	30	23	27	12.51	cps
Nickel	60-2	253447	253312	249948	252236	0.79	cps
Phosphorus	31-2	15042	14658	14574	14758	1.69	cps
Potassium	39-2	8742129	8622190	8741107	8701808	0.79	cps
Rhodium	103-1	3223921	3191606	3200883	3205470	0.52	cps
Rhodium	103-2	1568724	1552672	1542165	1554520	0.86	cps
Scandium	45-1	2816752	2818058	2765891	2800234	1.06	cps
Scandium	45-2	94787	95586	95880	95418	0.59	cps
Selenium	82-1	27836	27999	27840	27892	0.33	cps
Selenium	77-2	947	957	847	917	6.64	cps
Selenium	78-2	3183	3127	3189	3166	1.08	cps
Silicon	28-1	25388264	26055439	26096562	25846755	1.54	cps
Silver	107-1	1921678	1850106	1868489	1880091	1.98	cps
Silver	109-1	1783351	1755302	1772681	1770445	0.80	cps
Sodium	23-2	44912949	44622719	44072070	44535912	0.96	cps
Strontium	86-1	6023747	5914177	6168335	6035420	2.11	cps
Strontium	88-1	51431195	50839575	52241364	51504045	1.37	cps
Sulfur	34-1	468294	472673	480129	473699	1.26	cps
Terbium	159-1	3991264	4038046	3968055	3999122	0.89	cps
Terbium	159-2	1912956	1883069	1881440	1892489	0.94	cps
Thallium	203-1	1190189	1169612	1185338	1181713	0.91	cps
Thallium	205-1	2857852	2893315	2855495	2868888	0.74	cps
Tin	118-1	1261313	1256442	1286176	1267977	1.26	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:06:50	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3151807	3209867	3157623	3173099	1.01	cps
Uranium	238-1	3751069	3751631	3917319	3806673	2.52	cps
Vanadium	51-2	449941	451071	437963	446325	1.63	cps
Ytterbium	172-1	42	108	108	86	44.70	cps
Ytterbium	172-2	33	11	39	28	52.92	cps
Ytterbium	176-1	5735	5701	5868	5768	1.53	cps
Ytterbium	176-2	4518	4851	4962	4777	4.84	cps
Yttrium	89-1	5577693	5486774	5564470	5542979	0.89	cps
Yttrium	89-2	616342	608381	596448	607057	1.65	cps
Zinc	66-2	746804	749602	740543	745650	0.62	cps
Zirconium	90-1	3238735	3284854	3336611	3286733	1.49	cps
Zirconium	91-1	719344	722226	724090	721887	0.33	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P8
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:20:13 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	87	105	98	9.63	cps
Antimony	121-1	133	100	183	139	30.20	cps
Arsenic	75-2	11	5	9	8	36.66	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	17	25	25	22	21.64	cps
Beryllium	9-1	66	68	56	63	10.15	cps
Bismuth	209-1	2025900	1979392	2085372	2030221	2.62	cps
Bismuth	209-2	1168792	1166965	1174996	1170251	0.36	cps
Boron	10-1	3130	2980	2752	2954	6.44	cps
Boron	11-1	14154	14194	14240	14196	0.30	cps
Bromine	81-1	16547	16697	15414	16220	4.32	cps
Cadmium	111-1	219	175	155	183	17.98	cps
Cadmium	106-1	1000	875	750	875	14.29	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	180	200	180	187	6.19	cps
Calcium	44-1	19351	19391	19575	19439	0.61	cps
Carbon	12-1	4292247	4265648	4403410	4320435	1.69	cps
Carbon	12-2	43507	44368	41284	43053	3.70	cps
Chlorine	35-1	967477	948675	953715	956622	1.02	cps
Chlorine	35-2	7027	6502	6535	6688	4.40	cps
Chromium	52-2	550	577	533	553	3.95	cps
Cobalt	59-2	60	63	47	57	15.56	cps
Copper	63-2	337	423	433	398	13.36	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	42	22	94.38	cps
Erbium	164-2	3	23	13	13	75.02	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	3608681	3530813	3351020	3496838	3.78	cps
Holmium	165-2	1752061	1733098	1805671	1763610	2.13	cps
Indium	115-1	3217005	3248064	3205130	3223400	0.69	cps
Indium	115-2	520082	518568	520505	519718	0.20	cps
Iron	54-2	444	528	494	489	8.58	cps
Iron	56-2	3045	3062	3317	3141	4.86	cps
Iron	57-2	222	222	294	246	16.93	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:20:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	600	780	669	14.52	cps
Lead	206-1	350	433	367	383	11.50	cps
Lead	207-1	322	372	239	311	21.65	cps
Lead	208-1	1383	1550	1400	1445	6.36	cps
Lithium	6-1	1483585	1527197	1521667	1510816	1.57	cps
Magnesium	24-2	567	633	642	614	6.70	cps
Manganese	55-2	23	47	30	33	36.07	cps
Molybdenum	94-1	117	158	167	147	18.20	cps
Molybdenum	95-1	183	67	67	106	63.81	cps
Molybdenum	96-1	333	150	133	206	53.99	cps
Molybdenum	97-1	92	100	58	83	26.45	cps
Molybdenum	98-1	208	183	175	189	9.18	cps
Neodymium	150-1	13	53	7	24	103.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	133	157	183	158	15.86	cps
Phosphorus	31-2	50	133	75	86	49.66	cps
Potassium	39-2	17194	17269	16802	17088	1.47	cps
Rhodium	103-1	3040953	3115937	3160182	3105691	1.94	cps
Rhodium	103-2	1542981	1568655	1566037	1559224	0.91	cps
Scandium	45-1	2594106	2539469	2476130	2536568	2.33	cps
Scandium	45-2	88827	88833	89933	89198	0.71	cps
Selenium	82-1	37	57	-127	-11	-890.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	64	60	60	61	3.76	cps
Silicon	28-1	637663	627197	632635	632498	0.83	cps
Silver	107-1	100	100	100	100	0.00	cps
Silver	109-1	25	25	67	39	61.86	cps
Sodium	23-2	15375	15659	16351	15795	3.18	cps
Strontium	86-1	1100	1183	1075	1120	5.07	cps
Strontium	88-1	233	183	133	183	27.27	cps
Sulfur	34-1	284786	282569	277474	281609	1.33	cps
Terbium	159-1	3827383	3762396	3700020	3763267	1.69	cps
Terbium	159-2	1795792	1748901	1791014	1778569	1.45	cps
Thallium	203-1	217	267	167	217	23.08	cps
Thallium	205-1	667	608	617	631	5.00	cps
Tin	118-1	542	592	600	578	5.46	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:20:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	208	208	219	8.77	cps
Uranium	238-1	17	17	42	25	57.73	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	217	233	250	233	7.14	cps
Ytterbium	176-2	1678	1861	1739	1759	5.31	cps
Yttrium	89-1	5273785	5180053	4993281	5149040	2.77	cps
Yttrium	89-2	576943	568289	563216	569483	1.22	cps
Zinc	66-2	67	80	73	73	9.09	cps
Zirconium	90-1	325	317	383	342	10.63	cps
Zirconium	91-1	50	67	92	69	30.20	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P8
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:23:19 DataFile Name : 021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	726	617	651	9.99	cps
Antimony	121-1	5043	5268	5460	5257	3.97	cps
Arsenic	75-2	102	91	98	97	5.74	cps
Barium	135-1	6543	7010	6844	6799	3.48	cps
Barium	137-1	11689	11497	11630	11605	0.85	cps
Beryllium	9-1	846	916	890	884	4.00	cps
Bismuth	209-1	2075017	2070203	2070489	2071903	0.13	cps
Bismuth	209-2	1185315	1217606	1216828	1206583	1.53	cps
Boron	10-1	3938	4074	4286	4099	4.28	cps
Boron	11-1	19147	20326	20424	19966	3.56	cps
Bromine	81-1	17710	17489	16778	17325	2.81	cps
Cadmium	111-1	763	868	809	813	6.50	cps
Cadmium	106-1	1183	1150	1050	1128	6.15	cps
Cadmium	108-1	100	71	67	79	22.94	cps
Calcium	43-1	5492	5334	5320	5382	1.77	cps
Calcium	44-1	104633	105199	104230	104688	0.46	cps
Carbon	12-1	4401263	4283991	4569358	4418204	3.25	cps
Carbon	12-2	43599	44142	44234	43992	0.78	cps
Chlorine	35-1	837992	851467	840373	843278	0.85	cps
Chlorine	35-2	6151	5776	6293	6074	4.40	cps
Chromium	52-2	2624	2677	2614	2638	1.29	cps
Cobalt	59-2	1797	1853	1933	1861	3.69	cps
Copper	63-2	3087	3364	3067	3173	5.23	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	20	47	27	31	44.61	cps
Holmium	165-1	3640389	3566066	3643392	3616616	1.21	cps
Holmium	165-2	1763858	1812037	1793109	1789668	1.36	cps
Indium	115-1	3240314	3219595	3201525	3220478	0.60	cps
Indium	115-2	534265	536909	536969	536048	0.29	cps
Iron	54-2	2428	2750	2706	2628	6.65	cps
