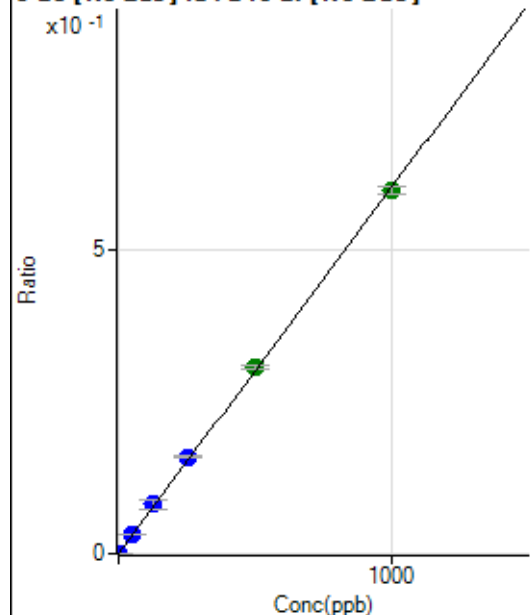


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8031023 MS.b\
Analysis File: P8031023 MS.batch.bin
DA Date-Time: 2023-03-19 13:59:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-03-10 10:33:45
2	006CALB.d	S02	2023-03-10 10:39:50
3	007CALS.d	S03	2023-03-10 10:42:52
4	008CALS.d	S04	2023-03-10 10:45:52
5	009CALS.d	S05	2023-03-10 10:48:51
6	010CALS.d	S06	2023-03-10 10:51:52
7	013CALS.d	S07	2023-03-10 11:00:50
8	016CALS.d	S08	2023-03-10 11:11:16

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.25	0.0000	P	42.6
2	☐	1.000	0.975	2942.02	0.0006	P	1.1
3	☐	50.000	54.488	161242.32	0.0329	P	1.2
4	☐	125.000	135.837	390176.30	0.0819	P	20.4
5	☐	250.000	263.227	752944.15	0.1588	P	1.8
6	☐	500.000	508.536	1429723.97	0.3067	A	2.7
7	☐	1000.000	990.846	2759181.41	0.5976	A	2.3
8	☐			498.70	0.0001	P	9.9

$$y = 6.0314\text{E-}004 * x + 8.0595\text{E-}006$$

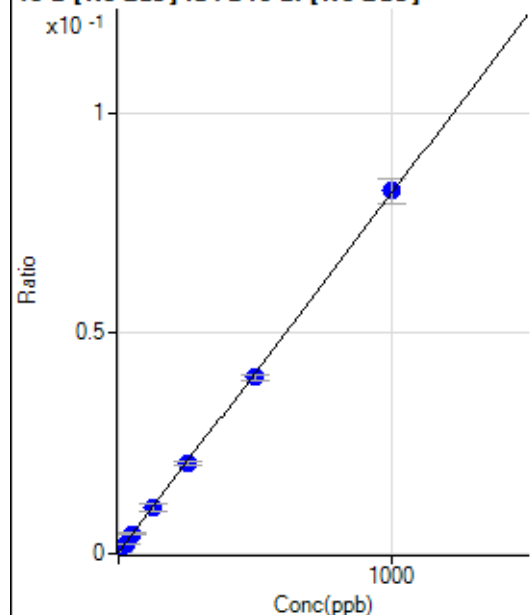
$$R = 0.9998$$

$$DL = 0.01709$$

$$BEC = 0.01336$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1685.10	0.0004	P	11.9
2	☐	25.000	20.806	10150.19	0.0021	P	8.2
3	☐	50.000	50.061	21758.49	0.0044	P	7.1
4	☐	125.000	125.713	50555.31	0.0106	P	18.1
5	☐	250.000	249.458	97922.97	0.0206	P	4.5
6	☐	500.000	486.151	185991.60	0.0399	P	3.9
7	☐	1000.000	1007.073	379518.87	0.0822	P	6.7
8	☐			12067.24	0.0029	P	9.2

$$y = 8.1269\text{E-}005 * x + 3.6866\text{E-}004$$

$$R = 0.9999$$

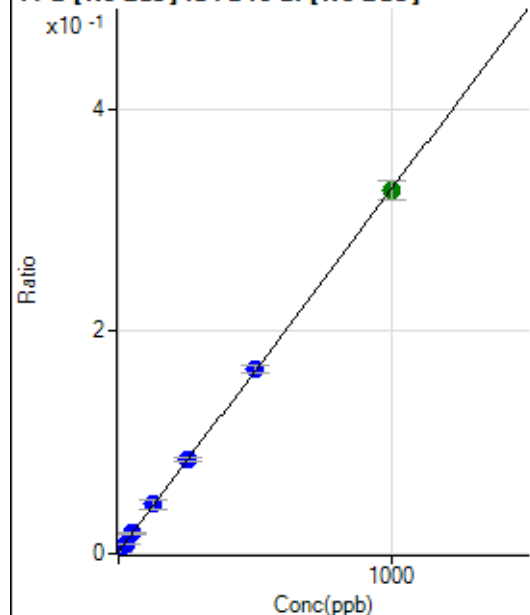
$$DL = 1.616$$

$$BEC = 4.536$$

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	7024.97	0.0015	P	10.9
2	☐	25.000	21.651	42349.29	0.0086	P	8.8
3	☐	50.000	52.087	90803.22	0.0185	P	5.9
4	☐	125.000	130.617	211031.49	0.0441	P	16.9
5	☐	250.000	257.084	404925.61	0.0854	P	4.1
6	☐	500.000	503.689	772909.81	0.1658	P	3.8
7	☐	1000.000	995.662	1505765.69	0.3262	A	5.3
8	☐			50477.50	0.0123	P	9.6

$$y = 3.2603\text{E-}004 * x + 0.0015$$

$$R = 0.9999$$

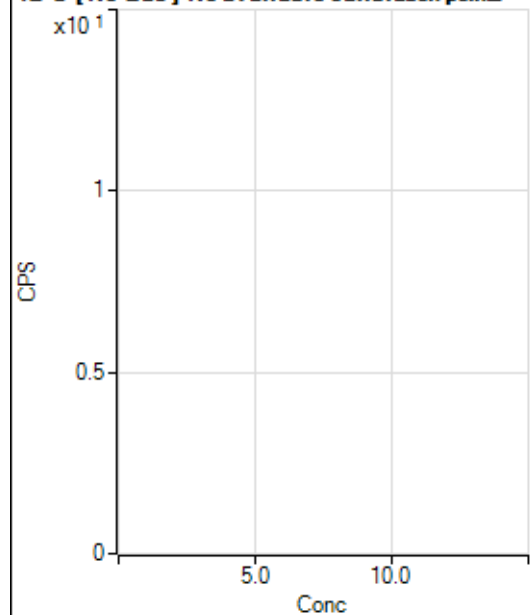
$$DL = 1.544$$

$$BEC = 4.711$$

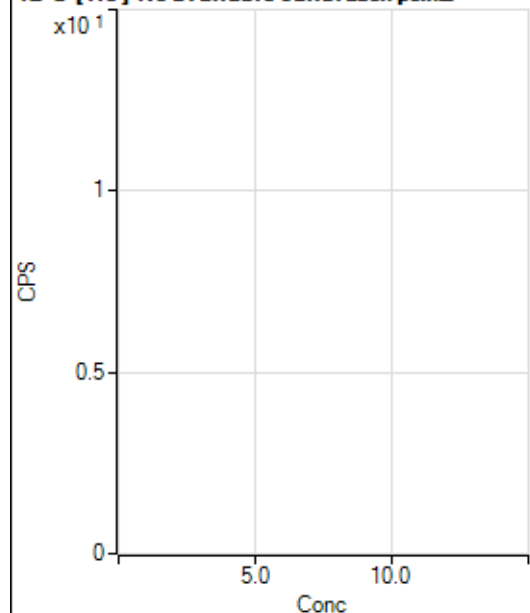
Weight: <None>

Min Conc: 0

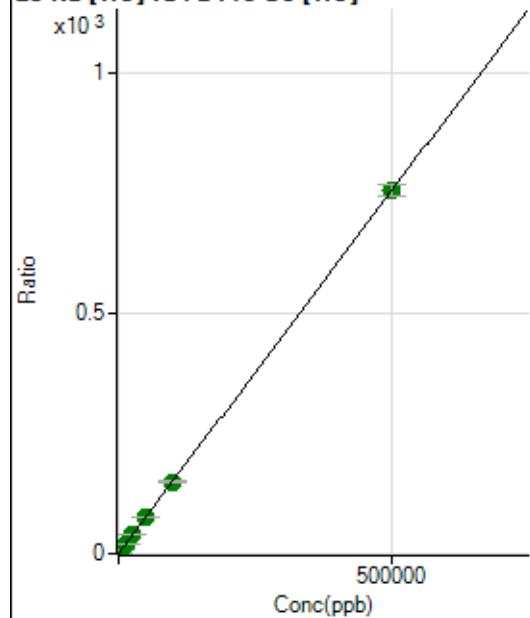
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4735619.81		A	0.4
2	☐			4859643.08		A	0.9
3	☐			5500789.66		A	3.0
4	☐			5479309.71		A	3.0
5	☐			5500605.25		A	3.2
6	☐			5788065.32		A	2.7
7	☐			6687770.64		A	4.3
8	☐			6034506.91		A	4.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56244.11		P	1.5
2	☐			58313.25		P	1.3
3	☐			70125.83		P	0.4
4	☐			69104.93		P	0.8
5	☐			70527.95		P	2.0
6	☐			73375.15		P	0.6
7	☐			82433.84		P	0.7
8	☐			82531.21		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11012.75	0.0521	P	1.3
2	☐	500.000	449.902	158083.18	0.7316	P	0.3
3	☐	5000.000	5137.516	1781729.53	7.8109	A	5.5
4	☐	12500.000	13194.529	4166427.18	19.9788	A	2.2
5	☐	25000.000	26796.077	8354842.11	40.5201	A	1.6
6	☐	50000.000	50524.703	16063105.22	76.3556	A	3.3
7	☐	100000.00	98767.002	33082253.87	149.2122	A	3.5
8	☐	500000.00	500085.63	178911331.7	755.2921	A	3.2

$$y = 0.0015 * x + 0.0521$$

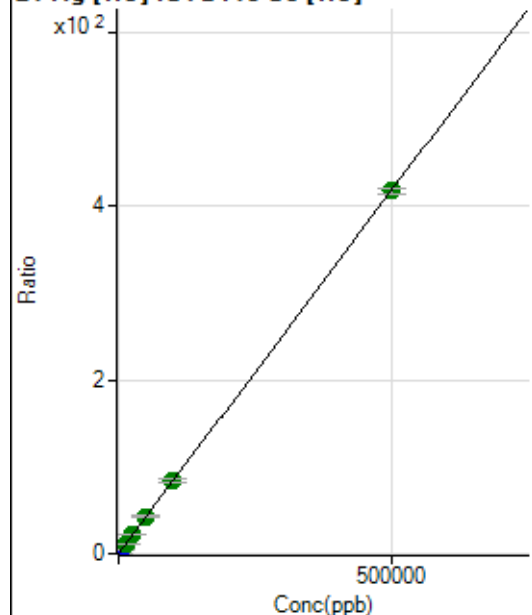
$$R = 1.0000$$

$$DL = 1.312$$

$$BEC = 34.51$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56	0.0011	P	24.6
2	☐	500.000	456.828	82651.39	0.3825	P	3.5
3	☐	5000.000	5232.531	997333.63	4.3696	P	4.0
4	☐	12500.000	13875.984	2416067.87	11.5858	A	2.8
5	☐	25000.000	27486.496	4731800.45	22.9488	A	0.6
6	☐	50000.000	51364.764	9020869.47	42.8841	A	5.2
7	☐	100000.00	101374.27	18763913.09	84.6356	A	4.3
8	☐	500000.00	499427.66	98773885.54	416.9589	A	1.6

$$y = 8.3487\text{E-}004 * x + 0.0011$$

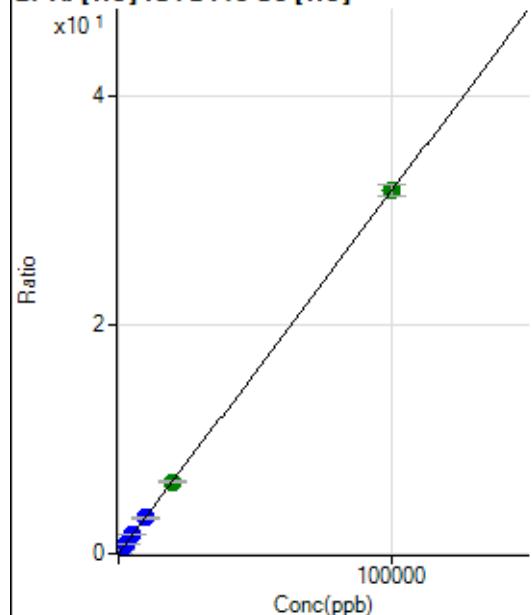
$$R = 1.0000$$

$$DL = 0.9669$$

$$BEC = 1.31$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.50	0.0005	P	52.3
2	☐	20.000	17.610	1303.23	0.0060	P	1.9
3	☐	1000.000	1001.185	72405.73	0.3172	P	4.0
4	☐	2500.000	2611.188	172357.33	0.8266	P	3.1
5	☐	5000.000	5158.571	336608.73	1.6325	P	2.1
6	☐	10000.000	9960.464	663022.47	3.1517	P	3.8
7	☐	20000.000	19823.668	1390626.71	6.2721	A	3.2
8	☐	100000.00	100028.50	7496397.65	31.6467	A	3.1

$$y = 3.1637\text{E-}004 * x + 4.5950\text{E-}004$$

$$R = 1.0000$$

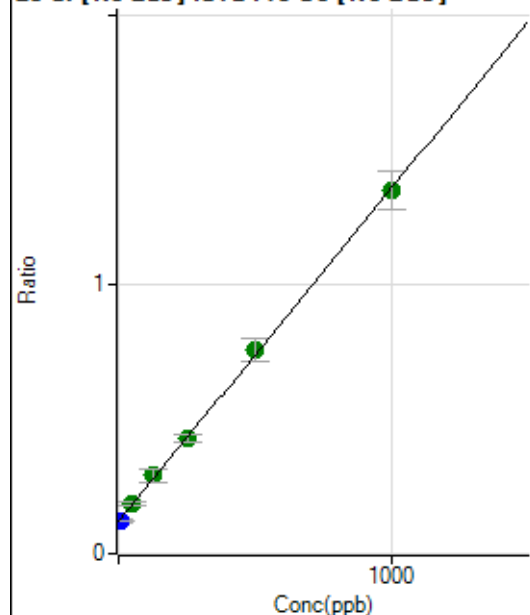
$$DL = 2.278$$

$$BEC = 1.452$$

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	663184.12	0.1202	P	13.1
2	☐	10.000	-0.032	729657.49	0.1202	P	1.5
3	☐	50.000	53.760	1133890.08	0.1868	A	5.2
4	☐	125.000	137.618	1734852.32	0.2906	A	15.8
5	☐	250.000	249.450	2583513.12	0.4290	A	5.1
6	☐	500.000	513.449	4552840.21	0.7559	A	11.1
7	☐	1000.000	991.748	8621339.00	1.3481	A	10.7
8	☐			1469926.38	0.2467	A	25.0

$$y = 0.0012 * x + 0.1202$$

$$R = 0.9997$$

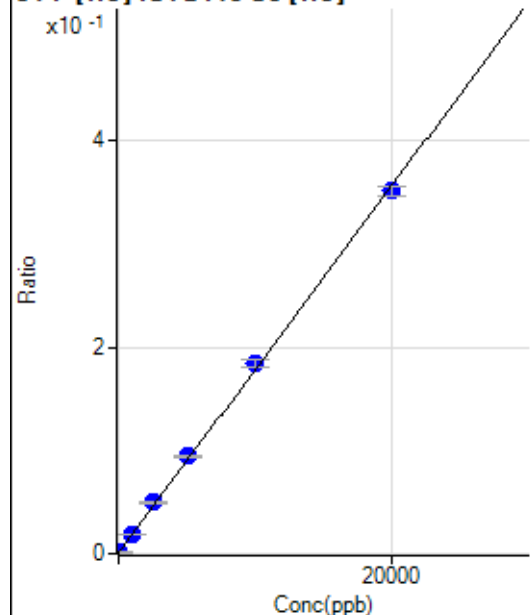
$$DL = 38.02$$

$$BEC = 97.08$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-13.811	97.23	0.0005	P	36.2
2	☐	0.000	13.811	205.56	0.0010	P	32.2
3	☐	1000.000	987.664	4161.83	0.0182	P	4.3
4	☐	2500.000	2746.009	10309.46	0.0494	P	4.2
5	☐	5000.000	5262.553	19405.15	0.0941	P	2.3
6	☐	10000.000	10335.308	38738.54	0.1841	P	3.7
7	☐	20000.000	19736.574	77828.78	0.3510	P	2.7
8	☐			186.12	0.0008	P	4.7

$$y = 1.7749E-005 * x + 7.0575E-004$$

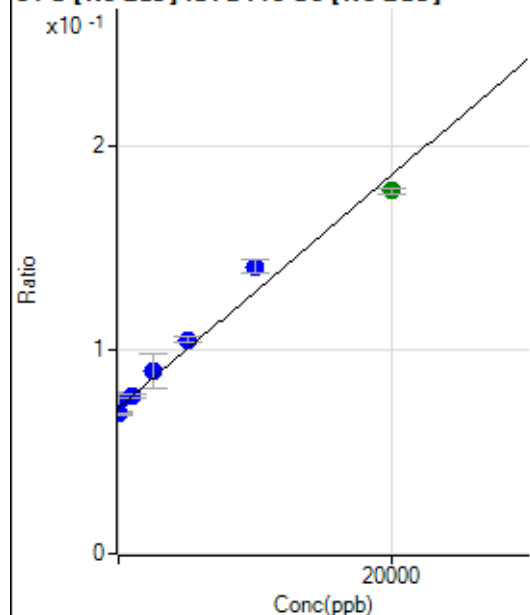
$$R = 0.9996$$

$$DL = 40.01$$

$$BEC = 39.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	540.480	412348.30	0.0747	P	13.0
2	☐	0.000	-540.480	416313.40	0.0686	P	1.9
3	☐	1000.000	983.461	469229.00	0.0773	P	1.7
4	☐	2500.000	3183.069	533591.00	0.0898	P	19.0
5	☐	5000.000	5857.141	632362.33	0.1051	P	2.9
6	☐	10000.000	12122.793	848708.76	0.1409	P	4.4
7	☐	20000.000	18639.762	1139023.07	0.1781	A	1.7
8	☐			411149.01	0.0684	P	12.1

$$y = 5.7102\text{E-}006 * x + 0.0716$$

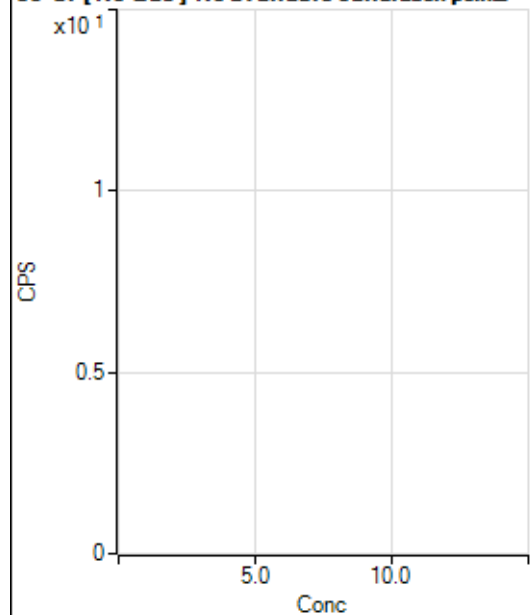
R = 0.9885

DL = 2900

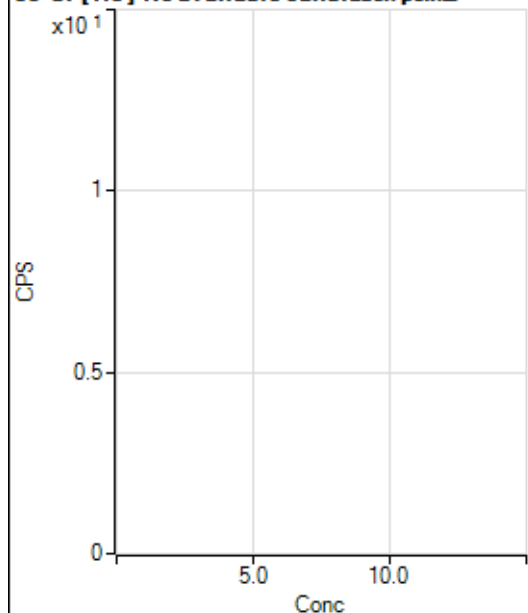
BEC = 1.255E+04

Weight: <None>

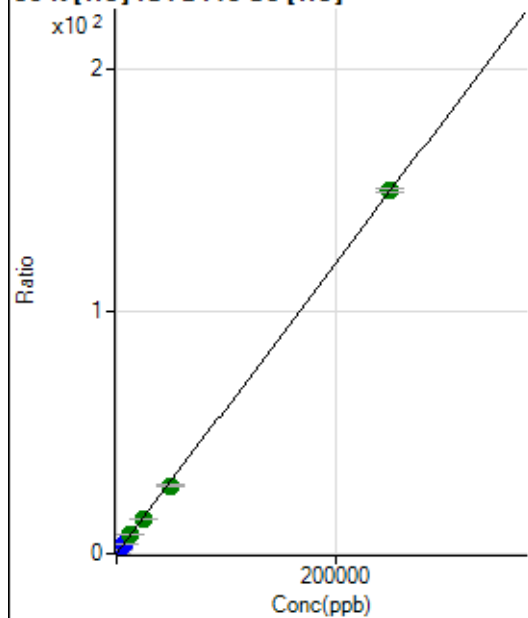
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			924996.84		P	1.5
2	☐			913127.73		P	0.6
3	☐			939425.72		P	0.8
4	☐			904203.48		P	1.0
5	☐			874768.91		P	0.6
6	☐			832709.16		P	0.9
7	☐			784219.01		P	0.9
8	☐			933990.21		P	0.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6698.95		P	5.5
2	☐			6751.71		P	3.8
3	☐			6726.72		P	1.1
4	☐			6334.86		P	4.3
5	☐			6407.17		P	2.1
6	☐			5767.96		P	4.5
7	☐			5734.62		P	1.5
8	☐			7021.33		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20921.23	0.0990	P	0.8
2	☐	500.000	422.188	75908.06	0.3513	P	1.2
3	☐	2500.000	2302.857	336609.46	1.4751	P	4.7
4	☐	6250.000	6147.496	786669.35	3.7725	P	2.2
5	☐	12500.000	12610.555	1574136.18	7.6346	A	1.0
6	☐	25000.000	23720.236	3002762.13	14.2733	A	2.6
7	☐	50000.000	46694.435	6208628.78	28.0017	A	3.0
8	☐	250000.00	250788.25	35524873.36	149.9601	A	1.1

$$y = 5.9756E-004 * x + 0.0990$$

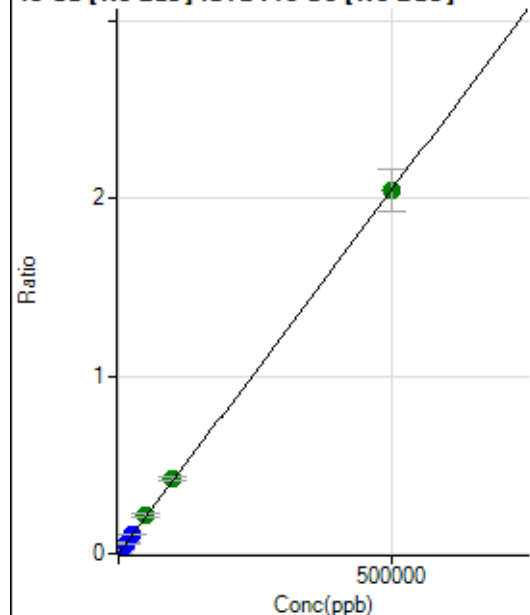
$$R = 0.9999$$

$$DL = 4.022$$

$$BEC = 165.7$$

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	131.24	0.0000	P	26.3
2	☐	500.000	416.009	10495.86	0.0017	P	2.3
3	☐	5000.000	5501.605	137051.68	0.0226	P	1.5
4	☐	12500.000	13723.764	333512.94	0.0563	P	20.6
5	☐	25000.000	26530.342	654324.66	0.1087	P	2.3
6	☐	50000.000	53244.536	1314424.79	0.2182	A	6.4
7	☐	100000.00	102674.73	2690762.64	0.4207	A	3.9
8	☐	500000.00	499028.55	12297709.58	2.0448	A	11.8

$$y = 4.0975E-006 * x + 2.4036E-005$$

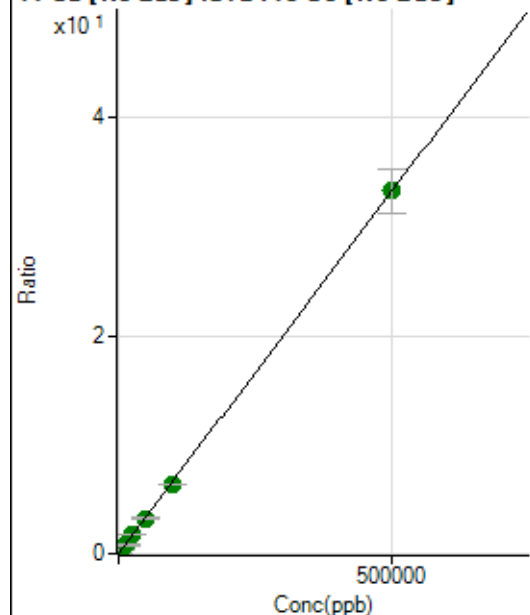
$$R = 1.0000$$

$$DL = 4.636$$

$$BEC = 5.866$$

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	10901.53	0.0020	P	15.8
2	☐	500.000	407.759	176595.65	0.0291	P	2.4
3	☐	5000.000	5226.897	2122517.37	0.3494	A	1.7
4	☐	12500.000	13002.453	5136943.67	0.8663	A	20.7
5	☐	25000.000	25620.984	10259531.01	1.7051	A	2.9
6	☐	50000.000	48528.863	19450747.65	3.2278	A	3.8
7	☐	100000.00	95363.992	40560047.56	6.3411	A	0.9
8	☐	500000.00	501028.52	200236534.0	33.3069	A	12.3

$$y = 6.6473E-005 * x + 0.0020$$

$$R = 0.9999$$

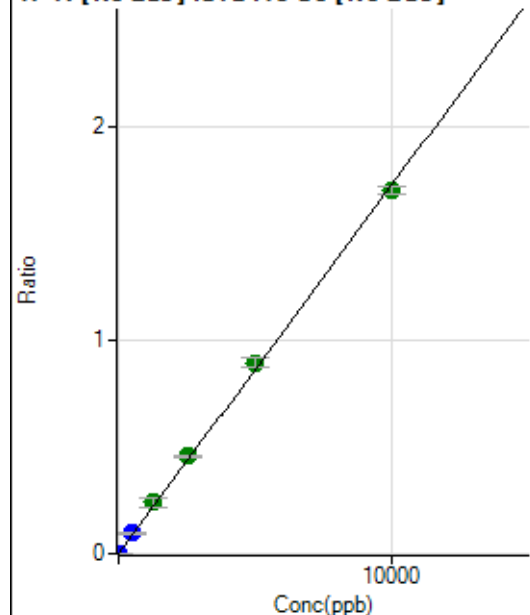
$$DL = 14.13$$

$$BEC = 29.79$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.11	0.0000	P	13.5
2	☐	5.000	4.731	5117.71	0.0008	P	2.5
3	☐	500.000	551.334	579035.74	0.0953	P	2.4
4	☐	1250.000	1392.223	1427946.44	0.2407	A	20.3
5	☐	2500.000	2641.493	2748674.65	0.4567	A	2.1
6	☐	5000.000	5191.055	5407544.30	0.8976	A	4.9
7	☐	10000.000	9848.755	10891850.94	1.7029	A	2.1
8	☐			2483.62	0.0004	P	8.5

$$y = 1.7290\text{E-}004 * x + 2.4621\text{E-}005$$

$$R = 0.9996$$

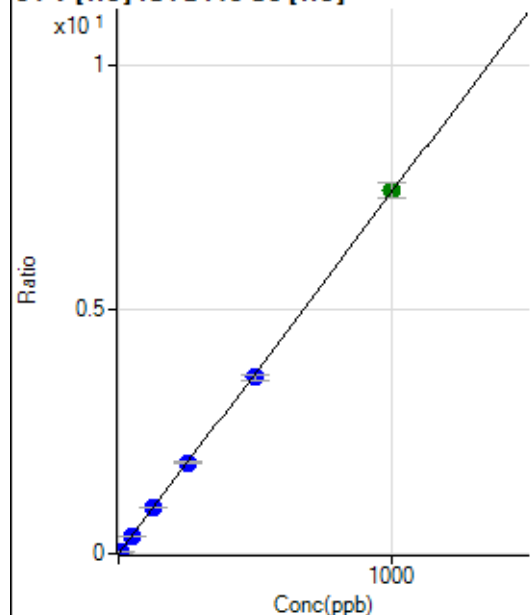
$$DL = 0.05783$$

$$BEC = 0.1424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0001	P	35.5
2	☐	5.000	4.225	6766.10	0.0313	P	1.8
3	☐	50.000	47.130	79546.49	0.3486	P	4.9
4	☐	125.000	127.655	196881.02	0.9441	P	3.8
5	☐	250.000	252.890	385633.31	1.8702	P	2.0
6	☐	500.000	488.479	759997.97	3.6125	P	3.1
7	☐	1000.000	1004.854	1647645.43	7.4312	A	4.1
8	☐			804.48	0.0034	P	11.4

$$y = 0.0074 * x + 6.8438\text{E-}005$$

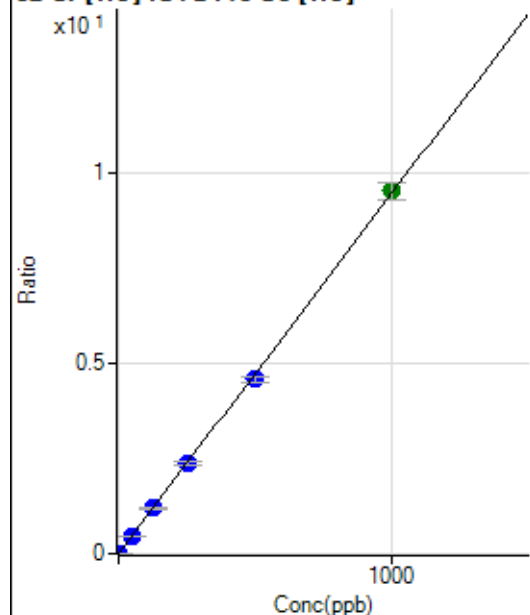
$$R = 0.9999$$

$$DL = 0.009857$$

$$BEC = 0.009254$$

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	705.58	0.0033	P	7.1
2	☐	2.000	1.734	4265.12	0.0197	P	3.5
3	☐	50.000	47.126	102474.36	0.4491	P	4.6
4	☐	125.000	126.996	251191.91	1.2045	P	3.7
5	☐	250.000	250.926	490056.26	2.3767	P	2.5
6	☐	500.000	483.502	962806.15	4.5764	P	2.5
7	☐	1000.000	1007.912	2114221.17	9.5364	A	4.6
8	☐			22357.58	0.0944	P	2.9

$$y = 0.0095 * x + 0.0033$$

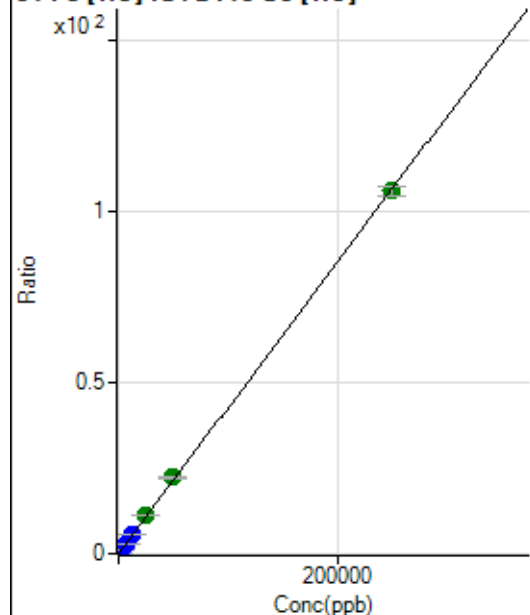
$$R = 0.9998$$

$$DL = 0.07566$$

$$BEC = 0.3531$$

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	657.43	0.0031	P	4.0
2	☐	50.000	46.310	4934.28	0.0228	P	4.5
3	☐	2500.000	2499.847	243753.23	1.0679	P	4.0
4	☐	6250.000	6760.379	601121.82	2.8826	P	1.5
5	☐	12500.000	13417.043	1179001.05	5.7180	P	1.8
6	☐	25000.000	26777.148	2400406.31	11.4086	A	0.8
7	☐	50000.000	52364.086	4946327.14	22.3070	A	2.7
8	☐	250000.00	249290.85	25153153.57	106.1859	A	2.9

$$y = 4.2594E-004 * x + 0.0031$$

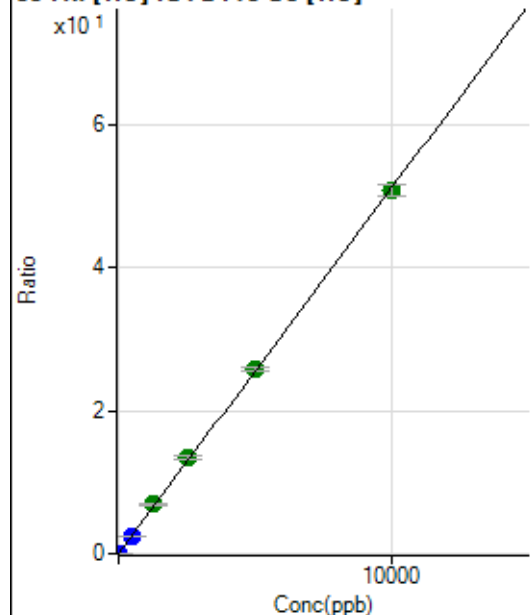
$$R = 0.9999$$

$$DL = 0.8871$$

$$BEC = 7.307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.45	0.0002	P	31.0
2	☐	1.000	0.965	1102.28	0.0051	P	6.8
3	☐	500.000	477.907	557856.88	2.4456	P	5.5
4	☐	1250.000	1343.437	1433679.29	6.8745	A	3.9
5	☐	2500.000	2628.197	2773040.34	13.4485	A	3.0
6	☐	5000.000	5060.536	5447870.20	25.8947	A	1.6
7	☐	10000.000	9927.108	11262677.33	50.7967	A	3.1
8	☐			13787.90	0.0582	P	2.8

$$y = 0.0051 * x + 1.6295E-004$$

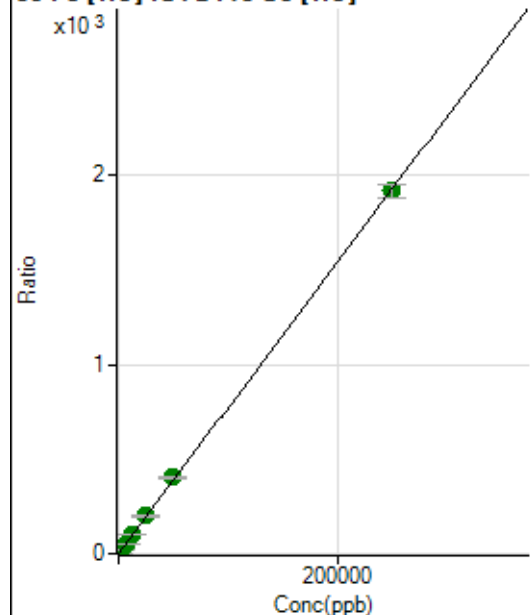
$$R = 0.9998$$

$$DL = 0.02958$$

$$BEC = 0.03185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2942.95	0.0139	P	1.3
2	☐	50.000	44.975	77682.93	0.3595	P	1.9
3	☐	2500.000	2597.755	4559290.12	19.9739	A	4.7
4	☐	6250.000	6911.647	11076726.87	53.1198	A	3.2
5	☐	12500.000	13647.008	21623773.86	104.8712	A	2.0
6	☐	25000.000	25797.768	41708322.23	198.2320	A	1.1
7	☐	50000.000	52396.736	89272395.52	402.6061	A	2.4
8	☐	250000.00	249366.00	453863717.5	1.916026	A	3.6