Iron	56-2	41773	46513	41071	43119	6.87	cps
Iron	57-2	1295	1217	1122	1211	7.12	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:23:19	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	747	720	707	6.80	cps
Lead	206-1	2178	2245	2278	2234	2.28	cps
Lead	207-1	1717	1850	1939	1835	6.09	cps
Lead	208-1	8157	8740	8857	8585	4.37	cps
Lithium	6-1	1521333	1512882	1567689	1533968	1.92	cps
Magnesium	24-2	40490	41836	40356	40894	2.00	cps
Manganese	55-2	483	603	553	547	11.03	cps
Molybdenum	94-1	6577	7119	6327	6674	6.07	cps
Molybdenum	95-1	7727	7794	7752	7758	0.43	cps
Molybdenum	96-1	8603	9170	8728	8834	3.37	cps
Molybdenum	97-1	4593	4376	5043	4670	7.28	cps
Molybdenum	98-1	12623	12431	12256	12436	1.48	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	600	647	637	628	3.91	cps
Phosphorus	31-2	167	125	92	128	29.41	cps
Potassium	39-2	47688	47069	47998	47585	0.99	cps
Rhodium	103-1	3156878	3119207	3157649	3144578	0.70	cps
Rhodium	103-2	1554354	1558194	1594554	1569034	1.41	cps
Scandium	45-1	2565321	2508873	2645389	2573194	2.67	cps
Scandium	45-2	88226	88448	89671	88782	0.88	cps
Selenium	82-1	247	180	237	221	16.31	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	92	93	102	96	5.76	cps
Silicon	28-1	658362	663874	661371	661202	0.42	cps
Silver	107-1	3992	3542	3434	3656	8.10	cps
Silver	109-1	3225	3292	3342	3287	1.78	cps
Sodium	23-2	93943	96017	93952	94637	1.26	cps
Strontium	86-1	1959	2267	2167	2131	7.38	cps
Strontium	88-1	9295	9595	9378	9423	1.64	cps
Sulfur	34-1	286834	290572	287047	288151	0.73	cps
Terbium	159-1	3774092	3657518	3653728	3695113	1.85	cps
Terbium	159-2	1783031	1797851	1820553	1800478	1.05	cps
Thallium	203-1	2417	2375	2567	2453	4.11	cps
Thallium	205-1	5543	5535	5718	5599	1.85	cps
Tin	118-1	12339	12331	12823	12498	2.25	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:23:19	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2759	2692	3175	2875	9.11	cps
Uranium	238-1	6852	7077	7136	7022	2.13	cps
Vanadium	51-2	4021	4027	4231	4093	2.92	cps
Ytterbium	172-1	8	0	17	8	100.02	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	458	267	375	367	26.21	cps
Ytterbium	176-2	1945	1889	2217	2017	8.70	cps
Yttrium	89-1	5261055	5322781	5356908	5313581	0.91	cps
Yttrium	89-2	572539	581486	572324	575450	0.91	cps
Zinc	66-2	337	433	380	383	12.63	cps
Zirconium	90-1	5910	5893	5993	5932	0.90	cps
Zirconium	91-1	1367	1167	1250	1261	7.97	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:26:26	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629	602	634	622	2.70	cps
Antimony	121-1	5351	5093	5259	5234	2.50	cps
Arsenic	75-2	81	117	113	104	19.03	cps
Barium	135-1	6568	6919	6802	6763	2.64	cps
Barium	137-1	11213	12289	11739	11747	4.58	cps
Beryllium	9-1	942	882	876	900	4.06	cps
Bismuth	209-1	2086484	2053636	1962439	2034186	3.16	cps
Bismuth	209-2	1263483	1075568	1083483	1140845	9.32	cps
Boron	10-1	3912	3868	4068	3949	2.66	cps
Boron	11-1	18987	19601	19707	19432	2.00	cps
Bromine	81-1	16246	16767	16316	16443	1.72	cps
Cadmium	111-1	740	780	912	811	11.07	cps
Cadmium	106-1	1117	1100	1083	1100	1.52	cps
Cadmium	108-1	71	46	67	61	21.92	cps
Calcium	43-1	5319	5360	5334	5338	0.39	cps
Calcium	44-1	104492	104057	105437	104662	0.67	cps
Carbon	12-1	4495962	4393096	4429180	4439413	1.18	cps
Carbon	12-2	44610	44710	44669	44663	0.11	cps
Chlorine	35-1	732138	725240	713419	723599	1.31	cps
Chlorine	35-2	5535	5476	5476	5496	0.61	cps
Chromium	52-2	2670	2670	2400	2580	6.04	cps
Cobalt	59-2	1750	1863	1883	1832	3.92	cps
Copper	63-2	3170	3370	3034	3192	5.31	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	3	10	23	12	83.33	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	33	33	43	37	15.75	cps
Holmium	165-1	3606420	3518441	3356682	3493848	3.63	cps
Holmium	165-2	1857528	1656547	1585799	1699958	8.29	cps
Indium	115-1	3273175	3299341	3182138	3251552	1.89	cps
Indium	115-2	561079	480447	482060	507862	9.08	cps
Iron	54-2	2567	2695	2734	2665	3.27	cps
Iron	56-2	41488	41137	41756	41461	0.75	cps
Iron	57-2	1056	1245	1133	1145	8.30	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:26:26	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	567	630	618	7.48	cps
Lead	206-1	2017	2028	2278	2108	7.01	cps
Lead	207-1	1956	1861	1706	1841	6.86	cps
Lead	208-1	8501	8279	8340	8373	1.37	cps
Lithium	6-1	1485202	1556045	1394369	1478539	5.48	cps
Magnesium	24-2	40741	41033	40941	40905	0.37	cps
Manganese	55-2	497	567	510	524	7.09	cps
Molybdenum	94-1	6852	6593	6210	6552	4.93	cps
Molybdenum	95-1	7727	7644	8019	7797	2.53	cps
Molybdenum	96-1	8611	9153	9237	9000	3.77	cps
Molybdenum	97-1	4968	4759	5068	4932	3.19	cps
Molybdenum	98-1	12339	12965	12564	12623	2.51	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	707	470	623	600	20.01	cps
Phosphorus	31-2	125	117	108	117	7.14	cps
Potassium	39-2	49126	48407	47630	48387	1.55	cps
Rhodium	103-1	3089819	3261986	2948580	3100128	5.06	cps
Rhodium	103-2	1675418	1339123	1417986	1477509	11.90	cps
Scandium	45-1	2619986	2558205	2393255	2523815	4.64	cps
Scandium	45-2	95327	83038	81283	86550	8.84	cps
Selenium	82-1	265	363	321	317	15.53	cps
Selenium	77-2	3	10	13	9	57.30	cps
Selenium	78-2	102	90	74	89	15.84	cps
Silicon	28-1	664888	654563	657671	659041	0.80	cps
Silver	107-1	3267	3609	3459	3445	4.97	cps
Silver	109-1	3084	3184	3251	3173	2.64	cps
Sodium	23-2	94196	93693	92830	93573	0.74	cps
Strontium	86-1	1934	2359	2084	2125	10.14	cps
Strontium	88-1	9295	9270	9295	9287	0.15	cps
Sulfur	34-1	276665	277539	282962	279055	1.22	cps
Terbium	159-1	3676938	3778607	3615360	3690302	2.23	cps
Terbium	159-2	1913669	1611491	1607819	1710993	10.26	cps
Thallium	203-1	2292	2450	2525	2423	4.92	cps
Thallium	205-1	5501	5343	5510	5451	1.72	cps
Tin	118-1	11847	12197	12314	12120	2.01	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:26:26	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2817	2917	3009	2914	3.29	cps
Uranium	238-1	6710	7002	6552	6755	3.38	cps
Vanadium	51-2	4051	4021	4071	4047	0.62	cps
Ytterbium	172-1	17	8	8	11	43.34	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	250	383	392	342	23.27	cps
Ytterbium	176-2	1956	1817	1928	1900	3.87	cps
Yttrium	89-1	5017244	5001883	4920240	4979789	1.05	cps
Yttrium	89-2	603463	513762	513372	543532	9.55	cps
Zinc	66-2	423	390	403	406	4.14	cps
Zirconium	90-1	5960	6235	5785	5993	3.79	cps
Zirconium	91-1	1450	1067	1408	1308	16.08	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463214	1407319	1477351	1449295	2.56	cps
Antimony	121-1	1125	1142	1100	1122	1.87	cps
Arsenic	75-2	2268	2173	2227	2223	2.14	cps
Barium	135-1	211109	208561	208701	209457	0.68	cps
Barium	137-1	369693	362824	365749	366089	0.94	cps
Beryllium	9-1	2534	2582	2522	2546	1.25	cps
Bismuth	209-1	2427553	2432522	2395348	2418475	0.83	cps
Bismuth	209-2	1384446	1387445	1386370	1386087	0.11	cps
Boron	10-1	3540	3536	3570	3548	0.52	cps
Boron	11-1	17017	17817	17285	17373	2.35	cps
Bromine	81-1	18592	17720	17399	17903	3.45	cps
Cadmium	111-1	1399	1185	1427	1337	9.89	cps
Cadmium	106-1	2100	1717	1984	1934	10.16	cps
Cadmium	108-1	263	250	225	246	7.77	cps
Calcium	43-1	401411	394834	392420	396222	1.17	cps
Calcium	44-1	7102084	6708574	6797235	6869298	3.00	cps
Carbon	12-1	6993470	7398549	7320249	7237423	2.97	cps
Carbon	12-2	75017	76508	70813	74113	3.99	cps
Chlorine	35-1	653696	633039	618628	635121	2.78	cps
Chlorine	35-2	4126	4176	3817	4040	4.81	cps
Chromium	52-2	118396	118494	117574	118155	0.43	cps
Cobalt	59-2	102399	100637	102228	101755	0.96	cps
Copper	63-2	90248	88195	88819	89088	1.18	cps
Dysprosium	156-1	42452	43315	41482	42416	2.16	cps
Dysprosium	156-2	19668	19725	20058	19817	1.06	cps
Erbium	164-1	30394	30586	29342	30107	2.22	cps
Erbium	164-2	14601	14318	13700	14207	3.24	cps
Gadolinium	160-1	40537	38799	39208	39515	2.30	cps
Gadolinium	160-2	21711	21234	21467	21471	1.11	cps
Holmium	165-1	4243564	4239150	4183421	4222045	0.79	cps
Holmium	165-2	2213303	2124796	2158980	2165693	2.06	cps
Indium	115-1	3999555	3819146	3896579	3905093	2.32	cps
Indium	115-2	622478	620190	610876	617848	0.99	cps
Iron	54-2	5093080	4965515	5035708	5031434	1.27	cps
Iron	56-2	94234330	93394108	90771821	92800086	1.95	cps
Iron	57-2	2380389	2343620	2338288	2354099	0.97	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	743	760	741	2.71	cps
Lead	206-1	314674	304829	301719	307074	2.20	cps
Lead	207-1	253908	247772	252793	251491	1.30	cps
Lead	208-1	1195583	1169570	1171004	1178719	1.24	cps
Lithium	6-1	1929866	1934258	1897334	1920486	1.05	cps
Magnesium	24-2	2376870	2457048	2432247	2422055	1.69	cps
Manganese	55-2	1156200	1151000	1135109	1147436	0.96	cps
Molybdenum	94-1	72951	73059	70731	72247	1.82	cps
Molybdenum	95-1	9779	9595	9645	9673	0.98	cps
Molybdenum	96-1	24606	22193	22661	23154	5.53	cps
Molybdenum	97-1	5701	5901	5868	5824	1.84	cps
Molybdenum	98-1	14399	15267	14116	14594	4.11	cps
Neodymium	150-1	81178	79240	77751	79390	2.16	cps
Neodymium	150-2	28698	28751	27899	28449	1.68	cps
Nickel	60-2	56030	56499	56194	56241	0.42	cps
Phosphorus	31-2	3184	3651	3451	3428	6.83	cps
Potassium	39-2	321098	322579	327686	323787	1.07	cps
Rhodium	103-1	3769143	3722194	3693200	3728179	1.03	cps
Rhodium	103-2	1756669	1858896	1746859	1787475	3.47	cps
Scandium	45-1	3283996	3183606	3096633	3188078	2.94	cps
Scandium	45-2	108758	108063	107381	108068	0.64	cps
Selenium	82-1	105	117	34	85	52.63	cps
Selenium	77-2	127	187	120	144	25.42	cps
Selenium	78-2	146	139	142	142	2.47	cps
Silicon	28-1	7583483	9930125	7746315	8419975	15.56	cps
Silver	107-1	1267	1292	1442	1333	7.10	cps
Silver	109-1	1000	958	1058	1006	5.00	cps
Sodium	23-2	94328	89165	88033	90509	3.71	cps
Strontium	86-1	92498	88255	91795	90849	2.50	cps
Strontium	88-1	772993	772368	791426	778929	1.39	cps
Sulfur	34-1	282414	280981	279850	281082	0.46	cps
Terbium	159-1	4522527	4421167	4473008	4472234	1.13	cps
Terbium	159-2	2092818	2131104	2079525	2101149	1.27	cps
Thallium	203-1	1717	1642	1692	1683	2.27	cps
Thallium	205-1	4034	4134	4426	4198	4.85	cps
Tin	118-1	18297	15843	15926	16689	8.35	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:29:31	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	396410	417814	392627	402283	3.38	cps
Uranium	238-1	28274	27890	27639	27934	1.14	cps
Vanadium	51-2	59724	61498	58556	59926	2.47	cps
Ytterbium	172-1	8078	8061	8294	8144	1.60	cps
Ytterbium	172-2	4840	4590	4651	4694	2.78	cps
Ytterbium	176-1	6368	5960	5643	5990	6.07	cps
Ytterbium	176-2	5351	5468	5585	5468	2.13	cps
Yttrium	89-1	6641206	6881645	6628756	6717203	2.12	cps
Yttrium	89-2	739128	732562	732300	734663	0.53	cps
Zinc	66-2	130304	131364	129575	130414	0.69	cps
Zirconium	90-1	191006	187858	182114	186993	2.41	cps
Zirconium	91-1	42114	42491	42688	42431	0.69	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1523618	1463812	1497755	1495062	2.01	cps
Antimony	121-1	1017	1150	1167	1111	7.40	cps
Arsenic	75-2	2597	2355	2415	2456	5.11	cps
Barium	135-1	225275	223208	223091	223858	0.55	cps
Barium	137-1	382237	376837	388297	382457	1.50	cps
Beryllium	9-1	2552	2458	2596	2535	2.78	cps
Bismuth	209-1	2413870	2420795	1882889	2239185	13.78	cps
Bismuth	209-2	1351228	1323453	1365734	1346805	1.60	cps
Boron	10-1	3156	3332	3400	3296	3.82	cps
Boron	11-1	15771	16248	16194	16071	1.62	cps
Bromine	81-1	17519	18862	18221	18201	3.69	cps
Cadmium	111-1	1221	1120	1189	1177	4.37	cps
Cadmium	106-1	1900	1884	1475	1753	13.73	cps
Cadmium	108-1	221	271	229	240	11.15	cps
Calcium	43-1	429010	420429	431612	427017	1.37	cps
Calcium	44-1	7227919	7442655	7326649	7332407	1.47	cps
Carbon	12-1	7269401	7268344	7268678	7268808	0.01	cps
Carbon	12-2	76333	74900	74372	75202	1.35	cps
Chlorine	35-1	465383	461413	439837	455544	3.02	cps
Chlorine	35-2	3292	3092	3092	3159	3.66	cps
Chromium	52-2	130938	127695	129828	129487	1.27	cps
Cobalt	59-2	102808	100583	99549	100980	1.65	cps
Copper	63-2	94164	91443	94150	93252	1.68	cps
Dysprosium	156-1	43831	40763	43597	42731	4.00	cps
Dysprosium	156-2	19811	19751	20296	19953	1.50	cps
Erbium	164-1	30711	29032	29300	29681	3.04	cps
Erbium	164-2	14401	14778	14421	14534	1.46	cps
Gadolinium	160-1	38900	39434	39234	39189	0.69	cps
Gadolinium	160-2	21701	21885	22038	21875	0.77	cps
Holmium	165-1	4222093	4360103	3246871	3943022	15.39	cps
Holmium	165-2	2022500	2058671	2049675	2043615	0.92	cps
Indium	115-1	4087651	3949576	2973615	3670281	16.55	cps
Indium	115-2	611253	594245	607995	604498	1.49	cps
Iron	54-2	4989446	5181362	5133115	5101308	1.96	cps
Iron	56-2	91420585	89149213	91012108	90527302	1.34	cps
Iron	57-2	2364345	2279217	2310199	2317920	1.86	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	723	750	722	3.93	cps
Lead	206-1	394694	386640	390289	390541	1.03	cps
Lead	207-1	329943	318285	326397	324875	1.84	cps
Lead	208-1	1517149	1494231	1523911	1511764	1.03	cps
Lithium	6-1	1855976	1871981	1457449	1728469	13.59	cps
Magnesium	24-2	2440380	2351617	2425946	2405981	1.98	cps
Manganese	55-2	1221698	1205386	1201824	1209636	0.88	cps
Molybdenum	94-1	72698	72950	75572	73740	2.16	cps
Molybdenum	95-1	9729	9295	9854	9626	3.05	cps
Molybdenum	96-1	23228	24055	25107	24130	3.90	cps
Molybdenum	97-1	5976	5918	6468	6121	4.94	cps
Molybdenum	98-1	15626	15067	15125	15273	2.01	cps
Neodymium	150-1	79408	77014	77939	78120	1.55	cps
Neodymium	150-2	28828	27238	28143	28069	2.84	cps
Nickel	60-2	56897	55913	56154	56321	0.91	cps
Phosphorus	31-2	3150	3651	3367	3389	7.40	cps
Potassium	39-2	319940	311153	316626	315906	1.40	cps
Rhodium	103-1	3888439	3761577	2851756	3500591	16.15	cps
Rhodium	103-2	1826044	1740229	1724365	1763546	3.10	cps
Scandium	45-1	3110134	3259407	2424791	2931444	15.18	cps
Scandium	45-2	105921	104947	105766	105545	0.50	cps
Selenium	82-1	119	70	55	81	40.77	cps
Selenium	77-2	153	143	150	149	3.42	cps
Selenium	78-2	118	146	129	131	10.77	cps
Silicon	28-1	12522023	9980844	13234125	11912331	14.36	cps
Silver	107-1	1033	983	1208	1075	10.99	cps
Silver	109-1	1017	908	933	953	5.95	cps
Sodium	23-2	82737	85293	84157	84062	1.52	cps
Strontium	86-1	95124	98775	99278	97726	2.32	cps
Strontium	88-1	850069	835650	816524	834081	2.02	cps
Sulfur	34-1	269218	271148	273981	271449	0.88	cps
Terbium	159-1	4605737	4654006	3452476	4237406	16.05	cps
Terbium	159-2	2124337	2006186	2089893	2073472	2.93	cps
Thallium	203-1	1208	1383	1383	1325	7.63	cps
Thallium	205-1	3067	3125	2959	3050	2.77	cps
Tin	118-1	15278	13541	14350	14389	6.04	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DUP	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:34:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442108	437539	449979	443209	1.42	cps