$$y = 0.0077 * x + 0.0139$$

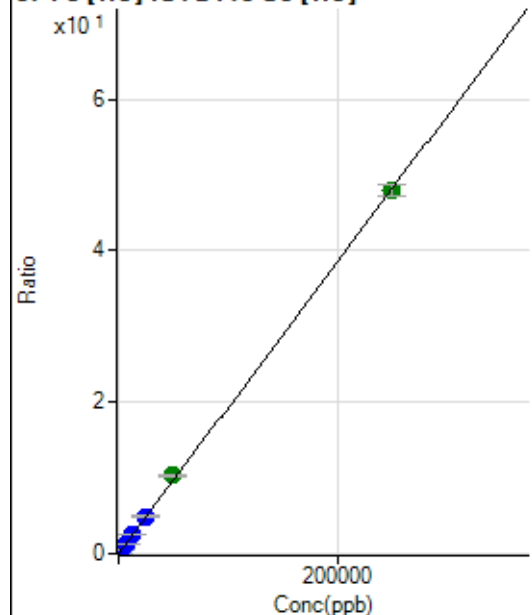
$$R = 0.9999$$

$$DL = 0.0707$$

$$BEC = 1.813$$

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	125.93	0.0006	P	10.6
2	☐	50.000	45.981	2039.07	0.0094	P	6.1
3	☐	2500.000	2498.196	109702.62	0.4809	P	6.1
4	☐	6250.000	6691.831	268435.30	1.2873	P	2.5
5	☐	12500.000	13340.893	529041.00	2.5658	P	1.9
6	☐	25000.000	25492.814	1031368.46	4.9023	P	2.1
7	☐	50000.000	53843.411	2295851.47	10.3535	A	1.4
8	☐	250000.00	249128.96	11347033.59	47.9025	A	3.1

$$y = 1.9228\text{E-}004 * x + 5.9578\text{E-}004$$

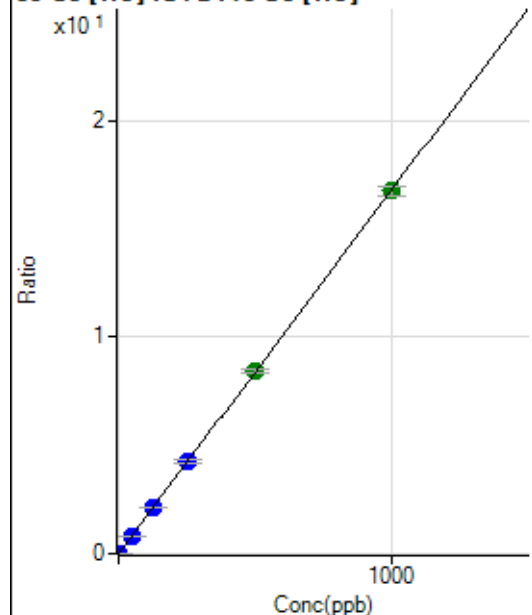
R = 0.9999

DL = 0.9823

BEC = 3.099

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	92.23	0.0004	P	24.9
2	☐	1.000	0.849	3173.72	0.0147	P	3.7
3	☐	50.000	47.790	183040.32	0.8026	P	6.1
4	☐	125.000	126.450	442680.01	2.1229	P	2.2
5	☐	250.000	253.646	877946.39	4.2579	P	2.5
6	☐	500.000	501.756	1772008.27	8.4224	A	1.8
7	☐	1000.000	998.140	3714853.31	16.7541	A	3.0
8	☐			3324.86	0.0140	P	3.0

$$y = 0.0168 * x + 4.3579\text{E-}004$$

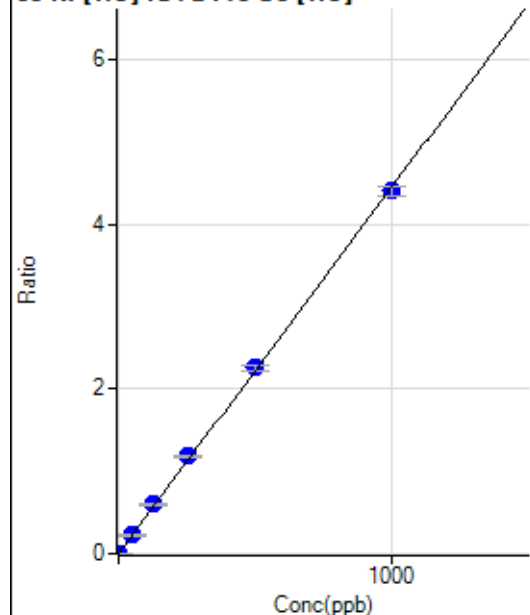
R = 1.0000

DL = 0.01943

BEC = 0.02596

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	35.55	0.0002	P	29.0
2	☐	1.000	0.902	903.37	0.0042	P	9.1
3	☐	50.000	50.394	51160.80	0.2242	P	5.0
4	☐	125.000	134.744	124972.01	0.5993	P	1.9
5	☐	250.000	266.047	243944.27	1.1831	P	2.0
6	☐	500.000	507.922	475142.14	2.2586	P	3.3
7	☐	1000.000	990.790	976828.72	4.4056	P	2.7
8	☐			3599.38	0.0152	P	4.0

$$y = 0.0044 * x + 1.6780E-004$$

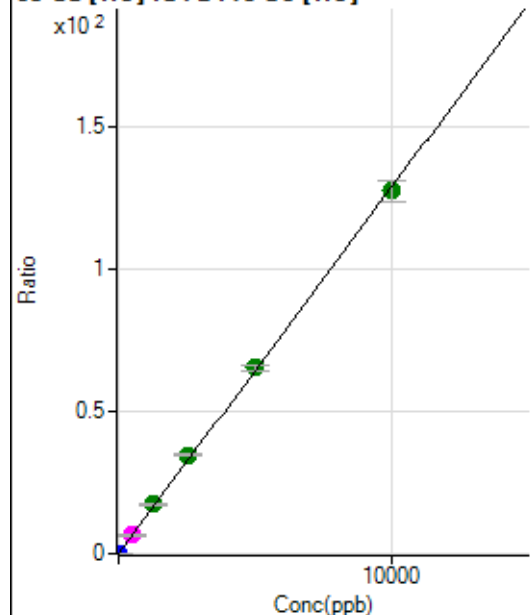
$$R = 0.9998$$

$$DL = 0.03282$$

$$BEC = 0.03774$$

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	811.14	0.0038	P	3.6
2	☐	2.000	1.886	6084.70	0.0282	P	2.1
3	☐	500.000	502.128	1477779.58	6.4780	M	6.0
4	☐	1250.000	1349.430	3628940.29	17.4027	A	3.0
5	☐	2500.000	2681.971	7130853.64	34.5838	A	1.7
6	☐	5000.000	5079.560	13778683.41	65.4971	A	2.8
7	☐	10000.000	9902.192	28304493.74	127.6777	A	5.6
8	☐			10590.70	0.0447	P	0.7

$$y = 0.0129 * x + 0.0038$$

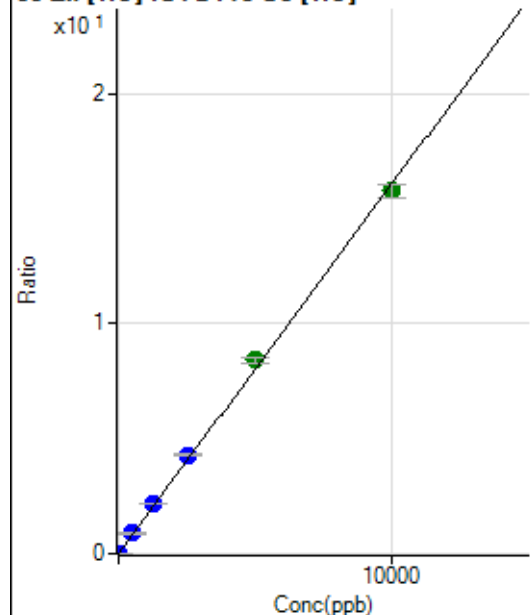
$$R = 0.9997$$

$$DL = 0.03194$$

$$BEC = 0.2978$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	221.12	0.0010	P	16.2
2	☐	2.000	1.939	898.92	0.0042	P	6.6
3	☐	500.000	548.700	201286.05	0.8826	P	6.0
4	☐	1250.000	1346.573	451351.85	2.1645	P	2.0
5	☐	2500.000	2680.009	888035.00	4.3069	P	1.5
6	☐	5000.000	5238.383	1770723.48	8.4172	A	3.1
7	☐	10000.000	9821.300	3498702.31	15.7803	A	3.7
8	☐			5431.09	0.0229	P	2.3

$$y = 0.0016 * x + 0.0010$$

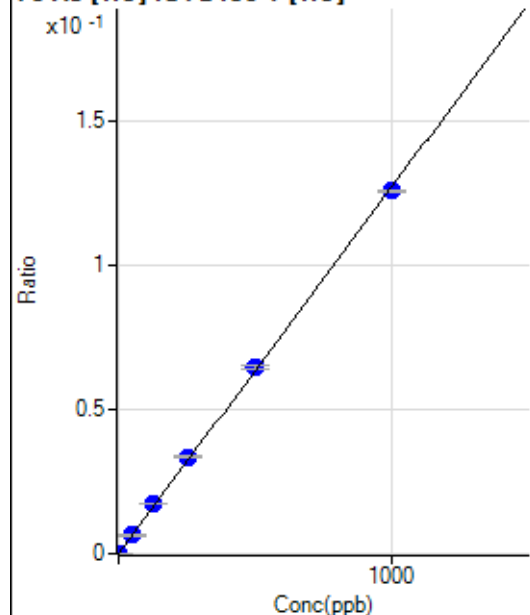
$$R = 0.9994$$

$$DL = 0.3163$$

$$BEC = 0.6509$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.67	0.0000	P	86.6
2	☐	1.000	0.997	178.69	0.0001	P	6.4
3	☐	50.000	50.380	9810.06	0.0064	P	4.8
4	☐	125.000	137.249	24086.94	0.0174	P	2.6
5	☐	250.000	263.249	47052.75	0.0334	P	2.0
6	☐	500.000	509.733	93421.98	0.0648	P	2.7
7	☐	1000.000	990.271	192618.97	0.1258	P	0.7
8	☐			55.01	0.0000	P	10.1

$$y = 1.2704E-004 * x + 4.7819E-007$$

$$R = 0.9998$$

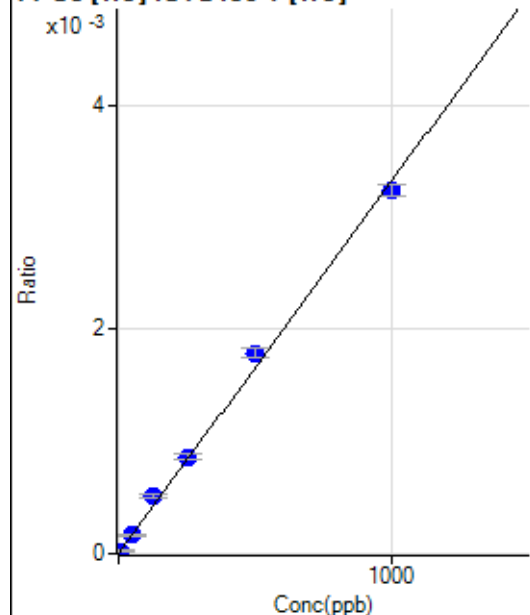
$$DL = 0.009779$$

$$BEC = 0.003764$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.092	28.89	0.0000	P	60.2
3	☐	50.000	49.475	252.23	0.0002	P	4.1
4	☐	125.000	152.714	701.14	0.0005	P	6.6
5	☐	250.000	260.373	1216.73	0.0009	P	7.6
6	☐	500.000	539.434	2585.82	0.0018	P	4.0
7	☐	1000.000	974.246	4955.36	0.0032	P	3.1
8	☐			5.56	0.0000	P	91.2

$$y = 3.3231\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9984$$

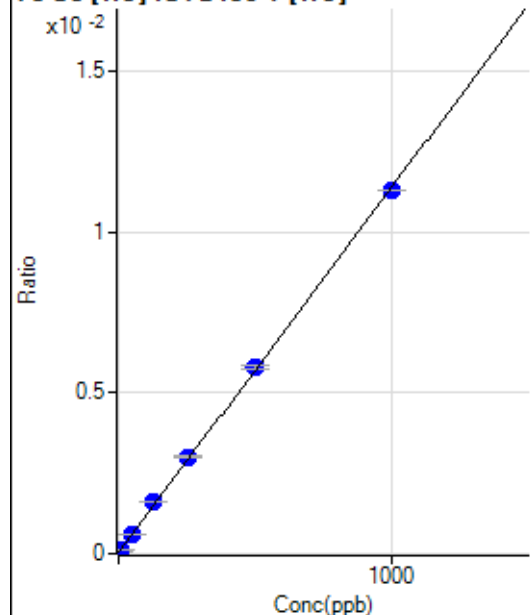
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.00	0.0000	P	14.0
2	☐	5.000	5.686	136.35	0.0001	P	1.6
3	☐	50.000	50.696	931.79	0.0006	P	2.9
4	☐	125.000	140.258	2243.08	0.0016	P	1.7
5	☐	250.000	263.007	4244.08	0.0030	P	3.2
6	☐	500.000	507.813	8360.33	0.0058	P	3.0
7	☐	1000.000	990.896	17264.96	0.0113	P	0.1
8	☐			72.68	0.0000	P	6.9

$$y = 1.1348\text{E-}005 * x + 3.2264\text{E-}005$$

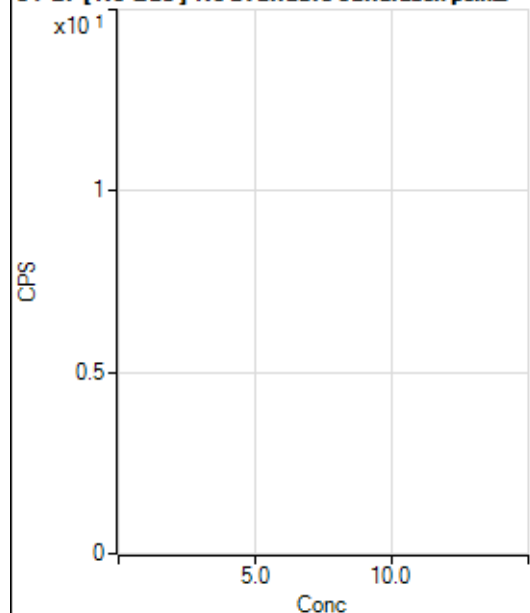
$$R = 0.9998$$

$$DL = 1.196$$

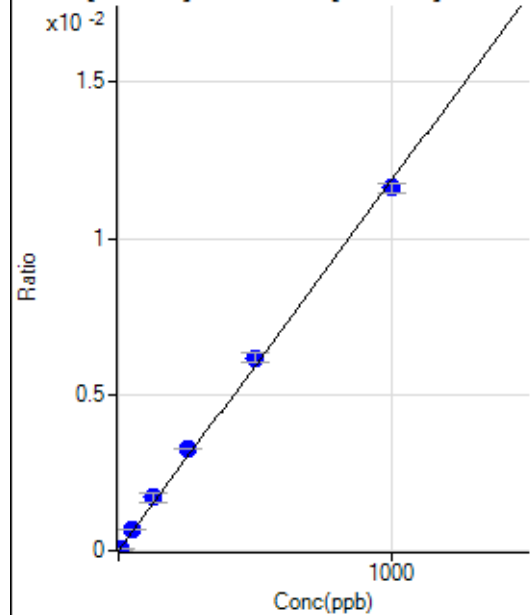
$$BEC = 2.843$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29397.98		P	4.2
2	☐			29193.99		P	2.6
3	☐			28103.84		P	3.5
4	☐			27498.84		P	4.8
5	☐			27080.77		P	2.7
6	☐			28250.98		P	3.7
7	☐			31070.01		P	1.5
8	☐			31862.42		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-21.25	0.0000	P	-12.
2	☐	5.000	5.119	697.45	0.0001	P	6.3
3	☐	50.000	57.104	8039.01	0.0007	P	3.5
4	☐	125.000	142.957	19696.75	0.0017	P	20.8
5	☐	250.000	275.725	38737.95	0.0033	P	1.6
6	☐	500.000	520.770	74668.35	0.0062	P	4.6
7	☐	1000.000	980.583	149939.83	0.0116	P	2.4
8	☐			142.48	0.0000	P	37.3

$$y = 1.1851E-005 * x - 1.9199E-006$$

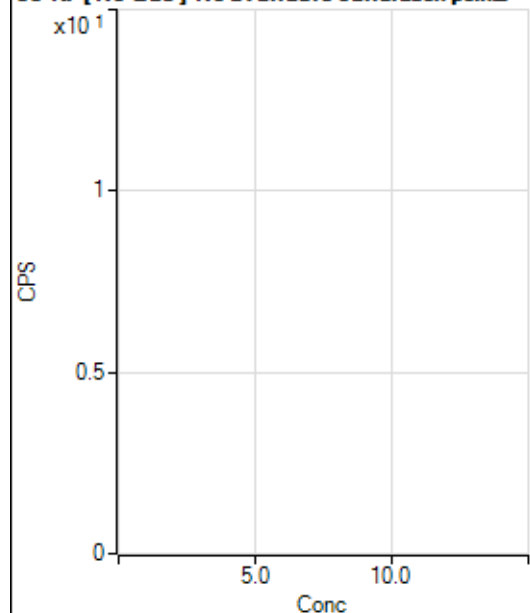
$$R = 0.9992$$

$$DL = 0.0599$$

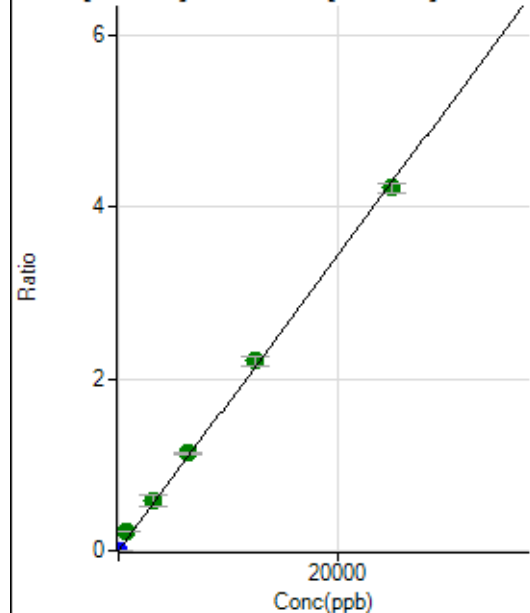
$$BEC = -0.162$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			353.71		P	3.1
2	☐			332.04		P	3.1
3	☐			341.63		P	9.9
4	☐			307.46		P	8.8
5	☐			323.71		P	6.6
6	☐			363.29		P	7.8
7	☐			356.21		P	8.2
8	☐			407.46		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	544.47	0.0001	P	20.4
2	☐	1.000	0.998	2625.32	0.0002	P	3.1
3	☐	625.000	1366.823	2789223.63	0.2340	A	0.4
4	☐	3125.000	3408.707	6798774.20	0.5835	A	20.0
5	☐	6250.000	6640.975	13484604.12	1.1368	A	2.0
6	☐	12500.000	12894.345	26708100.25	2.2072	A	5.1
7	☐	25000.000	24651.075	54465632.47	4.2197	A	2.8
8	☐			16062.49	0.0014	P	12.2

$$y = 1.7117\text{E-}004 * x + 5.0275\text{E-}005$$

$$R = 0.9994$$

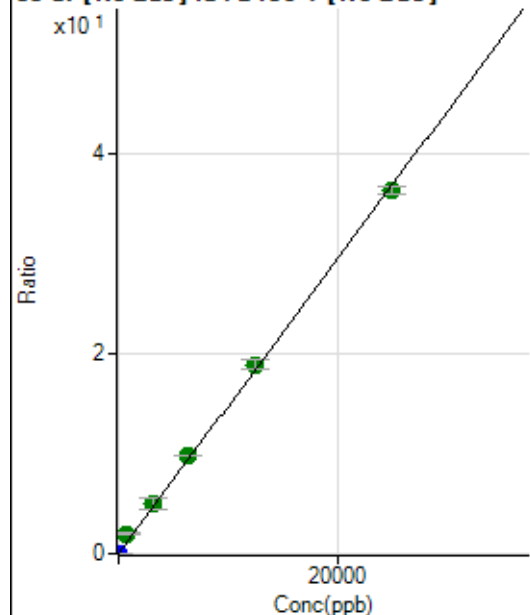
$$DL = 0.1801$$

$$BEC = 0.2937$$

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	461.13	0.0000	P	80.4
2	☐	1.000	0.929	16799.48	0.0014	P	2.9
3	☐	625.000	1351.017	23731060.78	1.9920	A	3.4
4	☐	3125.000	3397.919	58321308.25	5.0099	A	20.7
5	☐	6250.000	6675.916	116762510.9	9.8429	A	1.3
6	☐	12500.000	12857.168	229394621.7	18.9563	A	4.8
7	☐	25000.000	24662.672	469316304.9	36.3621	A	2.1
8	☐			132418.09	0.0112	P	11.4

$$y = 0.0015 * x + 4.4564E-005$$

$$R = 0.9995$$

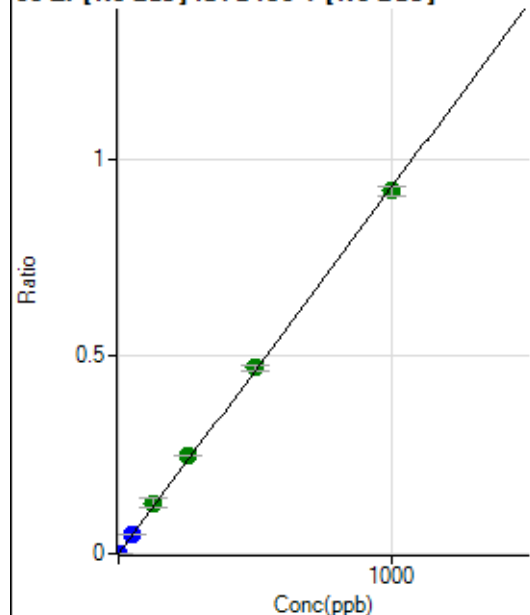
$$DL = 0.07287$$

$$BEC = 0.03023$$

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	686.15	0.0001	P	8.6
2	☐	1.000	0.891	10570.91	0.0009	P	4.2
3	☐	50.000	54.177	600512.43	0.0504	P	1.8
4	☐	125.000	136.765	1482421.19	0.1271	A	19.4
5	☐	250.000	266.948	2943233.94	0.2481	A	0.1
6	☐	500.000	507.472	5709684.55	0.4715	A	3.1
7	☐	1000.000	990.348	11876813.90	0.9202	A	2.4
8	☐			4034.04	0.0003	P	6.2

$$y = 9.2906E-004 * x + 6.2469E-005$$

$$R = 0.9998$$

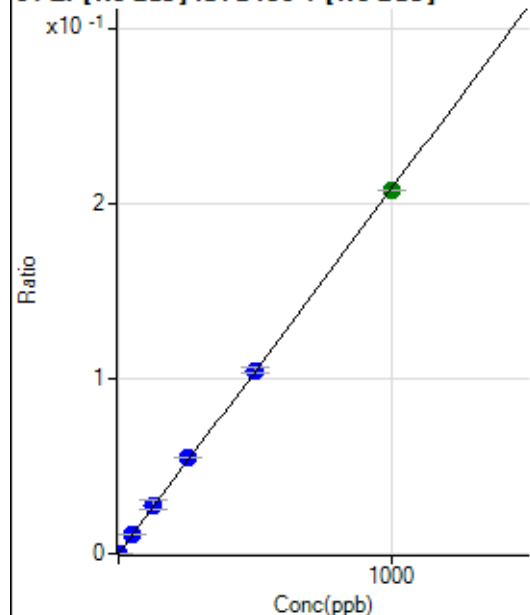
$$DL = 0.01732$$

$$BEC = 0.06724$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	7.4
2	☐	1.000	0.874	2311.37	0.0002	P	11.4
3	☐	50.000	53.358	132848.61	0.0111	P	2.3
4	☐	125.000	133.367	324890.01	0.0278	P	19.0
5	☐	250.000	263.526	652582.49	0.0550	P	1.9
6	☐	500.000	502.704	1270667.54	0.1049	P	2.9
7	☐	1000.000	994.053	2678704.07	0.2075	A	0.1
8	☐			827.82	0.0001	P	17.6

$$y = 2.0872\text{E-}004 * x + 1.2319\text{E-}005$$

$$R = 0.9999$$

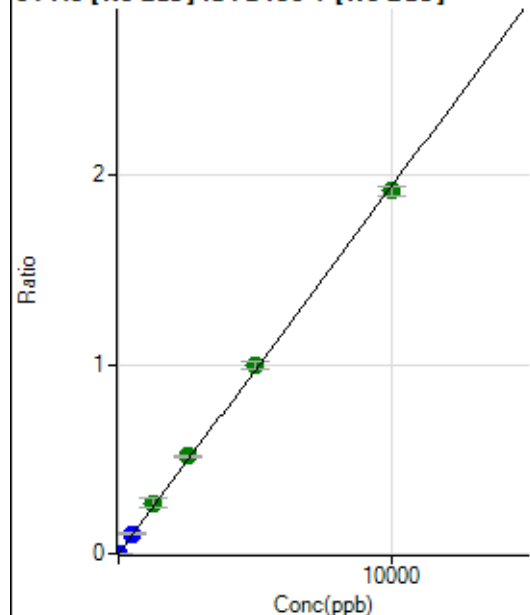
$$DL = 0.01309$$

$$BEC = 0.05902$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	200.01	0.0000	P	17.8
2	☐	5.000	5.519	12942.50	0.0011	P	7.1
3	☐	500.000	548.465	1269174.54	0.1065	P	3.1
4	☐	1250.000	1377.415	3114891.95	0.2675	A	20.7
5	☐	2500.000	2654.037	6114586.25	0.5154	A	1.2
6	☐	5000.000	5126.633	12052935.08	0.9956	A	3.7
7	☐	10000.000	9879.824	24761695.87	1.9187	A	2.7
8	☐			6762.94	0.0006	P	13.8

$$y = 1.9420\text{E-}004 * x + 1.7979\text{E-}005$$

$$R = 0.9997$$

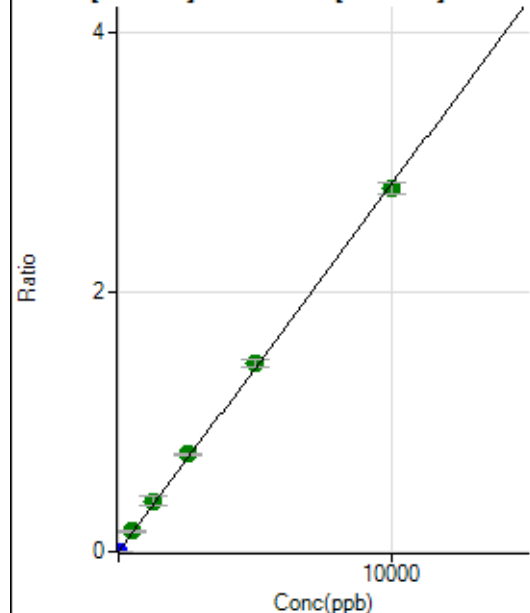
$$DL = 0.0494$$

$$BEC = 0.09258$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	40.2
2	☐	5.000	4.555	15317.17	0.0013	P	4.4
3	☐	500.000	550.242	1855148.05	0.1557	A	1.9
4	☐	1250.000	1380.627	4548872.06	0.3906	A	20.5
5	☐	2500.000	2655.797	8912966.17	0.7514	A	2.6
6	☐	5000.000	5132.750	17577302.65	1.4522	A	4.3
7	☐	10000.000	9875.836	36053921.64	2.7941	A	3.2
8	☐			9133.77	0.0008	P	13.8

$$y = 2.8292\text{E-}004 * x + 1.2890\text{E-}006$$

$$R = 0.9997$$

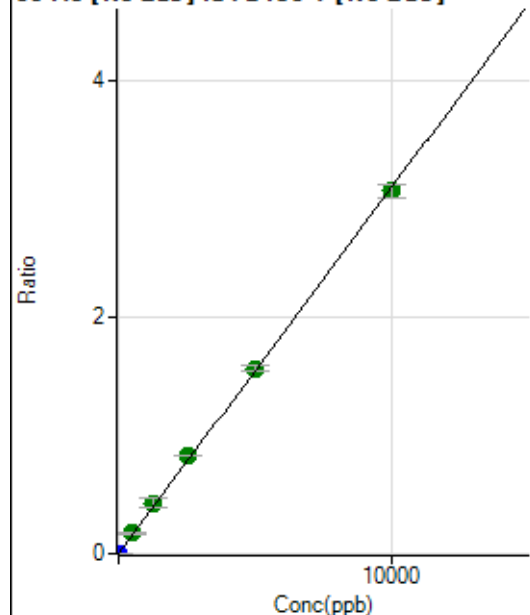
$$DL = 0.005493$$

$$BEC = 0.004556$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	10.1
2	☐	5.000	4.628	17155.58	0.0014	P	0.9
3	☐	500.000	559.970	2062656.41	0.1731	A	3.2
4	☐	1250.000	1379.443	4974491.65	0.4265	A	19.2
5	☐	2500.000	2692.435	9875099.35	0.8324	A	0.9
6	☐	5000.000	5046.327	18890132.71	1.5601	A	3.1
7	☐	10000.000	9909.549	39526543.94	3.0637	A	3.8
8	☐			17887.05	0.0015	P	10.5

$$y = 3.0916\text{E-}004 * x + 1.3235\text{E-}005$$

$$R = 0.9997$$

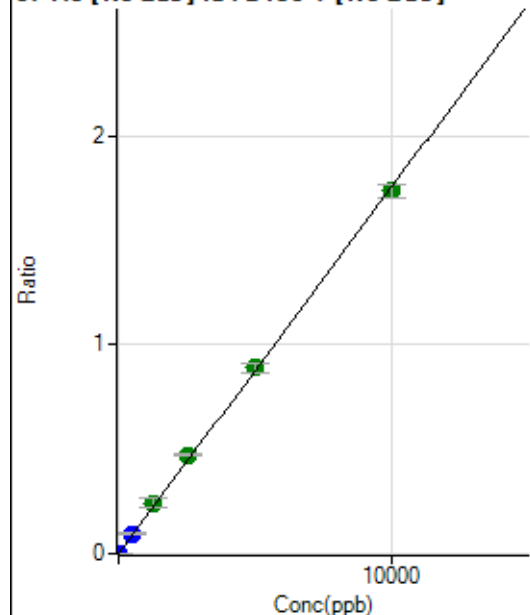
$$DL = 0.01291$$

$$BEC = 0.04281$$

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	11.11	0.0000	P	56.0
2	☐	5.000	4.548	9497.98	0.0008	P	4.5
3	☐	500.000	550.573	1151879.05	0.0967	P	3.7
4	☐	1250.000	1380.997	2831202.99	0.2425	A	18.5
5	☐	2500.000	2680.911	5584575.34	0.4708	A	2.3
6	☐	5000.000	5072.343	10779245.46	0.8908	A	5.1
7	☐	10000.000	9899.698	22431311.09	1.7386	A	3.4
8	☐			5743.04	0.0005	P	16.3

$$y = 1.7562\text{E-}004 * x + 1.0539\text{E-}006$$

$$R = 0.9997$$

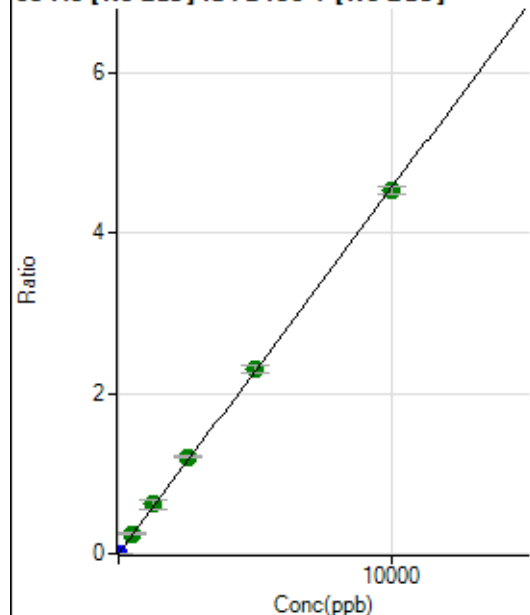
$$DL = 0.01009$$

$$BEC = 0.006001$$

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	72.23	0.0000	P	12.8
2	☐	5.000	4.441	24135.50	0.0020	P	1.7
3	☐	500.000	548.725	2981983.57	0.2503	A	3.1
4	☐	1250.000	1357.384	7211882.28	0.6191	A	20.3
5	☐	2500.000	2653.820	14358544.24	1.2105	A	2.0
6	☐	5000.000	5051.604	27887952.71	2.3042	A	4.5
7	☐	10000.000	9919.884	58393576.30	4.5248	A	2.2
8	☐			13929.55	0.0012	P	10.5

$$y = 4.5613\text{E-}004 * x + 6.5991\text{E-}006$$

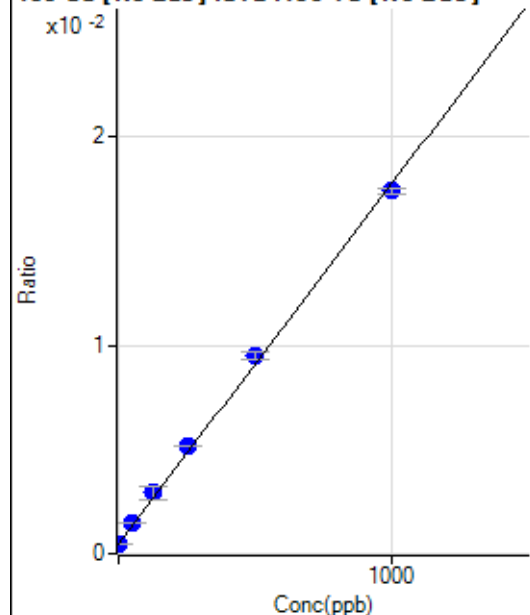
$$R = 0.9998$$

$$DL = 0.005541$$

$$BEC = 0.01447$$

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	4414.72	0.0005	P	5.7
2	☐	1.000	0.080	4742.63	0.0005	P	3.5
3	☐	50.000	57.074	14791.70	0.0014	P	1.7
4	☐	125.000	141.578	29874.86	0.0029	P	19.5
5	☐	250.000	271.920	54377.58	0.0052	P	1.3
6	☐	500.000	522.796	101165.27	0.0095	P	4.0
7	☐	1000.000	980.697	195942.15	0.0174	P	1.9
8	☐			4556.44	0.0005	P	5.7

$$y = 1.7295\text{E-}005 * x + 4.6066\text{E-}004$$

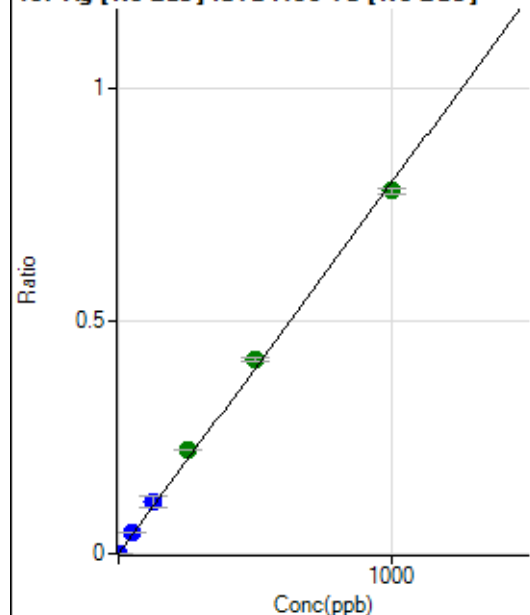
R = 0.9993

DL = 4.547

BEC = 26.63

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	113.89	0.0000	P	23.4
2	☐	1.000	0.981	8133.17	0.0008	P	2.6
3	☐	50.000	57.834	470180.98	0.0460	P	0.8
4	☐	125.000	140.127	1138792.96	0.1115	P	23.2
5	☐	250.000	279.924	2345549.36	0.2227	A	1.7
6	☐	500.000	523.477	4434425.88	0.4164	A	2.0
7	☐	1000.000	978.498	8755355.40	0.7784	A	1.4
8	☐			3967.37	0.0004	P	12.4