Uranium	238-1	28307	28391	29018	28572	1.36	cps
Vanadium	51-2	64927	63611	63879	64139	1.08	cps
Ytterbium	172-1	8737	8661	8503	8634	1.38	cps
Ytterbium	172-2	4779	4923	4634	4779	3.02	cps
Ytterbium	176-1	6260	6027	5977	6088	2.49	cps
Ytterbium	176-2	5624	5540	5751	5638	1.89	cps
Yttrium	89-1	7146294	6927664	5286285	6453414	15.75	cps
Yttrium	89-2	717042	709027	725372	717147	1.14	cps
Zinc	66-2	121101	119278	120564	120314	0.78	cps
Zirconium	90-1	189558	184398	192241	188732	2.11	cps
Zirconium	91-1	41379	41613	42382	41791	1.26	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240712	237684	231656	236684	1.95	cps
Antimony	121-1	358	200	258	272	29.42	cps
Arsenic	75-2	375	360	369	368	2.05	cps
Barium	135-1	34755	33768	35915	34812	3.09	cps
Barium	137-1	62588	60227	59280	60698	2.81	cps
Beryllium	9-1	484	482	528	498	5.22	cps
Bismuth	209-1	2039086	2054410	2022496	2038664	0.78	cps
Bismuth	209-2	1225342	1231258	1229780	1228793	0.25	cps
Boron	10-1	2376	2456	2200	2344	5.59	cps
Boron	11-1	11710	11402	11446	11520	1.45	cps
Bromine	81-1	17780	17639	17870	17763	0.65	cps
Cadmium	111-1	387	363	414	388	6.61	cps
Cadmium	106-1	1092	1167	1142	1133	3.37	cps
Cadmium	108-1	63	71	50	61	17.16	cps
Calcium	43-1	67054	66388	66706	66716	0.50	cps
Calcium	44-1	1199199	1120001	1133752	1150984	3.68	cps
Carbon	12-1	4835040	4853382	4723014	4803812	1.47	cps
Carbon	12-2	49493	50078	48564	49378	1.55	cps
Chlorine	35-1	432765	431354	432391	432170	0.17	cps
Chlorine	35-2	3100	3567	2800	3156	12.25	cps
Chromium	52-2	21820	21039	21146	21335	1.99	cps
Cobalt	59-2	18642	17594	17714	17984	3.19	cps
Copper	63-2	16603	15375	16333	16104	4.01	cps
Dysprosium	156-1	7369	7085	6785	7080	4.12	cps
Dysprosium	156-2	3220	3450	3317	3329	3.47	cps
Erbium	164-1	4984	5160	4876	5007	2.86	cps
Erbium	164-2	2580	2440	2580	2534	3.19	cps
Gadolinium	160-1	6360	6310	6485	6385	1.41	cps
Gadolinium	160-2	3574	3761	3954	3763	5.05	cps
Holmium	165-1	3704456	3752606	3560115	3672393	2.73	cps
Holmium	165-2	1858390	1894120	1836798	1863103	1.55	cps
Indium	115-1	3350709	3346196	3172145	3289684	3.10	cps
Indium	115-2	556713	545426	554904	552348	1.10	cps
Iron	54-2	851168	819178	834428	834925	1.92	cps
Iron	56-2	15735526	15688293	15682081	15701967	0.19	cps
Iron	57-2	374981	373727	374903	374537	0.19	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	687	687	709	5.43	cps
Lead	206-1	51497	51190	53137	51941	2.01	cps
Lead	207-1	44432	42186	43005	43208	2.63	cps
Lead	208-1	202640	196411	204167	201073	2.04	cps
Lithium	6-1	1519320	1647547	1473058	1546642	5.84	cps
Magnesium	24-2	415435	404125	409914	409825	1.38	cps
Manganese	55-2	200724	199231	195808	198588	1.27	cps
Molybdenum	94-1	12798	11864	11955	12206	4.22	cps
Molybdenum	95-1	1959	1517	1750	1742	12.69	cps
Molybdenum	96-1	4242	4142	4301	4229	1.89	cps
Molybdenum	97-1	1067	1192	1117	1125	5.59	cps
Molybdenum	98-1	2975	2575	2675	2742	7.59	cps
Neodymium	150-1	13520	13887	12986	13465	3.36	cps
Neodymium	150-2	5004	4941	5011	4985	0.78	cps
Nickel	60-2	10307	10317	9834	10153	2.72	cps
Phosphorus	31-2	708	667	717	697	3.84	cps
Potassium	39-2	72375	70397	69502	70758	2.08	cps
Rhodium	103-1	3256886	3202252	3117991	3192376	2.19	cps
Rhodium	103-2	1651809	1637260	1627226	1638765	0.75	cps
Scandium	45-1	2626905	2729906	2579931	2645580	2.90	cps
Scandium	45-2	94086	94291	93676	94018	0.33	cps
Selenium	82-1	-58	-7	3	-20	-160.93	cps
Selenium	77-2	20	20	30	23	24.74	cps
Selenium	78-2	60	81	66	69	15.67	cps
Silicon	28-1	2037565	1655700	1881593	1858286	10.33	cps
Silver	107-1	200	267	183	217	20.35	cps
Silver	109-1	250	233	275	253	8.30	cps
Sodium	23-2	29164	27727	27652	28181	3.02	cps
Strontium	86-1	16994	16118	16310	16474	2.80	cps
Strontium	88-1	130191	127380	130451	129340	1.32	cps
Sulfur	34-1	250228	246834	249378	248813	0.71	cps
Terbium	159-1	3816467	3851934	3608723	3759042	3.50	cps
Terbium	159-2	1837023	1869969	1893810	1866934	1.53	cps
Thallium	203-1	625	417	392	478	26.81	cps
Thallium	205-1	1267	1208	1142	1206	5.19	cps
Tin	118-1	3659	3392	3651	3567	4.25	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02LX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:37:44	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	67318	67584	65208	66703	1.95	cps
Uranium	238-1	4676	4568	4726	4657	1.74	cps
Vanadium	51-2	10624	10154	10010	10263	3.13	cps
Ytterbium	172-1	1408	1442	1358	1403	2.99	cps
Ytterbium	172-2	756	861	783	800	6.84	cps
Ytterbium	176-1	1467	1325	1192	1328	10.36	cps
Ytterbium	176-2	2517	2917	2400	2611	10.38	cps
Yttrium	89-1	5446035	5599206	5366398	5470546	2.16	cps
Yttrium	89-2	617645	607476	604473	609865	1.13	cps
Zinc	66-2	23433	23343	23353	23376	0.21	cps
Zirconium	90-1	34052	32973	31002	32676	4.73	cps
Zirconium	91-1	7652	6443	7135	7077	8.57	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1826401	1786995	1784225	1799207	1.31	cps
Antimony	121-1	1427321	1419734	1452652	1433236	1.20	cps
Arsenic	75-2	61190	59884	59550	60208	1.44	cps
Barium	135-1	2214906	2334203	2294708	2281272	2.66	cps
Barium	137-1	3651722	4000666	3866735	3839708	4.58	cps
Beryllium	9-1	518396	521425	516607	518810	0.47	cps
Bismuth	209-1	2027484	2150525	2080729	2086246	2.96	cps
Bismuth	209-2	1147585	1197287	1212519	1185797	2.86	cps
Boron	10-1	36097	40233	40810	39047	6.58	cps
Boron	11-1	176018	191388	199399	188935	6.29	cps
Bromine	81-1	19133	18672	17800	18535	3.65	cps
Cadmium	111-1	387475	391541	391954	390323	0.63	cps
Cadmium	106-1	45769	47140	47224	46711	1.75	cps
Cadmium	108-1	31227	31302	31181	31237	0.20	cps
Calcium	43-1	814036	823272	825850	821053	0.76	cps
Calcium	44-1	14186766	13956701	14045799	14063089	0.82	cps
Carbon	12-1	7011683	7668779	7771449	7483970	5.51	cps
Carbon	12-2	78937	77103	77496	77846	1.24	cps
Chlorine	35-1	425968	416154	416745	419622	1.31	cps
Chlorine	35-2	3142	3017	2634	2931	9.04	cps
Chromium	52-2	802150	766086	758292	775509	3.02	cps
Cobalt	59-2	1228740	1204699	1185219	1206219	1.81	cps
Copper	63-2	8822742	8554220	8699514	8692159	1.55	cps
Dysprosium	156-1	45144	43078	43555	43926	2.46	cps
Dysprosium	156-2	22259	21277	21661	21732	2.28	cps
Erbium	164-1	32399	33301	32474	32724	1.53	cps
Erbium	164-2	16377	16053	15993	16141	1.28	cps
Gadolinium	160-1	40495	40596	42770	41287	3.11	cps
Gadolinium	160-2	23791	23134	23361	23429	1.43	cps
Holmium	165-1	3785453	3793973	3587392	3722273	3.14	cps
Holmium	165-2	1795274	1926379	1838390	1853348	3.61	cps
Indium	115-1	3251196	3496532	3251004	3332911	4.25	cps
Indium	115-2	509904	540526	542810	531080	3.46	cps
Iron	54-2	6639303	6525922	6527090	6564105	0.99	cps
Iron	56-2	116718797	117479892	115431553	116543414	0.89	cps
Iron	57-2	3050584	2958320	2892780	2967228	2.67	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	850	700	754	11.01	cps
Lead	206-1	5959869	5942085	5953630	5951861	0.15	cps
Lead	207-1	5328161	5174100	5200055	5234106	1.58	cps
Lead	208-1	23537326	23939901	23523314	23666847	1.00	cps
Lithium	6-1	1638105	1664470	1727269	1676614	2.73	cps
Magnesium	24-2	6506935	6265008	6404277	6392073	1.90	cps
Manganese	55-2	4817484	4761888	4665674	4748349	1.62	cps
Molybdenum	94-1	3719847	4003821	3833765	3852478	3.71	cps
Molybdenum	95-1	4326954	4484483	4409005	4406814	1.79	cps
Molybdenum	96-1	4977802	4874995	4990973	4947923	1.28	cps
Molybdenum	97-1	2646246	2765857	2742617	2718240	2.33	cps
Molybdenum	98-1	6868136	6887092	6936880	6897369	0.51	cps
Neodymium	150-1	81439	81245	80460	81048	0.64	cps
Neodymium	150-2	29840	29329	29265	29478	1.07	cps
Nickel	60-2	358355	348957	346646	351319	1.77	cps
Phosphorus	31-2	4109	3809	4017	3978	3.87	cps
Potassium	39-2	2193106	2172147	2117002	2160752	1.82	cps
Rhodium	103-1	3191572	3331339	3205966	3242959	2.37	cps
Rhodium	103-2	1474897	1588839	1567144	1543627	3.92	cps
Scandium	45-1	2765722	2787294	2775041	2776019	0.39	cps
Scandium	45-2	89870	96424	97126	94473	4.24	cps
Selenium	82-1	33660	33391	33959	33670	0.84	cps
Selenium	77-2	1350	1183	1190	1241	7.60	cps
Selenium	78-2	4055	3969	3963	3996	1.29	cps
Silicon	28-1	8144757	9082903	8293618	8507092	5.93	cps
Silver	107-1	1754899	1788649	1813928	1785826	1.66	cps
Silver	109-1	1727990	1657819	1652164	1679324	2.52	cps
Sodium	23-2	9222190	9392143	9113313	9242549	1.52	cps
Strontium	86-1	782768	771336	780467	778190	0.78	cps
Strontium	88-1	7050083	6436145	6751923	6746051	4.55	cps
Sulfur	34-1	282565	287098	288206	285956	1.05	cps
Terbium	159-1	3978082	3896105	4087276	3987154	2.41	cps
Terbium	159-2	1790175	1825442	1891017	1835545	2.79	cps
Thallium	203-1	1339738	1324357	1349684	1337926	0.95	cps
Thallium	205-1	3220132	3314069	3167387	3233863	2.30	cps
Tin	118-1	1314848	1330160	1326323	1323777	0.60	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MS	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:40:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1947249	1970113	1975406	1964256	0.76	cps
Uranium	238-1	4277861	4562059	4362492	4400804	3.32	cps
Vanadium	51-2	608528	592956	585075	595520	2.00	cps
Ytterbium	172-1	8970	9587	9162	9240	3.42	cps
Ytterbium	172-2	5373	5184	5312	5290	1.82	cps
Ytterbium	176-1	6527	6677	6402	6535	2.11	cps
Ytterbium	176-2	5268	5296	5762	5442	5.11	cps
Yttrium	89-1	6043111	5920515	5903410	5955678	1.28	cps
Yttrium	89-2	623679	661116	661731	648842	3.36	cps
Zinc	66-2	1026332	1003474	996382	1008729	1.55	cps
Zirconium	90-1	3686778	3754245	3689913	3710312	1.03	cps
Zirconium	91-1	797722	814507	802245	804825	1.08	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1677221	1722172	1673393	1690928	1.60	cps
Antimony	121-1	1447846	1428140	1400840	1425609	1.66	cps
Arsenic	75-2	58331	59269	56978	58193	1.98	cps
Barium	135-1	2208974	2293578	2335387	2279313	2.83	cps
Barium	137-1	3759745	3797846	3838711	3798767	1.04	cps
Beryllium	9-1	514241	519642	519528	517804	0.60	cps
Bismuth	209-1	2103665	2072671	2138789	2105041	1.57	cps
Bismuth	209-2	1253053	1236584	1105845	1198494	6.73	cps
Boron	10-1	40373	44200	45469	43347	6.12	cps
Boron	11-1	201130	205290	218694	208371	4.40	cps
Bromine	81-1	17970	17760	18401	18044	1.81	cps
Cadmium	111-1	388498	381918	387280	385899	0.91	cps
Cadmium	106-1	44707	46237	44548	45164	2.06	cps
Cadmium	108-1	30651	30384	31311	30782	1.55	cps
Calcium	43-1	1090794	1105204	1081625	1092541	1.09	cps
Calcium	44-1	18722684	18284808	19235867	18747786	2.54	cps
Carbon	12-1	7300816	7407920	7662800	7457179	2.49	cps
Carbon	12-2	73551	74330	77262	75048	2.61	cps
Chlorine	35-1	382725	374129	369711	375522	1.76	cps
Chlorine	35-2	2684	2775	2734	2731	1.68	cps
Chromium	52-2	740394	732583	717672	730216	1.58	cps
Cobalt	59-2	1174411	1185005	1139324	1166247	2.05	cps
Copper	63-2	8516706	8564576	8267697	8449659	1.89	cps
Dysprosium	156-1	42193	39016	40445	40552	3.92	cps
Dysprosium	156-2	19054	19277	18690	19007	1.56	cps
Erbium	164-1	28857	28081	29158	28698	1.94	cps
Erbium	164-2	14461	14211	13771	14148	2.47	cps
Gadolinium	160-1	37361	36442	37253	37019	1.36	cps
Gadolinium	160-2	20619	20820	20833	20757	0.58	cps
Holmium	165-1	3667846	3657120	3793774	3706247	2.05	cps
Holmium	165-2	1944453	1886336	1685582	1838790	7.39	cps
Indium	115-1	3448942	3291284	3390682	3376969	2.36	cps
Indium	115-2	556578	549554	486940	531024	7.22	cps
Iron	54-2	5850000	5960580	5841548	5884043	1.13	cps
Iron	56-2	107927666	105868691	105898222	106564860	1.11	cps
Iron	57-2	2727369	2725028	2617777	2690058	2.33	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	643	743	694	7.21	cps
Lead	206-1	6101215	5922491	5789134	5937613	2.64	cps
Lead	207-1	5157281	5267390	4951271	5125314	3.13	cps
Lead	208-1	23588086	23405434	22908970	23300830	1.51	cps
Lithium	6-1	1620827	1703648	1668769	1664414	2.50	cps
Magnesium	24-2	6856389	6956511	6904084	6905661	0.73	cps
Manganese	55-2	4447777	4355734	4417712	4407074	1.06	cps
Molybdenum	94-1	3924026	3748346	3891910	3854761	2.43	cps
Molybdenum	95-1	4534217	4410262	4534362	4492947	1.59	cps
Molybdenum	96-1	5042506	5028849	5042895	5038083	0.16	cps
Molybdenum	97-1	2733733	2698297	2709261	2713764	0.67	cps
Molybdenum	98-1	7094643	6889626	6908535	6964268	1.63	cps
Neodymium	150-1	75364	72247	73454	73688	2.13	cps
Neodymium	150-2	26566	26630	26253	26483	0.76	cps
Nickel	60-2	340103	339959	328319	336127	2.01	cps
Phosphorus	31-2	3375	3209	3175	3253	3.29	cps
Potassium	39-2	2156779	2160482	2066101	2127787	2.51	cps
Rhodium	103-1	3263818	3166822	3213566	3214735	1.51	cps
Rhodium	103-2	1645806	1617722	1444185	1569237	6.96	cps
Scandium	45-1	2864892	2722565	2842015	2809824	2.72	cps
Scandium	45-2	100720	98049	87822	95530	7.13	cps
Selenium	82-1	33674	33711	33552	33646	0.25	cps
Selenium	77-2	1343	1320	1243	1302	4.02	cps
Selenium	78-2	3956	3999	3699	3885	4.18	cps
Silicon	28-1	10551045	9841249	8641810	9678035	9.97	cps
Silver	107-1	1767406	1779875	1809633	1785638	1.22	cps
Silver	109-1	1720120	1706124	1667793	1698013	1.60	cps
Sodium	23-2	9094269	9123025	8715109	8977468	2.54	cps
Strontium	86-1	764536	760897	770852	765428	0.66	cps
Strontium	88-1	6578257	6713778	6869843	6720626	2.17	cps
Sulfur	34-1	283062	286509	289423	286331	1.11	cps
Terbium	159-1	4138210	4050557	3981763	4056843	1.93	cps
Terbium	159-2	1943069	1955038	1716210	1871439	7.19	cps
Thallium	203-1	1334621	1325127	1312630	1324126	0.83	cps
Thallium	205-1	3363902	3320104	3126003	3270003	3.87	cps
Tin	118-1	1293305	1261312	1280390	1278336	1.26	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02MSD	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:43:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1929550	1905574	1958317	1931147	1.37	cps
Uranium	238-1	4467756	4308222	4360022	4378667	1.86	cps
Vanadium	51-2	569095	571080	554088	564754	1.65	cps
Ytterbium	172-1	7794	8261	8253	8103	3.30	cps
Ytterbium	172-2	5001	5073	4662	4912	4.47	cps
Ytterbium	176-1	5868	6035	6127	6010	2.18	cps
Ytterbium	176-2	5218	5701	5018	5312	6.62	cps
Yttrium	89-1	5755304	5894199	6040463	5896655	2.42	cps
Yttrium	89-2	665984	660370	600683	642346	5.63	cps
Zinc	66-2	955772	973252	941112	956712	1.68	cps
Zirconium	90-1	3629383	3602348	3715887	3649206	1.63	cps
Zirconium	91-1	799434	784490	797912	793945	1.04	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1760111	1747803	1772310	1760075	0.70	cps
Antimony	121-1	1425775	1463180	1418043	1435666	1.68	cps
Arsenic	75-2	59352	59957	58904	59404	0.89	cps
Barium	135-1	2347691	2241636	2218349	2269225	3.04	cps
Barium	137-1	3931619	3796796	3812435	3846950	1.92	cps
Beryllium	9-1	524597	519400	518705	520901	0.62	cps