$$y = 7.9547\text{E-}004 * x + 1.1930\text{E-}005$$

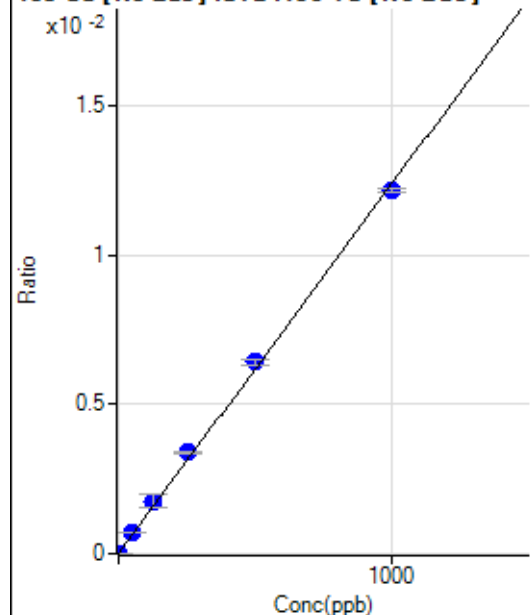
R = 0.9990

DL = 0.01052

BEC = 0.015

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	23.61	0.0000	P	17.3
2	☐	1.000	0.942	144.45	0.0000	P	9.8
3	☐	50.000	57.880	7338.15	0.0007	P	1.5
4	☐	125.000	142.658	18055.07	0.0018	P	22.9
5	☐	250.000	274.826	35819.01	0.0034	P	1.5
6	☐	500.000	518.785	68318.50	0.0064	P	3.1
7	☐	1000.000	981.800	136587.53	0.0121	P	1.2
8	☐			102.78	0.0000	P	27.8

$$y = 1.2366\text{E-}005 * x + 2.4247\text{E-}006$$

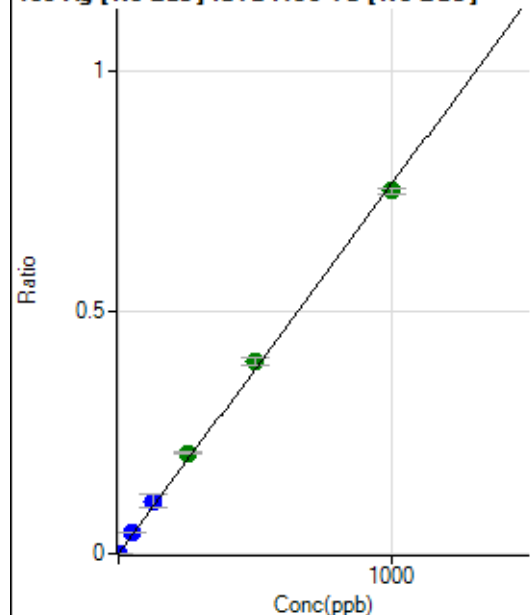
$$R = 0.9993$$

$$DL = 0.1021$$

$$BEC = 0.1961$$

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	69.45	0.0000	P	39.0
2	☐	1.000	0.986	7802.45	0.0008	P	5.1
3	☐	50.000	58.446	456533.30	0.0447	P	1.9
4	☐	125.000	142.930	1115690.60	0.1093	P	23.6
5	☐	250.000	271.542	2186592.24	0.2076	A	1.6
6	☐	500.000	519.394	4225560.12	0.3971	A	4.3
7	☐	1000.000	982.254	8446344.11	0.7509	A	1.8
8	☐			3731.17	0.0004	P	15.6

$$y = 7.6444\text{E-}004 * x + 7.0390\text{E-}006$$

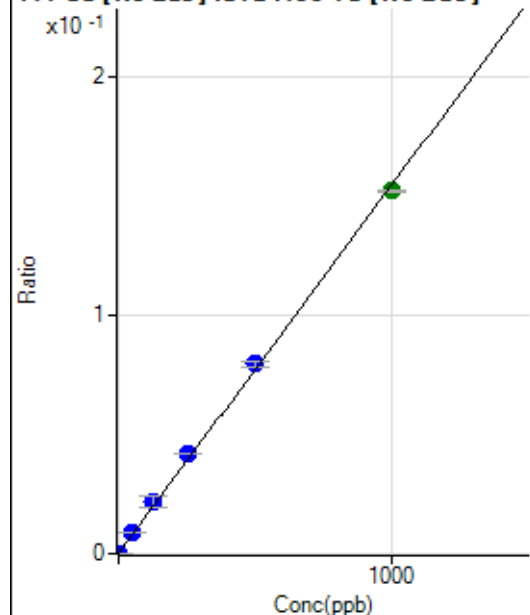
$$R = 0.9994$$

$$DL = 0.01077$$

$$BEC = 0.009208$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	891.46	0.0001	P	6.3
2	☐	1.000	0.942	2449.21	0.0002	P	4.7
3	☐	50.000	57.655	92004.64	0.0090	P	4.0
4	☐	125.000	141.671	225124.62	0.0220	P	21.9
5	☐	250.000	271.464	442984.26	0.0421	P	1.3
6	☐	500.000	514.716	848217.99	0.0797	P	2.6
7	☐	1000.000	984.809	1713631.37	0.1523	A	0.2
8	☐			1535.95	0.0002	P	12.5

$$y = 1.5460\text{E-}004 * x + 9.3053\text{E-}005$$

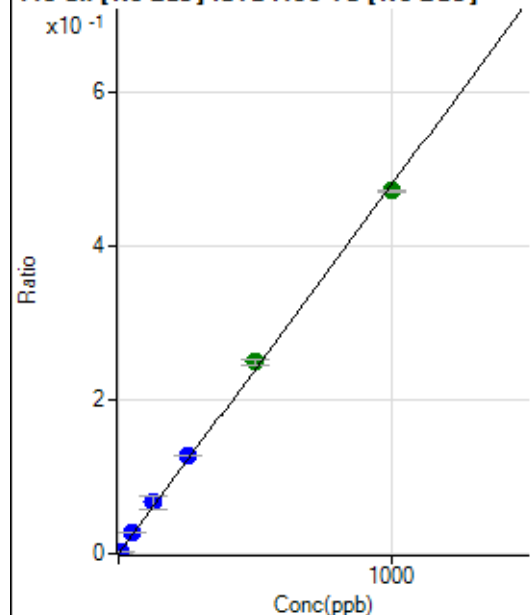
$$R = 0.9995$$

$$DL = 0.1133$$

$$BEC = 0.6019$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.24	0.0000	P	23.3
2	☐	5.000	4.734	23748.99	0.0023	P	3.0
3	☐	50.000	56.385	276688.31	0.0271	P	2.5
4	☐	125.000	138.166	677309.47	0.0663	P	23.1
5	☐	250.000	265.259	1340220.85	0.1272	P	0.8
6	☐	500.000	520.563	2658484.63	0.2497	A	3.3
7	☐	1000.000	983.940	5308253.42	0.4719	A	0.9
8	☐			7827.43	0.0008	P	11.7

$$y = 4.7954\text{E-}004 * x + 4.4598\text{E-}005$$

$$R = 0.9995$$

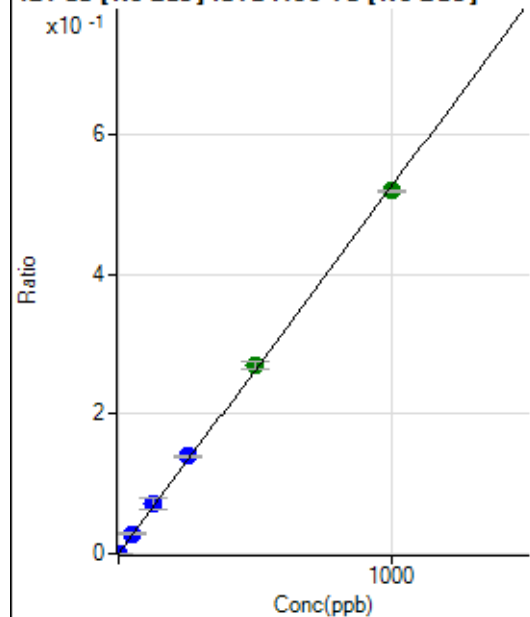
$$DL = 0.06498$$

$$BEC = 0.093$$

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	88.3
2	☐	2.000	1.943	10518.22	0.0010	P	3.2
3	☐	50.000	54.572	293402.85	0.0287	P	3.1
4	☐	125.000	135.112	727683.50	0.0711	P	21.8
5	☐	250.000	264.779	1467506.13	0.1393	P	0.3
6	☐	500.000	513.120	2873751.89	0.2700	A	4.1
7	☐	1000.000	988.253	5849913.98	0.5200	A	0.4
8	☐			2700.36	0.0003	P	15.2

$$y = 5.2623\text{E-}004 * x + 2.4651\text{E-}006$$

$$R = 0.9997$$

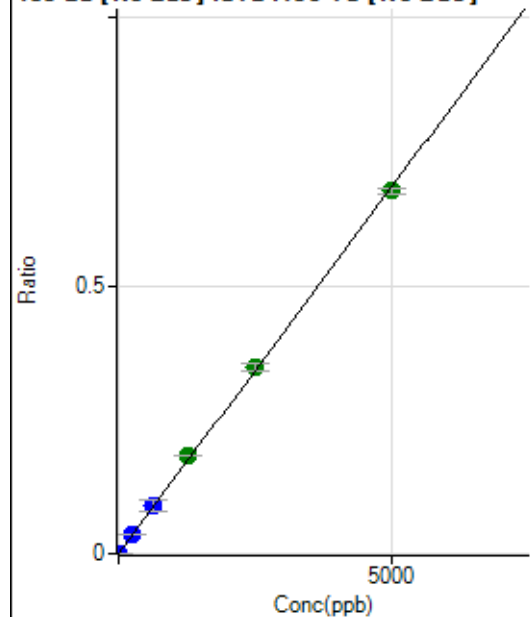
$$DL = 0.01241$$

$$BEC = 0.004684$$

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	27.78	0.0000	P	106.
2	☐	10.000	8.852	12444.91	0.0012	P	3.6
3	☐	250.000	269.161	375808.82	0.0368	P	4.0
4	☐	625.000	664.538	928365.03	0.0908	P	22.6
5	☐	1250.000	1330.532	1915212.04	0.1818	A	0.8
6	☐	2500.000	2546.752	3704333.76	0.3481	A	4.2
7	☐	5000.000	4950.593	7610743.83	0.6766	A	1.3
8	☐			4656.49	0.0005	P	13.5

$$y = 1.3667\text{E-}004 * x + 3.1108\text{E-}006$$

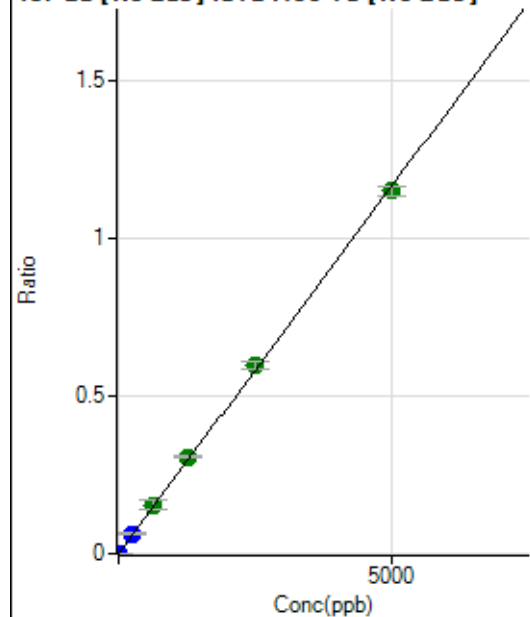
$$R = 0.9998$$

$$DL = 0.07248$$

$$BEC = 0.02276$$

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	41.67	0.0000	P	23.3
2	☐	10.000	9.145	21865.44	0.0021	P	3.1
3	☐	250.000	273.073	648644.21	0.0635	P	3.8
4	☐	625.000	667.346	1587769.90	0.1552	A	21.8
5	☐	1250.000	1320.663	3234011.73	0.3071	A	0.3
6	☐	2500.000	2570.961	6362788.08	0.5978	A	3.6
7	☐	5000.000	4940.409	12922594.38	1.1487	A	2.8
8	☐			8136.00	0.0008	P	9.2

$$y = 2.3251E-004 * x + 4.3769E-006$$

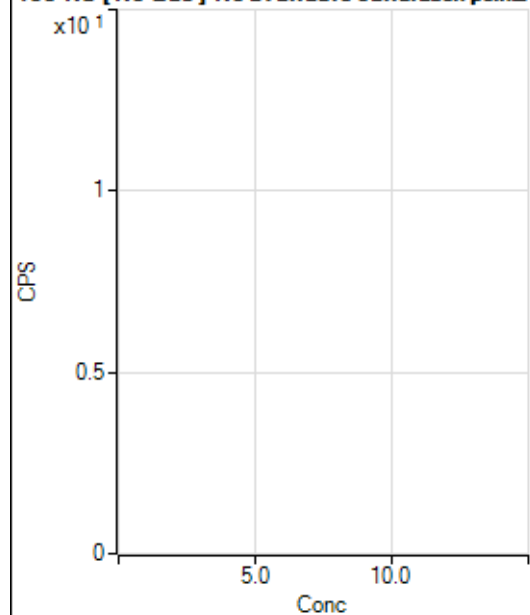
$$R = 0.9997$$

$$DL = 0.01314$$

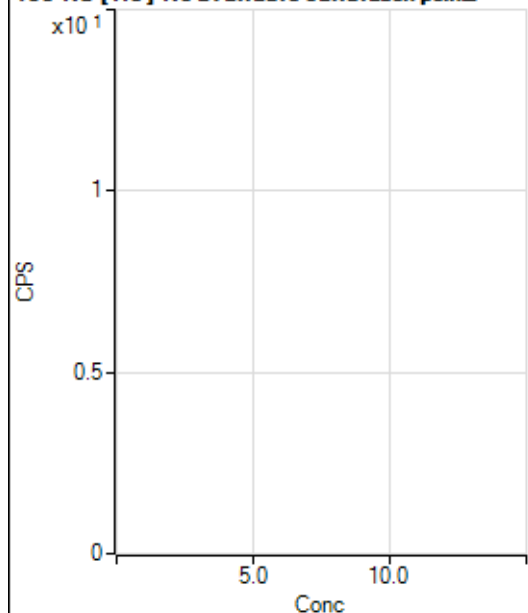
$$BEC = 0.01882$$

Weight: <None>

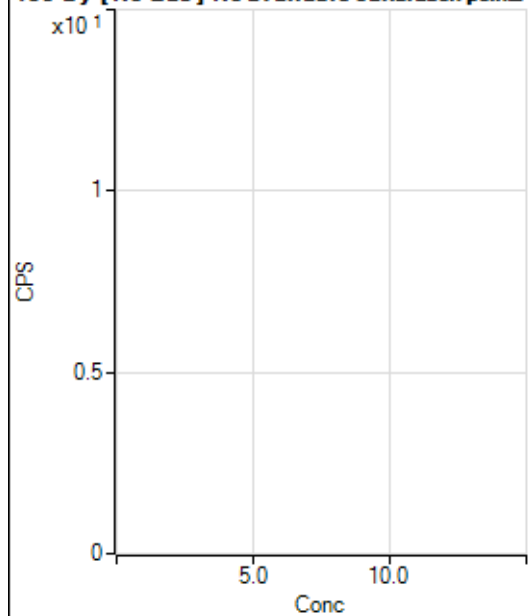
Min Conc: 0

150 Nd [No Gas] No available calibration points

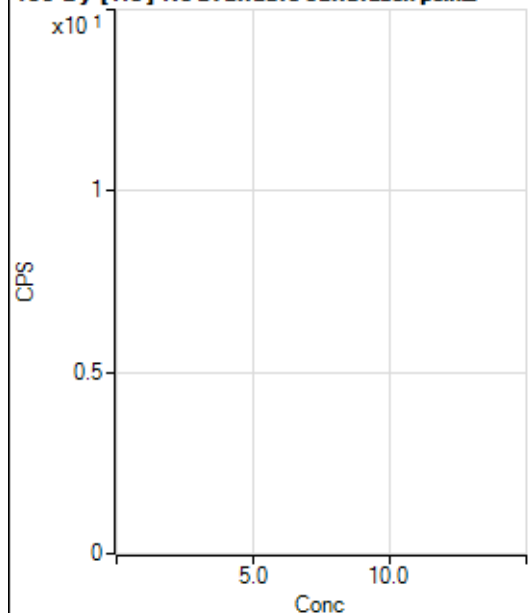
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	65.5
2	☐			2.22		P	173.
3	☐			31.11		P	24.7
4	☐			80.00		P	58.3
5	☐			155.56		P	33.3
6	☐			386.68		P	14.7
7	☐			700.03		P	6.9
8	☐			84.45		P	12.1

150 Nd [He] No available calibration points

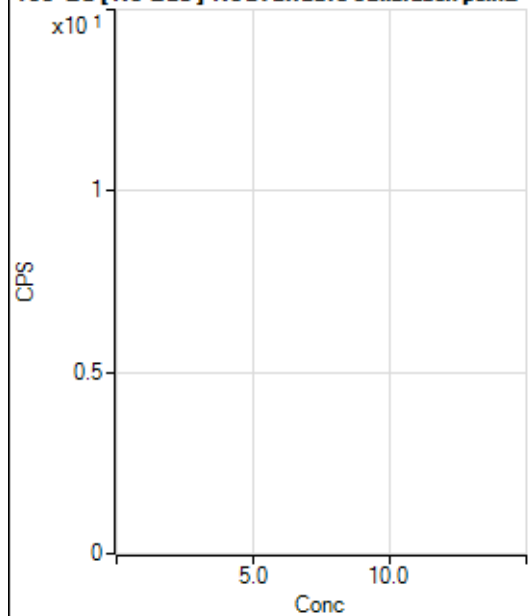
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			3.33		P	100.
4	☐			12.22		P	41.7
5	☐			10.00		P	33.3
6	☐			17.78		P	39.0
7	☐			48.89		P	20.8
8	☐			27.78		P	27.7

156 Dy [No Gas] No available calibration points

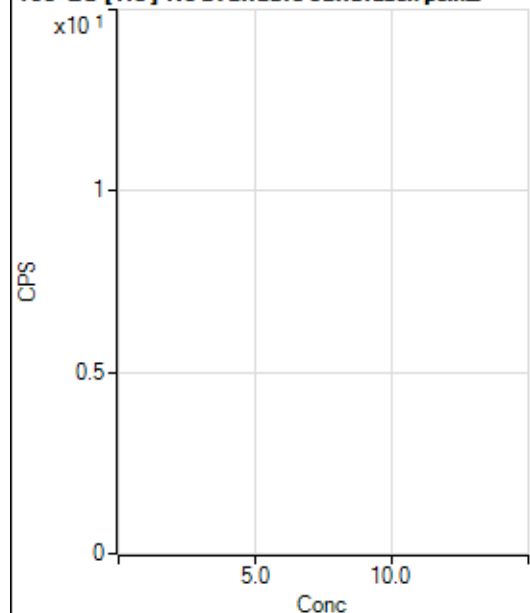
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			13.89		P	34.7
3	☐			8.33		P	100.
4	☐			50.00		P	44.1
5	☐			86.11		P	31.1
6	☐			150.01		P	22.2
7	☐			388.90		P	9.9
8	☐			1450.12		P	11.3

156 Dy [He] No available calibration points

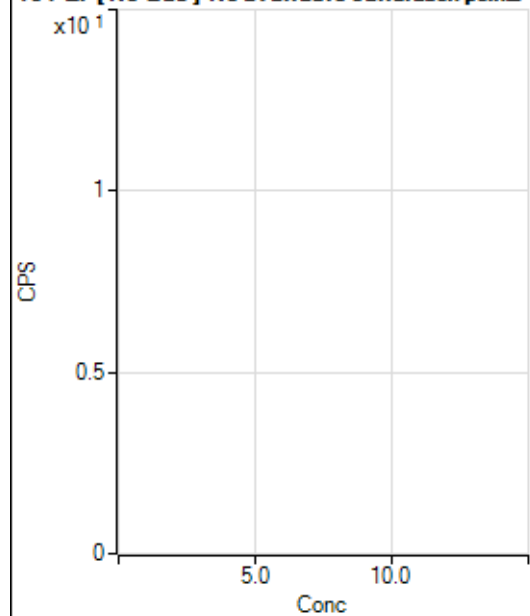
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			0.00		P	
3	☐			14.44		P	35.3
4	☐			32.22		P	31.6
5	☐			42.22		P	24.1
6	☐			107.78		P	20.1
7	☐			201.11		P	23.5
8	☐			642.25		P	5.7

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

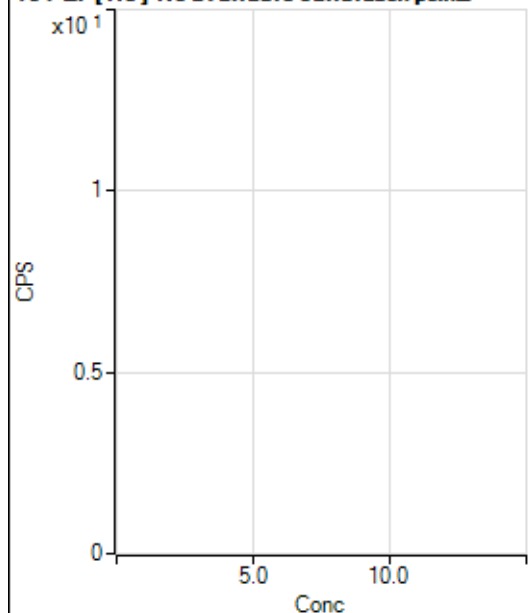
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	24.1
2	☐			86.12		P	29.6
3	☐			75.00		P	11.1
4	☐			125.01		P	29.1
5	☐			158.34		P	32.9
6	☐			252.79		P	12.5
7	☐			450.02		P	13.0
8	☐			1569.58		P	9.2

160 Gd [He] No available calibration points

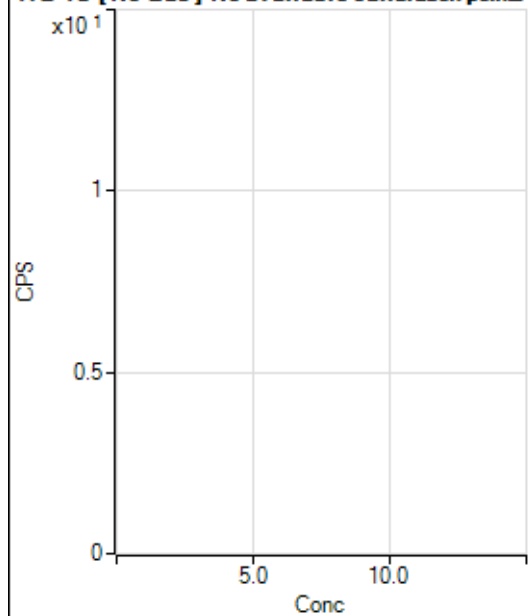
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			166.67		P	32.9
2	☐			185.56		P	2.1
3	☐			194.45		P	10.3
4	☐			187.78		P	11.8
5	☐			206.67		P	2.8
6	☐			262.23		P	16.0
7	☐			351.12		P	3.8
8	☐			995.61		P	2.8

164 Er [No Gas] No available calibration points

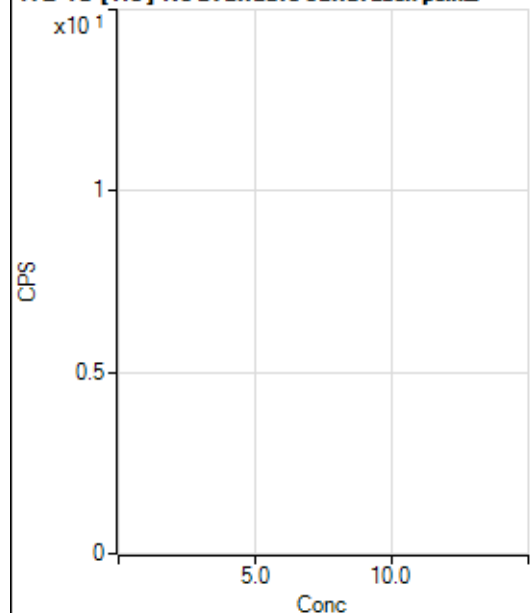
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐			80.56		P	15.8
3	☐			69.45		P	25.0
4	☐			88.89		P	5.4
5	☐			75.00		P	29.4
6	☐			75.00		P	48.4
7	☐			102.78		P	28.5
8	☐			161.12		P	16.6

164 Er [He] No available calibration points

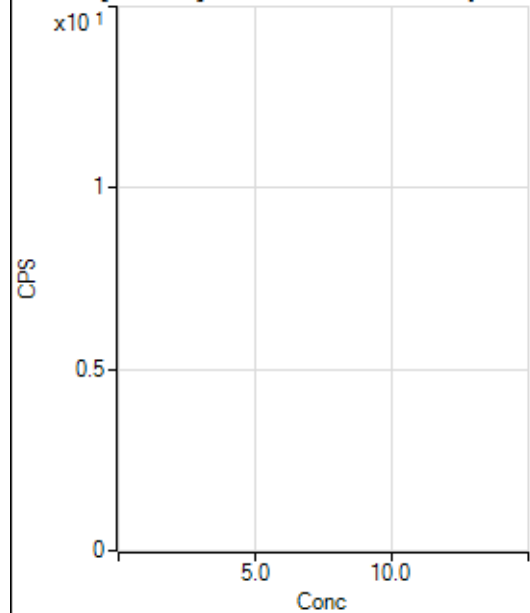
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	41.9
2	☐			27.78		P	25.0
3	☐			31.11		P	34.4
4	☐			25.56		P	30.1
5	☐			32.22		P	60.6
6	☐			27.78		P	36.7
7	☐			48.89		P	34.3
8	☐			71.11		P	9.8

172 Yb [No Gas] No available calibration points

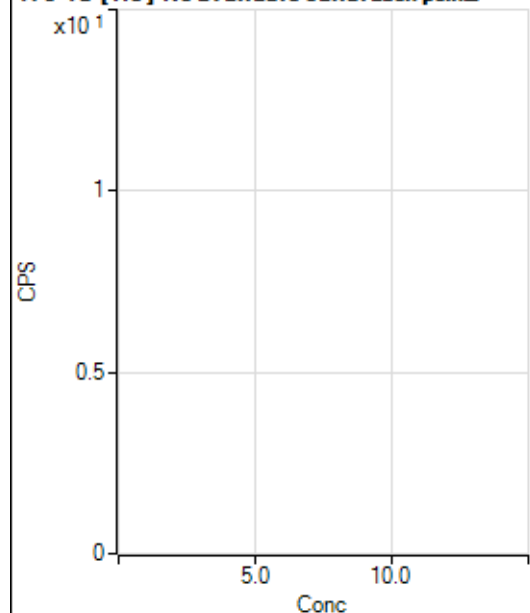
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	47.2
2	☐			30.56		P	63.0
3	☐			36.11		P	70.5
4	☐			55.56		P	17.3
5	☐			97.23		P	19.8
6	☐			122.22		P	3.9
7	☐			141.67		P	5.9
8	☐			552.80		P	6.1

172 Yb [He] No available calibration points

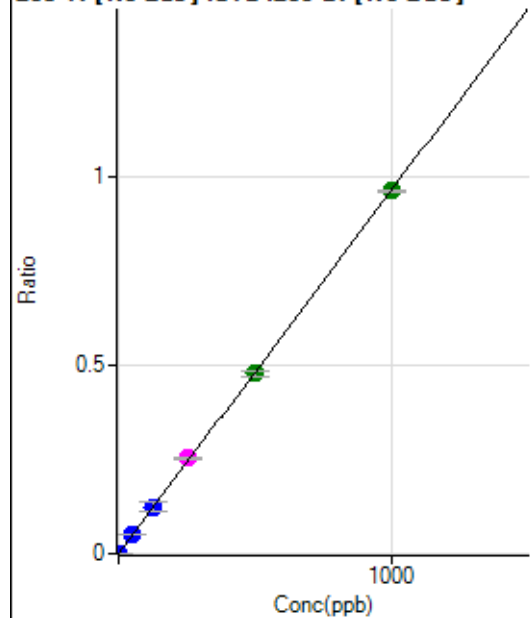
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	15.7
2	☐			27.78		P	20.0
3	☐			12.97		P	49.5
4	☐			27.78		P	52.9
5	☐			37.04		P	31.2
6	☐			37.04		P	17.3
7	☐			79.63		P	14.5
8	☐			305.56		P	12.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1761.28		P	10.3
2	☐			1936.31		P	10.0
3	☐			3319.96		P	3.7
4	☐			4967.75		P	9.5
5	☐			8127.71		P	2.2
6	☐			13963.35		P	0.5
7	☐			27084.07		P	2.2
8	☐			1966.87		P	2.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12302.21		P	4.1
2	☐			12754.50		P	5.8
3	☐			13928.12		P	2.5
4	☐			14126.30		P	1.0
5	☐			15678.11		P	3.9
6	☐			18570.71		P	0.8
7	☐			25335.59		P	1.1
8	☐			13271.73		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.24	0.0001	P	30.4
2	☐	1.000	0.853	5934.88	0.0009	P	8.7
3	☐	50.000	51.382	331189.99	0.0496	P	4.3
4	☐	125.000	127.491	807972.04	0.1230	P	19.9
5	☐	250.000	263.105	1670679.59	0.2538	M	1.5
6	☐	500.000	496.395	3223337.16	0.4788	A	3.0
7	☐	1000.000	998.146	6601769.76	0.9628	A	0.5
8	☐			1697.39	0.0003	P	10.8

$$y = 9.6448E-004 * x + 5.7027E-005$$

$$R = 0.9999$$

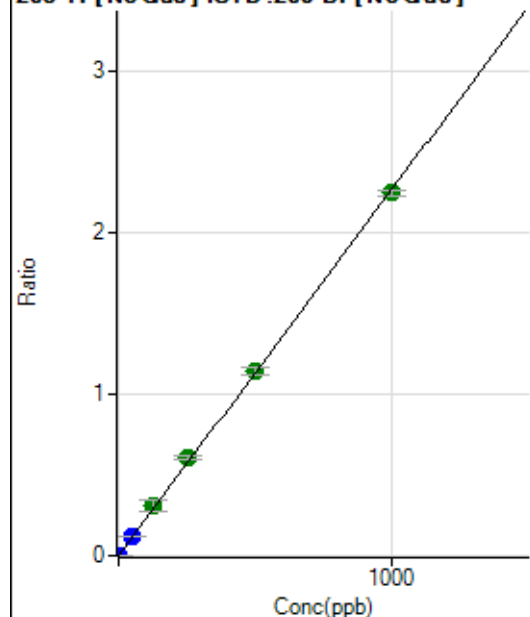
$$DL = 0.05396$$

$$BEC = 0.05913$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	713.93	0.0001	P	27.8
2	☐	1.000	0.852	13841.11	0.0020	P	4.3
3	☐	50.000	52.265	791656.55	0.1186	P	3.1
4	☐	125.000	135.470	2013874.24	0.3072	A	21.5
5	☐	250.000	267.670	3991427.17	0.6068	A	2.9
6	☐	500.000	504.708	7701911.20	1.1441	A	3.2
7	☐	1000.000	991.806	15415279.86	2.2482	A	1.5
8	☐			4067.43	0.0007	P	4.9

$$y = 0.0023 * x + 1.1693E-004$$

R = 0.9998

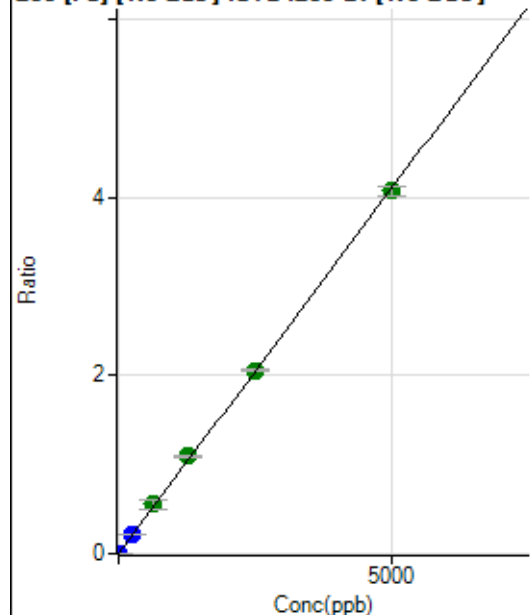
DL = 0.043

BEC = 0.05159

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	696.33	0.0001	P	9.5
2	☐	1.000	0.805	5223.36	0.0008	P	3.2
3	☐	250.000	252.744	1384358.67	0.2073	P	1.7
4	☐	625.000	671.455	3615526.76	0.5506	A	20.1
5	☐	1250.000	1334.997	7200438.30	1.0946	A	2.6
6	☐	2500.000	2509.021	13853305.05	2.0571	A	1.6
7	☐	5000.000	4968.296	27926276.09	4.0733	A	2.7
8	☐			7254.04	0.0013	P	10.7

$$y = 8.1983E-004 * x + 1.1251E-004$$

R = 0.9998

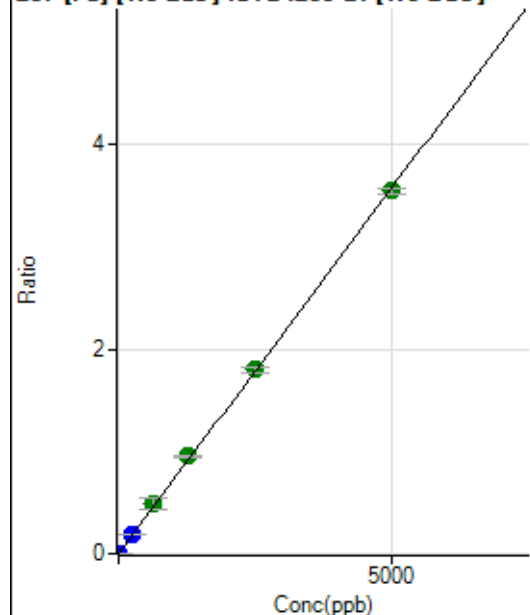
DL = 0.039

BEC = 0.1372

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	596.32	0.0001	P	26.4
2	☐	1.000	0.802	4534.22	0.0007	P	3.7
3	☐	250.000	257.843	1232076.29	0.1845	P	1.8
4	☐	625.000	684.387	3215777.18	0.4896	A	19.8
5	☐	1250.000	1332.836	6270819.53	0.9534	A	3.1
6	☐	2500.000	2513.743	12102071.11	1.7981	A	3.9
7	☐	5000.000	4964.604	24346951.24	3.5511	A	1.6
8	☐			5995.96	0.0011	P	6.7

$$y = 7.1527\text{E-}004 * x + 9.7631\text{E-}005$$

$$R = 0.9998$$

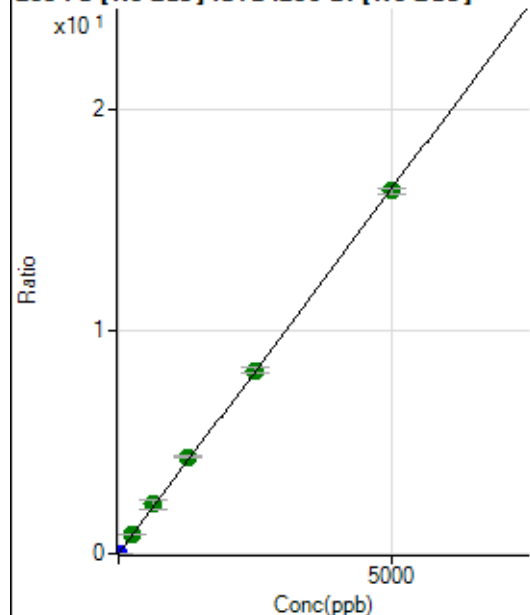
$$DL = 0.1082$$

$$BEC = 0.1365$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2740.90	0.0004	P	16.1
2	☐	1.000	0.819	21166.48	0.0031	P	3.3
3	☐	250.000	264.347	5796085.72	0.8680	A	0.9
4	☐	625.000	675.950	14556734.04	2.2188	A	20.7
5	☐	1250.000	1319.539	28490901.56	4.3309	A	1.9
6	☐	2500.000	2507.677	55401550.66	8.2301	A	3.3
7	☐	5000.000	4971.691	111871544.8	16.3164	A	1.3
8	☐			28188.48	0.0051	P	9.3

$$y = 0.0033 * x + 4.4520\text{E-}004$$

$$R = 0.9999$$

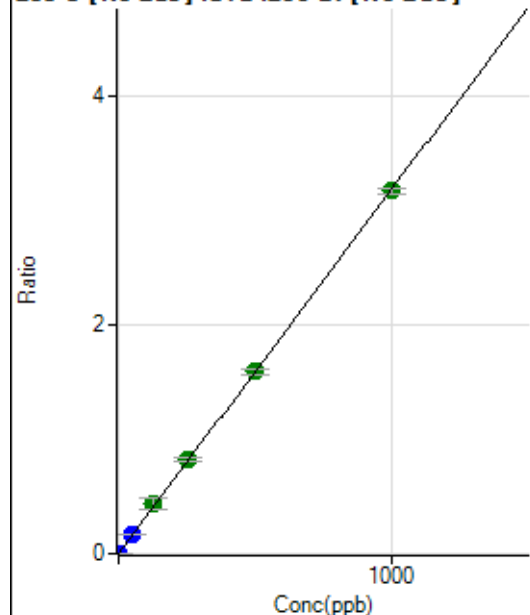
$$DL = 0.06563$$

$$BEC = 0.1357$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	28.2
2	☐	1.000	0.840	18088.40	0.0027	P	2.9
3	☐	50.000	51.381	1090279.96	0.1633	P	1.8
4	☐	125.000	135.973	2831790.86	0.4321	A	21.5
5	☐	250.000	259.870	5431514.14	0.8258	A	3.1
6	☐	500.000	499.879	10693336.44	1.5886	A	3.2
7	☐	1000.000	996.152	21708384.69	3.1656	A	1.3
8	☐			1700.17	0.0003	P	13.2

$$y = 0.0032 * x + 8.1872E-006$$

$$R = 0.9999$$

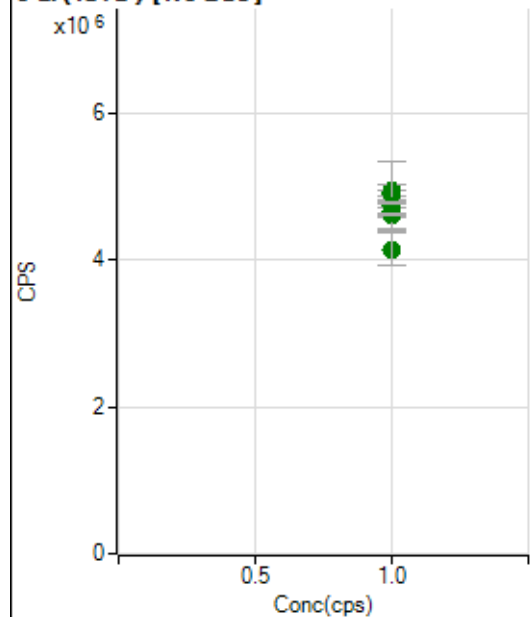
$$DL = 0.002182$$

$$BEC = 0.002576$$

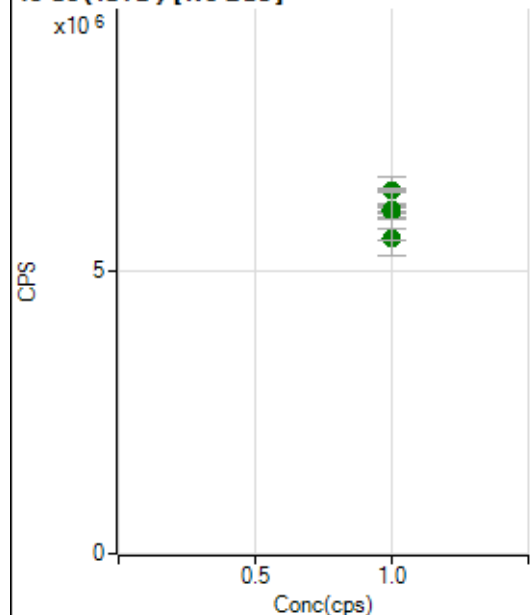
Weight: <None>

Min Conc: 0

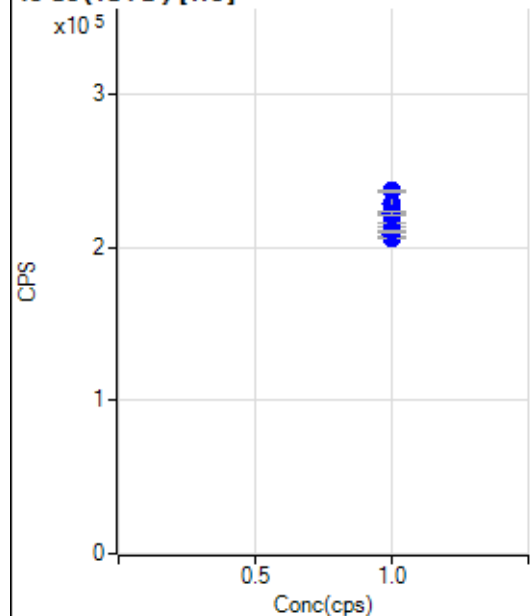
6 Li (ISTD) [No Gas]