Bismuth	209-1	2110162	2114360	2162323	2128948	1.36	cps
Bismuth	209-2	1243009	1229499	1229318	1233942	0.64	cps
Boron	10-1	42696	44224	46805	44575	4.66	cps
Boron	11-1	207355	221511	221368	216745	3.75	cps
Bromine	81-1	17800	18511	17178	17830	3.74	cps
Cadmium	111-1	391046	380863	381416	384442	1.49	cps
Cadmium	106-1	45058	45910	46989	45986	2.10	cps
Cadmium	108-1	30805	30634	30338	30592	0.77	cps
Calcium	43-1	958866	971074	961133	963691	0.67	cps
Calcium	44-1	16890486	15967998	15991775	16283420	3.23	cps
Carbon	12-1	7637046	7397110	7546398	7526851	1.61	cps
Carbon	12-2	77094	77261	76817	77058	0.29	cps
Chlorine	35-1	366138	356098	364319	362185	1.48	cps
Chlorine	35-2	2450	2509	2525	2495	1.58	cps
Chromium	52-2	744461	745061	751692	747071	0.54	cps
Cobalt	59-2	1193067	1164673	1183691	1180477	1.23	cps
Copper	63-2	8459558	8565323	8535037	8519973	0.64	cps
Dysprosium	156-1	42443	43606	42343	42797	1.64	cps
Dysprosium	156-2	19645	19908	20429	19994	2.00	cps
Erbium	164-1	31446	31713	30160	31107	2.67	cps
Erbium	164-2	15306	15683	14752	15247	3.07	cps
Gadolinium	160-1	39635	39518	39468	39540	0.22	cps
Gadolinium	160-2	21998	22356	21695	22016	1.50	cps
Holmium	165-1	3797283	3772087	3582780	3717383	3.15	cps
Holmium	165-2	1903356	1919450	1901233	1908013	0.52	cps
Indium	115-1	3422065	3366848	3563945	3450953	2.95	cps
Indium	115-2	544680	543282	545841	544601	0.24	cps
Iron	54-2	6009916	6205801	6209211	6141643	1.86	cps
Iron	56-2	110911869	112118486	108058730	110363028	1.89	cps
Iron	57-2	2818982	2754059	2827207	2800083	1.43	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	757	763	747	3.12	cps
Lead	206-1	5776674	6038779	6011972	5942475	2.43	cps
Lead	207-1	5017898	5288433	5108318	5138216	2.68	cps
Lead	208-1	23076144	24019327	23233609	23443027	2.16	cps
Lithium	6-1	1735647	1686370	1628954	1683657	3.17	cps
Magnesium	24-2	6676842	6833997	6918731	6809857	1.80	cps
Manganese	55-2	4453923	4576442	4501683	4510683	1.37	cps
Molybdenum	94-1	3910868	3783409	3710209	3801495	2.67	cps
Molybdenum	95-1	4480488	4407169	4384984	4424214	1.13	cps
Molybdenum	96-1	5033417	4962768	5033190	5009792	0.81	cps
Molybdenum	97-1	2756750	2727619	2758446	2747605	0.63	cps
Molybdenum	98-1	6820459	6960093	7168245	6982933	2.51	cps
Neodymium	150-1	80268	77604	75565	77812	3.03	cps
Neodymium	150-2	28975	28594	27549	28372	2.60	cps
Nickel	60-2	339327	342270	337739	339779	0.68	cps
Phosphorus	31-2	3392	3367	3417	3392	0.74	cps
Potassium	39-2	2195405	2078801	2059545	2111251	3.48	cps
Rhodium	103-1	3217091	3221285	3330791	3256389	1.98	cps
Rhodium	103-2	1618777	1586621	1641381	1615593	1.70	cps
Scandium	45-1	2857664	2800921	2732909	2797165	2.23	cps
Scandium	45-2	96653	99166	98297	98039	1.30	cps
Selenium	82-1	33536	33551	33381	33489	0.28	cps
Selenium	77-2	1323	1120	1083	1176	11.00	cps
Selenium	78-2	3919	3909	3954	3927	0.60	cps
Silicon	28-1	8788505	9199928	9358117	9115517	3.23	cps
Silver	107-1	1844483	1755208	1760371	1786687	2.81	cps
Silver	109-1	1723611	1771743	1702350	1732568	2.05	cps
Sodium	23-2	9307102	9162182	9192091	9220458	0.83	cps
Strontium	86-1	782795	764526	793167	780162	1.86	cps
Strontium	88-1	6621957	6839488	6802362	6754602	1.72	cps
Sulfur	34-1	287149	289078	288883	288370	0.37	cps
Terbium	159-1	3991754	4011282	4207294	4070110	2.93	cps
Terbium	159-2	1860550	1911182	1891469	1887734	1.35	cps
Thallium	203-1	1359704	1339331	1336916	1345317	0.93	cps
Thallium	205-1	3296596	3287534	3235095	3273075	1.01	cps
Tin	118-1	1314378	1306302	1304390	1308357	0.41	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02A	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:46:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2093301	1913236	1854104	1953547	6.38	cps
Uranium	238-1	4483807	4437058	4486856	4469241	0.62	cps
Vanadium	51-2	587183	575507	573434	578708	1.28	cps
Ytterbium	172-1	8503	8336	8745	8528	2.41	cps
Ytterbium	172-2	5146	5157	5084	5129	0.76	cps
Ytterbium	176-1	6443	5935	6218	6199	4.11	cps
Ytterbium	176-2	5318	5685	5679	5561	3.78	cps
Yttrium	89-1	6010842	6104409	5855647	5990299	2.10	cps
Yttrium	89-2	665250	661242	665483	663992	0.36	cps
Zinc	66-2	996709	950676	976691	974692	2.37	cps
Zirconium	90-1	3696296	3777843	3648467	3707535	1.76	cps
Zirconium	91-1	817319	815751	792287	808453	1.73	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1461593	1477155	1446873	1461874	1.04	cps
Antimony	121-1	1592	1934	1850	1792	9.94	cps
Arsenic	75-2	2166	2244	2288	2233	2.77	cps
Barium	135-1	211829	212004	205825	209886	1.68	cps
Barium	137-1	372866	357039	357058	362321	2.52	cps
Beryllium	9-1	2970	2920	2960	2950	0.90	cps
Bismuth	209-1	2427245	2416180	2264160	2369195	3.85	cps
Bismuth	209-2	1378054	1356994	1236399	1323816	5.77	cps
Boron	10-1	7150	6912	6874	6979	2.14	cps
Boron	11-1	34261	33455	32718	33478	2.31	cps
Bromine	81-1	17870	17990	18792	18217	2.75	cps
Cadmium	111-1	1496	1463	1734	1564	9.47	cps
Cadmium	106-1	2142	1742	1775	1886	11.77	cps
Cadmium	108-1	279	313	208	267	19.95	cps
Calcium	43-1	398417	398724	395144	397429	0.50	cps
Calcium	44-1	6962767	6859031	6751628	6857809	1.54	cps
Carbon	12-1	7431542	7411711	7652128	7498460	1.78	cps
Carbon	12-2	77790	76315	78191	77432	1.28	cps
Chlorine	35-1	313849	304531	300758	306379	2.20	cps
Chlorine	35-2	2342	2009	2200	2184	7.66	cps
Chromium	52-2	118611	115416	118755	117594	1.61	cps
Cobalt	59-2	101097	100949	100901	100982	0.10	cps
Copper	63-2	90584	89843	90087	90171	0.42	cps
Dysprosium	156-1	41348	41557	40730	41212	1.04	cps
Dysprosium	156-2	19745	20155	20095	19998	1.11	cps
Erbium	164-1	30536	29141	29083	29586	2.78	cps
Erbium	164-2	14471	14104	14234	14270	1.30	cps
Gadolinium	160-1	41073	39526	38231	39610	3.59	cps
Gadolinium	160-2	21801	21531	21955	21762	0.99	cps
Holmium	165-1	4364064	4145256	3992957	4167426	4.48	cps
Holmium	165-2	2133711	2071870	1952024	2052535	4.50	cps
Indium	115-1	3880960	3827231	3792519	3833570	1.16	cps
Indium	115-2	617864	602421	553167	591151	5.72	cps
Iron	54-2	5033515	5025688	5032539	5030581	0.08	cps
Iron	56-2	92915030	90241377	89299524	90818644	2.07	cps
Iron	57-2	2352105	2299861	2292936	2314967	1.40	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	750	693	731	4.47	cps
Lead	206-1	309025	313762	307039	309942	1.11	cps
Lead	207-1	259218	256043	251774	255679	1.46	cps
Lead	208-1	1195757	1193313	1174340	1187803	0.99	cps
Lithium	6-1	1837801	1860400	1737285	1811829	3.62	cps
Magnesium	24-2	2467277	2491941	2436828	2465349	1.12	cps
Manganese	55-2	1140290	1134533	1112253	1129025	1.31	cps
Molybdenum	94-1	73562	72666	70858	72362	1.90	cps
Molybdenum	95-1	11188	10946	10955	11030	1.25	cps
Molybdenum	96-1	26384	26000	25082	25822	2.59	cps
Molybdenum	97-1	6944	7119	6910	6991	1.60	cps
Molybdenum	98-1	17270	17720	16051	17014	5.07	cps
Neodymium	150-1	80124	78012	79750	79295	1.42	cps
Neodymium	150-2	29182	28049	28791	28674	2.01	cps
Nickel	60-2	55793	55598	56686	56026	1.04	cps
Phosphorus	31-2	3150	3392	3492	3345	5.25	cps
Potassium	39-2	316884	313627	313427	314646	0.62	cps
Rhodium	103-1	3663111	3744444	3545611	3651055	2.74	cps
Rhodium	103-2	1804269	1834756	1631440	1756822	6.24	cps
Scandium	45-1	3168743	3159550	2953563	3093952	3.93	cps
Scandium	45-2	106075	107957	94695	102909	6.97	cps
Selenium	82-1	111	99	146	118	20.78	cps
Selenium	77-2	120	140	123	128	8.38	cps
Selenium	78-2	134	135	131	133	1.56	cps
Silicon	28-1	8580526	10135148	7242312	8652662	16.73	cps
Silver	107-1	1817	2125	1767	1903	10.20	cps
Silver	109-1	1783	1809	1700	1764	3.22	cps
Sodium	23-2	90967	90191	95573	92244	3.15	cps
Strontium	86-1	93933	90788	91384	92035	1.82	cps
Strontium	88-1	780371	767677	760893	769647	1.28	cps
Sulfur	34-1	282051	281215	277639	280302	0.84	cps
Terbium	159-1	4412391	4670071	4319716	4467393	4.06	cps
Terbium	159-2	2130702	2108799	1897999	2045834	6.28	cps
Thallium	203-1	2192	2225	2384	2267	4.52	cps
Thallium	205-1	5226	5101	5118	5148	1.32	cps
Tin	118-1	17487	16519	16844	16950	2.91	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02RE	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)RE	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:50:52	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	391881	389759	389030	390223	0.38	cps
Uranium	238-1	28775	29685	29017	29159	1.62	cps
Vanadium	51-2	61448	60655	60849	60984	0.68	cps
Ytterbium	172-1	8495	8178	8169	8281	2.24	cps
Ytterbium	172-2	4595	4684	4812	4697	2.32	cps
Ytterbium	176-1	5968	6427	5835	6077	5.11	cps
Ytterbium	176-2	5396	5496	5190	5360	2.91	cps
Yttrium	89-1	6570945	6636157	6423744	6543615	1.66	cps
Yttrium	89-2	726398	706820	646270	693163	6.03	cps
Zinc	66-2	133456	131902	132232	132530	0.62	cps
Zirconium	90-1	183220	182142	186333	183898	1.18	cps
Zirconium	91-1	41162	42043	42993	42066	2.18	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243143	242408	240797	242116	0.50	cps
Antimony	121-1	317	475	433	408	20.10	cps
Arsenic	75-2	438	397	423	419	4.95	cps
Barium	135-1	36350	35589	36383	36107	1.24	cps
Barium	137-1	62235	61391	62370	61999	0.86	cps
Beryllium	9-1	604	594	576	591	2.40	cps
Bismuth	209-1	1992671	2044590	2015926	2017729	1.29	cps
Bismuth	209-2	1219676	1202493	1209630	1210599	0.71	cps
Boron	10-1	4212	4262	4212	4228	0.68	cps
Boron	11-1	20532	20080	19731	20114	2.00	cps
Bromine	81-1	17058	16657	17880	17198	3.62	cps
Cadmium	111-1	354	377	519	416	21.47	cps
Cadmium	106-1	917	1092	1200	1070	13.37	cps
Cadmium	108-1	54	83	54	64	26.35	cps
Calcium	43-1	68065	67445	68512	68007	0.79	cps
Calcium	44-1	1190080	1130515	1211525	1177373	3.57	cps
Carbon	12-1	5053632	5207061	4957648	5072780	2.48	cps
Carbon	12-2	52921	51893	51174	51996	1.69	cps
Chlorine	35-1	303489	296092	304385	301322	1.51	cps
Chlorine	35-2	2167	2125	2367	2220	5.82	cps
Chromium	52-2	21823	21600	21006	21476	1.97	cps
Cobalt	59-2	18472	18015	18018	18168	1.45	cps
Copper	63-2	16073	16430	16506	16336	1.42	cps
Dysprosium	156-1	6677	7352	6894	6974	4.94	cps
Dysprosium	156-2	3200	3460	3357	3339	3.92	cps
Erbium	164-1	4951	4859	5043	4951	1.85	cps
Erbium	164-2	2664	2594	2660	2639	1.50	cps
Gadolinium	160-1	6760	6135	6844	6580	5.89	cps
Gadolinium	160-2	3937	3954	3864	3918	1.22	cps
Holmium	165-1	3559482	3617635	3525405	3567507	1.31	cps
Holmium	165-2	1871000	1791504	1859448	1840651	2.33	cps
Indium	115-1	3277810	3308669	3268625	3285035	0.64	cps
Indium	115-2	543084	539315	545185	542528	0.55	cps
Iron	54-2	857223	863366	849921	856837	0.79	cps
Iron	56-2	15804807	15986580	16049729	15947039	0.80	cps
Iron	57-2	389870	376265	377883	381339	1.95	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	607	660	642	4.79	cps
Lead	206-1	51725	51770	54448	52648	2.96	cps
Lead	207-1	44382	42303	45134	43940	3.34	cps
Lead	208-1	200156	198849	208023	202343	2.45	cps
Lithium	6-1	1601942	1593586	1576766	1590765	0.81	cps
Magnesium	24-2	421678	429814	426667	426053	0.96	cps
Manganese	55-2	203684	202320	201345	202450	0.58	cps
Molybdenum	94-1	12297	12373	13741	12804	6.35	cps
Molybdenum	95-1	1884	1742	2017	1881	7.31	cps
Molybdenum	96-1	4184	4451	4634	4423	5.12	cps
Molybdenum	97-1	1050	1300	1150	1167	10.79	cps
Molybdenum	98-1	2850	3259	3209	3106	7.17	cps
Neodymium	150-1	13667	13627	13874	13723	0.97	cps
Neodymium	150-2	5044	4968	4944	4985	1.05	cps
Nickel	60-2	10064	10027	10194	10095	0.87	cps
Phosphorus	31-2	575	575	617	589	4.08	cps
Potassium	39-2	69234	69870	71909	70337	1.99	cps
Rhodium	103-1	3217656	3168123	3235097	3206959	1.08	cps
Rhodium	103-2	1607775	1559087	1571701	1579521	1.60	cps
Scandium	45-1	2639087	2650609	2693359	2661019	1.07	cps
Scandium	45-2	92818	91650	91701	92056	0.72	cps
Selenium	82-1	31	80	50	54	45.66	cps
Selenium	77-2	7	13	40	20	88.19	cps
Selenium	78-2	88	77	81	82	6.79	cps
Silicon	28-1	2138324	2087675	1571721	1932573	16.22	cps
Silver	107-1	383	483	342	403	18.08	cps
Silver	109-1	400	292	333	342	15.99	cps
Sodium	23-2	27860	28002	28813	28225	1.82	cps
Strontium	86-1	15776	16160	16202	16046	1.46	cps
Strontium	88-1	131930	131071	131467	131490	0.33	cps
Sulfur	34-1	241870	245683	246742	244765	1.05	cps
Terbium	159-1	3747800	3681326	3920384	3783170	3.26	cps
Terbium	159-2	1859782	1802945	1789165	1817297	2.06	cps
Thallium	203-1	600	650	708	653	8.31	cps
Thallium	205-1	1342	1400	1417	1386	2.84	cps
Tin	118-1	3225	3351	3651	3409	6.41	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	N1245-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SB-1(4-4.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2022-01-28 15:53:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	66948	67720	68683	67784	1.28	cps
Uranium	238-1	5026	4351	5118	4832	8.67	cps
Vanadium	51-2	10878	10671	10961	10836	1.38	cps
Ytterbium	172-1	1283	1633	1358	1425	12.93	cps
Ytterbium	172-2	811	861	956	876	8.37	cps
Ytterbium	176-1	1233	1025	1350	1203	13.69	cps
Ytterbium	176-2	2617	2617	2606	2613	0.25	cps
Yttrium	89-1	5418091	5262387	5429045	5369841	1.74	cps
Yttrium	89-2	597654	584089	591136	590960	1.15	cps
Zinc	66-2	23616	24074	23380	23690	1.49	cps
Zirconium	90-1	31921	33727	31912	32520	3.21	cps
Zirconium	91-1	7027	6844	7277	7049	3.09	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CCV26 Instrumnet Name : P8
 Client Sample ID : CCV26 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 15:58:21 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533564	1594170	1523219	1550318	2.47	cps
Antimony	121-1	1351917	1376991	1377035	1368647	1.06	cps
Arsenic	75-2	46420	45903	45605	45976	0.90	cps
Barium	135-1	1933917	1960054	1922442	1938804	0.99	cps
Barium	137-1	3350588	3379575	3304965	3345043	1.12	cps
Beryllium	9-1	446071	449699	446528	447433	0.44	cps
Bismuth	209-1	1996346	2020112	1985740	2000732	0.88	cps
Bismuth	209-2	1161730	1184700	1191920	1179450	1.34	cps
Boron	10-1	103316	112178	118253	111249	6.75	cps
Boron	11-1	501752	546350	571001	539701	6.50	cps
Bromine	81-1	17148	17489	17750	17462	1.73	cps
Cadmium	111-1	323509	325213	320564	323095	0.73	cps
Cadmium	106-1	38354	38747	39399	38833	1.36	cps
Cadmium	108-1	25470	25879	26029	25792	1.12	cps
Calcium	43-1	3080249	3003154	3058992	3047465	1.31	cps
Calcium	44-1	49633753	48118731	50892920	49548468	2.80	cps
Carbon	12-1	5342472	5341553	5404374	5362800	0.67	cps
Carbon	12-2	56509	55949	56802	56420	0.77	cps
Chlorine	35-1	294129	292772	292700	293200	0.27	cps
Chlorine	35-2	2117	2025	1984	2042	3.34	cps
Chromium	52-2	534720	519040	520822	524861	1.64	cps
Cobalt	59-2	898452	900462	890648	896521	0.58	cps
Copper	63-2	7497681	7365383	7454329	7439131	0.91	cps