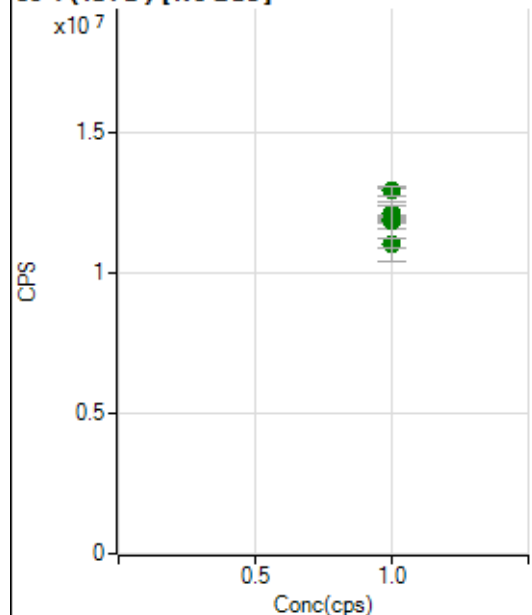
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4603024.58		A	8.8
2	☐	1.000		4934046.84		A	3.2
3	☐	1.000		4905740.91		A	1.7
4	☐	1.000		4885607.77		A	18.8
5	☐	1.000		4743302.41		A	1.8
6	☐	1.000		4664237.76		A	3.7
7	☐	1.000		4617231.55		A	0.5
8	☐	1.000		4141177.34		A	10.7

45 Sc (ISTD) [No Gas]

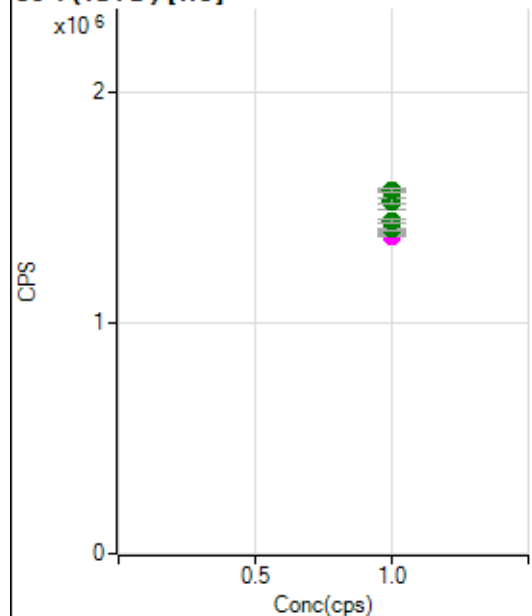
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5573847.94		A	11.6
2	☐	1.000		6073759.84		A	2.2
3	☐	1.000		6074021.78		A	1.4
4	☐	1.000		6083055.43		A	18.6
5	☐	1.000		6020245.33		A	2.8
6	☐	1.000		6033353.73		A	4.9
7	☐	1.000		6396618.79		A	0.9
8	☐	1.000		6066583.31		A	11.0

45 Sc (ISTD) [He]

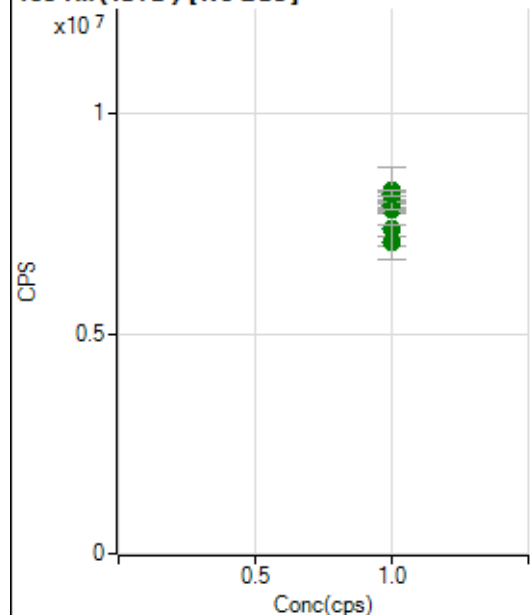
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		211305.88		P	1.5
2	☐	1.000		216085.74		P	0.5
3	☐	1.000		228613.24		P	6.1
4	☐	1.000		208523.41		P	0.8
5	☐	1.000		206187.85		P	0.2
6	☐	1.000		210402.33		P	0.8
7	☐	1.000		221758.23		P	1.0
8	☐	1.000		236905.43		P	0.6

89 Y (ISTD) [No Gas]

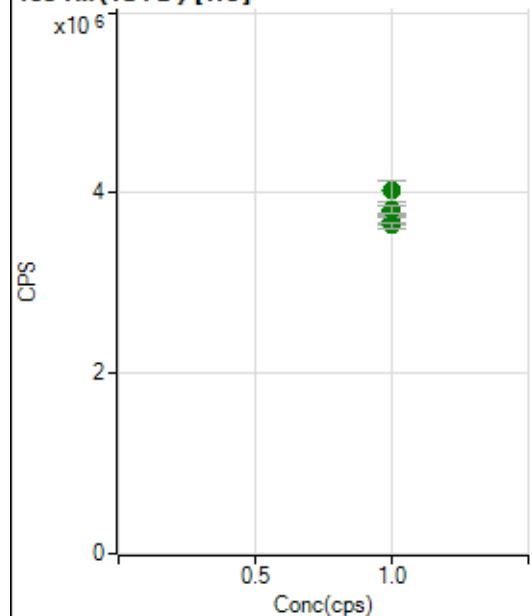
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10991842.55		A	11.0
2	☐	1.000		11878714.82		A	1.0
3	☐	1.000		11918944.13		A	2.1
4	☐	1.000		11940846.21		A	18.2
5	☐	1.000		11864405.93		A	1.7
6	☐	1.000		12119943.15		A	4.8
7	☐	1.000		12910353.97		A	2.8
8	☐	1.000		11866993.71		A	10.7

89 Y (ISTD) [He]

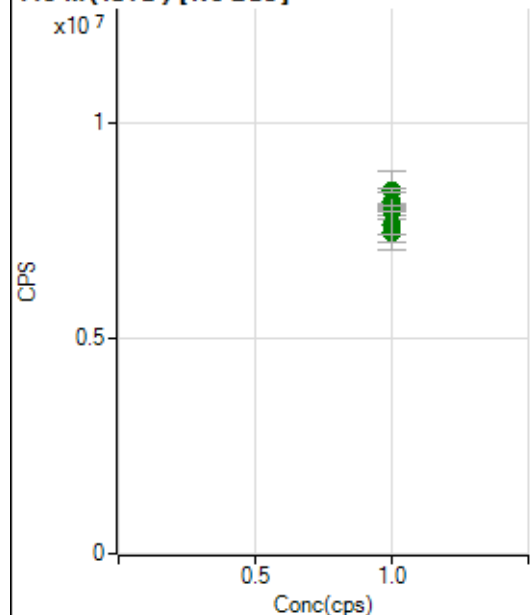
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1395031.53		A	0.2
2	☐	1.000		1408545.10		M	4.1
3	☐	1.000		1535324.56		A	5.5
4	☐	1.000		1381202.62		M	0.7
5	☐	1.000		1406871.99		A	1.1
6	☐	1.000		1442877.20		A	1.2
7	☐	1.000		1531032.34		A	1.6
8	☐	1.000		1575228.59		A	1.1

103 Rh (ISTD) [No Gas]

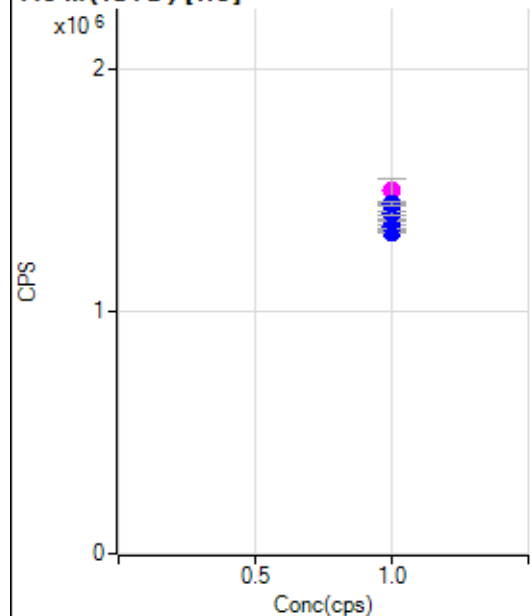
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7380831.63		A	10.1
2	☐	1.000		8003416.67		A	1.3
3	☐	1.000		8248975.97		A	0.3
4	☐	1.000		8000889.20		A	20.2
5	☐	1.000		7841473.18		A	1.1
6	☐	1.000		7925591.33		A	2.1
7	☐	1.000		8195997.15		A	1.5
8	☐	1.000		7084084.71		A	11.2

103 Rh (ISTD) [He]

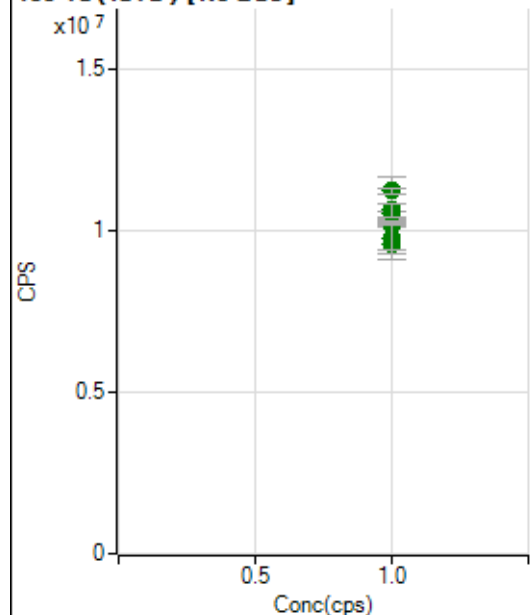
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3749894.25		A	0.7
2	☐	1.000		3800693.24		A	3.4
3	☐	1.000		4023393.10		A	6.0
4	☐	1.000		3778388.83		A	0.1
5	☐	1.000		3698861.96		A	2.6
6	☐	1.000		3736551.37		A	0.8
7	☐	1.000		3821276.54		A	1.9
8	☐	1.000		3636528.66		A	2.0

115 In (ISTD) [No Gas]

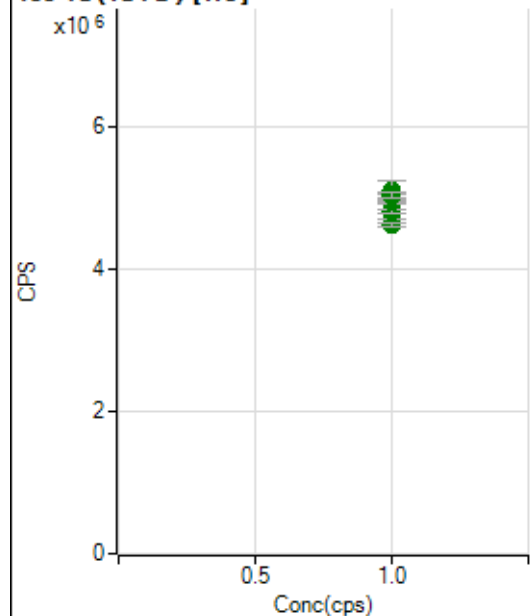
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7473138.22		A	11.1
2	☐	1.000		8072748.47		A	1.1
3	☐	1.000		8078291.79		A	1.7
4	☐	1.000		8165672.63		A	18.3
5	☐	1.000		7954924.38		A	3.9
6	☐	1.000		8193032.98		A	5.8
7	☐	1.000		8437422.51		A	1.1
8	☐	1.000		7661468.10		A	10.9

115 In (ISTD) [He]

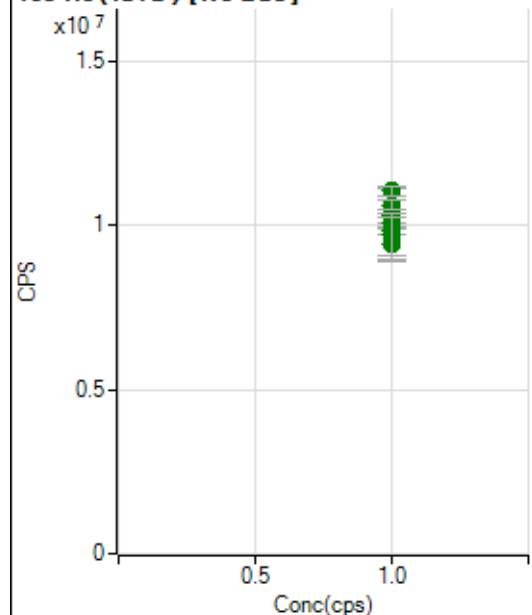
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1322853.88		P	0.2
2	☐	1.000		1358129.24		P	3.3
3	☐	1.000		1495818.60		M	6.7
4	☐	1.000		1354265.04		P	0.3
5	☐	1.000		1348000.23		P	0.6
6	☐	1.000		1372884.38		P	0.6
7	☐	1.000		1401892.97		P	1.0
8	☐	1.000		1442246.09		P	0.7

159 Tb (ISTD) [No Gas]

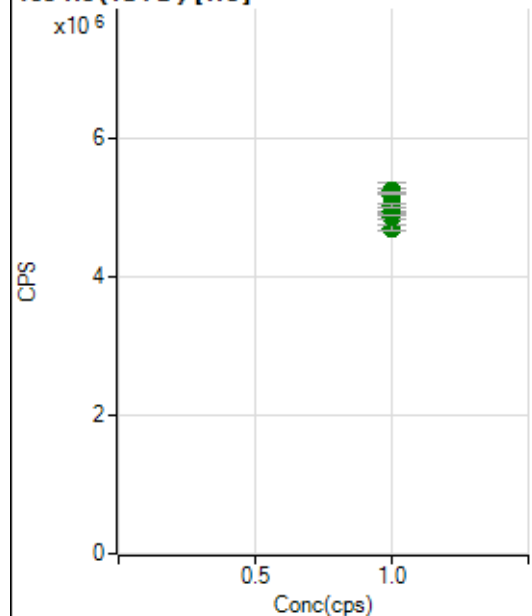
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9621111.11		A	10.7
2	☐	1.000		10265919.64		A	2.5
3	☐	1.000		10217783.94		A	1.0
4	☐	1.000		10561992.55		A	21.5
5	☐	1.000		10531856.44		A	1.4
6	☐	1.000		10654323.11		A	4.0
7	☐	1.000		11248518.17		A	1.4
8	☐	1.000		9805681.38		A	10.2

159 Tb (ISTD) [He]

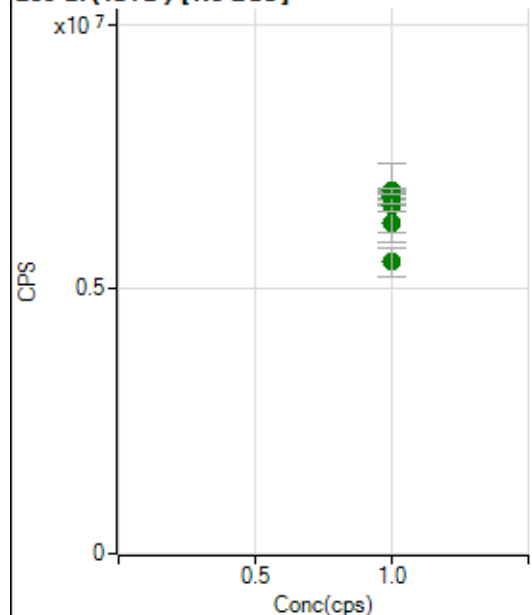
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4622190.66		A	1.1
2	☐	1.000		4765922.43		A	2.9
3	☐	1.000		5092097.18		A	5.3
4	☐	1.000		4801288.16		A	1.1
5	☐	1.000		4809141.08		A	1.2
6	☐	1.000		4926601.07		A	0.6
7	☐	1.000		5014911.87		A	0.9
8	☐	1.000		5035076.56		A	1.9

165 Ho (ISTD) [No Gas]

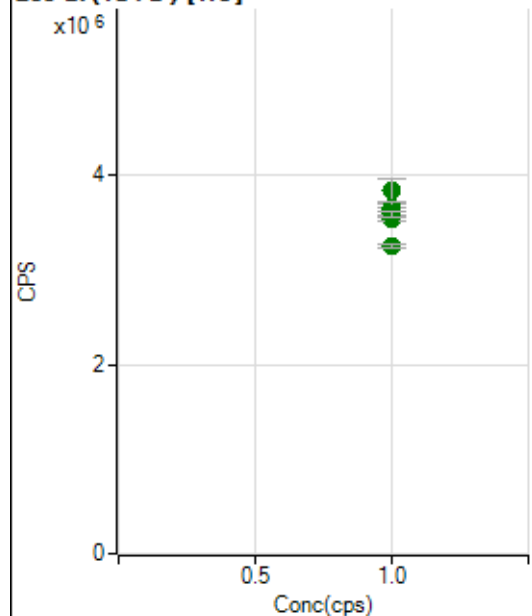
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9407525.21		A	10.7
2	☐	1.000		9850423.40		A	2.4
3	☐	1.000		10209574.97		A	2.3
4	☐	1.000		10054164.55		A	21.5
5	☐	1.000		10295498.06		A	0.7
6	☐	1.000		10611642.77		A	3.0
7	☐	1.000		11037972.64		A	2.4
8	☐	1.000		9722174.61		A	12.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4698290.59		A	1.5
2	☐	1.000		4863956.32		A	1.3
3	☐	1.000		5163818.19		A	6.8
4	☐	1.000		4911767.01		A	0.6
5	☐	1.000		4935699.99		A	1.8
6	☐	1.000		5019813.60		A	1.2
7	☐	1.000		5232483.32		A	1.5
8	☐	1.000		5201173.99		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6234391.99		A	11.6
2	☐	1.000		6759588.23		A	2.7
3	☐	1.000		6678093.72		A	1.6
4	☐	1.000		6740994.83		A	19.4
5	☐	1.000		6581354.55		A	3.4
6	☐	1.000		6736805.66		A	3.7
7	☐	1.000		6857272.12		A	1.6
8	☐	1.000		5512270.65		A	10.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3544554.32		A	1.9
2	☐	1.000		3661081.41		A	1.8
3	☐	1.000		3837656.05		A	6.3
4	☐	1.000		3643945.61		A	1.5
5	☐	1.000		3572925.53		A	0.4
6	☐	1.000		3666291.79		A	2.8
7	☐	1.000		3592735.50		A	1.6
8	☐	1.000		3251629.92		A	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8031023 MS.b

Acq. Date-Time 2023-03-10 09:55:56

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		15210	152096.94			2.206	5.000
24		97410	974098.96			2.305	5.000
25		12648	126477.22			1.562	5.000
26		14841	148405.33			1.272	5.000
59		73098	730979.72			2.776	5.000
113		6936	69356.45			1.463	5.000
115		89215	892149.88			2.402	5.000
206		21272	212724.62			2.893	5.000
207		19625	196245.93			1.904	5.000
208		46788	467881.24			1.988	5.000
220		0	4.10			23.458	

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

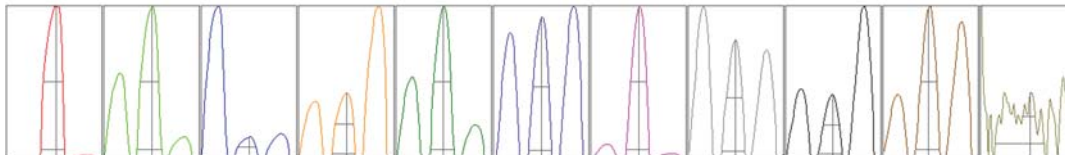
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15205	14647	15415	15506	15275
24	97346	93910	100154	97679	97961
25	12663	12329	12856	12753	12638
26	14936	14516	14978	14936	14838
59	73920	70048	75636	72902	72983
113	7034	6812	6995	6997	6840
115	89786	86815	92081	90027	87367
206	21540	20395	22046	21365	21016
207	19913	19100	20051	19529	19530
208	47166	45503	47965	47003	46303

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	26670.00	9.10	8.90 - 9.10	
24	179320.80	24.05	23.90 - 24.10	
25	23614.98	25.05	24.90 - 25.10	
26	27311.36	26.05	25.90 - 26.10	
59	143395.88	59.00	58.90 - 59.10	
113	14408.07	113.05	112.90 - 113.10	
115	185211.61	115.05	114.90 - 115.10	
206	43051.44	206.00	205.90 - 206.10	
207	39310.28	207.00	206.90 - 207.10	
208	94003.81	207.95	207.90 - 208.10	
220	0.60	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.741	0.900	
24	0.57	0.777	0.900	
25	0.57	0.738	0.900	
26	0.58	0.737	0.900	
59	0.54	0.730	0.900	
113	0.50	0.722	0.900	
115	0.50	0.716	0.900	
206	0.50	0.738	0.900	
207	0.51	0.769	0.900	
208	0.50	0.768	0.900	
220	0.39	1.544		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.3 V	Deflect	14.4 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-0.8 mm
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EM

Discriminator	4.3 mV	Analog HV	2320 V	Pulse HV	1730 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		15718	157182.83			1.840	
89		17419	174189.03			1.389	
205		14664	146644.18			1.254	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	15693	15907	15288	16049	15654
89	17470	17682	17155	17607	17179
205	14863	14714	14440	14799	14507

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-0.8 mm
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EM

Discriminator	4.3 mV	Analog HV	2320 V	Pulse HV	1730 V
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LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	-0.33	-0.54	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	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	0.62	-0.38	-0.23	0.00	N/A	ppb
Boron	11-1	0.59	-0.27	-0.33	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	1.74	-0.99	-0.75	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.01	0.03	0.00	N/A	ppb
Calcium	43-1	1.78	-0.83	-0.95	0.00	N/A	ppb
Calcium	44-1	5.44	-2.74	-2.70	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.19	0.34	-0.15	0.00	N/A	ppb
Iron	56-2	0.02	0.01	-0.03	0.00	N/A	ppb
Iron	57-2	0.27	0.10	-0.36	0.00	N/A	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Lead	208-1	0.02	-0.01	-0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.15	0.37	-0.22	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-11.30	-5.92	-24.21	-13.81		ppb
Potassium	39-2	-1.53	0.57	0.96	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	-0.02	0.00	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	0.12	-0.45	0.00	N/A	ppb
Silicon	28-1	14.63	-7.15	-7.48	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.46	0.06	0.41	0.00	N/A	ppb
Strontium	86-1	0.07	-0.02	-0.05	0.00	N/A	ppb
Strontium	88-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	2509.28	-468.42	-419.42	540.48	315.50	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.02	0.00	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	-0.02	-0.09	0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.48	18.01	17.34	17.61	2.00	ppb
Antimony	121-1	1.96	1.87	1.99	1.94	3.19	ppb
Arsenic	75-2	1.07	0.94	0.98	1.00	6.42	ppb
Barium	135-1	9.14	8.51	8.91	8.85	3.61	ppb
Barium	137-1	9.42	8.85	9.16	9.15	3.11	ppb
Beryllium	9-1	0.98	0.98	0.96	0.98	1.07	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	18.81	20.64	22.96	20.81	9.99	ppb
Boron	11-1	19.56	21.24	24.16	21.65	10.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.97	0.86	1.00	0.94	7.71	ppb
Cadmium	106-1	-0.87	0.08	1.03	0.08	1187.50	ppb
Cadmium	108-1	1.06	0.92	0.84	0.94	11.90	ppb
Calcium	43-1	427.01	407.97	413.05	416.01	2.37	ppb
Calcium	44-1	419.79	402.83	400.66	407.76	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.78	1.65	1.73	4.26	ppb
Cobalt	59-2	0.87	0.81	0.86	0.85	3.83	ppb
Copper	63-2	1.94	1.85	1.87	1.89	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	46.46	43.85	48.62	46.31	5.16	ppb
Iron	56-2	45.94	44.81	44.18	44.97	1.99	ppb
Iron	57-2	42.61	46.97	48.36	45.98	6.53	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.83	0.77	0.81	0.81	3.72	ppb
Lead	207-1	0.78	0.79	0.84	0.80	4.37	ppb
Lead	208-1	0.84	0.78	0.83	0.82	3.83	ppb
Lithium	6-1				107		%
Magnesium	24-2	475.12	449.06	446.30	456.83	3.48	ppb
Manganese	55-2	1.00	0.89	1.01	0.97	7.04	ppb
Molybdenum	94-1	5.09	5.61	5.86	5.52	7.18	ppb
Molybdenum	95-1	4.38	4.77	4.51	4.55	4.39	ppb
Molybdenum	96-1	4.64	4.58	4.67	4.63	0.95	ppb
Molybdenum	97-1	4.32	4.59	4.73	4.55	4.55	ppb
Molybdenum	98-1	4.38	4.53	4.41	4.44	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.92	0.81	0.90	9.50	ppb
Phosphorus	31-2	-2.84	31.64	12.64	13.81	125.06	ppb
Potassium	39-2	418.35	418.06	430.15	422.19	1.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	4.88	5.47	5.01	5.12	6.07	ppb
Selenium	77-2	3.73	10.32	4.24	6.09	60.17	ppb
Selenium	78-2	5.60	5.62	5.84	5.69	2.37	ppb
Silicon	28-1	1.64	-1.02	-0.72	-0.03		ppb
Silver	107-1	0.96	0.97	1.01	0.98	2.65	ppb
Silver	109-1	1.01	0.93	1.02	0.99	5.11	ppb
Sodium	23-2	451.25	449.73	448.72	449.90	0.28	ppb
Strontium	86-1	1.01	1.03	0.95	1.00	4.03	ppb
Strontium	88-1	0.96	0.93	0.90	0.93	2.98	ppb
Sulfur	34-1	-279.22	-701.86	-640.36	-540.48		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.79	0.82	0.94	0.85	9.31	ppb
Thallium	205-1	0.81	0.85	0.89	0.85	4.57	ppb
Tin	118-1	4.82	4.56	4.82	4.73	3.10	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.75	4.60	4.84	4.73	2.59	ppb
Uranium	238-1	0.82	0.84	0.86	0.84	2.90	ppb
Vanadium	51-2	4.16	4.31	4.20	4.22	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	1.96	1.76	2.10	1.94	8.82	ppb
Zirconium	90-1	0.89	0.93	0.85	0.89	4.50	ppb
Zirconium	91-1	0.76	0.97	0.89	0.87	12.17	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	974.04	982.10	1047.42	1001.19	4.02	ppb
Antimony	121-1	52.97	56.37	54.38	54.57	3.13	ppb
Arsenic	75-2	49.08	48.86	53.20	50.38	4.85	ppb
Barium	135-1	257.06	277.07	273.35	269.16	3.95	ppb
Barium	137-1	261.18	277.31	280.72	273.07	3.82	ppb
Beryllium	9-1	54.22	54.00	55.24	54.49	1.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	46.13	50.15	53.91	50.06	7.77	ppb
Boron	11-1	49.08	51.45	55.73	52.09	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	54.98	58.96	59.03	57.66	4.02	ppb
Cadmium	106-1	55.93	58.67	56.62	57.07	2.50	ppb
Cadmium	108-1	58.08	56.95	58.61	57.88	1.46	ppb
Calcium	43-1	5456.35	5448.78	5599.69	5501.60	1.55	ppb
Calcium	44-1	5140.62	5317.54	5222.53	5226.90	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.36	46.43	49.59	47.13	4.67	ppb
Cobalt	59-2	45.50	46.82	51.05	47.79	6.06	ppb
Copper	63-2	486.89	482.65	536.85	502.13	6.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				113		%
Iron	54-2	2428.00	2456.72	2614.82	2499.85	4.02	ppb
Iron	56-2	2555.06	2503.05	2735.15	2597.76	4.69	ppb
Iron	57-2	2412.98	2406.37	2675.25	2498.20	6.14	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	248.03	253.97	256.24	252.74	1.68	ppb
Lead	207-1	252.38	260.67	260.48	257.84	1.83	ppb
Lead	208-1	261.84	264.93	266.27	264.35	0.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	5059.44	5170.69	5467.46	5232.53	4.03	ppb
Manganese	55-2	456.62	469.51	507.59	477.91	5.54	ppb
Molybdenum	94-1	529.12	559.82	556.46	548.46	3.07	ppb
Molybdenum	95-1	544.79	562.01	543.93	550.24	1.85	ppb
Molybdenum	96-1	540.14	574.21	565.57	559.97	3.16	ppb
Molybdenum	97-1	526.82	563.42	561.47	550.57	3.74	ppb
Molybdenum	98-1	530.19	562.72	553.26	548.73	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.44	49.46	53.27	50.39	5.05	ppb
Phosphorus	31-2	953.79	971.27	1037.94	987.66	4.50	ppb
Potassium	39-2	2216.98	2257.40	2434.20	2302.86	5.02	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	54.84	58.55	57.92	57.10	3.47	ppb
Selenium	77-2	50.33	47.18	50.92	49.48	4.07	ppb
Selenium	78-2	49.72	49.87	52.50	50.70	3.09	ppb
Silicon	28-1	46.95	51.88	62.45	53.76	14.73	ppb
Silver	107-1	57.55	58.39	57.57	57.83	0.83	ppb
Silver	109-1	57.23	59.40	58.71	58.45	1.90	ppb
Sodium	23-2	4886.97	5080.75	5444.82	5137.52	5.51	ppb
Strontium	86-1	1365.37	1361.89	1373.22	1366.82	0.42	ppb
Strontium	88-1	1298.27	1378.39	1376.39	1351.02	3.38	ppb
Sulfur	34-1	978.52	757.81	1214.05	983.46	23.20	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	48.89	53.22	52.04	51.38	4.35	ppb
Thallium	205-1	50.44	53.63	52.72	52.27	3.14	ppb
Tin	118-1	54.79	56.90	57.47	56.38	2.50	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	551.63	538.21	564.16	551.33	2.35	ppb
Uranium	238-1	50.31	52.02	51.81	51.38	1.82	ppb
Vanadium	51-2	45.57	46.06	49.76	47.13	4.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	519.56	541.95	584.59	548.70	6.02	ppb
Zirconium	90-1	53.09	55.04	54.40	54.18	1.83	ppb
Zirconium	91-1	51.98	53.68	54.42	53.36	2.35	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2704.09	2554.58	2574.89	2611.19	3.11	ppb
Antimony	121-1	165.58	106.72	133.04	135.11	21.82	ppb
Arsenic	75-2	141.43	135.37	134.95	137.25	2.64	ppb
Barium	135-1	814.61	514.72	664.29	664.54	22.56	ppb
Barium	137-1	812.52	521.24	668.28	667.35	21.82	ppb
Beryllium	9-1	164.99	109.97	132.55	135.84	20.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	146.95	100.25	129.94	125.71	18.80	ppb
Boron	11-1	151.85	106.41	133.59	130.62	17.50	ppb
Bromine	81-1						cps
Cadmium	111-1	174.35	112.36	138.31	141.67	21.98	ppb
Cadmium	106-1	174.83	109.37	140.53	141.58	23.13	ppb
Cadmium	108-1	177.04	112.07	138.87	142.66	22.89	ppb
Calcium	43-1	16671.19	11035.19	13464.91	13723.76	20.60	ppb
Calcium	44-1	15909.67	10596.11	12501.58	13002.45	20.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.97	126.53	122.49	127.00	3.75	ppb
Cobalt	59-2	129.58	125.09	124.68	126.45	2.15	ppb
Copper	63-2	1395.89	1327.71	1324.69	1349.43	2.98	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				107		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	6867.48	6754.67	6658.99	6760.38	1.54	ppb
Iron	56-2	7167.73	6767.10	6800.12	6911.65	3.22	ppb
Iron	57-2	6886.54	6609.31	6579.64	6691.83	2.53	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	811.41	542.70	660.26	671.46	20.06	ppb
Lead	207-1	822.76	551.24	679.16	684.39	19.85	ppb
Lead	208-1	821.60	542.03	664.22	675.95	20.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	14297.64	13809.40	13520.91	13875.98	2.83	ppb
Manganese	55-2	1394.43	1347.06	1288.82	1343.44	3.94	ppb
Molybdenum	94-1	1685.20	1120.72	1326.32	1377.41	20.74	ppb
Molybdenum	95-1	1676.93	1114.31	1350.64	1380.63	20.46	ppb
Molybdenum	96-1	1659.28	1132.10	1346.94	1379.44	19.22	ppb
Molybdenum	97-1	1649.78	1140.36	1352.85	1381.00	18.53	ppb
Molybdenum	98-1	1646.19	1097.62	1328.35	1357.38	20.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.34	134.59	132.31	134.74	1.87	ppb
Phosphorus	31-2	2868.32	2632.76	2736.94	2746.01	4.30	ppb
Potassium	39-2	6310.80	6072.12	6059.56	6147.50	2.30	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	82-1	173.51	114.15	141.21	142.96	20.79	ppb
Selenium	77-2	161.36	155.04	141.74	152.71	6.56	ppb
Selenium	78-2	142.48	140.67	137.61	140.26	1.75	ppb
Silicon	28-1	164.73	95.41	152.72	137.62	26.92	ppb
Silver	107-1	174.03	109.34	137.01	140.13	23.16	ppb
Silver	109-1	178.79	111.75	138.25	142.93	23.62	ppb
Sodium	23-2	13443.56	13272.29	12867.74	13194.53	2.24	ppb
Strontium	86-1	4113.78	2750.47	3361.87	3408.71	20.03	ppb
Strontium	88-1	4108.30	2703.93	3381.53	3397.92	20.67	ppb
Sulfur	34-1	6283.02	330.12	2936.06	3183.07	93.75	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	153.35	102.72	126.40	127.49	19.87	ppb
Thallium	205-1	166.98	109.38	130.05	135.47	21.54	ppb
Tin	118-1	171.03	107.39	136.08	138.17	23.07	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1690.49	1130.00	1356.18	1392.22	20.25	ppb
Uranium	238-1	165.88	107.39	134.64	135.97	21.52	ppb
Vanadium	51-2	133.18	125.99	123.79	127.66	3.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	1377.94	1330.14	1331.64	1346.57	2.02	ppb
Zirconium	90-1	164.72	111.88	133.70	136.76	19.41	ppb
Zirconium	91-1	159.40	108.86	131.85	133.37	18.97	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5282.72	5120.38	5072.61	5158.57	2.14	ppb
Antimony	121-1	263.94	264.86	265.53	264.78	0.30	ppb
Arsenic	75-2	269.37	259.56	260.81	263.25	2.03	ppb
Barium	135-1	1325.10	1342.05	1324.44	1330.53	0.75	ppb
Barium	137-1	1322.97	1315.99	1323.03	1320.66	0.31	ppb
Beryllium	9-1	268.63	259.52	261.54	263.23	1.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	241.36	244.32	262.68	249.46	4.63	ppb
Boron	11-1	248.49	253.77	268.99	257.08	4.14	ppb
Bromine	81-1						cps
Cadmium	111-1	271.06	275.32	268.02	271.46	1.35	ppb
Cadmium	106-1	275.71	267.81	272.24	271.92	1.46	ppb
Cadmium	108-1	274.08	271.17	279.23	274.83	1.49	ppb
Calcium	43-1	26636.43	27076.19	25878.41	26530.34	2.28	ppb
Calcium	44-1	25959.89	26135.69	24767.36	25620.98	2.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.57	250.04	245.17	250.93	2.49	ppb
Cobalt	59-2	260.88	251.05	249.00	253.65	2.50	ppb
Copper	63-2	2732.98	2644.43	2668.50	2681.97	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	13675.60	13359.23	13216.29	13417.04	1.75	ppb
Iron	56-2	13941.12	13609.99	13389.91	13647.01	2.03	ppb
Iron	57-2	13585.93	13346.83	13089.92	13340.89	1.86	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1355.72	1355.08	1294.19	1335.00	2.65	ppb
Lead	207-1	1366.01	1346.49	1286.01	1332.84	3.13	ppb
Lead	208-1	1343.02	1323.49	1292.11	1319.54	1.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	27668.89	27461.35	27329.25	27486.50	0.62	ppb
Manganese	55-2	2701.17	2637.97	2545.45	2628.20	2.98	ppb
Molybdenum	94-1	2688.34	2648.30	2625.46	2654.04	1.20	ppb
Molybdenum	95-1	2733.64	2628.12	2605.63	2655.80	2.57	ppb
Molybdenum	96-1	2714.57	2695.95	2666.78	2692.43	0.89	ppb
Molybdenum	97-1	2704.41	2727.59	2610.74	2680.91	2.31	ppb
Molybdenum	98-1	2677.94	2690.61	2592.91	2653.82	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	271.75	261.03	265.36	266.05	2.03	ppb
Phosphorus	31-2	5389.67	5256.87	5141.12	5262.55	2.36	ppb
Potassium	39-2	12476.79	12627.22	12727.66	12610.55	1.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	276.80	279.52	270.86	275.73	1.61	ppb
Selenium	77-2	267.28	238.19	275.66	260.37	7.55	ppb
Selenium	78-2	271.92	254.77	262.33	263.01	3.27	ppb
Silicon	28-1	229.09	262.38	256.89	249.45	7.15	ppb
Silver	107-1	275.07	284.85	279.85	279.92	1.75	ppb
Silver	109-1	266.67	272.50	275.46	271.54	1.65	ppb
Sodium	23-2	27273.14	26402.05	26713.04	26796.08	1.65	ppb
Strontium	86-1	6722.50	6709.78	6490.64	6640.98	1.96	ppb
Strontium	88-1	6717.41	6734.02	6576.32	6675.92	1.30	ppb
Sulfur	34-1	6247.95	6071.77	5251.71	5857.14	9.08	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	259.86	267.50	261.96	263.11	1.50	ppb
Thallium	205-1	273.17	271.19	258.65	267.67	2.94	ppb
Tin	118-1	263.07	267.14	265.56	265.26	0.77	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2644.54	2694.79	2585.14	2641.49	2.08	ppb
Uranium	238-1	267.02	261.43	251.16	259.87	3.09	ppb
Vanadium	51-2	257.90	253.00	247.77	252.89	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	2726.46	2658.61	2654.95	2680.01	1.50	ppb
Zirconium	90-1	267.30	266.70	266.85	266.95	0.12	ppb
Zirconium	91-1	266.58	266.11	257.89	263.53	1.85	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10365.64	9907.54	9608.21	9960.46	3.83	ppb
Antimony	121-1	528.29	489.22	521.85	513.12	4.08	ppb
Arsenic	75-2	516.14	519.35	493.71	509.73	2.74	ppb
Barium	135-1	2649.42	2437.61	2553.23	2546.75	4.16	ppb
Barium	137-1	2636.54	2463.74	2612.60	2570.96	3.64	ppb
Beryllium	9-1	519.85	493.49	512.27	508.54	2.67	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	474.30	475.91	508.24	486.15	3.94	ppb
Boron	11-1	496.76	488.88	525.42	503.69	3.82	ppb
Bromine	81-1						cps
Cadmium	111-1	525.91	499.57	518.67	514.72	2.64	ppb
Cadmium	106-1	523.64	500.30	544.45	522.80	4.23	ppb
Cadmium	108-1	530.62	500.49	525.24	518.78	3.10	ppb
Calcium	43-1	51359.17	51179.42	57195.02	53244.54	6.43	ppb
Calcium	44-1	48888.69	46536.72	50161.18	48528.86	3.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.77	480.61	473.13	483.50	2.50	ppb
Cobalt	59-2	512.05	497.38	495.84	501.76	1.78	ppb
Copper	63-2	5158.24	5164.35	4916.09	5079.56	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				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	26535.50	26939.79	26856.15	26777.15	0.80	ppb
Iron	56-2	26117.19	25542.74	25733.37	25797.77	1.13	ppb
Iron	57-2	26069.47	25422.09	24986.89	25492.81	2.14	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2533.16	2463.98	2529.93	2509.02	1.56	ppb
Lead	207-1	2505.41	2420.18	2615.63	2513.74	3.90	ppb
Lead	208-1	2491.19	2434.07	2597.78	2507.68	3.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	53989.79	51433.25	48671.25	51364.76	5.18	ppb
Manganese	55-2	5132.72	5077.87	4971.01	5060.54	1.63	ppb
Molybdenum	94-1	5163.26	4920.41	5296.24	5126.63	3.72	ppb
Molybdenum	95-1	5161.05	4898.31	5338.89	5132.75	4.32	ppb
Molybdenum	96-1	5127.65	4866.52	5144.81	5046.33	3.09	ppb
Molybdenum	97-1	5153.94	4783.90	5279.19	5072.34	5.08	ppb
Molybdenum	98-1	5111.59	4802.51	5240.71	5051.60	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.17	507.09	491.50	507.92	3.32	ppb
Phosphorus	31-2	10700.02	10367.85	9938.05	10335.31	3.70	ppb
Potassium	39-2	24263.10	23842.88	23054.73	23720.24	2.59	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	525.78	494.50	542.03	520.77	4.64	ppb
Selenium	77-2	548.28	555.08	514.95	539.43	3.98	ppb
Selenium	78-2	521.25	510.82	491.37	507.81	2.99	ppb
Silicon	28-1	455.51	496.44	588.40	513.45	13.26	ppb
Silver	107-1	529.47	511.44	529.52	523.48	1.99	ppb
Silver	109-1	540.14	496.07	521.98	519.39	4.26	ppb
Sodium	23-2	52156.65	50567.92	48849.55	50524.70	3.27	ppb
Strontium	86-1	13243.77	12139.70	13299.56	12894.35	5.07	ppb
Strontium	88-1	13195.43	12139.35	13236.72	12857.17	4.84	ppb
Sulfur	34-1	12333.13	10947.07	13088.17	12122.79	8.96	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	498.21	480.70	510.28	496.39	3.00	ppb
Thallium	205-1	514.66	486.04	513.43	504.71	3.21	ppb
Tin	118-1	520.70	503.50	537.48	520.56	3.26	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5132.64	4972.57	5467.96	5191.06	4.87	ppb
Uranium	238-1	500.41	483.53	515.70	499.88	3.22	ppb
Vanadium	51-2	505.11	484.01	476.32	488.48	3.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	5360.66	5300.35	5054.13	5238.38	3.10	ppb
Zirconium	90-1	508.83	490.90	522.68	507.47	3.14	ppb
Zirconium	91-1	506.75	486.61	514.75	502.70	2.88	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20156.34	20226.43	19088.24	19823.67	3.22	ppb
Antimony	121-1	987.60	992.81	984.35	988.25	0.43	ppb
Arsenic	75-2	987.71	997.69	985.41	990.27	0.66	ppb
Barium	135-1	4906.65	4923.50	5021.63	4950.59	1.25	ppb
Barium	137-1	4800.15	4939.45	5081.62	4940.41	2.85	ppb
Beryllium	9-1	974.53	981.36	1016.65	990.85	2.28	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	937.74	1011.02	1072.46	1007.07	6.70	ppb
Boron	11-1	934.34	1020.97	1031.67	995.66	5.36	ppb
Bromine	81-1						cps
Cadmium	111-1	986.60	982.02	985.81	984.81	0.25	ppb
Cadmium	106-1	1002.10	966.59	973.40	980.70	1.92	ppb
Cadmium	108-1	977.52	972.88	994.99	981.80	1.19	ppb
Calcium	43-1	98319.62	106279.55	103425.05	102674.74	3.93	ppb
Calcium	44-1	94443.15	96099.70	95549.12	95363.99	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1034.44	1034.63	954.67	1007.91	4.58	ppb
Cobalt	59-2	1022.33	1007.23	964.86	998.14	2.99	ppb
Copper	63-2	10238.95	10209.08	9258.55	9902.19	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	54-2	53754.80	52417.28	50920.18	52364.09	2.71	ppb
Iron	56-2	53511.95	52643.23	51035.03	52396.74	2.40	ppb
Iron	57-2	54550.82	53926.15	53053.26	53843.41	1.40	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4968.90	5100.04	4835.95	4968.30	2.66	ppb
Lead	207-1	5030.37	4985.02	4878.42	4964.60	1.57	ppb
Lead	208-1	5005.94	5012.20	4896.94	4971.69	1.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	103901.72	103911.69	96309.40	101374.27	4.33	ppb
Manganese	55-2	10130.61	10076.81	9573.91	9927.11	3.09	ppb
Molybdenum	94-1	9870.21	9622.75	10146.51	9879.82	2.65	ppb
Molybdenum	95-1	9939.69	9531.74	10156.08	9875.84	3.21	ppb
Molybdenum	96-1	10060.04	9482.01	10186.59	9909.55	3.79	ppb
Molybdenum	97-1	10140.14	9517.95	10041.00	9899.70	3.38	ppb
Molybdenum	98-1	10002.97	9669.46	10087.22	9919.88	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1008.67	1003.51	960.19	990.79	2.69	ppb
Phosphorus	31-2	20130.99	19949.13	19129.60	19736.57	2.70	ppb
Potassium	39-2	47657.82	47338.05	45087.43	46694.44	3.00	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				115		%
Scandium	45-2				105		%
Selenium	82-1	988.38	954.26	999.12	980.58	2.39	ppb
Selenium	77-2	963.89	950.55	1008.30	974.25	3.10	ppb
Selenium	78-2	990.80	990.08	991.81	990.90	0.09	ppb
Silicon	28-1	861.23	1027.37	1086.64	991.75	11.78	ppb
Silver	107-1	990.25	981.91	963.33	978.50	1.41	ppb
Silver	109-1	970.47	973.78	1002.51	982.25	1.79	ppb
Sodium	23-2	100631.74	100840.58	94828.68	98767.00	3.45	ppb
Strontium	86-1	24343.51	24181.21	25428.50	24651.07	2.75	ppb
Strontium	88-1	24643.04	24166.71	25178.27	24662.67	2.05	ppb
Sulfur	34-1	18199.40	19234.64	18485.25	18639.76	2.87	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	995.34	1003.62	995.48	998.15	0.47	ppb
Thallium	205-1	985.90	1008.73	980.79	991.81	1.50	ppb
Tin	118-1	974.38	986.84	990.60	983.94	0.86	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9607.09	9967.42	9971.75	9848.75	2.13	ppb
Uranium	238-1	1003.40	981.18	1003.88	996.15	1.30	ppb
Vanadium	51-2	1040.81	1013.47	960.27	1004.85	4.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	10065.77	10000.43	9397.71	9821.30	3.75	ppb
Zirconium	90-1	982.01	971.64	1017.39	990.35	2.42	ppb
Zirconium	91-1	995.40	993.15	993.61	994.05	0.12	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102753.05	100731.69	96600.76	100028.50	3.13	ppb
Antimony	121-1	0.50	0.46	0.61	0.52	15.31	ppb
Arsenic	75-2	0.30	0.27	0.24	0.27	10.22	ppb
Barium	135-1	3.32	3.11	4.02	3.48	13.58	ppb
Barium	137-1	3.42	3.34	3.95	3.57	9.28	ppb
Beryllium	9-1	0.18	0.17	0.21	0.19	10.55	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	30.30	29.06	35.30	31.55	10.47	ppb
Boron	11-1	30.64	31.05	37.11	32.93	11.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.31	0.56	0.42	30.39	ppb
Cadmium	106-1	1.26	-1.47	1.05	0.28	540.95	ppb
Cadmium	108-1	0.85	0.68	0.39	0.64	36.33	ppb
Calcium	43-1	453260.58	478538.82	565286.27	499028.56	11.77	ppb
Calcium	44-1	452015.34	480774.65	570295.60	501028.53	12.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.94	9.56	9.38	9.63	2.98	ppb
Cobalt	59-2	0.83	0.82	0.78	0.81	3.08	ppb
Copper	63-2	3.19	3.18	3.14	3.17	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	256426.88	249619.55	241826.15	249290.86	2.93	ppb
Iron	56-2	259747.69	242963.79	245386.54	249366.01	3.64	ppb
Iron	57-2	256000.18	250584.02	240802.69	249128.96	3.09	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.39	1.37	1.68	1.48	11.74	ppb
Lead	207-1	1.34	1.32	1.51	1.39	7.31	ppb
Lead	208-1	1.36	1.34	1.60	1.43	10.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	508725.77	495895.41	493661.81	499427.66	1.63	ppb
Manganese	55-2	11.62	11.43	10.99	11.34	2.84	ppb
Molybdenum	94-1	2.88	2.46	3.28	2.87	14.22	ppb
Molybdenum	95-1	2.68	2.40	3.15	2.74	13.85	ppb
Molybdenum	96-1	4.86	4.36	5.39	4.87	10.63	ppb
Molybdenum	97-1	2.77	2.34	3.24	2.78	16.31	ppb
Molybdenum	98-1	2.56	2.31	2.86	2.58	10.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.54	3.32	3.28	3.38	4.09	ppb
Phosphorus	31-2	2.11	5.80	5.56	4.49	45.97	ppb
Potassium	39-2	254056.34	249493.58	248814.83	250788.25	1.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	0.80	1.20	1.57	1.19	32.23	ppb
Selenium	77-2	1.29	1.90	0.00	1.06	91.18	ppb
Selenium	78-2	0.90	1.38	1.38	1.22	22.90	ppb
Silicon	28-1	55.44	96.44	154.54	102.14	48.75	ppb
Silver	107-1	0.46	0.46	0.57	0.50	12.77	ppb
Silver	109-1	0.42	0.48	0.58	0.49	15.86	ppb
Sodium	23-2	518078.20	494277.54	487901.16	500085.64	3.18	ppb
Strontium	86-1	7.29	6.96	8.79	7.68	12.71	ppb
Strontium	88-1	7.28	6.94	8.58	7.60	11.42	ppb
Sulfur	34-1	-1612.70	-1183.66	1079.85	-572.17		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.27	0.22	0.29	0.26	13.20	ppb
Thallium	205-1	0.28	0.26	0.29	0.27	5.86	ppb
Tin	118-1	1.49	1.45	1.81	1.58	12.36	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.25	2.03	2.43	2.24	9.04	ppb
Uranium	238-1	0.10	0.08	0.10	0.09	13.58	ppb
Vanadium	51-2	0.43	0.51	0.41	0.45	11.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	13.96	13.59	13.30	13.62	2.42	ppb
Zirconium	90-1	0.31	0.27	0.31	0.30	7.58	ppb
Zirconium	91-1	0.29	0.22	0.33	0.28	21.37	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.64	482.40	484.48	485.51	0.77	ppb
Antimony	121-1	204.84	213.60	209.62	209.35	2.10	ppb
Arsenic	75-2	211.17	203.92	208.54	207.88	1.77	ppb
Barium	135-1	103.39	104.87	102.81	103.69	1.02	ppb
Barium	137-1	102.96	109.65	106.10	106.24	3.15	ppb
Beryllium	9-1	107.22	103.97	105.01	105.40	1.58	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	10-1	0.98	0.52	0.63	0.71	34.08	ppb
Boron	11-1	0.71	0.67	0.77	0.72	6.75	ppb
Bromine	81-1						cps
Cadmium	111-1	108.04	110.44	108.37	108.95	1.20	ppb
Cadmium	106-1	92.15	95.63	91.98	93.25	2.21	ppb
Cadmium	108-1	89.84	95.58	96.10	93.84	3.70	ppb
Calcium	43-1	1920.76	1968.90	1910.72	1933.46	1.61	ppb
Calcium	44-1	1939.09	1933.89	1932.96	1935.31	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.58	96.67	95.73	96.33	0.54	ppb
Cobalt	59-2	98.93	96.34	95.81	97.03	1.72	ppb
Copper	63-2	98.90	97.72	96.99	97.87	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				118		%
Indium	115-2				119		%
Iron	54-2	2048.28	2053.93	2038.88	2047.03	0.37	ppb
Iron	56-2	2093.78	2011.47	2072.13	2059.13	2.07	ppb
Iron	57-2	2027.85	1904.94	1929.92	1954.24	3.32	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	194.68	197.94	190.81	194.47	1.83	ppb
Lead	207-1	186.97	186.69	182.91	185.52	1.22	ppb
Lead	208-1	197.51	196.96	193.32	195.93	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	1154.63	1120.88	1135.89	1137.13	1.49	ppb
Manganese	55-2	99.80	97.95	98.03	98.59	1.06	ppb
Molybdenum	94-1	0.07	0.04	0.08	0.06	29.39	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	7.94	ppb
Molybdenum	96-1	0.06	0.07	0.05	0.06	16.90	ppb
Molybdenum	97-1	0.04	0.06	0.05	0.05	20.34	ppb
Molybdenum	98-1	0.04	0.03	0.05	0.04	21.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.71	108.98	108.23	109.31	1.16	ppb
Phosphorus	31-2	-6.99	12.62	-22.26	-5.54		ppb
Potassium	39-2	2083.73	2089.34	2039.39	2070.82	1.32	ppb
Rhodium	103-1				120		%
Rhodium	103-2				112		%
Scandium	45-1				119		%
Scandium	45-2				115		%
Selenium	82-1	217.65	219.03	216.64	217.77	0.55	ppb
Selenium	77-2	235.10	211.41	203.91	216.81	7.51	ppb
Selenium	78-2	217.39	213.15	217.95	216.16	1.22	ppb
Silicon	28-1	-4.89	-4.89	-3.56	-4.45		ppb
Silver	107-1	50.99	54.40	53.49	52.96	3.34	ppb
Silver	109-1	50.97	53.72	53.76	52.82	3.03	ppb
Sodium	23-2	1997.43	1964.86	1925.28	1962.52	1.84	ppb
Strontium	86-1	0.25	0.23	0.25	0.24	3.48	ppb
Strontium	88-1	0.26	0.24	0.25	0.25	4.04	ppb
Sulfur	34-1	-1497.51	-1588.78	-1429.46	-1505.25		ppb
Terbium	159-1				113		%
Terbium	159-2				114		%
Thallium	203-1	204.90	204.37	204.83	204.70	0.14	ppb
Thallium	205-1	213.51	214.79	211.83	213.38	0.70	ppb
Tin	118-1	0.22	0.23	0.18	0.21	12.56	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.07	-0.03	0.01	503.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	95.63	94.23	93.94	94.60	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				119		%
Zinc	66-2	197.59	198.44	199.62	198.55	0.51	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	91.95	ppb
Zirconium	91-1	0.04	0.05	0.09	0.06	43.70	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	18.29	17.53	18.02	2.37	ppb
Antimony	121-1	2.03	1.97	2.04	2.01	1.87	ppb
Arsenic	75-2	1.09	1.11	0.97	1.06	7.27	ppb
Barium	135-1	9.47	9.74	9.22	9.47	2.75	ppb
Barium	137-1	9.52	9.75	9.86	9.71	1.81	ppb
Beryllium	9-1	1.10	1.11	1.12	1.11	0.74	ppb
Bismuth	209-1				112		%
Bismuth	209-2				113		%
Boron	10-1	21.77	22.12	23.44	22.44	3.91	ppb
Boron	11-1	22.68	23.29	24.41	23.46	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.89	1.01	0.93	7.83	ppb
Cadmium	106-1	-2.22	-1.14	1.59	-0.59		ppb
Cadmium	108-1	1.06	0.87	1.25	1.06	18.17	ppb
Calcium	43-1	445.76	424.30	429.00	433.02	2.61	ppb
Calcium	44-1	436.69	417.90	421.47	425.35	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.83	1.77	1.81	1.92	ppb
Cobalt	59-2	0.93	0.93	0.90	0.92	1.90	ppb
Copper	63-2	1.91	1.85	1.82	1.86	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				118		%
Iron	54-2	51.75	47.28	46.25	48.43	6.04	ppb
Iron	56-2	49.37	46.57	46.04	47.33	3.77	ppb
Iron	57-2	53.03	48.23	48.34	49.87	5.50	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.81	0.83	0.84	4.60	ppb
Lead	207-1	0.83	0.84	0.90	0.85	4.31	ppb
Lead	208-1	0.88	0.83	0.85	0.86	2.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	475.51	448.00	454.20	459.24	3.14	ppb
Manganese	55-2	0.96	0.98	0.86	0.93	6.76	ppb
Molybdenum	94-1	5.38	5.38	5.28	5.35	1.05	ppb
Molybdenum	95-1	4.47	5.00	4.63	4.70	5.78	ppb
Molybdenum	96-1	4.72	4.81	4.88	4.81	1.75	ppb
Molybdenum	97-1	4.51	4.67	4.64	4.61	1.86	ppb
Molybdenum	98-1	4.49	4.48	4.67	4.54	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.94	0.88	0.91	3.39	ppb
Phosphorus	31-2	-6.28	16.10	0.96	3.59	317.63	ppb
Potassium	39-2	445.57	423.31	435.15	434.68	2.56	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				119		%
Scandium	45-2				114		%
Selenium	82-1	5.24	4.69	4.66	4.86	6.74	ppb
Selenium	77-2	2.45	3.11	5.49	3.68	43.44	ppb
Selenium	78-2	6.03	5.02	5.08	5.38	10.55	ppb
Silicon	28-1	1.38	-2.00	-2.53	-1.05		ppb
Silver	107-1	1.05	1.06	1.06	1.05	0.73	ppb
Silver	109-1	1.09	1.04	1.10	1.08	3.25	ppb
Sodium	23-2	484.72	461.75	460.75	469.07	2.89	ppb
Strontium	86-1	0.93	0.89	0.96	0.93	3.67	ppb
Strontium	88-1	0.91	0.96	0.95	0.94	2.74	ppb
Sulfur	34-1	-1365.48	-1556.49	-1696.03	-1539.33		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.93	0.89	0.88	0.90	3.10	ppb
Thallium	205-1	0.91	0.96	0.94	0.94	2.90	ppb
Tin	118-1	4.98	5.11	4.89	5.00	2.25	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.77	4.67	4.81	4.75	1.50	ppb
Uranium	238-1	0.91	0.89	0.88	0.89	1.77	ppb
Vanadium	51-2	4.70	4.27	4.40	4.46	5.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	1.97	1.80	2.11	1.96	7.87	ppb
Zirconium	90-1	0.91	1.04	0.97	0.97	6.59	ppb
Zirconium	91-1	0.93	1.00	1.02	0.98	4.86	ppb