Dysprosium	156-1	350	392	383	375	5.88	cps
Dysprosium	156-2	177	163	127	156	16.64	cps
Erbium	164-1	75	83	142	100	36.32	cps
Erbium	164-2	40	60	43	48	22.43	cps
Gadolinium	160-1	450	300	317	356	23.12	cps
Gadolinium	160-2	127	183	173	161	18.77	cps
Holmium	165-1	3725366	3835701	3645779	3735615	2.55	cps
Holmium	165-2	1815539	1906124	1840890	1854184	2.52	cps
Indium	115-1	3316286	3253688	3322316	3297430	1.15	cps
Indium	115-2	526824	529755	523369	526649	0.61	cps
Iron	54-2	5864743	5834248	5644190	5781060	2.07	cps
Iron	56-2	102400488	105440197	102096161	103312282	1.79	cps
Iron	57-2	2601750	2653034	2606610	2620465	1.08	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:58:21	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	653	643	634	3.87	cps
Lead	206-1	4866959	5119426	5082882	5023089	2.72	cps
Lead	207-1	4364794	4402538	4247691	4338341	1.86	cps
Lead	208-1	19810459	20180509	19631405	19874125	1.41	cps
Lithium	6-1	1654934	1647714	1688039	1663562	1.29	cps
Magnesium	24-2	21548346	21825065	21134868	21502760	1.62	cps
Manganese	55-2	2780819	2811816	2657588	2750074	2.97	cps
Molybdenum	94-1	6313004	6459436	6563525	6445321	1.95	cps
Molybdenum	95-1	8909406	9232456	9311221	9151027	2.33	cps
Molybdenum	96-1	10275672	10227736	10193699	10232369	0.40	cps
Molybdenum	97-1	5729801	5629557	5683576	5680978	0.88	cps
Molybdenum	98-1	14427343	14534896	14777957	14580065	1.23	cps
Neodymium	150-1	160	120	127	136	15.81	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	249703	244473	246104	246760	1.08	cps
Phosphorus	31-2	15726	14691	14341	14919	4.83	cps
Potassium	39-2	8497980	8346737	8472423	8439047	0.96	cps
Rhodium	103-1	3155441	3092352	3137127	3128306	1.04	cps
Rhodium	103-2	1574921	1518736	1532408	1542022	1.90	cps
Scandium	45-1	2714411	2710117	2774831	2733120	1.32	cps
Scandium	45-2	92231	92036	91332	91866	0.51	cps
Selenium	82-1	27744	27912	27463	27706	0.82	cps
Selenium	77-2	900	917	957	924	3.15	cps
Selenium	78-2	3062	3132	3183	3125	1.94	cps
Silicon	28-1	25967313	25558066	25145934	25557104	1.61	cps
Silver	107-1	1855800	1876879	1890658	1874446	0.94	cps
Silver	109-1	1678447	1750481	1746258	1725062	2.34	cps
Sodium	23-2	43061737	43012797	43006853	43027129	0.07	cps
Strontium	86-1	5897135	6023387	5790231	5903584	1.98	cps
Strontium	88-1	49281739	49564876	49423997	49423537	0.29	cps
Sulfur	34-1	494854	493615	483355	490608	1.29	cps
Terbium	159-1	3794491	3873929	4001690	3890037	2.69	cps
Terbium	159-2	1845469	1853223	1898050	1865580	1.52	cps
Thallium	203-1	1166070	1156529	1164414	1162337	0.44	cps
Thallium	205-1	2829880	2956924	2811372	2866058	2.76	cps
Tin	118-1	1220653	1260090	1250483	1243742	1.65	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 15:58:21	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3065453	3179840	3067460	3104251	2.11	cps
Uranium	238-1	3855661	3880747	3811344	3849250	0.91	cps
Vanadium	51-2	433938	438031	434019	435329	0.54	cps
Ytterbium	172-1	17	50	58	42	52.91	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	5776	5535	5243	5518	4.84	cps
Ytterbium	176-2	4745	4590	4784	4706	2.19	cps
Yttrium	89-1	5380329	5323142	5384506	5362659	0.64	cps
Yttrium	89-2	581774	585693	585455	584307	0.38	cps
Zinc	66-2	732784	741199	730999	734994	0.74	cps
Zirconium	90-1	3162145	3221995	3287990	3224043	1.95	cps
Zirconium	91-1	690876	698533	699374	696261	0.67	cps

LB Number : LB118436 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P8
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-28 16:07:20 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	101	135	108	22.65	cps
Antimony	121-1	167	283	200	217	27.74	cps
Arsenic	75-2	4	5	8	6	36.74	cps
Barium	135-1	58	17	58	44	54.12	cps
Barium	137-1	50	50	58	53	9.11	cps
Beryllium	9-1	106	90	104	100	8.72	cps
Bismuth	209-1	2119166	2095397	2034515	2083026	2.10	cps
Bismuth	209-2	1164836	1183511	1177652	1175333	0.81	cps
Boron	10-1	5178	5120	4820	5039	3.81	cps
Boron	11-1	24590	24033	24389	24337	1.16	cps
Bromine	81-1	16246	17128	15635	16337	4.60	cps
Cadmium	111-1	228	237	160	208	20.08	cps
Cadmium	106-1	1058	1092	833	995	14.13	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	191	186	160	179	9.37	cps
Calcium	44-1	18543	18884	18411	18613	1.31	cps
Carbon	12-1	4446009	4576963	4561150	4528041	1.58	cps
Carbon	12-2	44242	44309	43632	44061	0.85	cps
Chlorine	35-1	242461	240247	237614	240107	1.01	cps
Chlorine	35-2	1808	1617	1583	1670	7.27	cps
Chromium	52-2	590	573	453	539	13.84	cps
Cobalt	59-2	97	47	90	78	34.90	cps
Copper	63-2	433	493	413	447	9.32	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	50	50	8	36	66.62	cps
Gadolinium	160-2	3	27	23	18	71.00	cps
Holmium	165-1	3533599	3554725	3442273	3510199	1.70	cps
Holmium	165-2	1732448	1787020	1785162	1768210	1.75	cps
Indium	115-1	3335159	3337029	3145570	3272586	3.36	cps
Indium	115-2	517723	530728	522939	523796	1.25	cps
Iron	54-2	572	489	667	576	15.44	cps
Iron	56-2	3478	4373	4412	4088	12.92	cps
Iron	57-2	267	228	228	241	9.33	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 16:07:20	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	590	733	617	647	11.79	cps
Lead	206-1	483	389	294	389	24.28	cps
Lead	207-1	406	389	317	370	12.76	cps
Lead	208-1	1706	1789	1522	1672	8.16	cps
Lithium	6-1	1562253	1612250	1532581	1569028	2.57	cps
Magnesium	24-2	458	642	725	608	22.43	cps
Manganese	55-2	60	70	83	71	16.46	cps
Molybdenum	94-1	350	267	208	275	25.89	cps
Molybdenum	95-1	342	167	133	214	52.32	cps
Molybdenum	96-1	408	308	258	325	23.50	cps
Molybdenum	97-1	142	133	125	133	6.25	cps
Molybdenum	98-1	358	350	167	292	37.14	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	100	113	113	109	7.07	cps
Phosphorus	31-2	108	83	50	81	36.33	cps
Potassium	39-2	16860	17269	17294	17141	1.42	cps
Rhodium	103-1	3239890	3299555	3083572	3207672	3.48	cps
Rhodium	103-2	1572466	1570554	1551991	1565004	0.72	cps
Scandium	45-1	2590920	2561672	2600043	2584211	0.78	cps
Scandium	45-2	86080	90345	90235	88886	2.74	cps
Selenium	82-1	73	-68	49	18	419.58	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	75	71	50	65	20.55	cps
Silicon	28-1	627726	634203	623339	628423	0.87	cps
Silver	107-1	100	83	50	78	32.73	cps
Silver	109-1	108	175	83	122	38.77	cps
Sodium	23-2	15509	15367	15976	15617	2.04	cps
Strontium	86-1	1133	1100	1067	1100	3.03	cps
Strontium	88-1	433	300	400	378	18.37	cps
Sulfur	34-1	285870	283437	282723	284010	0.58	cps
Terbium	159-1	3850593	3825207	3690102	3788634	2.28	cps
Terbium	159-2	1782429	1798040	1772289	1784253	0.73	cps
Thallium	203-1	292	200	275	256	19.11	cps
Thallium	205-1	500	567	550	539	6.44	cps
Tin	118-1	550	633	475	553	14.33	cps

LB Number :	LB118436	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2022-01-28 16:07:20	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	208	175	206	14.24	cps
Uranium	238-1	75	25	33	44	60.28	cps
Vanadium	51-2	7	17	7	10	57.72	cps
Ytterbium	172-1	25	25	8	19	49.50	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	317	292	267	292	8.57	cps
Ytterbium	176-2	1845	2067	1972	1961	5.69	cps
Yttrium	89-1	5235036	5160942	5038839	5144939	1.93	cps
Yttrium	89-2	559230	572864	570423	567506	1.28	cps
Zinc	66-2	113	97	120	110	10.92	cps
Zirconium	90-1	408	442	383	411	7.12	cps
Zirconium	91-1	108	67	67	81	29.86	cps