LB Number : LB124446 Operator : Jaswal
 Lab Sample ID : ICB39 Instrumnet Name : P8
 Client Sample ID : ICB39 Dilution Factor : 1
 Date & Time Acquired : 2023-03-10 12:15:36 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	-0.27	-0.46	-0.36		ppb
Antimony	121-1	0.03	0.04	0.04	0.04	11.02	ppb
Arsenic	75-2	0.03	0.03	0.03	0.03	18.34	ppb
Barium	135-1	-0.02	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	25.21	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	2.60	1.12	0.92	1.54	59.46	ppb
Boron	11-1	2.69	1.32	0.93	1.65	56.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.06	-0.02	-0.02		ppb
Cadmium	106-1	0.27	-2.73	-0.68	-1.05		ppb
Cadmium	108-1	-0.12	-0.01	0.10	-0.01		ppb
Calcium	43-1	1.15	-0.16	-0.40	0.20	422.83	ppb
Calcium	44-1	6.22	0.69	-0.14	2.26	153.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.06	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.05	-0.06	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				119		%
Iron	54-2	-0.39	1.19	0.72	0.51	160.02	ppb
Iron	56-2	0.14	0.36	0.68	0.39	68.69	ppb
Iron	57-2	-0.13	0.10	1.52	0.50	179.74	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:15:36	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	103.30	ppb
Lead	207-1	0.03	0.03	-0.02	0.01	199.20	ppb
Lead	208-1	0.03	0.01	-0.01	0.01	177.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.12	0.33	0.98	0.40	139.68	ppb
Manganese	55-2	0.05	0.04	0.04	0.04	7.20	ppb
Molybdenum	94-1	0.10	0.03	0.02	0.05	86.42	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	43.08	ppb
Molybdenum	96-1	0.03	-0.01	0.02	0.01	144.71	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	35.42	ppb
Molybdenum	98-1	0.02	0.01	-0.01	0.01	201.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.01	200.40	ppb
Phosphorus	31-2	10.43	0.65	-24.36	-4.42		ppb
Potassium	39-2	6.31	3.53	7.20	5.68	33.65	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	0.22	0.37	0.04	0.21	77.25	ppb
Selenium	77-2	0.00	0.61	0.00	0.20	173.21	ppb
Selenium	78-2	1.01	0.38	2.00	1.13	72.09	ppb
Silicon	28-1	2.94	-14.83	-17.47	-9.79		ppb
Silver	107-1	0.05	0.05	0.06	0.05	2.60	ppb
Silver	109-1	0.05	0.05	0.04	0.04	10.55	ppb
Sodium	23-2	14.80	13.54	14.21	14.18	4.47	ppb
Strontium	86-1	0.02	-0.04	-0.07	-0.03		ppb
Strontium	88-1	-0.01	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	867.82	-1506.63	-1783.63	-807.48		ppb
Terbium	159-1				110		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.00	0.02	0.01	70.80	ppb
Thallium	205-1	0.04	0.02	0.01	0.03	57.95	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:15:36	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.06	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	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				113		%
Yttrium	89-2				116		%
Zinc	66-2	0.15	0.15	0.22	0.17	22.51	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.01	0.01	243.51	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90933.66	87250.56	86108.53	88097.58	2.86	ppb
Antimony	121-1	1.18	1.17	1.13	1.16	2.22	ppb
Arsenic	75-2	0.28	0.34	0.36	0.33	12.14	ppb
Barium	135-1	1.49	1.54	1.44	1.49	3.14	ppb
Barium	137-1	1.60	1.66	1.63	1.63	1.71	ppb
Beryllium	9-1	0.28	0.30	0.29	0.29	3.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	1.35	1.40	1.19	1.31	8.46	ppb
Boron	11-1	1.52	1.45	1.52	1.50	2.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.53	0.72	0.54	0.60	17.72	ppb
Cadmium	106-1	-1.74	-1.07	-3.05	-1.95		ppb
Cadmium	108-1	15.37	13.81	12.83	14.00	9.13	ppb
Calcium	43-1	85598.44	88462.61	84979.27	86346.77	2.15	ppb
Calcium	44-1	85878.04	87526.43	83834.68	85746.38	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.19	17.71	17.86	17.92	1.37	ppb
Cobalt	59-2	1.11	1.05	1.08	1.08	2.79	ppb
Copper	63-2	7.30	6.85	6.80	6.98	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				115		%
Indium	115-1				117		%
Indium	115-2				116		%
Iron	54-2	95267.20	88569.74	91720.94	91852.63	3.65	ppb
Iron	56-2	96870.13	93248.18	90829.92	93649.41	3.25	ppb
Iron	57-2	98118.45	91829.62	94906.64	94951.57	3.31	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.08	4.15	4.22	4.15	1.72	ppb
Lead	207-1	3.63	3.72	3.99	3.78	5.00	ppb
Lead	208-1	3.86	4.02	4.04	3.97	2.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	89683.92	85531.94	85952.42	87056.10	2.63	ppb
Manganese	55-2	7.31	7.20	7.03	7.18	1.94	ppb
Molybdenum	94-1	1502.39	1521.81	1490.57	1504.93	1.05	ppb
Molybdenum	95-1	1769.56	1801.21	1770.01	1780.26	1.02	ppb
Molybdenum	96-1	1843.51	1836.67	1762.57	1814.25	2.47	ppb
Molybdenum	97-1	1815.79	1877.26	1788.97	1827.34	2.48	ppb
Molybdenum	98-1	1791.54	1789.90	1781.29	1787.58	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.00	4.93	5.05	2.85	ppb
Phosphorus	31-2	94928.33	91904.70	91506.60	92779.87	2.02	ppb
Potassium	39-2	89502.60	85777.40	86071.85	87117.28	2.38	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				119		%
Scandium	45-2				114		%
Selenium	82-1	0.24	0.51	0.36	0.37	35.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.69	0.57	0.74	0.67	13.11	ppb
Silicon	28-1	12.67	10.21	9.74	10.87	14.48	ppb
Silver	107-1	0.07	0.05	0.03	0.05	34.24	ppb
Silver	109-1	0.04	0.05	0.05	0.05	12.72	ppb
Sodium	23-2	95790.70	89033.88	89308.18	91377.59	4.19	ppb
Strontium	86-1	32.77	32.56	31.54	32.29	2.05	ppb
Strontium	88-1	33.55	32.64	32.32	32.83	1.94	ppb
Sulfur	34-1	97214.33	102360.46	95311.81	98295.53	3.71	ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.07	0.10	0.07	0.08	25.10	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	7.51	ppb
Tin	118-1	0.17	0.16	0.13	0.15	13.08	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1956.63	2026.20	1946.97	1976.60	2.19	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.15	ppb
Vanadium	51-2	0.15	0.15	0.13	0.14	5.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	10.84	10.07	10.62	10.51	3.80	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	30.01	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94645.50	90051.02	87433.30	90709.94	4.02	ppb
Antimony	121-1	21.74	22.30	21.06	21.70	2.86	ppb
Arsenic	75-2	22.07	19.28	20.72	20.69	6.75	ppb
Barium	135-1	22.33	22.76	22.32	22.47	1.12	ppb
Barium	137-1	22.53	22.45	21.95	22.31	1.41	ppb
Beryllium	9-1	20.57	21.33	20.45	20.78	2.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	1.24	1.15	1.13	1.17	4.85	ppb
Boron	11-1	1.33	1.28	1.10	1.24	9.71	ppb
Bromine	81-1						cps
Cadmium	111-1	20.28	20.25	19.52	20.02	2.15	ppb
Cadmium	106-1	17.67	14.00	14.55	15.41	12.86	ppb
Cadmium	108-1	31.26	31.29	30.13	30.89	2.15	ppb
Calcium	43-1	92446.06	93997.82	91155.70	92533.19	1.54	ppb
Calcium	44-1	88940.11	91485.80	89500.73	89975.55	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.09	36.81	35.28	36.73	3.82	ppb
Cobalt	59-2	20.00	19.47	18.35	19.27	4.35	ppb
Copper	63-2	25.82	25.64	24.04	25.17	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				116		%
Indium	115-1				119		%
Indium	115-2				120		%
Iron	54-2	97750.02	95952.96	91147.33	94950.10	3.60	ppb
Iron	56-2	99983.21	94861.35	93586.89	96143.82	3.52	ppb
Iron	57-2	97731.02	96937.31	93718.99	96129.11	2.21	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.01	25.66	25.69	25.12	3.81	ppb
Lead	207-1	23.44	24.06	23.71	23.74	1.31	ppb
Lead	208-1	23.78	24.73	24.51	24.34	2.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	94032.64	89463.10	87298.24	90264.66	3.81	ppb
Manganese	55-2	27.23	26.20	25.73	26.38	2.91	ppb
Molybdenum	94-1	1519.50	1548.08	1496.12	1521.23	1.71	ppb
Molybdenum	95-1	1822.23	1927.81	1840.64	1863.56	3.03	ppb
Molybdenum	96-1	1800.32	1860.55	1777.76	1812.88	2.36	ppb
Molybdenum	97-1	1765.30	1851.82	1811.67	1809.60	2.39	ppb
Molybdenum	98-1	1697.53	1829.46	1786.61	1771.20	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.51	24.09	22.91	23.84	3.48	ppb
Phosphorus	31-2	99328.96	95717.28	91976.89	95674.38	3.84	ppb
Potassium	39-2	91488.63	89596.48	86348.79	89144.63	2.92	ppb
Rhodium	103-1				115		%
Rhodium	103-2				109		%
Scandium	45-1				121		%
Scandium	45-2				116		%
Selenium	82-1	19.14	21.41	20.65	20.40	5.65	ppb
Selenium	77-2	23.72	18.95	23.25	21.97	11.98	ppb
Selenium	78-2	21.34	18.64	19.42	19.80	7.03	ppb
Silicon	28-1	14.48	9.01	7.70	10.40	34.58	ppb
Silver	107-1	19.76	20.51	19.05	19.77	3.69	ppb
Silver	109-1	19.38	19.97	19.63	19.66	1.50	ppb
Sodium	23-2	94834.34	93106.54	88337.60	92092.83	3.65	ppb
Strontium	86-1	33.20	35.46	34.03	34.23	3.34	ppb
Strontium	88-1	33.61	35.11	34.20	34.31	2.20	ppb
Sulfur	34-1	105292.83	104359.44	98624.61	102758.96	3.51	ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	20.47	21.53	20.61	20.87	2.77	ppb
Thallium	205-1	20.37	22.11	20.72	21.06	4.36	ppb
Tin	118-1	0.24	0.25	0.18	0.22	18.05	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2080.35	2059.34	2031.76	2057.15	1.18	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	7.94	ppb
Vanadium	51-2	19.64	19.58	18.37	19.20	3.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				118		%
Zinc	66-2	29.61	28.37	27.57	28.52	3.60	ppb
Zirconium	90-1	0.04	0.02	0.00	0.02	82.62	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	26.20	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48807.77	52710.87	49709.15	50409.26	4.05	ppb
Antimony	121-1	503.77	527.31	506.48	512.52	2.51	ppb
Arsenic	75-2	482.40	524.35	505.31	504.02	4.17	ppb
Barium	135-1	2530.00	2559.56	2537.68	2542.42	0.60	ppb
Barium	137-1	2563.53	2628.24	2602.39	2598.05	1.25	ppb
Beryllium	9-1	541.41	540.70	522.45	534.85	2.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	492.25	530.32	532.94	518.50	4.39	ppb
Boron	11-1	513.62	563.33	560.06	545.67	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	485.43	497.45	495.53	492.80	1.31	ppb
Cadmium	106-1	508.27	521.21	508.37	512.62	1.45	ppb
Cadmium	108-1	496.59	506.67	495.39	499.55	1.24	ppb
Calcium	43-1	235473.59	234355.52	231384.18	233737.76	0.90	ppb
Calcium	44-1	224464.36	230541.78	227231.70	227412.61	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	459.51	505.55	468.43	477.83	5.11	ppb
Cobalt	59-2	457.75	534.52	470.92	487.73	8.42	ppb
Copper	63-2	4762.66	5395.51	4984.08	5047.42	6.36	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				114		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				117		%
Iron	54-2	117627.85	130795.68	119366.07	122596.53	5.84	ppb
Iron	56-2	121817.29	132375.31	122584.19	125592.27	4.69	ppb
Iron	57-2	120258.90	131361.20	120578.13	124066.08	5.09	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2518.43	2645.05	2614.57	2592.68	2.55	ppb
Lead	207-1	2542.91	2700.09	2619.46	2620.82	3.00	ppb
Lead	208-1	2545.55	2654.09	2589.86	2596.50	2.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	236128.21	261024.85	242682.87	246611.98	5.23	ppb
Manganese	55-2	4808.97	5226.61	4989.61	5008.39	4.18	ppb
Molybdenum	94-1	4862.99	5259.93	5198.13	5107.02	4.18	ppb
Molybdenum	95-1	4924.75	5235.17	5084.36	5081.43	3.05	ppb
Molybdenum	96-1	5069.68	5081.17	5285.58	5145.48	2.36	ppb
Molybdenum	97-1	5053.21	4999.58	5317.15	5123.31	3.32	ppb
Molybdenum	98-1	4887.52	5087.96	5183.88	5053.12	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.83	509.16	470.44	478.14	5.85	ppb
Phosphorus	31-2	9945.00	10885.84	10157.62	10329.49	4.78	ppb
Potassium	39-2	114206.80	129693.58	117660.46	120520.28	6.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	82-1	478.43	489.91	501.56	489.97	2.36	ppb
Selenium	77-2	492.07	528.13	508.90	509.70	3.54	ppb
Selenium	78-2	476.78	521.53	507.24	501.85	4.55	ppb
Silicon	28-1	391.81	431.33	450.33	424.49	7.03	ppb
Silver	107-1	504.61	518.51	492.81	505.31	2.55	ppb
Silver	109-1	505.13	515.22	505.54	508.63	1.12	ppb
Sodium	23-2	234900.39	257512.12	241048.24	244486.92	4.78	ppb
Strontium	86-1	12447.78	12806.54	13196.07	12816.80	2.92	ppb
Strontium	88-1	12419.65	12892.41	12925.03	12745.70	2.22	ppb
Sulfur	34-1	11890.04	12209.20	11785.36	11961.54	1.85	ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	510.73	525.87	522.07	519.56	1.52	ppb
Thallium	205-1	512.20	523.05	523.97	519.74	1.26	ppb
Tin	118-1	513.53	540.48	525.30	526.44	2.57	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4871.16	5208.81	5119.17	5066.38	3.45	ppb
Uranium	238-1	514.08	527.07	507.54	516.23	1.93	ppb
Vanadium	51-2	475.95	527.43	487.76	497.05	5.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	4847.30	5222.92	4904.88	4991.70	4.05	ppb
Zirconium	90-1	496.59	519.79	521.46	512.61	2.71	ppb
Zirconium	91-1	494.47	508.28	531.93	511.56	3.70	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	0.44	0.06	0.46	88.82	ppb
Antimony	121-1	0.10	0.12	0.18	0.13	30.71	ppb
Arsenic	75-2	0.04	0.03	0.01	0.03	62.01	ppb
Barium	135-1	0.15	0.03	0.17	0.12	66.79	ppb
Barium	137-1	0.12	0.04	0.20	0.12	64.15	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	8.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	19.56	18.63	17.26	18.48	6.25	ppb
Boron	11-1	20.60	19.25	18.52	19.45	5.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.03	0.01	-0.02		ppb
Cadmium	106-1	-4.38	-2.93	-1.24	-2.85		ppb
Cadmium	108-1	0.08	-0.13	0.01	-0.01		ppb
Calcium	43-1	10.30	3.75	16.26	10.10	61.94	ppb
Calcium	44-1	14.51	7.63	20.49	14.21	45.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.37	0.35	0.32	0.35	6.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				118		%
Indium	115-2				123		%
Iron	54-2	3.94	2.80	2.55	3.10	24.06	ppb
Iron	56-2	3.34	2.45	1.74	2.51	31.85	ppb
Iron	57-2	2.87	1.59	1.38	1.95	41.30	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.24	0.14	55.36	ppb
Lead	207-1	0.15	0.08	0.20	0.14	43.56	ppb
Lead	208-1	0.13	0.08	0.22	0.14	51.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.06	4.03	3.42	4.84	40.27	ppb
Manganese	55-2	0.15	0.10	0.08	0.11	32.29	ppb
Molybdenum	94-1	0.44	0.31	0.55	0.43	27.32	ppb
Molybdenum	95-1	0.46	0.26	0.53	0.41	34.32	ppb
Molybdenum	96-1	0.47	0.30	0.49	0.42	24.97	ppb
Molybdenum	97-1	0.47	0.30	0.47	0.41	23.52	ppb
Molybdenum	98-1	0.41	0.28	0.50	0.40	28.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	62.50	ppb
Phosphorus	31-2	-3.64	-13.10	-7.17	-7.97		ppb
Potassium	39-2	37.18	34.40	27.28	32.96	15.49	ppb
Rhodium	103-1				118		%
Rhodium	103-2				114		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	0.05	0.09	-0.10	0.01	745.61	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	1.73	1.49	1.39	28.76	ppb
Silicon	28-1	-1.58	-2.40	-2.62	-2.20		ppb
Silver	107-1	0.05	0.06	0.04	0.05	12.70	ppb
Silver	109-1	0.07	0.06	0.04	0.06	23.80	ppb
Sodium	23-2	55.90	50.16	47.83	51.30	8.10	ppb
Strontium	86-1	0.52	0.29	0.96	0.59	57.64	ppb
Strontium	88-1	0.59	0.22	0.90	0.57	60.09	ppb
Sulfur	34-1	-1663.93	-1893.12	-1911.01	-1822.69		ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.09	0.11	0.13	0.11	16.55	ppb
Thallium	205-1	0.09	0.09	0.10	0.10	8.88	ppb
Tin	118-1	0.00	0.00	0.03	0.01	158.82	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.05	0.41	0.25	72.45	ppb
Uranium	238-1	0.02	0.01	0.04	0.02	73.62	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	196.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				118		%
Zinc	66-2	0.13	-0.01	0.17	0.10	99.04	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	66.28	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	81.09	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.02	17.88	18.41	18.11	1.53	ppb
Antimony	121-1	2.02	2.03	2.00	2.01	0.64	ppb
Arsenic	75-2	1.15	1.02	1.10	1.09	5.87	ppb
Barium	135-1	9.17	9.40	9.08	9.22	1.80	ppb
Barium	137-1	9.76	9.72	10.01	9.83	1.63	ppb
Beryllium	9-1	1.14	1.13	1.03	1.10	5.44	ppb
Bismuth	209-1				111		%
Bismuth	209-2				112		%
Boron	10-1	31.28	33.89	32.73	32.63	4.01	ppb
Boron	11-1	33.10	36.18	34.33	34.54	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	0.98	1.10	1.02	6.54	ppb
Cadmium	106-1	-0.87	-0.25	-0.04	-0.39		ppb
Cadmium	108-1	1.09	1.29	1.16	1.18	8.53	ppb
Calcium	43-1	436.14	435.64	438.30	436.69	0.32	ppb
Calcium	44-1	434.36	435.87	425.94	432.06	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.68	1.68	1.69	0.65	ppb
Cobalt	59-2	0.89	0.86	0.94	0.90	4.58	ppb
Copper	63-2	2.06	2.07	2.05	2.06	0.36	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				113		%
Holmium	165-2				116		%
Indium	115-1				120		%
Indium	115-2				124		%
Iron	54-2	50.83	46.91	51.77	49.84	5.17	ppb
Iron	56-2	47.91	46.67	48.01	47.53	1.57	ppb
Iron	57-2	50.78	49.71	50.39	50.29	1.08	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.92	0.87	0.92	5.38	ppb
Lead	207-1	0.94	0.85	0.85	0.88	5.69	ppb
Lead	208-1	0.93	0.91	0.88	0.91	3.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	459.51	446.87	458.24	454.87	1.53	ppb
Manganese	55-2	0.98	0.96	1.00	0.98	1.93	ppb
Molybdenum	94-1	5.45	5.33	5.65	5.47	2.92	ppb
Molybdenum	95-1	4.54	4.66	4.60	4.60	1.26	ppb
Molybdenum	96-1	4.99	4.80	4.59	4.79	4.23	ppb
Molybdenum	97-1	4.71	4.78	4.80	4.76	1.04	ppb
Molybdenum	98-1	4.77	4.57	4.66	4.67	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.95	0.77	0.87	11.01	ppb
Phosphorus	31-2	14.03	22.33	11.36	15.91	35.98	ppb
Potassium	39-2	456.47	448.61	446.88	450.65	1.13	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	82-1	5.62	4.58	5.21	5.14	10.16	ppb
Selenium	77-2	4.08	2.43	4.21	3.57	27.82	ppb
Selenium	78-2	6.72	7.07	6.57	6.79	3.81	ppb
Silicon	28-1	6.91	6.64	4.68	6.08	20.09	ppb
Silver	107-1	1.16	1.02	1.12	1.10	6.49	ppb
Silver	109-1	1.12	1.11	1.13	1.12	0.97	ppb
Sodium	23-2	477.34	469.82	482.55	476.57	1.34	ppb
Strontium	86-1	1.26	1.08	0.96	1.10	13.46	ppb
Strontium	88-1	1.21	1.09	1.02	1.11	8.66	ppb
Sulfur	34-1	-1493.65	-1801.51	-1773.21	-1689.46		ppb
Terbium	159-1				115		%
Terbium	159-2				116		%
Thallium	203-1	0.98	0.93	0.88	0.93	5.41	ppb
Thallium	205-1	0.97	0.91	0.97	0.95	3.80	ppb
Tin	118-1	5.16	4.92	5.08	5.05	2.45	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.79	4.52	4.94	4.75	4.52	ppb
Uranium	238-1	0.88	0.87	0.87	0.87	0.92	ppb
Vanadium	51-2	4.38	4.33	4.29	4.34	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				120		%
Zinc	66-2	2.08	2.26	1.93	2.09	7.79	ppb
Zirconium	90-1	0.94	0.96	0.93	0.94	1.90	ppb
Zirconium	91-1	0.88	0.99	0.96	0.94	5.95	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107935.07	104658.92	102855.86	105149.95	2.45	ppb
Antimony	121-1	23.05	22.33	22.60	22.66	1.60	ppb
Arsenic	75-2	157.99	157.15	153.30	156.15	1.60	ppb
Barium	135-1	815.78	815.30	799.47	810.18	1.15	ppb
Barium	137-1	832.14	828.34	841.45	833.97	0.81	ppb
Beryllium	9-1	2.73	2.62	2.46	2.60	5.18	ppb
Bismuth	209-1				156		%
Bismuth	209-2				138		%
Boron	10-1	24.14	24.27	23.57	24.00	1.55	ppb
Boron	11-1	25.59	26.62	26.45	26.22	2.10	ppb
Bromine	81-1						cps
Cadmium	111-1	7.82	7.55	7.43	7.60	2.61	ppb
Cadmium	106-1	18.76	16.90	14.60	16.75	12.43	ppb
Cadmium	108-1	12.99	12.27	11.85	12.37	4.68	ppb
Calcium	43-1	35752.58	34550.21	34139.62	34814.14	2.41	ppb
Calcium	44-1	34851.40	33602.87	32690.52	33714.93	3.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	762.03	736.58	774.67	757.76	2.56	ppb
Cobalt	59-2	216.77	214.03	212.45	214.42	1.02	ppb
Copper	63-2	1459.52	1436.94	1428.91	1441.79	1.10	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				133		%
Holmium	165-2				124		%
Indium	115-1				150		%
Indium	115-2				140		%
Iron	54-2	396199.61	383854.38	383983.86	388012.62	1.83	ppb
Iron	56-2	399200.38	388619.54	397999.26	395273.06	1.47	ppb
Iron	57-2	405344.84	395788.51	393612.63	398248.66	1.57	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	284.98	278.45	277.72	280.38	1.43	ppb
Lead	207-1	274.64	261.73	266.72	267.70	2.43	ppb
Lead	208-1	280.48	270.79	275.07	275.45	1.76	ppb
Lithium	6-1				123		%
Magnesium	24-2	31490.17	30630.26	30633.70	30918.05	1.60	ppb
Manganese	55-2	5401.72	5324.49	5395.97	5374.06	0.80	ppb
Molybdenum	94-1	58.68	55.74	56.35	56.93	2.72	ppb
Molybdenum	95-1	35.37	34.79	34.61	34.92	1.13	ppb
Molybdenum	96-1	41.71	40.51	41.62	41.28	1.63	ppb
Molybdenum	97-1	34.59	34.62	34.87	34.69	0.44	ppb
Molybdenum	98-1	35.00	34.75	34.45	34.73	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2468.73	2394.97	2427.26	2430.32	1.52	ppb
Phosphorus	31-2	6090.09	6055.01	6086.37	6077.16	0.32	ppb
Potassium	39-2	2268.95	2125.34	2181.35	2191.88	3.30	ppb
Rhodium	103-1				136		%
Rhodium	103-2				123		%
Scandium	45-1				171		%
Scandium	45-2				152		%
Selenium	82-1	5.89	5.04	4.82	5.25	10.80	ppb
Selenium	77-2	42.52	34.42	38.49	38.48	10.53	ppb
Selenium	78-2	15.71	15.62	16.26	15.86	2.20	ppb
Silicon	28-1	2839.82	2695.83	2650.22	2728.62	3.63	ppb
Silver	107-1	5.23	6.32	6.16	5.90	9.91	ppb
Silver	109-1	5.04	5.98	6.32	5.78	11.40	ppb
Sodium	23-2	1189.90	1124.71	1150.00	1154.87	2.85	ppb
Strontium	86-1	161.63	159.76	161.51	160.97	0.65	ppb
Strontium	88-1	167.01	164.66	160.43	164.03	2.03	ppb
Sulfur	34-1	2115.93	1679.50	1580.67	1792.04	15.89	ppb
Terbium	159-1				135		%
Terbium	159-2				125		%
Thallium	203-1	1.21	1.23	1.31	1.25	4.16	ppb
Thallium	205-1	1.18	1.28	1.31	1.26	5.32	ppb
Tin	118-1	36.76	36.48	37.56	36.93	1.52	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3509.13	3372.57	3308.43	3396.71	3.02	ppb
Uranium	238-1	5.15	4.83	4.96	4.98	3.20	ppb
Vanadium	51-2	3038.95	2994.12	3009.79	3014.29	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				161		%
Yttrium	89-2				143		%
Zinc	66-2	6867.35	6991.18	7120.74	6993.09	1.81	ppb
Zirconium	90-1	16.28	15.98	15.70	15.98	1.82	ppb
Zirconium	91-1	16.01	16.46	16.12	16.20	1.46	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23610.07	24608.51	24028.06	24082.21	2.08	ppb
Antimony	121-1	4.81	4.66	4.57	4.68	2.60	ppb
Arsenic	75-2	31.28	31.51	30.11	30.97	2.43	ppb
Barium	135-1	163.13	156.11	158.79	159.34	2.23	ppb
Barium	137-1	165.74	167.64	163.52	165.63	1.24	ppb
Beryllium	9-1	0.57	0.55	0.54	0.55	2.86	ppb
Bismuth	209-1				119		%
Bismuth	209-2				114		%
Boron	10-1	11.14	11.02	10.09	10.75	5.37	ppb
Boron	11-1	12.37	12.33	11.50	12.07	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.59	1.61	1.66	1.62	2.22	ppb
Cadmium	106-1	0.89	3.13	3.46	2.49	56.14	ppb
Cadmium	108-1	2.62	2.36	2.65	2.54	6.35	ppb
Calcium	43-1	7630.95	7555.20	7527.28	7571.14	0.71	ppb
Calcium	44-1	7494.54	7668.36	7601.62	7588.18	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.97	159.60	156.08	157.55	1.16	ppb
Cobalt	59-2	48.26	48.87	48.54	48.56	0.63	ppb
Copper	63-2	317.97	330.90	318.94	322.60	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				119		%
Indium	115-1				131		%
Indium	115-2				122		%
Iron	54-2	88997.71	93510.55	88508.53	90338.93	3.05	ppb
Iron	56-2	86354.40	91440.15	90580.12	89458.23	3.04	ppb
Iron	57-2	88814.51	91094.62	89668.05	89859.06	1.28	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	63.51	67.79	61.77	64.36	4.82	ppb
Lead	207-1	61.62	63.50	59.57	61.56	3.19	ppb
Lead	208-1	62.70	65.18	60.85	62.91	3.45	ppb
Lithium	6-1				109		%
Magnesium	24-2	6778.84	7167.12	6929.08	6958.35	2.81	ppb
Manganese	55-2	1247.73	1253.77	1240.09	1247.20	0.55	ppb
Molybdenum	94-1	12.13	13.19	11.38	12.24	7.42	ppb
Molybdenum	95-1	7.61	7.74	7.00	7.45	5.27	ppb
Molybdenum	96-1	8.96	9.00	8.25	8.74	4.85	ppb
Molybdenum	97-1	7.56	7.80	7.10	7.48	4.75	ppb
Molybdenum	98-1	7.52	7.60	7.00	7.37	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.44	541.57	516.85	526.29	2.54	ppb
Phosphorus	31-2	1280.62	1302.54	1285.80	1289.65	0.89	ppb
Potassium	39-2	500.21	514.50	500.98	505.23	1.59	ppb
Rhodium	103-1				131		%
Rhodium	103-2				116		%
Scandium	45-1				136		%
Scandium	45-2				124		%
Selenium	82-1	1.49	1.75	1.76	1.67	9.28	ppb
Selenium	77-2	8.45	6.99	5.68	7.04	19.62	ppb
Selenium	78-2	4.38	4.99	4.00	4.46	11.23	ppb
Silicon	28-1	606.80	544.87	532.19	561.29	7.11	ppb
Silver	107-1	0.58	0.63	0.58	0.60	5.36	ppb
Silver	109-1	0.59	0.58	0.57	0.58	2.09	ppb
Sodium	23-2	321.32	332.31	325.78	326.47	1.69	ppb
Strontium	86-1	34.03	35.52	33.47	34.34	3.08	ppb
Strontium	88-1	34.27	35.85	32.58	34.23	4.79	ppb
Sulfur	34-1	-1848.39	-2158.33	-1972.28	-1993.00		ppb
Terbium	159-1				123		%
Terbium	159-2				117		%
Thallium	203-1	0.24	0.27	0.25	0.25	6.49	ppb
Thallium	205-1	0.25	0.25	0.23	0.24	4.19	ppb
Tin	118-1	7.50	7.09	7.00	7.20	3.68	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	788.37	779.43	787.99	785.26	0.64	ppb
Uranium	238-1	1.18	1.20	1.19	1.19	0.92	ppb
Vanadium	51-2	675.25	693.47	674.94	681.22	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				138		%
Yttrium	89-2				126		%
Zinc	66-2	1495.65	1528.78	1501.51	1508.65	1.17	ppb
Zirconium	90-1	3.40	3.44	3.20	3.35	3.72	ppb
Zirconium	91-1	3.33	3.52	3.20	3.35	4.73	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111673.56	105061.59	105175.22	107303.45	3.53	ppb
Antimony	121-1	20.27	19.97	20.24	20.16	0.83	ppb
Arsenic	75-2	156.11	148.62	157.12	153.95	3.02	ppb
Barium	135-1	872.26	807.41	853.17	844.28	3.95	ppb
Barium	137-1	866.93	810.33	863.05	846.77	3.73	ppb
Beryllium	9-1	2.47	2.39	2.37	2.41	2.35	ppb
Bismuth	209-1				146		%
Bismuth	209-2				122		%
Boron	10-1	18.66	19.58	19.86	19.37	3.26	ppb
Boron	11-1	20.79	21.29	22.40	21.49	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	7.07	7.10	7.03	7.07	0.47	ppb
Cadmium	106-1	15.49	13.02	14.28	14.26	8.63	ppb
Cadmium	108-1	13.42	12.03	13.64	13.03	6.68	ppb
Calcium	43-1	36389.22	35376.31	35772.29	35845.94	1.42	ppb
Calcium	44-1	34968.38	33844.71	36489.70	35100.93	3.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	792.43	746.49	744.80	761.24	3.55	ppb
Cobalt	59-2	228.74	213.13	220.22	220.70	3.54	ppb
Copper	63-2	1522.68	1490.59	1486.39	1499.88	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				135		%
Holmium	165-2				119		%
Indium	115-1				149		%
Indium	115-2				126		%
Iron	54-2	411682.03	390684.04	397544.11	399970.06	2.68	ppb
Iron	56-2	411219.13	395838.75	400543.60	402533.83	1.96	ppb
Iron	57-2	415369.46	396172.85	406728.46	406090.26	2.37	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	304.92	303.74	299.97	302.88	0.85	ppb
Lead	207-1	297.03	290.26	283.91	290.40	2.26	ppb
Lead	208-1	300.74	295.71	292.00	296.15	1.48	ppb
Lithium	6-1				125		%
Magnesium	24-2	31393.46	30645.64	30619.23	30886.11	1.42	ppb
Manganese	55-2	5639.27	5349.62	5418.31	5469.07	2.77	ppb
Molybdenum	94-1	56.03	56.45	55.84	56.11	0.55	ppb
Molybdenum	95-1	32.93	32.36	31.93	32.41	1.55	ppb
Molybdenum	96-1	38.65	39.56	38.32	38.84	1.64	ppb
Molybdenum	97-1	33.41	32.52	33.20	33.04	1.41	ppb
Molybdenum	98-1	33.14	32.23	31.87	32.41	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2637.11	2558.11	2482.60	2559.27	3.02	ppb
Phosphorus	31-2	6564.95	6426.41	6462.59	6484.65	1.11	ppb
Potassium	39-2	2310.13	2185.00	2191.52	2228.88	3.16	ppb
Rhodium	103-1				136		%
Rhodium	103-2				115		%
Scandium	45-1				167		%
Scandium	45-2				138		%
Selenium	82-1	6.43	6.42	5.90	6.25	4.85	ppb
Selenium	77-2	31.31	41.05	47.51	39.95	20.41	ppb
Selenium	78-2	16.22	15.74	16.28	16.08	1.85	ppb
Silicon	28-1	4058.84	3971.43	4168.38	4066.22	2.43	ppb
Silver	107-1	4.09	3.97	2.89	3.65	18.17	ppb
Silver	109-1	3.98	3.90	2.98	3.62	15.42	ppb
Sodium	23-2	1131.98	1094.16	1112.69	1112.94	1.70	ppb
Strontium	86-1	165.79	161.12	160.58	162.50	1.76	ppb
Strontium	88-1	165.91	159.91	159.59	161.81	2.20	ppb
Sulfur	34-1	1167.52	633.21	1390.28	1063.67	36.58	ppb
Terbium	159-1				137		%
Terbium	159-2				119		%
Thallium	203-1	0.62	0.68	0.64	0.65	5.01	ppb
Thallium	205-1	0.68	0.71	0.68	0.69	2.59	ppb
Tin	118-1	35.74	35.50	36.87	36.04	2.04	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3413.43	3260.65	3477.55	3383.88	3.29	ppb
Uranium	238-1	5.45	5.39	5.28	5.37	1.61	ppb
Vanadium	51-2	3153.21	3003.52	2996.44	3051.06	2.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				162		%
Yttrium	89-2				134		%
Zinc	66-2	7324.51	7360.73	7122.88	7269.37	1.76	ppb
Zirconium	90-1	17.16	16.85	16.73	16.91	1.31	ppb
Zirconium	91-1	17.54	17.18	16.99	17.24	1.62	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:04:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24883.18	24016.12	23109.92	24003.07	3.69	ppb
Antimony	121-1	4.04	3.93	4.17	4.04	2.98	ppb
Arsenic	75-2	29.76	29.65	27.90	29.10	3.57	ppb
Barium	135-1	156.12	156.75	163.04	158.64	2.41	ppb
Barium	137-1	164.48	157.85	168.00	163.44	3.15	ppb
Beryllium	9-1	0.50	0.53	0.50	0.51	2.76	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Boron	10-1	8.30	8.44	7.99	8.24	2.74	ppb
Boron	11-1	9.41	9.43	9.09	9.31	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	1.44	1.48	1.56	1.50	3.79	ppb
Cadmium	106-1	-0.34	2.95	1.47	1.36	120.95	ppb
Cadmium	108-1	2.16	2.71	2.12	2.33	14.07	ppb
Calcium	43-1	7729.63	7784.58	7482.03	7665.41	2.10	ppb
Calcium	44-1	7653.52	7688.87	7549.71	7630.70	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.46	155.95	146.19	152.87	3.78	ppb
Cobalt	59-2	48.27	48.70	45.49	47.49	3.67	ppb
Copper	63-2	325.30	332.48	301.93	319.91	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				123		%
Indium	115-2				113		%
Iron	54-2	87784.17	88418.40	80717.47	85640.02	4.99	ppb
Iron	56-2	87827.26	89475.95	83133.45	86812.22	3.79	ppb
Iron	57-2	88855.23	89081.39	85720.79	87885.80	2.14	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:04:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	60.93	62.39	62.24	61.85	1.30	ppb
Lead	207-1	58.57	59.57	59.55	59.23	0.97	ppb
Lead	208-1	59.57	60.49	60.61	60.22	0.95	ppb
Lithium	6-1				106		%
Magnesium	24-2	6987.35	7036.48	6642.46	6888.76	3.12	ppb
Manganese	55-2	1200.16	1212.53	1126.34	1179.68	3.95	ppb
Molybdenum	94-1	11.94	11.87	12.55	12.12	3.06	ppb
Molybdenum	95-1	6.80	7.22	7.10	7.04	3.06	ppb
Molybdenum	96-1	8.28	8.39	8.13	8.27	1.56	ppb
Molybdenum	97-1	7.08	6.95	7.09	7.04	1.12	ppb
Molybdenum	98-1	6.96	6.93	6.94	6.94	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.85	534.78	493.98	516.54	4.02	ppb
Phosphorus	31-2	1398.41	1340.83	1210.81	1316.68	7.30	ppb
Potassium	39-2	494.52	487.10	438.81	473.47	6.39	ppb
Rhodium	103-1				121		%
Rhodium	103-2				110		%
Scandium	45-1				126		%
Scandium	45-2				112		%
Selenium	82-1	1.15	1.59	1.76	1.50	20.96	ppb
Selenium	77-2	8.69	7.73	6.17	7.53	16.91	ppb
Selenium	78-2	4.47	3.55	4.10	4.04	11.40	ppb
Silicon	28-1	902.95	891.43	877.74	890.71	1.42	ppb
Silver	107-1	0.42	0.39	0.34	0.38	9.47	ppb
Silver	109-1	0.44	0.41	0.44	0.43	3.27	ppb
Sodium	23-2	299.77	296.91	275.93	290.87	4.47	ppb
Strontium	86-1	34.93	35.20	33.65	34.59	2.40	ppb
Strontium	88-1	33.80	34.63	34.62	34.35	1.38	ppb
Sulfur	34-1	-2309.21	-2409.46	-2677.98	-2465.55		ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	0.12	0.16	0.15	0.14	13.70	ppb
Thallium	205-1	0.17	0.19	0.14	0.16	15.36	ppb
Tin	118-1	6.94	6.78	7.35	7.02	4.14	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:04:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	756.42	750.34	741.03	749.26	1.03	ppb
Uranium	238-1	1.19	1.12	1.12	1.14	3.57	ppb
Vanadium	51-2	644.19	644.26	618.26	635.57	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				115		%
Zinc	66-2	1533.29	1531.78	1378.47	1481.18	6.01	ppb
Zirconium	90-1	3.55	3.47	3.62	3.55	2.06	ppb
Zirconium	91-1	3.52	3.46	3.69	3.55	3.35	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25108.20	24234.11	23575.28	24305.86	3.16	ppb
Antimony	121-1	4.02	4.73	4.37	4.37	8.09	ppb
Arsenic	75-2	32.54	29.81	29.76	30.70	5.18	ppb
Barium	135-1	147.22	167.39	161.28	158.63	6.52	ppb
Barium	137-1	146.61	172.70	162.13	160.48	8.18	ppb
Beryllium	9-1	0.48	0.52	0.54	0.51	6.28	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Boron	10-1	7.16	7.46	7.91	7.51	5.06	ppb
Boron	11-1	6.98	8.35	8.28	7.87	9.83	ppb
Bromine	81-1						cps
Cadmium	111-1	1.37	1.58	1.53	1.50	7.55	ppb
Cadmium	106-1	0.00	2.30	1.73	1.34	88.91	ppb
Cadmium	108-1	2.20	2.43	2.07	2.23	8.30	ppb
Calcium	43-1	6785.22	8207.76	7331.49	7441.49	9.64	ppb
Calcium	44-1	6867.42	8354.70	7396.21	7539.45	10.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162.02	160.39	151.94	158.12	3.42	ppb
Cobalt	59-2	50.34	49.39	46.40	48.71	4.22	ppb
Copper	63-2	337.51	336.73	315.38	329.87	3.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				111		%
Indium	115-1				121		%
Indium	115-2				111		%
Iron	54-2	93729.81	90487.30	84170.01	89462.37	5.43	ppb
Iron	56-2	94182.50	92053.44	86870.93	91035.62	4.13	ppb
Iron	57-2	93469.83	92936.67	87195.45	91200.65	3.81	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	59.98	64.34	60.45	61.59	3.88	ppb
Lead	207-1	56.45	62.55	58.37	59.12	5.27	ppb
Lead	208-1	57.82	64.39	59.54	60.58	5.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	7462.84	7188.98	6744.94	7132.26	5.08	ppb
Manganese	55-2	1303.14	1270.21	1176.01	1249.78	5.28	ppb
Molybdenum	94-1	10.57	13.55	11.78	11.97	12.52	ppb
Molybdenum	95-1	6.46	8.19	7.33	7.33	11.77	ppb
Molybdenum	96-1	7.68	9.45	8.42	8.52	10.47	ppb
Molybdenum	97-1	6.44	8.36	7.42	7.41	13.02	ppb
Molybdenum	98-1	6.41	7.79	7.13	7.11	9.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.32	545.08	508.72	536.71	4.64	ppb
Phosphorus	31-2	1291.55	1305.26	1210.67	1269.16	4.03	ppb
Potassium	39-2	479.30	457.70	449.33	462.11	3.35	ppb
Rhodium	103-1				119		%
Rhodium	103-2				108		%
Scandium	45-1				124		%
Scandium	45-2				108		%
Selenium	82-1	1.28	1.96	1.49	1.58	21.95	ppb
Selenium	77-2	5.33	7.67	16.18	9.73	58.68	ppb
Selenium	78-2	4.13	3.23	5.18	4.18	23.38	ppb
Silicon	28-1	523.28	652.97	582.22	586.16	11.08	ppb
Silver	107-1	0.32	0.39	0.34	0.35	9.92	ppb
Silver	109-1	0.32	0.39	0.35	0.36	9.10	ppb
Sodium	23-2	299.86	292.31	269.47	287.22	5.51	ppb
Strontium	86-1	30.02	36.51	34.01	33.51	9.78	ppb
Strontium	88-1	30.20	36.85	33.38	33.48	9.93	ppb
Sulfur	34-1	-3035.98	-1598.14	-2454.49	-2362.87		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.12	0.17	0.13	0.14	18.41	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	2.50	ppb
Tin	118-1	6.25	7.36	6.90	6.83	8.16	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	710.30	828.80	752.11	763.73	7.87	ppb
Uranium	238-1	1.08	1.27	1.18	1.18	7.98	ppb
Vanadium	51-2	674.49	668.49	621.71	654.90	4.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				110		%
Zinc	66-2	1572.86	1512.60	1478.30	1521.25	3.15	ppb
Zirconium	90-1	2.98	3.69	3.18	3.28	11.15	ppb
Zirconium	91-1	2.86	3.75	3.04	3.22	14.74	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4656.42	4638.24	4561.31	4618.66	1.09	ppb
Antimony	121-1	0.95	0.87	0.85	0.89	5.92	ppb
Arsenic	75-2	5.89	6.00	5.74	5.88	2.22	ppb
Barium	135-1	32.72	31.05	30.22	31.33	4.06	ppb
Barium	137-1	34.61	32.20	31.06	32.62	5.56	ppb
Beryllium	9-1	0.14	0.13	0.13	0.14	5.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	5.18	4.44	3.88	4.50	14.52	ppb
Boron	11-1	5.66	4.55	4.24	4.82	15.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.20	0.20	0.23	22.27	ppb
Cadmium	106-1	-0.17	-0.83	-4.77	-1.93		ppb
Cadmium	108-1	0.43	0.45	0.39	0.42	6.52	ppb
Calcium	43-1	1725.90	1493.12	1559.15	1592.73	7.53	ppb
Calcium	44-1	1702.97	1517.41	1534.16	1584.85	6.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.68	30.51	30.27	30.82	2.44	ppb
Cobalt	59-2	9.62	9.66	9.34	9.54	1.85	ppb
Copper	63-2	65.78	64.11	63.70	64.53	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	18328.68	17717.01	17833.90	17959.86	1.81	ppb
Iron	56-2	18131.24	17612.95	17567.50	17770.56	1.76	ppb
Iron	57-2	17598.67	16952.10	17138.10	17229.62	1.93	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.09	12.72	13.46	13.43	5.11	ppb
Lead	207-1	13.64	12.47	12.43	12.85	5.36	ppb
Lead	208-1	13.82	12.51	12.83	13.05	5.24	ppb
Lithium	6-1				96		%
Magnesium	24-2	1365.69	1320.73	1329.58	1338.67	1.78	ppb
Manganese	55-2	237.95	233.51	231.13	234.19	1.48	ppb
Molybdenum	94-1	2.84	2.40	2.29	2.51	11.47	ppb
Molybdenum	95-1	1.73	1.53	1.52	1.59	7.37	ppb
Molybdenum	96-1	1.92	1.84	1.76	1.84	4.22	ppb
Molybdenum	97-1	1.67	1.71	1.42	1.60	10.02	ppb
Molybdenum	98-1	1.63	1.48	1.49	1.53	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.99	101.49	101.70	103.39	3.01	ppb
Phosphorus	31-2	239.25	252.97	217.69	236.64	7.52	ppb
Potassium	39-2	87.54	100.25	101.45	96.41	7.99	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	0.46	0.49	0.52	0.49	6.33	ppb
Selenium	77-2	1.26	3.81	1.31	2.13	68.54	ppb
Selenium	78-2	2.20	1.51	0.95	1.55	40.27	ppb
Silicon	28-1	130.27	100.26	103.19	111.24	14.87	ppb
Silver	107-1	0.13	0.10	0.11	0.11	13.46	ppb
Silver	109-1	0.13	0.10	0.10	0.11	15.15	ppb
Sodium	23-2	104.35	101.62	102.77	102.91	1.33	ppb
Strontium	86-1	7.62	6.90	6.56	7.02	7.71	ppb
Strontium	88-1	7.73	6.84	6.69	7.09	7.93	ppb
Sulfur	34-1	-2060.91	-3198.83	-3115.90	-2791.88		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.02	0.01	30.37	ppb
Thallium	205-1	0.02	0.00	0.00	0.01	89.51	ppb
Tin	118-1	1.46	1.35	1.32	1.37	5.36	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	176.92	157.95	162.40	165.76	5.98	ppb
Uranium	238-1	0.26	0.24	0.24	0.25	5.79	ppb
Vanadium	51-2	129.55	126.28	127.25	127.69	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	303.88	301.12	291.82	298.94	2.11	ppb
Zirconium	90-1	0.77	0.59	0.63	0.66	13.69	ppb
Zirconium	91-1	0.70	0.70	0.65	0.68	4.09	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	126962.23	121277.44	126471.76	124903.81	2.52	ppb
Antimony	121-1	386.15	396.84	400.62	394.54	1.90	ppb
Arsenic	75-2	603.20	598.60	590.47	597.42	1.08	ppb
Barium	135-1	3545.94	3557.52	3626.42	3576.63	1.22	ppb
Barium	137-1	3593.86	3769.38	3559.80	3641.01	3.09	ppb
Beryllium	9-1	451.33	460.75	436.67	449.58	2.70	ppb
Bismuth	209-1				127		%
Bismuth	209-2				112		%
Boron	10-1	407.22	424.38	426.07	419.22	2.49	ppb
Boron	11-1	446.28	469.08	478.23	464.53	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	513.80	517.61	525.88	519.10	1.19	ppb
Cadmium	106-1	527.18	532.21	544.46	534.62	1.66	ppb
Cadmium	108-1	509.73	516.00	517.81	514.51	0.82	ppb
Calcium	43-1	83695.10	88737.25	85265.11	85899.15	3.00	ppb
Calcium	44-1	83642.97	88611.06	83757.10	85337.04	3.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1668.78	1663.34	1648.83	1660.32	0.62	ppb
Cobalt	59-2	824.41	826.07	846.88	832.45	1.50	ppb
Copper	63-2	6698.87	6627.56	6693.34	6673.25	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				131		%
Holmium	165-2				114		%
Indium	115-1				131		%
Indium	115-2				110		%
Iron	54-2	494933.45	488590.93	501337.15	494953.84	1.29	ppb
Iron	56-2	491695.49	504254.94	510042.05	501997.49	1.87	ppb
Iron	57-2	485742.89	492662.42	511354.61	496586.64	2.67	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2726.53	2706.93	2745.39	2726.28	0.71	ppb
Lead	207-1	2612.83	2688.71	2700.08	2667.21	1.78	ppb
Lead	208-1	2651.79	2699.42	2720.95	2690.72	1.32	ppb
Lithium	6-1				122		%
Magnesium	24-2	88770.10	87422.59	90711.00	88967.90	1.86	ppb
Manganese	55-2	10795.31	10535.55	10532.49	10621.12	1.42	ppb
Molybdenum	94-1	2151.39	2268.46	2225.71	2215.19	2.67	ppb
Molybdenum	95-1	1666.71	1797.27	1686.78	1716.92	4.09	ppb
Molybdenum	96-1	1735.42	1808.28	1776.44	1773.38	2.06	ppb
Molybdenum	97-1	1639.42	1748.83	1698.72	1695.66	3.23	ppb
Molybdenum	98-1	1624.12	1685.07	1688.48	1665.89	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3793.92	3818.59	3900.62	3837.71	1.46	ppb
Phosphorus	31-2	6174.90	5940.05	6074.35	6063.10	1.94	ppb
Potassium	39-2	19469.94	19657.92	19254.13	19460.66	1.04	ppb
Rhodium	103-1				124		%
Rhodium	103-2				106		%
Scandium	45-1				154		%
Scandium	45-2				125		%
Selenium	82-1	470.62	500.35	499.10	490.02	3.43	ppb
Selenium	77-2	552.87	554.57	559.65	555.70	0.63	ppb
Selenium	78-2	496.83	504.93	489.52	497.10	1.55	ppb
Silicon	28-1	4157.40	4478.29	4117.71	4251.13	4.65	ppb
Silver	107-1	514.05	514.65	505.33	511.34	1.02	ppb
Silver	109-1	514.70	510.08	514.88	513.22	0.53	ppb
Sodium	23-2	44374.97	43689.94	46361.18	44808.70	3.10	ppb
Strontium	86-1	631.89	665.14	667.03	654.69	3.02	ppb
Strontium	88-1	621.45	679.65	649.81	650.30	4.48	ppb
Sulfur	34-1	3084.50	4033.38	3076.07	3397.98	16.19	ppb
Terbium	159-1				129		%
Terbium	159-2				114		%
Thallium	203-1	455.46	457.83	469.80	461.03	1.67	ppb
Thallium	205-1	451.23	471.10	467.65	463.33	2.29	ppb
Tin	118-1	543.06	542.30	545.28	543.55	0.28	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6558.06	6943.68	6829.25	6777.00	2.92	ppb
Uranium	238-1	463.48	481.08	490.82	478.46	2.90	ppb
Vanadium	51-2	3974.54	3947.44	3928.33	3950.11	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				156		%
Yttrium	89-2				129		%
Zinc	66-2	12776.69	12496.36	12570.58	12614.55	1.15	ppb
Zirconium	90-1	440.09	478.37	473.26	463.91	4.48	ppb
Zirconium	91-1	438.70	471.96	466.69	459.11	3.89	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28306.20	28639.15	27368.47	28104.60	2.34	ppb
Antimony	121-1	73.64	75.65	76.07	75.12	1.73	ppb
Arsenic	75-2	130.70	129.44	124.46	128.20	2.58	ppb
Barium	135-1	690.33	709.32	702.10	700.59	1.37	ppb
Barium	137-1	708.00	708.30	721.44	712.58	1.08	ppb
Beryllium	9-1	92.81	94.31	95.90	94.34	1.64	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	119.49	126.27	130.48	125.41	4.42	ppb
Boron	11-1	131.09	135.89	141.96	136.31	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	104.28	107.63	106.79	106.23	1.64	ppb
Cadmium	106-1	101.64	107.96	109.05	106.22	3.76	ppb
Cadmium	108-1	102.34	104.87	107.29	104.83	2.36	ppb
Calcium	43-1	18819.29	18840.60	18978.90	18879.60	0.46	ppb
Calcium	44-1	18726.95	18813.84	19563.28	19034.69	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	356.01	355.26	351.57	354.28	0.67	ppb
Cobalt	59-2	180.30	180.68	176.84	179.28	1.18	ppb
Copper	63-2	1495.94	1548.27	1521.09	1521.76	1.72	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				108		%
Indium	115-1				116		%
Indium	115-2				105		%
Iron	54-2	110763.89	113519.47	110862.05	111715.14	1.40	ppb
Iron	56-2	113753.97	113664.29	111178.24	112865.50	1.30	ppb
Iron	57-2	114893.04	114689.42	111206.12	113596.19	1.82	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	550.62	585.07	568.21	567.97	3.03	ppb
Lead	207-1	535.47	576.07	570.41	560.65	3.92	ppb
Lead	208-1	545.29	572.76	564.12	560.72	2.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	20355.91	19946.75	20659.05	20320.57	1.76	ppb
Manganese	55-2	2406.56	2416.28	2450.43	2424.42	0.95	ppb
Molybdenum	94-1	474.63	505.47	509.64	496.58	3.85	ppb
Molybdenum	95-1	370.97	386.83	389.18	382.33	2.59	ppb
Molybdenum	96-1	382.28	397.44	407.48	395.73	3.21	ppb
Molybdenum	97-1	365.73	378.82	391.86	378.80	3.45	ppb
Molybdenum	98-1	368.88	378.92	390.22	379.34	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	837.23	843.45	824.80	835.16	1.14	ppb
Phosphorus	31-2	1256.71	1372.29	1308.61	1312.54	4.41	ppb
Potassium	39-2	4170.50	4292.42	4127.48	4196.80	2.04	ppb
Rhodium	103-1				116		%
Rhodium	103-2				105		%
Scandium	45-1				122		%
Scandium	45-2				103		%
Selenium	82-1	105.90	107.51	111.68	108.36	2.75	ppb
Selenium	77-2	112.99	103.34	100.93	105.75	6.04	ppb
Selenium	78-2	105.31	104.99	100.95	103.75	2.34	ppb
Silicon	28-1	974.95	959.27	981.36	971.86	1.17	ppb
Silver	107-1	98.57	103.28	103.80	101.88	2.83	ppb
Silver	109-1	99.90	102.85	103.81	102.19	1.99	ppb
Sodium	23-2	9873.62	10333.58	9972.43	10059.88	2.41	ppb
Strontium	86-1	139.41	144.17	144.03	142.54	1.90	ppb
Strontium	88-1	140.90	144.22	147.71	144.28	2.36	ppb
Sulfur	34-1	-2170.83	-2171.47	-1851.61	-2064.64		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	88.72	92.60	97.48	92.93	4.72	ppb
Thallium	205-1	90.77	95.51	96.15	94.14	3.12	ppb
Tin	118-1	106.58	107.66	108.49	107.57	0.89	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1489.02	1491.20	1543.88	1508.03	2.06	ppb
Uranium	238-1	96.42	100.07	99.19	98.56	1.93	ppb
Vanadium	51-2	878.07	908.06	864.76	883.63	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				108		%
Zinc	66-2	2837.49	2891.27	2825.91	2851.56	1.22	ppb
Zirconium	90-1	101.43	105.50	105.83	104.25	2.35	ppb
Zirconium	91-1	99.21	102.69	102.82	101.57	2.02	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:25:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31691.22	30949.61	29635.40	30758.74	3.38	ppb
Antimony	121-1	74.05	72.15	73.06	73.09	1.30	ppb
Arsenic	75-2	130.54	124.48	122.30	125.78	3.39	ppb
Barium	135-1	662.63	656.72	661.21	660.19	0.47	ppb
Barium	137-1	699.02	694.30	672.22	688.52	2.08	ppb
Beryllium	9-1	95.86	93.14	91.85	93.62	2.19	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	10-1	108.81	109.53	112.22	110.19	1.63	ppb
Boron	11-1	117.72	116.48	121.06	118.42	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	102.32	101.39	103.18	102.30	0.87	ppb
Cadmium	106-1	103.01	104.54	107.90	105.15	2.38	ppb
Cadmium	108-1	99.31	101.46	96.07	98.95	2.74	ppb
Calcium	43-1	18736.25	18989.56	18500.45	18742.09	1.31	ppb
Calcium	44-1	18891.48	19108.24	18453.32	18817.68	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	278.64	271.01	263.78	271.15	2.74	ppb
Cobalt	59-2	152.45	147.65	143.66	147.92	2.97	ppb
Copper	63-2	1339.12	1350.91	1329.59	1339.87	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				106		%
Iron	54-2	104863.40	102959.83	97798.79	101874.01	3.59	ppb
Iron	56-2	107169.69	102310.00	99633.53	103037.74	3.71	ppb
Iron	57-2	103775.31	101438.32	101617.81	102277.15	1.27	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:25:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	526.43	541.40	545.71	537.85	1.88	ppb
Lead	207-1	521.44	543.48	529.82	531.58	2.09	ppb
Lead	208-1	519.93	540.87	526.50	529.10	2.02	ppb
Lithium	6-1				104		%
Magnesium	24-2	20618.85	20001.43	20399.75	20340.01	1.54	ppb
Manganese	55-2	2374.47	2323.72	2240.99	2313.06	2.91	ppb
Molybdenum	94-1	468.67	464.89	465.38	466.31	0.44	ppb
Molybdenum	95-1	353.37	360.64	354.03	356.01	1.13	ppb
Molybdenum	96-1	379.59	375.51	368.41	374.50	1.51	ppb
Molybdenum	97-1	358.29	354.76	352.73	355.26	0.79	ppb
Molybdenum	98-1	348.78	349.26	357.30	351.78	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	618.36	598.87	595.28	604.17	2.06	ppb
Phosphorus	31-2	1269.32	1070.61	1079.85	1139.93	9.84	ppb
Potassium	39-2	4133.07	4053.21	3983.60	4056.63	1.84	ppb
Rhodium	103-1				116		%
Rhodium	103-2				107		%
Scandium	45-1				121		%
Scandium	45-2				106		%
Selenium	82-1	104.21	101.24	103.10	102.85	1.46	ppb
Selenium	77-2	108.74	123.48	116.75	116.32	6.34	ppb
Selenium	78-2	109.38	102.81	101.01	104.40	4.22	ppb
Silicon	28-1	1066.48	1146.78	1099.50	1104.25	3.66	ppb
Silver	107-1	105.78	106.46	105.96	106.07	0.33	ppb
Silver	109-1	106.47	106.36	106.64	106.49	0.13	ppb
Sodium	23-2	9814.22	9672.25	9436.56	9641.01	1.98	ppb
Strontium	86-1	136.24	137.54	135.81	136.53	0.66	ppb
Strontium	88-1	137.55	140.65	142.49	140.23	1.78	ppb
Sulfur	34-1	-2326.19	-2202.03	-2282.60	-2270.27		ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	89.20	91.54	87.24	89.33	2.41	ppb
Thallium	205-1	90.85	93.37	91.26	91.83	1.47	ppb
Tin	118-1	103.17	99.71	102.19	101.69	1.75	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:25:09	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1608.14	1648.25	1606.59	1620.99	1.46	ppb
Uranium	238-1	94.92	96.49	94.86	95.42	0.97	ppb
Vanadium	51-2	911.10	859.52	835.06	868.56	4.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				108		%
Zinc	66-2	2275.76	2222.30	2208.41	2235.49	1.59	ppb
Zirconium	90-1	100.61	100.20	102.00	100.94	0.94	ppb
Zirconium	91-1	97.69	98.36	101.50	99.18	2.05	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49248.07	48385.65	46106.89	47913.54	3.39	ppb
Antimony	121-1	527.44	487.43	484.98	499.95	4.77	ppb
Arsenic	75-2	491.84	469.84	465.12	475.60	3.00	ppb
Barium	135-1	2663.70	2513.46	2570.36	2582.51	2.94	ppb
Barium	137-1	2653.01	2555.61	2523.18	2577.27	2.62	ppb
Beryllium	9-1	511.58	507.40	516.25	511.74	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	482.01	486.55	524.05	497.54	4.64	ppb
Boron	11-1	508.12	509.66	559.38	525.72	5.55	ppb
Bromine	81-1						cps
Cadmium	111-1	497.05	469.65	471.95	479.55	3.17	ppb
Cadmium	106-1	491.68	464.54	462.33	472.85	3.46	ppb
Cadmium	108-1	512.59	478.83	484.18	491.87	3.69	ppb
Calcium	43-1	262272.07	250690.22	255333.78	256098.69	2.28	ppb
Calcium	44-1	255275.98	249595.33	242042.40	248971.24	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.56	472.04	447.08	464.90	3.34	ppb
Cobalt	59-2	493.46	482.04	473.20	482.90	2.10	ppb
Copper	63-2	5080.12	5096.38	4842.57	5006.36	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	125714.35	117988.73	114329.28	119344.12	4.87	ppb
Iron	56-2	125808.80	123932.76	114531.68	121424.41	4.98	ppb
Iron	57-2	128723.04	125259.69	117523.75	123835.49	4.63	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2521.15	2591.85	2475.73	2529.57	2.31	ppb
Lead	207-1	2625.55	2577.25	2503.54	2568.78	2.39	ppb
Lead	208-1	2574.07	2567.51	2564.17	2568.59	0.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	247008.76	241977.99	223754.62	237580.45	5.15	ppb
Manganese	55-2	5016.90	4820.78	4574.00	4803.89	4.62	ppb
Molybdenum	94-1	5134.76	5134.67	5087.37	5118.93	0.53	ppb
Molybdenum	95-1	5094.28	5178.66	5122.49	5131.81	0.84	ppb
Molybdenum	96-1	5253.17	5154.12	5099.87	5169.05	1.50	ppb
Molybdenum	97-1	5103.06	5171.98	4980.07	5085.04	1.91	ppb
Molybdenum	98-1	5144.04	5103.93	4975.09	5074.35	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.43	475.82	457.17	469.47	2.27	ppb
Phosphorus	31-2	10193.48	9963.13	9477.54	9878.05	3.70	ppb
Potassium	39-2	118882.12	115185.89	112074.00	115380.67	2.95	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	487.53	495.71	474.92	486.05	2.15	ppb
Selenium	77-2	504.54	453.29	447.56	468.46	6.70	ppb
Selenium	78-2	476.62	452.54	458.98	462.71	2.69	ppb
Silicon	28-1	383.96	406.34	429.05	406.45	5.55	ppb
Silver	107-1	511.89	473.21	468.81	484.63	4.89	ppb
Silver	109-1	509.56	483.19	480.92	491.22	3.24	ppb
Sodium	23-2	248327.31	241101.11	227028.32	238818.91	4.54	ppb
Strontium	86-1	13097.31	13004.07	12441.77	12847.72	2.76	ppb
Strontium	88-1	13128.00	12900.41	12527.36	12851.92	2.36	ppb
Sulfur	34-1	12102.38	11327.43	11392.06	11607.29	3.70	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	519.37	534.60	497.64	517.20	3.59	ppb
Thallium	205-1	523.66	527.66	514.80	522.04	1.26	ppb
Tin	118-1	527.13	497.36	508.23	510.91	2.95	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5127.50	5080.40	4936.11	5048.00	1.98	ppb
Uranium	238-1	514.82	522.18	516.71	517.90	0.74	ppb
Vanadium	51-2	489.25	483.99	465.94	479.72	2.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	4916.07	4893.26	4649.92	4819.75	3.06	ppb
Zirconium	90-1	524.94	509.53	501.57	512.01	2.32	ppb
Zirconium	91-1	513.25	504.71	498.51	505.49	1.46	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.47	1.24	0.63	1.11	39.30	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	12.51	ppb
Arsenic	75-2	0.04	0.02	0.01	0.02	77.66	ppb
Barium	135-1	0.08	0.07	0.01	0.05	77.07	ppb
Barium	137-1	0.12	0.06	0.02	0.07	80.15	ppb
Beryllium	9-1	0.07	0.06	0.07	0.06	7.15	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	17.30	16.15	15.45	16.30	5.72	ppb
Boron	11-1	18.85	16.77	15.32	16.98	10.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.06	-0.07	-0.07		ppb
Cadmium	106-1	-3.90	-4.01	-4.10	-4.01		ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00		ppb
Calcium	43-1	10.96	3.71	2.57	5.75	79.12	ppb
Calcium	44-1	10.85	3.93	3.22	6.00	70.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	0.02	0.02	102.56	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.55	0.52	0.46	0.51	8.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	54-2	6.34	4.49	3.53	4.78	29.83	ppb
Iron	56-2	5.80	4.40	3.74	4.65	22.63	ppb
Iron	57-2	6.53	4.23	4.77	5.18	23.22	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.03	0.02	0.06	87.51	ppb
Lead	207-1	0.13	0.05	0.05	0.08	58.83	ppb
Lead	208-1	0.11	0.05	0.04	0.07	58.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	4.56	3.25	4.27	4.02	17.08	ppb
Manganese	55-2	0.21	0.15	0.21	0.19	16.89	ppb
Molybdenum	94-1	0.42	0.20	0.20	0.27	46.41	ppb
Molybdenum	95-1	0.43	0.26	0.26	0.32	31.30	ppb
Molybdenum	96-1	0.32	0.23	0.19	0.25	27.69	ppb
Molybdenum	97-1	0.36	0.25	0.19	0.27	32.65	ppb
Molybdenum	98-1	0.37	0.26	0.21	0.28	29.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	480.04	ppb
Phosphorus	31-2	-9.34	3.55	3.58	-0.74		ppb
Potassium	39-2	6.12	6.57	12.82	8.50	44.00	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	0.34	0.11	0.26	0.24	48.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.28	1.81	1.39	1.49	18.99	ppb
Silicon	28-1	-8.16	-8.63	-9.40	-8.73		ppb
Silver	107-1	0.05	0.03	0.03	0.04	32.67	ppb
Silver	109-1	0.07	0.03	0.03	0.05	42.00	ppb
Sodium	23-2	50.43	52.52	50.26	51.07	2.46	ppb
Strontium	86-1	0.50	0.19	0.19	0.29	61.14	ppb
Strontium	88-1	0.45	0.20	0.13	0.26	64.01	ppb
Sulfur	34-1	-2113.08	-2040.40	-2302.59	-2152.02		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.03	0.05	0.05	32.11	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	16.90	ppb
Tin	118-1	-0.01	0.02	0.01	0.01	230.45	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.16	0.03	0.18	90.26	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	65.39	ppb
Vanadium	51-2	0.03	0.01	0.03	0.02	39.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	0.07	0.18	0.22	0.16	49.99	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	59.51	ppb
Zirconium	91-1	0.03	0.06	0.01	0.03	75.29	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133162.74	132685.37	130065.66	131971.26	1.26	ppb
Antimony	121-1	390.89	395.80	393.65	393.45	0.63	ppb
Arsenic	75-2	584.22	596.32	563.74	581.43	2.83	ppb
Barium	135-1	3560.08	3527.78	3478.25	3522.04	1.17	ppb
Barium	137-1	3515.83	3464.59	3557.10	3512.51	1.32	ppb
Beryllium	9-1	509.22	500.10	468.25	492.53	4.37	ppb
Bismuth	209-1				125		%
Bismuth	209-2				113		%
Boron	10-1	442.30	443.90	457.67	447.96	1.89	ppb
Boron	11-1	480.81	491.89	496.10	489.60	1.61	ppb
Bromine	81-1						cps
Cadmium	111-1	516.41	504.50	531.24	517.38	2.59	ppb
Cadmium	106-1	543.87	543.70	552.72	546.76	0.94	ppb
Cadmium	108-1	507.58	514.97	520.09	514.21	1.22	ppb
Calcium	43-1	78680.88	81683.38	78681.34	79681.87	2.18	ppb
Calcium	44-1	77358.59	81926.67	80341.14	79875.46	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1227.36	1242.47	1203.95	1224.59	1.58	ppb
Cobalt	59-2	672.43	677.68	658.53	669.55	1.48	ppb
Copper	63-2	5574.45	5614.08	5594.75	5594.43	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				115		%
Indium	115-1				130		%
Indium	115-2				117		%
Iron	54-2	429296.78	450911.83	431737.63	437315.41	2.71	ppb
Iron	56-2	444263.84	447780.42	429880.80	440641.69	2.15	ppb
Iron	57-2	437031.68	445954.64	438456.96	440481.09	1.09	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2554.80	2663.08	2519.84	2579.24	2.90	ppb
Lead	207-1	2549.44	2611.72	2499.54	2553.57	2.20	ppb
Lead	208-1	2513.76	2624.73	2518.53	2552.34	2.46	ppb
Lithium	6-1				111		%
Magnesium	24-2	89192.87	88485.09	87262.15	88313.37	1.11	ppb
Manganese	55-2	9900.87	9880.40	9830.11	9870.46	0.37	ppb
Molybdenum	94-1	2157.95	2171.03	2208.18	2179.05	1.20	ppb
Molybdenum	95-1	1648.02	1644.24	1654.88	1649.05	0.33	ppb
Molybdenum	96-1	1713.55	1752.80	1694.34	1720.23	1.73	ppb
Molybdenum	97-1	1630.51	1670.13	1644.46	1648.37	1.22	ppb
Molybdenum	98-1	1613.96	1658.02	1608.79	1626.92	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2693.45	2736.83	2684.98	2705.09	1.03	ppb
Phosphorus	31-2	5443.50	5143.63	5108.79	5231.97	3.52	ppb
Potassium	39-2	18993.75	18295.77	18323.36	18537.63	2.13	ppb
Rhodium	103-1				124		%
Rhodium	103-2				109		%
Scandium	45-1				165		%
Scandium	45-2				136		%
Selenium	82-1	472.88	495.83	487.28	485.33	2.39	ppb
Selenium	77-2	515.25	525.88	492.49	511.21	3.34	ppb
Selenium	78-2	487.05	500.71	470.66	486.14	3.09	ppb
Silicon	28-1	4460.05	4399.71	4344.47	4401.41	1.31	ppb
Silver	107-1	526.80	528.97	541.63	532.47	1.50	ppb
Silver	109-1	542.24	522.68	546.02	536.98	2.33	ppb
Sodium	23-2	42700.46	43436.37	41579.06	42571.96	2.20	ppb
Strontium	86-1	695.61	696.21	692.57	694.79	0.28	ppb
Strontium	88-1	678.49	690.77	694.56	687.94	1.22	ppb
Sulfur	34-1	800.75	839.66	772.56	804.32	4.19	ppb
Terbium	159-1				128		%
Terbium	159-2				117		%
Thallium	203-1	455.35	473.26	452.86	460.49	2.42	ppb
Thallium	205-1	461.90	462.83	450.73	458.48	1.47	ppb
Tin	118-1	534.41	533.58	539.72	535.90	0.62	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6660.45	6708.86	6855.68	6741.66	1.51	ppb
Uranium	238-1	461.18	489.41	464.77	471.79	3.26	ppb
Vanadium	51-2	3846.35	3922.63	3656.62	3808.53	3.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				153		%
Yttrium	89-2				133		%
Zinc	66-2	9359.07	9548.19	9748.21	9551.82	2.04	ppb
Zirconium	90-1	446.32	483.16	478.44	469.31	4.27	ppb
Zirconium	91-1	456.82	483.73	468.35	469.63	2.88	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128207.92	128364.75	122265.95	126279.54	2.75	ppb
Antimony	121-1	390.51	409.46	392.51	397.50	2.62	ppb
Arsenic	75-2	591.33	571.68	566.75	576.58	2.26	ppb
Barium	135-1	3488.80	3670.04	3540.49	3566.44	2.62	ppb
Barium	137-1	3419.59	3624.88	3591.00	3545.16	3.10	ppb
Beryllium	9-1	450.55	450.05	438.61	446.40	1.51	ppb
Bismuth	209-1				125		%
Bismuth	209-2				112		%
Boron	10-1	408.91	429.02	446.91	428.28	4.44	ppb
Boron	11-1	454.33	445.88	501.29	467.17	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	501.73	540.97	513.93	518.87	3.87	ppb
Cadmium	106-1	521.74	538.19	544.19	534.71	2.17	ppb
Cadmium	108-1	493.23	523.64	500.37	505.75	3.14	ppb
Calcium	43-1	81942.22	83800.54	84990.55	83577.77	1.84	ppb
Calcium	44-1	80643.28	85314.87	82164.20	82707.45	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1462.77	1432.22	1404.77	1433.25	2.02	ppb
Cobalt	59-2	743.15	733.15	715.74	730.68	1.90	ppb
Copper	63-2	6257.84	6207.32	5958.66	6141.28	2.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				115		%
Indium	115-1				130		%
Indium	115-2				113		%
Iron	54-2	471900.93	455793.64	453949.54	460548.04	2.14	ppb
Iron	56-2	461602.09	464337.55	460292.67	462077.44	0.45	ppb
Iron	57-2	473382.93	461829.48	445928.79	460380.40	2.99	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2674.04	2674.55	2679.04	2675.88	0.10	ppb
Lead	207-1	2601.69	2651.94	2652.43	2635.35	1.11	ppb
Lead	208-1	2626.85	2687.81	2653.03	2655.90	1.15	ppb
Lithium	6-1				119		%
Magnesium	24-2	87831.11	86697.97	85591.38	86706.82	1.29	ppb
Manganese	55-2	10176.06	10221.53	9946.19	10114.59	1.46	ppb
Molybdenum	94-1	2179.14	2222.48	2225.00	2208.87	1.17	ppb
Molybdenum	95-1	1666.61	1671.38	1692.53	1676.84	0.82	ppb
Molybdenum	96-1	1747.59	1741.30	1742.04	1743.64	0.20	ppb
Molybdenum	97-1	1666.28	1688.76	1665.16	1673.40	0.80	ppb
Molybdenum	98-1	1628.61	1667.68	1649.62	1648.64	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3246.65	3317.00	3197.10	3253.58	1.85	ppb
Phosphorus	31-2	5445.88	5458.33	5349.74	5417.98	1.10	ppb
Potassium	39-2	19248.24	18078.76	18344.03	18557.01	3.30	ppb
Rhodium	103-1				122		%
Rhodium	103-2				107		%
Scandium	45-1				157		%
Scandium	45-2				129		%
Selenium	82-1	475.61	495.24	492.63	487.83	2.19	ppb
Selenium	77-2	534.31	522.03	514.74	523.69	1.89	ppb
Selenium	78-2	494.84	471.91	476.69	481.15	2.51	ppb
Silicon	28-1	5934.73	6526.90	6091.74	6184.46	4.96	ppb
Silver	107-1	499.86	533.61	519.85	517.78	3.28	ppb
Silver	109-1	505.08	530.17	507.10	514.12	2.71	ppb
Sodium	23-2	44035.73	42553.99	42262.14	42950.62	2.21	ppb
Strontium	86-1	685.85	709.84	690.90	695.53	1.82	ppb
Strontium	88-1	679.75	693.28	667.21	680.08	1.92	ppb
Sulfur	34-1	1633.19	2026.24	1679.49	1779.64	12.07	ppb
Terbium	159-1				128		%
Terbium	159-2				116		%
Thallium	203-1	461.24	471.15	456.37	462.92	1.63	ppb
Thallium	205-1	470.18	467.90	471.88	469.99	0.42	ppb
Tin	118-1	538.13	561.98	540.92	547.01	2.38	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6678.19	7375.46	6904.84	6986.16	5.09	ppb
Uranium	238-1	473.59	483.02	472.46	476.36	1.22	ppb
Vanadium	51-2	3925.35	3774.83	3705.65	3801.94	2.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				152		%
Yttrium	89-2				131		%
Zinc	66-2	11180.88	11100.78	10944.64	11075.43	1.08	ppb
Zirconium	90-1	468.32	485.33	480.77	478.14	1.84	ppb
Zirconium	91-1	462.92	475.03	478.60	472.18	1.74	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30216.49	28893.14	29503.51	29537.71	2.24	ppb
Antimony	121-1	89.89	85.99	77.14	84.34	7.75	ppb
Arsenic	75-2	128.41	129.04	122.25	126.57	2.96	ppb
Barium	135-1	811.72	784.87	703.52	766.70	7.35	ppb
Barium	137-1	819.72	826.60	721.25	789.19	7.47	ppb
Beryllium	9-1	109.25	101.80	93.96	101.67	7.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	146.85	141.73	132.26	140.28	5.28	ppb
Boron	11-1	160.25	151.12	144.75	152.04	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	123.76	121.33	108.55	117.88	6.93	ppb
Cadmium	106-1	125.77	122.04	111.02	119.61	6.42	ppb
Cadmium	108-1	120.96	124.43	102.65	116.01	10.09	ppb
Calcium	43-1	22101.04	20474.21	19187.34	20587.53	7.09	ppb
Calcium	44-1	22156.50	21041.28	18971.77	20723.18	7.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313.89	311.18	302.29	309.12	1.96	ppb
Cobalt	59-2	165.72	164.25	160.01	163.33	1.82	ppb
Copper	63-2	1453.22	1479.50	1394.85	1442.52	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	105610.75	106150.01	105998.35	105919.71	0.26	ppb
Iron	56-2	108486.51	105467.42	107095.39	107016.44	1.41	ppb
Iron	57-2	109503.80	105463.67	105185.84	106717.77	2.26	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	670.02	608.83	546.09	608.31	10.19	ppb
Lead	207-1	661.79	582.75	534.48	593.01	10.84	ppb
Lead	208-1	668.38	590.75	540.53	599.89	10.74	ppb
Lithium	6-1				95		%
Magnesium	24-2	20052.88	20161.98	19223.04	19812.63	2.59	ppb
Manganese	55-2	2351.22	2326.21	2335.22	2337.55	0.54	ppb
Molybdenum	94-1	572.84	533.87	476.39	527.70	9.19	ppb
Molybdenum	95-1	431.37	405.67	362.72	399.92	8.67	ppb
Molybdenum	96-1	462.03	426.20	369.36	419.20	11.15	ppb
Molybdenum	97-1	438.00	409.01	353.87	400.29	10.68	ppb
Molybdenum	98-1	430.53	411.27	355.63	399.14	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	728.82	723.51	706.35	719.56	1.63	ppb
Phosphorus	31-2	1154.99	1290.76	1236.96	1227.57	5.57	ppb
Potassium	39-2	4219.80	4037.18	4046.32	4101.10	2.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	123.82	115.25	104.63	114.57	8.39	ppb
Selenium	77-2	115.23	107.12	102.99	108.45	5.74	ppb
Selenium	78-2	107.14	108.96	98.39	104.83	5.39	ppb
Silicon	28-1	1506.83	1630.74	1256.80	1464.79	13.00	ppb
Silver	107-1	123.75	119.49	105.18	116.14	8.38	ppb
Silver	109-1	126.28	120.24	107.97	118.16	7.90	ppb
Sodium	23-2	9794.41	9542.62	9522.48	9619.84	1.58	ppb
Strontium	86-1	168.30	157.93	141.20	155.81	8.78	ppb
Strontium	88-1	169.37	157.50	140.72	155.86	9.24	ppb
Sulfur	34-1	-706.88	-1483.66	-1839.37	-1343.30		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	109.93	98.48	89.04	99.15	10.55	ppb
Thallium	205-1	115.90	99.81	90.60	102.10	12.54	ppb
Tin	118-1	124.78	122.46	107.61	118.28	7.88	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1812.44	1781.73	1618.25	1737.48	6.01	ppb
Uranium	238-1	118.66	105.89	95.87	106.81	10.69	ppb
Vanadium	51-2	886.08	875.83	853.30	871.74	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	2601.21	2551.74	2530.00	2560.99	1.43	ppb
Zirconium	90-1	123.51	115.11	102.25	113.63	9.43	ppb
Zirconium	91-1	122.87	111.29	100.62	111.59	9.97	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48083.95	47972.31	45063.32	47039.86	3.64	ppb
Antimony	121-1	461.16	492.61	476.85	476.87	3.30	ppb
Arsenic	75-2	508.74	494.53	499.64	500.97	1.44	ppb
Barium	135-1	2507.20	2459.26	2502.87	2489.78	1.06	ppb
Barium	137-1	2526.25	2519.74	2524.22	2523.40	0.13	ppb
Beryllium	9-1	482.55	504.51	507.54	498.20	2.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	473.41	506.34	535.26	505.00	6.13	ppb
Boron	11-1	499.38	540.46	563.54	534.46	6.08	ppb
Bromine	81-1						cps
Cadmium	111-1	464.35	474.12	471.06	469.84	1.06	ppb
Cadmium	106-1	472.47	495.05	473.27	480.26	2.67	ppb
Cadmium	108-1	474.54	494.32	468.87	479.24	2.79	ppb
Calcium	43-1	248309.10	242845.25	239314.61	243489.65	1.86	ppb
Calcium	44-1	238509.93	240228.40	236571.62	238436.65	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.02	468.62	459.59	467.74	1.66	ppb
Cobalt	59-2	504.34	501.50	496.40	500.74	0.80	ppb
Copper	63-2	5236.45	5128.74	5047.64	5137.61	1.84	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				108		%
Indium	115-2				103		%
Iron	54-2	122925.19	120860.22	116301.00	120028.80	2.82	ppb
Iron	56-2	124582.60	121233.37	121238.59	122351.52	1.58	ppb
Iron	57-2	124190.14	123794.29	121531.46	123171.96	1.16	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2452.95	2496.79	2482.76	2477.50	0.90	ppb
Lead	207-1	2444.50	2554.46	2528.96	2509.31	2.29	ppb
Lead	208-1	2468.65	2563.48	2523.70	2518.61	1.89	ppb
Lithium	6-1				93		%
Magnesium	24-2	231018.44	239646.08	234011.09	234891.87	1.87	ppb
Manganese	55-2	4956.75	4920.04	4633.75	4836.84	3.66	ppb
Molybdenum	94-1	5001.20	4897.49	4956.94	4951.87	1.05	ppb
Molybdenum	95-1	5062.61	4986.99	4948.70	4999.43	1.16	ppb
Molybdenum	96-1	5000.58	4976.62	5025.86	5001.02	0.49	ppb
Molybdenum	97-1	5057.78	4943.47	5035.74	5012.33	1.21	ppb
Molybdenum	98-1	4898.03	4985.32	4866.67	4916.67	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.58	489.10	478.74	487.47	1.65	ppb
Phosphorus	31-2	10209.18	9960.68	9562.69	9910.85	3.29	ppb
Potassium	39-2	115143.48	115208.68	112591.16	114314.44	1.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	503.94	502.96	506.42	504.44	0.35	ppb
Selenium	77-2	525.80	486.88	496.26	502.98	4.04	ppb
Selenium	78-2	499.44	494.00	502.85	498.76	0.90	ppb
Silicon	28-1	406.67	425.73	451.22	427.87	5.22	ppb
Silver	107-1	481.37	489.79	470.39	480.52	2.02	ppb
Silver	109-1	487.70	486.67	484.26	486.21	0.36	ppb
Sodium	23-2	237057.09	237379.95	232767.15	235734.73	1.09	ppb
Strontium	86-1	12651.71	12135.15	12111.93	12299.60	2.48	ppb
Strontium	88-1	12718.37	12416.60	12200.15	12445.04	2.09	ppb
Sulfur	34-1	11774.86	11479.02	11408.23	11554.04	1.68	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	495.61	516.53	497.92	503.36	2.28	ppb
Thallium	205-1	493.78	524.33	502.52	506.88	3.10	ppb
Tin	118-1	504.17	500.27	507.00	503.81	0.67	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5103.52	4999.12	5019.33	5040.66	1.10	ppb
Uranium	238-1	520.41	526.63	519.43	522.16	0.75	ppb
Vanadium	51-2	487.36	479.78	473.93	480.36	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	5053.06	4956.54	4928.69	4979.43	1.31	ppb
Zirconium	90-1	508.74	506.35	507.68	507.59	0.24	ppb
Zirconium	91-1	504.05	491.16	495.34	496.85	1.32	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 14:06:17	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.71	0.78	0.71	8.98	ppb
Antimony	121-1	0.03	0.05	0.06	0.04	28.19	ppb
Arsenic	75-2	0.02	0.04	0.03	0.03	36.93	ppb
Barium	135-1	0.03	0.01	0.05	0.03	60.24	ppb
Barium	137-1	0.04	0.02	0.01	0.02	70.11	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	12.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	16.20	16.13	16.06	16.13	0.44	ppb
Boron	11-1	17.70	16.74	16.42	16.95	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.01	0.00	225.39	ppb
Cadmium	106-1	-1.98	-0.46	-1.54	-1.33		ppb
Cadmium	108-1	-0.06	0.03	0.08	0.02	457.45	ppb
Calcium	43-1	4.46	2.53	1.29	2.76	57.78	ppb
Calcium	44-1	5.35	2.39	2.35	3.36	51.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.02	0.03	56.52	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.38	0.32	0.37	0.36	8.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	2.69	5.41	3.39	3.83	36.86	ppb
Iron	56-2	2.95	2.91	2.93	2.93	0.68	ppb
Iron	57-2	1.75	2.73	2.38	2.29	21.82	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 14:06:17	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.00	0.01	84.34	ppb
Lead	207-1	0.04	0.02	0.00	0.02	86.70	ppb
Lead	208-1	0.05	0.02	0.01	0.02	77.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.85	3.01	1.81	2.22	30.55	ppb
Manganese	55-2	0.21	0.13	0.16	0.17	23.31	ppb
Molybdenum	94-1	0.27	0.09	0.18	0.18	47.58	ppb
Molybdenum	95-1	0.18	0.11	0.16	0.15	21.87	ppb
Molybdenum	96-1	0.21	0.10	0.09	0.13	52.08	ppb
Molybdenum	97-1	0.20	0.09	0.10	0.13	48.26	ppb
Molybdenum	98-1	0.16	0.11	0.14	0.14	20.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-10.52	-10.44	-13.05	-11.33		ppb
Potassium	39-2	11.71	18.21	12.11	14.01	26.01	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.15	0.17	0.21	37.24	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.82	0.13	0.19	0.38	99.70	ppb
Silicon	28-1	-4.77	-8.83	-8.06	-7.22		ppb
Silver	107-1	0.03	0.02	0.03	0.03	24.95	ppb
Silver	109-1	0.03	0.03	0.04	0.03	18.71	ppb
Sodium	23-2	45.01	46.20	44.60	45.27	1.84	ppb
Strontium	86-1	0.21	0.08	0.06	0.11	72.11	ppb
Strontium	88-1	0.21	0.10	0.08	0.13	54.84	ppb
Sulfur	34-1	-1553.28	-1969.26	-1661.06	-1727.87		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.00	0.02	99.06	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.19	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 14:06:17	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.03	0.02	0.10	134.06	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	49.37	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	53.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	0.06	0.11	0.26	0.15	72.38	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	28.11	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	488.59	ppb

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 09:58:54	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134	145	145	141	4.60	cps
Antimony	121-1	608	725	583	639	11.84	cps
Arsenic	75-2	32	16	17	22	41.37	cps
Barium	135-1	217	283	208	236	17.41	cps
Barium	137-1	383	567	400	450	22.53	cps
Beryllium	9-1	575	525	519	540	5.71	cps
Bismuth	209-1	6547757	6623199	6351529	6507495	2.16	cps
Bismuth	209-2	3465853	3519586	3557866	3514435	1.32	cps
Boron	10-1	2604	2698	2554	2618	2.79	cps
Boron	11-1	10462	10504	10832	10599	1.91	cps
Bromine	81-1	30003	30134	30324	30154	0.54	cps
Cadmium	111-1	1347	1119	1140	1202	10.47	cps
Cadmium	106-1	6085	5209	5209	5501	9.19	cps
Cadmium	108-1	29	33	50	38	29.40	cps
Calcium	43-1	177	157	171	169	6.06	cps
Calcium	44-1	11925	12181	11995	12034	1.10	cps
Carbon	12-1	4756528	4732483	4724283	4737765	0.35	cps
Carbon	12-2	56251	56484	57764	56833	1.43	cps
Chlorine	35-1	1043925	1018643	1015242	1025937	1.53	cps
Chlorine	35-2	7435	7335	7602	7458	1.81	cps
Chromium	52-2	873	837	950	887	6.52	cps
Cobalt	59-2	633	633	563	610	6.63	cps
Copper	63-2	1383	1427	1377	1396	1.95	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	50	92	92	78	30.93	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	125	83	133	114	23.52	cps
Gadolinium	160-2	173	187	180	180	3.70	cps
Holmium	165-1	9968989	9807664	9427349	9734667	2.86	cps
Holmium	165-2	4563485	4565147	4636411	4588348	0.91	cps
Indium	115-1	7812165	8119943	7526204	7819437	3.80	cps
Indium	115-2	1297469	1303541	1300518	1300509	0.23	cps
Iron	54-2	856	883	844	861	2.33	cps
Iron	56-2	6046	6518	6502	6355	4.22	cps
Iron	57-2	233	233	294	254	13.91	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 09:58:54	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	344	360	362	355	2.86	cps
Lead	206-1	1561	1650	1539	1583	3.71	cps
Lead	207-1	1350	1245	1233	1276	5.05	cps
Lead	208-1	6290	6351	6090	6243	2.19	cps
Lithium	6-1	4692457	4712113	4274461	4559677	5.42	cps
Magnesium	24-2	483	533	467	494	7.02	cps
Manganese	55-2	183	193	140	172	16.46	cps
Molybdenum	94-1	650	592	617	619	4.72	cps
Molybdenum	95-1	742	617	583	647	12.90	cps
Molybdenum	96-1	825	758	808	797	4.35	cps
Molybdenum	97-1	375	417	333	375	11.11	cps
Molybdenum	98-1	967	1108	1042	1039	6.82	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	167	157	193	172	11.01	cps
Phosphorus	31-2	117	142	167	142	17.65	cps
Potassium	39-2	22176	22042	22084	22101	0.31	cps
Rhodium	103-1	7594699	7836099	7545097	7658632	2.03	cps
Rhodium	103-2	3605613	3659242	3688611	3651155	1.15	cps
Scandium	45-1	5965187	5849120	5610741	5808349	3.11	cps
Scandium	45-2	208320	204704	205103	206042	0.96	cps
Selenium	82-1	4	-15	-18	-10	-121.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	53	63	57	8.95	cps
Silicon	28-1	665739	665428	669560	666909	0.35	cps
Silver	107-1	183	258	92	178	46.95	cps
Silver	109-1	83	108	133	108	23.08	cps
Sodium	23-2	11263	11738	11747	11583	2.39	cps
Strontium	86-1	692	508	700	633	17.10	cps
Strontium	88-1	1042	950	817	936	12.09	cps
Sulfur	34-1	438429	439680	441791	439967	0.39	cps
Terbium	159-1	9975577	10271879	9385691	9877716	4.57	cps
Terbium	159-2	4529494	4523180	4599240	4550638	0.93	cps
Thallium	203-1	858	850	900	870	3.08	cps
Thallium	205-1	1884	2309	2017	2070	10.50	cps
Tin	118-1	625	708	592	642	9.37	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 09:58:54	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	158	158	175	16.50	cps
Uranium	238-1	3351	3142	3242	3245	3.21	cps
Vanadium	51-2	130	100	143	124	17.84	cps
Ytterbium	172-1	17	33	25	25	33.32	cps
Ytterbium	172-2	28	6	33	22	66.13	cps
Ytterbium	176-1	2259	2309	2042	2203	6.44	cps
Ytterbium	176-2	11895	12673	12106	12224	3.29	cps
Yttrium	89-1	11501892	11742775	10758141	11334269	4.53	cps
Yttrium	89-2	1328948	1327845	1329633	1328809	0.07	cps
Zinc	66-2	257	180	247	228	18.30	cps
Zirconium	90-1	917	733	742	797	12.99	cps
Zirconium	91-1	183	142	117	147	22.88	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	74	61	97	53.69	cps
Antimony	121-1	42	17	8	22	78.07	cps
Arsenic	75-2	1	1	0	1	86.60	cps
Barium	135-1	58	8	17	28	96.44	cps
Barium	137-1	42	50	33	42	20.00	cps
Beryllium	9-1	47	23	39	36	34.99	cps
Bismuth	209-1	5407388	6539490	6756298	6234392	11.62	cps
Bismuth	209-2	3617789	3487102	3528772	3544554	1.88	cps
Boron	10-1	1732	1648	1676	1685	2.54	cps
Boron	11-1	7152	7072	6850	7025	2.23	cps
Bromine	81-1	30415	28007	29772	29398	4.24	cps
Cadmium	111-1	844	890	941	891	5.45	cps
Cadmium	106-1	4151	4434	4659	4415	5.77	cps
Cadmium	108-1	17	25	29	24	26.95	cps
Calcium	43-1	151	122	120	131	13.23	cps
Calcium	44-1	11299	10681	10724	10902	3.17	cps
Carbon	12-1	4711374	4749134	4746352	4735620	0.44	cps
Carbon	12-2	56977	55338	56417	56244	1.48	cps
Chlorine	35-1	931716	934445	908829	924997	1.52	cps
Chlorine	35-2	6868	6952	6277	6699	5.50	cps
Chromium	52-2	670	687	760	706	6.79	cps
Cobalt	59-2	97	67	113	92	25.64	cps
Copper	63-2	793	827	813	811	2.07	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	13	30	33	26	41.94	cps
Gadolinium	160-1	108	67	100	92	24.05	cps
Gadolinium	160-2	197	103	200	167	32.92	cps
Holmium	165-1	8246306	9953307	10022963	9407525	10.70	cps
Holmium	165-2	4687208	4773175	4634490	4698291	1.49	cps
Indium	115-1	6519394	7955459	7944562	7473138	11.05	cps
Indium	115-2	1320637	1322615	1325310	1322854	0.18	cps
Iron	54-2	650	678	644	657	2.72	cps
Iron	56-2	3017	2911	2900	2943	2.19	cps
Iron	57-2	139	128	111	126	11.10	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	357	362	341	354	3.14	cps
Lead	206-1	672	717	700	696	3.22	cps
Lead	207-1	689	544	556	596	13.48	cps
Lead	208-1	2850	2717	2656	2741	3.63	cps
Lithium	6-1	4135926	4881344	4791804	4603025	8.84	cps
Magnesium	24-2	208	292	192	231	23.24	cps
Manganese	55-2	30	27	47	34	31.11	cps
Molybdenum	94-1	142	208	250	200	27.32	cps
Molybdenum	95-1	17	8	17	14	34.67	cps
Molybdenum	96-1	142	142	150	144	3.33	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	67	83	67	72	13.33	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	43	23	40	36	30.14	cps
Phosphorus	31-2	108	125	58	97	35.68	cps
Potassium	39-2	21041	20674	21049	20921	1.02	cps
Rhodium	103-1	6522826	7720739	7898931	7380832	10.14	cps
Rhodium	103-2	3773552	3755052	3721079	3749894	0.71	cps
Scandium	45-1	4825204	5940949	5955391	5573848	11.63	cps
Scandium	45-2	214484	208076	211358	211306	1.52	cps
Selenium	82-1	-16	-25	-23	-21	-21.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	47	38	45	13.89	cps
Silicon	28-1	667408	661479	660665	663184	0.55	cps
Silver	107-1	108	142	92	114	22.35	cps
Silver	109-1	33	92	83	69	45.44	cps
Sodium	23-2	11029	10863	11146	11013	1.29	cps
Strontium	86-1	592	550	492	544	9.23	cps
Strontium	88-1	825	275	283	461	68.35	cps
Sulfur	34-1	414853	409765	412427	412348	0.62	cps
Terbium	159-1	8456511	9997463	10409360	9621111	10.70	cps
Terbium	159-2	4581356	4675957	4609258	4622191	1.05	cps
Thallium	203-1	417	308	317	347	17.36	cps
Thallium	205-1	817	742	583	714	16.69	cps
Tin	118-1	467	442	358	422	13.43	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:33:45	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	125	150	136	9.35	cps
Uranium	238-1	58	42	50	50	16.67	cps
Vanadium	51-2	10	13	20	14	35.26	cps
Ytterbium	172-1	67	25	42	44	47.19	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1567	1792	1925	1761	10.28	cps
Ytterbium	176-2	11772	12762	12373	12302	4.05	cps
Yttrium	89-1	9602985	11549999	11822543	10991843	11.01	cps
Yttrium	89-2	1392218	1396082	1396795	1395032	0.18	cps
Zinc	66-2	217	187	260	221	16.68	cps
Zirconium	90-1	600	783	675	686	13.43	cps
Zirconium	91-1	108	150	150	136	17.67	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295	1336	1279	1303	2.27	cps
Antimony	121-1	10521	10438	10596	10518	0.75	cps
Arsenic	75-2	183	175	178	179	2.26	cps
Barium	135-1	12740	12306	12289	12445	2.05	cps
Barium	137-1	22327	21768	21501	21865	1.93	cps
Beryllium	9-1	2981	3037	2807	2942	4.08	cps
Bismuth	209-1	6895241	6827108	6556416	6759588	2.65	cps
Bismuth	209-2	3588162	3710866	3684216	3661081	1.76	cps
Boron	10-1	9409	10392	10650	10150	6.45	cps
Boron	11-1	39234	42958	44855	42349	6.75	cps
Bromine	81-1	28950	30053	28579	29194	2.63	cps
Cadmium	111-1	2465	2387	2496	2449	2.28	cps
Cadmium	106-1	4534	4876	4818	4743	3.85	cps
Cadmium	108-1	158	146	129	144	10.13	cps
Calcium	43-1	10505	10427	10555	10496	0.61	cps
Calcium	44-1	176996	176841	175950	176596	0.32	cps
Carbon	12-1	4820325	4855798	4902806	4859643	0.85	cps
Carbon	12-2	58960	58475	57505	58313	1.27	cps
Chlorine	35-1	919249	910491	909643	913128	0.58	cps
Chlorine	35-2	7010	6502	6743	6752	3.77	cps
Chromium	52-2	4354	4371	4071	4265	3.95	cps
Cobalt	59-2	3267	3054	3200	3174	3.44	cps
Copper	63-2	6235	6008	6011	6085	2.14	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	92	83	81	15.80	cps
Erbium	164-2	33	30	20	28	24.98	cps
Gadolinium	160-1	92	58	108	86	29.56	cps
Gadolinium	160-2	183	190	183	186	2.07	cps
Holmium	165-1	9806072	10106275	9638923	9850423	2.40	cps
Holmium	165-2	4831397	4935134	4825338	4863956	1.27	cps
Indium	115-1	8142719	7971122	8104405	8072748	1.12	cps
Indium	115-2	1305852	1388692	1379843	1358129	3.35	cps
Iron	54-2	4951	4729	5123	4934	4.01	cps
Iron	56-2	79326	77733	75990	77683	2.15	cps
Iron	57-2	1900	2089	2128	2039	5.98	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	325	327	344	332	3.07	cps
Lead	206-1	5490	5101	5079	5223	4.43	cps
Lead	207-1	4512	4501	4590	4534	1.07	cps
Lead	208-1	22058	20573	20868	21166	3.71	cps
Lithium	6-1	4958395	5078004	4765741	4934047	3.19	cps
Magnesium	24-2	85996	81595	80363	82651	3.58	cps
Manganese	55-2	1143	1020	1143	1102	6.46	cps
Molybdenum	94-1	12056	13006	13766	12942	6.62	cps
Molybdenum	95-1	14875	15876	15200	15317	3.33	cps
Molybdenum	96-1	17353	16786	17328	17156	1.87	cps
Molybdenum	97-1	9112	9487	9895	9498	4.13	cps
Molybdenum	98-1	24047	24322	24038	24136	0.67	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	977	923	810	903	9.42	cps
Phosphorus	31-2	142	275	200	206	32.52	cps
Potassium	39-2	75456	75699	76570	75908	0.77	cps
Rhodium	103-1	8090045	7889123	8031081	8003417	1.29	cps
Rhodium	103-2	3653693	3878167	3870220	3800693	3.35	cps
Scandium	45-1	5922634	6149435	6149211	6073760	2.15	cps
Scandium	45-2	216201	217007	215049	216086	0.46	cps
Selenium	82-1	670	739	684	697	5.22	cps
Selenium	77-2	17	50	20	29	63.54	cps
Selenium	78-2	129	140	140	136	4.66	cps
Silicon	28-1	723929	731373	733670	729657	0.70	cps
Silver	107-1	7919	8261	8219	8133	2.29	cps
Silver	109-1	7927	7561	7919	7802	2.68	cps
Sodium	23-2	158608	158700	156941	158083	0.63	cps
Strontium	86-1	2667	2667	2542	2625	2.75	cps
Strontium	88-1	17453	16585	16360	16799	3.43	cps
Sulfur	34-1	414900	415948	418092	416313	0.39	cps
Terbium	159-1	10173656	10554292	10069811	10265920	2.48	cps
Terbium	159-2	4609386	4873388	4814993	4765922	2.91	cps
Thallium	203-1	5668	5802	6335	5935	5.95	cps
Thallium	205-1	13532	13966	14025	13841	1.94	cps
Tin	118-1	23963	23571	23713	23749	0.84	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:39:50	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5009	5043	5301	5118	3.12	cps
Uranium	238-1	17938	18255	18072	18088	0.88	cps
Vanadium	51-2	6668	6935	6695	6766	2.17	cps
Ytterbium	172-1	42	8	42	31	62.99	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	1884	2150	1775	1936	9.97	cps
Ytterbium	176-2	11906	13118	13240	12755	5.78	cps
Yttrium	89-1	11988115	11744354	11903676	11878715	1.04	cps
Yttrium	89-2	1346290	1458673	1420672	1408545	4.06	cps
Zinc	66-2	907	840	950	899	6.16	cps
Zirconium	90-1	10621	10913	10179	10571	3.50	cps
Zirconium	91-1	2050	2525	2359	2311	10.43	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74537	71686	70994	72406	2.59	cps
Antimony	121-1	287942	301104	291162	293403	2.34	cps
Arsenic	75-2	9944	9767	9719	9810	1.20	cps
Barium	135-1	362920	384394	380112	375809	3.02	cps
Barium	137-1	627315	654512	664105	648644	2.94	cps
Beryllium	9-1	160511	162556	160661	161242	0.71	cps
Bismuth	209-1	6774983	6567497	6691801	6678094	1.56	cps
Bismuth	209-2	4058042	3876954	3577972	3837656	6.32	cps
Boron	10-1	20204	22174	22897	21758	6.41	cps
Boron	11-1	86046	91360	95004	90803	4.96	cps
Bromine	81-1	26984	28559	28769	28104	3.47	cps
Cadmium	111-1	88754	93470	93790	92005	3.06	cps
Cadmium	106-1	14750	14975	14650	14792	1.13	cps
Cadmium	108-1	7444	7173	7398	7338	1.98	cps
Calcium	43-1	136629	137232	137293	137052	0.27	cps
Calcium	44-1	2098111	2182499	2086942	2122517	2.46	cps
Carbon	12-1	5312937	5564416	5625016	5500790	3.01	cps
Carbon	12-2	70268	69766	70344	70126	0.45	cps
Chlorine	35-1	947871	937934	932472	939426	0.83	cps
Chlorine	35-2	6802	6652	6727	6727	1.12	cps
Chromium	52-2	104422	101940	101060	102474	1.70	cps
Cobalt	59-2	184565	181156	183400	183040	0.95	cps
Copper	63-2	1517112	1434515	1481712	1477780	2.80	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	23	27	43	31	34.44	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	197	213	173	194	10.33	cps
Holmium	165-1	9972968	10442745	10213012	10209575	2.30	cps
Holmium	165-2	5497225	5195786	4798444	5163818	6.79	cps
Indium	115-1	8046135	7961447	8227294	8078292	1.68	cps
Indium	115-2	1578618	1524167	1384671	1495819	6.69	cps
Iron	54-2	250527	241786	238947	243753	2.48	cps
Iron	56-2	4744860	4433860	4499150	4559290	3.60	cps
Iron	57-2	112200	106730	110178	109703	2.52	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	334	379	342	9.90	cps
Lead	206-1	1378388	1368180	1406507	1384359	1.43	cps
Lead	207-1	1223680	1225137	1247412	1232076	1.08	cps
Lead	208-1	5824853	5712937	5850467	5796086	1.26	cps
Lithium	6-1	4906572	4989706	4820945	4905741	1.72	cps
Magnesium	24-2	1020440	994753	976808	997334	2.20	cps
Manganese	55-2	564355	553504	555711	557857	1.03	cps
Molybdenum	94-1	1253535	1272700	1281289	1269175	1.12	cps
Molybdenum	95-1	1879989	1861111	1824345	1855148	1.53	cps
Molybdenum	96-1	2036966	2078004	2073000	2062656	1.09	cps
Molybdenum	97-1	1128502	1158170	1168965	1151879	1.82	cps
Molybdenum	98-1	2949782	3004395	2991773	2981984	0.96	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	52062	50707	50713	51161	1.53	cps
Phosphorus	31-2	4259	4134	4092	4162	2.08	cps
Potassium	39-2	343874	333572	332382	336609	1.88	cps
Rhodium	103-1	8223376	8258857	8264694	8248976	0.27	cps
Rhodium	103-2	4257242	4040557	3772380	4023393	6.04	cps
Scandium	45-1	6104608	6140046	5977412	6074022	1.41	cps
Scandium	45-2	241520	230376	213944	228613	6.07	cps
Selenium	82-1	7904	8099	8114	8039	1.46	cps
Selenium	77-2	267	247	243	252	5.00	cps
Selenium	78-2	951	941	903	932	2.72	cps
Silicon	28-1	1088645	1132399	1180626	1133890	4.06	cps
Silver	107-1	472957	471550	466035	470181	0.78	cps
Silver	109-1	451944	460983	456674	456533	0.99	cps
Sodium	23-2	1795103	1779697	1770389	1781730	0.70	cps
Strontium	86-1	2851290	2729191	2787190	2789224	2.19	cps
Strontium	88-1	23347697	23787722	24057763	23731061	1.51	cps
Sulfur	34-1	471491	466490	469706	469229	0.54	cps
Terbium	159-1	10329250	10150265	10173837	10217784	0.95	cps
Terbium	159-2	5320314	5158558	4797419	5092097	5.26	cps
Thallium	203-1	319877	337456	336237	331190	2.96	cps
Thallium	205-1	775397	799157	800416	791657	1.78	cps
Tin	118-1	271837	277404	280824	276688	1.64	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:42:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	582387	571523	583197	579036	1.13	cps
Uranium	238-1	1083143	1085791	1101905	1090280	0.93	cps
Vanadium	51-2	81407	78484	78749	79546	2.03	cps
Ytterbium	172-1	8	42	58	36	70.51	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	3234	3459	3267	3320	3.66	cps
Ytterbium	176-2	14292	13908	13585	13928	2.54	cps
Yttrium	89-1	12197222	11704749	11854861	11918944	2.12	cps
Yttrium	89-2	1594543	1573436	1437995	1535325	5.53	cps
Zinc	66-2	201860	200832	201166	201286	0.26	cps
Zirconium	90-1	602374	599255	599909	600512	0.27	cps
Zirconium	91-1	132471	131285	134790	132849	1.34	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178618	169973	168481	172357	3.18	cps
Antimony	121-1	729735	724601	728714	727684	0.37	cps
Arsenic	75-2	25020	23701	23540	24087	3.37	cps
Barium	135-1	932397	907699	945000	928365	2.04	cps
Barium	137-1	1582181	1563794	1617335	1587770	1.71	cps
Beryllium	9-1	395033	384911	390584	390176	1.30	cps
Bismuth	209-1	5447728	8067058	6708199	6740995	19.43	cps
Bismuth	209-2	3701641	3634208	3595988	3643946	1.47	cps
Boron	10-1	48869	49411	53386	50555	4.88	cps
Boron	11-1	202609	210218	220267	211031	4.20	cps
Bromine	81-1	27897	26031	28569	27499	4.78	cps
Cadmium	111-1	226518	225326	223530	225125	0.67	cps
Cadmium	106-1	29181	30351	30092	29875	2.06	cps
Cadmium	108-1	18354	17912	17899	18055	1.43	cps
Calcium	43-1	339548	327314	333676	333513	1.83	cps
Calcium	44-1	5264823	5110319	5035689	5136944	2.27	cps
Carbon	12-1	5292959	5529300	5615670	5479310	3.05	cps
Carbon	12-2	68653	68921	69741	69105	0.82	cps
Chlorine	35-1	907764	910888	893958	904203	1.00	cps
Chlorine	35-2	6618	6318	6068	6335	4.35	cps
Chromium	52-2	261169	252249	240158	251192	4.20	cps
Cobalt	59-2	453969	441416	432654	442680	2.42	cps
Copper	63-2	3756529	3599020	3531272	3628940	3.18	cps
Dysprosium	156-1	67	25	58	50	44.10	cps
Dysprosium	156-2	30	43	23	32	31.61	cps
Erbium	164-1	92	83	92	89	5.41	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	83	142	150	125	29.06	cps
Gadolinium	160-2	207	163	193	188	11.82	cps
Holmium	165-1	7825746	12136180	10200567	10054165	21.47	cps
Holmium	165-2	4896232	4944610	4894459	4911767	0.58	cps
Indium	115-1	6633782	9625648	8237587	8165673	18.34	cps
Indium	115-2	1355439	1357216	1350140	1354265	0.27	cps
Iron	54-2	611054	605390	586922	601122	2.10	cps
Iron	56-2	11495412	10931845	10802923	11076727	3.32	cps
Iron	57-2	276438	267241	261627	268435	2.79	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	322	276	324	307	8.80	cps
Lead	206-1	3624555	3590098	3631927	3615527	0.62	cps
Lead	207-1	3206477	3181485	3259370	3215777	1.24	cps
Lead	208-1	14691139	14353479	14625585	14556734	1.23	cps
Lithium	6-1	3969450	5802461	4884912	4885608	18.76	cps
Magnesium	24-2	2491125	2423536	2333543	2416068	3.27	cps
Manganese	55-2	1488978	1448847	1363213	1433679	4.48	cps
Molybdenum	94-1	3198032	3073377	3073266	3114892	2.31	cps
Molybdenum	95-1	4635971	4451553	4559092	4548872	2.04	cps
Molybdenum	96-1	5012762	4942259	4968454	4974492	0.72	cps
Molybdenum	97-1	2831128	2827847	2834634	2831203	0.12	cps
Molybdenum	98-1	7337216	7069400	7229031	7211882	1.87	cps
Neodymium	150-1	133	47	60	80	58.33	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	127463	125818	121635	124972	2.40	cps
Phosphorus	31-2	10771	9970	10187	10309	4.02	cps
Potassium	39-2	807596	783481	768931	786669	2.48	cps
Rhodium	103-1	6423982	9650128	7928558	8000889	20.18	cps
Rhodium	103-2	3773395	3781726	3780046	3778389	0.12	cps
Scandium	45-1	4968947	7234964	6045255	6083055	18.63	cps
Scandium	45-2	208676	210191	206704	208523	0.84	cps
Selenium	82-1	20074	19075	19942	19697	2.76	cps
Selenium	77-2	747	710	647	701	7.22	cps
Selenium	78-2	2296	2244	2188	2243	2.41	cps
Silicon	28-1	1610663	1724244	1869650	1734852	7.48	cps
Silver	107-1	1159462	1122366	1134551	1138793	1.66	cps
Silver	109-1	1144681	1102282	1100109	1115691	2.25	cps
Sodium	23-2	4247567	4224041	4027674	4166427	2.90	cps
Strontium	86-1	6881296	6648598	6866428	6798774	1.92	cps
Strontium	88-1	59188024	56292035	59483866	58321308	3.02	cps
Sulfur	34-1	534286	532007	534480	533591	0.26	cps
Terbium	159-1	8374715	12902719	10408543	10561993	21.47	cps
Terbium	159-2	4829190	4833917	4740758	4801288	1.09	cps
Thallium	203-1	806058	799646	818212	807972	1.17	cps
Thallium	205-1	2062461	2000913	1978249	2013874	2.16	cps
Tin	118-1	687235	665026	679668	677309	1.67	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:45:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1452466	1413716	1417658	1427946	1.49	cps
Uranium	238-1	2871836	2753234	2870303	2831791	2.40	cps
Vanadium	51-2	205542	195859	189242	196881	4.16	cps
Ytterbium	172-1	67	50	50	56	17.32	cps
Ytterbium	172-2	33	39	11	28	52.92	cps
Ytterbium	176-1	4434	5335	5134	4968	9.52	cps
Ytterbium	176-2	14152	14258	13969	14126	1.04	cps
Yttrium	89-1	9771485	14120125	11930929	11940846	18.21	cps
Yttrium	89-2	1392486	1378129	1372993	1381203	0.73	cps
Zinc	66-2	462196	449408	442452	451352	2.22	cps
Zirconium	90-1	1495970	1468578	1482716	1482421	0.92	cps
Zirconium	91-1	325209	320985	328477	324890	1.16	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345325	334335	330167	336609	2.33	cps
Antimony	121-1	1439602	1475605	1487311	1467506	1.69	cps
Arsenic	75-2	48294	46803	46061	47053	2.42	cps
Barium	135-1	1877097	1941850	1926689	1915212	1.77	cps
Barium	137-1	3188284	3239435	3274317	3234012	1.34	cps
Beryllium	9-1	753954	754776	750102	752944	0.33	cps
Bismuth	209-1	6343966	6615147	6784951	6581355	3.38	cps
Bismuth	209-2	3590863	3560902	3567012	3572926	0.44	cps
Boron	10-1	92990	97517	103262	97923	5.26	cps
Boron	11-1	384128	406343	424306	404926	4.97	cps
Bromine	81-1	27235	27736	26272	27081	2.75	cps
Cadmium	111-1	435312	451613	442028	442984	1.85	cps
Cadmium	106-1	54199	53915	55019	54378	1.05	cps
Cadmium	108-1	35153	35525	36778	35819	2.38	cps
Calcium	43-1	649014	655168	658792	654325	0.76	cps
Calcium	44-1	10270968	10268994	10238631	10259531	0.18	cps
Carbon	12-1	5304005	5558071	5639739	5500605	3.18	cps
Carbon	12-2	68895	71165	71524	70528	2.02	cps
Chlorine	35-1	880498	873981	869828	874769	0.61	cps
Chlorine	35-2	6252	6460	6510	6407	2.14	cps
Chromium	52-2	503910	488639	477620	490056	2.69	cps
Cobalt	59-2	904605	869529	859705	877946	2.69	cps
Copper	63-2	7279583	7035734	7077244	7130854	1.83	cps
Dysprosium	156-1	67	117	75	86	31.11	cps
Dysprosium	156-2	33	40	53	42	24.12	cps
Erbium	164-1	100	67	58	75	29.40	cps
Erbium	164-2	10	40	47	32	60.62	cps
Gadolinium	160-1	100	175	200	158	32.87	cps
Gadolinium	160-2	203	213	203	207	2.79	cps
Holmium	165-1	10211420	10348453	10326621	10295498	0.72	cps
Holmium	165-2	4872275	4895937	5038889	4935700	1.83	cps
Indium	115-1	7597347	8144267	8123159	7954924	3.90	cps
Indium	115-2	1354198	1351689	1338114	1348000	0.64	cps
Iron	54-2	1203865	1174692	1158446	1179001	1.95	cps
Iron	56-2	22129260	21579132	21162930	21623774	2.24	cps
Iron	57-2	539720	529621	517782	529041	2.08	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	300	341	330	324	6.59	cps
Lead	206-1	7051786	7349799	7199730	7200438	2.07	cps
Lead	207-1	6199045	6371673	6241740	6270820	1.43	cps
Lead	208-1	27963645	28735129	28773931	28490902	1.60	cps
Lithium	6-1	4653237	4821727	4754943	4743302	1.79	cps
Magnesium	24-2	4771814	4730633	4692954	4731800	0.83	cps
Manganese	55-2	2855089	2785116	2678917	2773040	3.20	cps
Molybdenum	94-1	6130490	6045071	6168197	6114586	1.03	cps
Molybdenum	95-1	9081467	8739423	8918009	8912966	1.92	cps
Molybdenum	96-1	9854660	9796615	9974024	9875099	0.92	cps
Molybdenum	97-1	5576914	5630213	5546599	5584575	0.76	cps
Molybdenum	98-1	14343053	14424923	14307657	14358544	0.42	cps
Neodymium	150-1	113	213	140	156	33.29	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	249621	239508	242704	243944	2.12	cps
Phosphorus	31-2	19906	19397	18913	19405	2.56	cps
Potassium	39-2	1560507	1577279	1584622	1574136	0.79	cps
Rhodium	103-1	7774722	7813335	7936363	7841473	1.08	cps
Rhodium	103-2	3779888	3723162	3593536	3698862	2.58	cps
Scandium	45-1	5945174	5904094	6211468	6020245	2.77	cps
Scandium	45-2	206563	206328	205673	206188	0.22	cps
Selenium	82-1	38495	38911	38808	38738	0.56	cps
Selenium	77-2	1253	1123	1273	1217	6.69	cps
Selenium	78-2	4400	4149	4183	4244	3.21	cps
Silicon	28-1	2400836	2627568	2722136	2583513	6.39	cps
Silver	107-1	2268001	2399014	2369632	2345549	2.93	cps
Silver	109-1	2112936	2205434	2241407	2186592	3.03	cps
Sodium	23-2	8518765	8237640	8308121	8354842	1.75	cps
Strontium	86-1	13512540	13500126	13441146	13484604	0.28	cps
Strontium	88-1	116295044	116696278	117296211	116762511	0.43	cps
Sulfur	34-1	638064	627715	631308	632362	0.83	cps
Terbium	159-1	10364753	10586894	10643922	10531856	1.40	cps
Terbium	159-2	4829628	4745046	4852749	4809141	1.18	cps
Thallium	203-1	1590355	1707063	1714621	1670680	4.17	cps
Thallium	205-1	3928694	4067042	3978546	3991427	1.76	cps
Tin	118-1	1308007	1356714	1355941	1340221	2.08	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:48:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2718511	2751026	2776488	2748675	1.06	cps
Uranium	238-1	5383169	5495879	5415495	5431514	1.07	cps
Vanadium	51-2	393979	386047	376874	385633	2.22	cps
Ytterbium	172-1	108	108	75	97	19.80	cps
Ytterbium	172-2	28	50	33	37	31.22	cps
Ytterbium	176-1	7944	8144	8294	8128	2.16	cps
Ytterbium	176-2	15259	15398	16377	15678	3.89	cps
Yttrium	89-1	11742199	11753646	12097372	11864406	1.70	cps
Yttrium	89-2	1411204	1419297	1390115	1406872	1.07	cps
Zinc	66-2	905050	881530	877526	888035	1.67	cps
Zirconium	90-1	2916743	2913037	2999922	2943234	1.67	cps
Zirconium	91-1	653485	652957	651306	652582	0.17	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687630	655818	645619	663022	3.30	cps
Antimony	121-1	2862802	2865287	2893166	2873752	0.59	cps
Arsenic	75-2	94903	93965	91398	93422	1.94	cps
Barium	135-1	3728792	3707888	3676321	3704334	0.71	cps
Barium	137-1	6312838	6375710	6399816	6362788	0.71	cps
Beryllium	9-1	1410837	1442039	1436296	1429724	1.16	cps
Bismuth	209-1	6687970	7007368	6515079	6736806	3.71	cps
Bismuth	209-2	3761702	3679801	3557373	3666292	2.80	cps
Boron	10-1	175098	189162	193715	185992	5.22	cps
Boron	11-1	735647	779636	803447	772910	4.45	cps
Bromine	81-1	27535	29452	27766	28251	3.70	cps
Cadmium	111-1	838243	860637	845774	848218	1.34	cps
Cadmium	106-1	98006	101431	104059	101165	3.00	cps
Cadmium	108-1	67594	68909	68453	68318	0.98	cps
Calcium	43-1	1251536	1334390	1357348	1314425	4.23	cps
Calcium	44-1	19336444	19694247	19321552	19450748	1.08	cps
Carbon	12-1	5619420	5816888	5927888	5788065	2.70	cps
Carbon	12-2	73744	72939	73443	73375	0.55	cps
Chlorine	35-1	840360	832497	825270	832709	0.91	cps
Chlorine	35-2	5535	6051	5718	5768	4.54	cps
Chromium	52-2	985760	951650	951009	962806	2.06	cps
Cobalt	59-2	1801998	1746560	1767467	1772008	1.58	cps
Copper	63-2	13944296	13930500	13461255	13778683	2.00	cps
Dysprosium	156-1	150	183	117	150	22.22	cps
Dysprosium	156-2	107	87	130	108	20.12	cps
Erbium	164-1	117	50	58	75	48.44	cps
Erbium	164-2	17	37	30	28	36.66	cps
Gadolinium	160-1	267	275	217	253	12.48	cps
Gadolinium	160-2	223	307	257	262	15.99	cps
Holmium	165-1	10445838	10977692	10411399	10611643	2.99	cps
Holmium	165-2	5063086	5047238	4949117	5019814	1.23	cps
Indium	115-1	7839513	8729255	8010331	8193033	5.76	cps
Indium	115-2	1375822	1378815	1364016	1372884	0.57	cps
Iron	54-2	2370248	2401127	2429844	2400406	1.24	cps
Iron	56-2	42074291	41059587	41991088	41708322	1.35	cps
Iron	57-2	1051022	1022700	1020384	1031368	1.65	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	331	385	374	363	7.80	cps
Lead	206-1	13890094	14156053	13513768	13853305	2.33	cps
Lead	207-1	11985734	12130954	12189525	12102071	0.87	cps
Lead	208-1	54680481	55978292	55545879	55401551	1.19	cps
Lithium	6-1	4499542	4844660	4648511	4664238	3.71	cps
Magnesium	24-2	9450196	8983174	8629239	9020869	4.56	cps
Manganese	55-2	5506310	5435642	5401659	5447870	0.98	cps
Molybdenum	94-1	11852064	12221154	12085587	12052935	1.55	cps
Molybdenum	95-1	17259145	17724242	17748521	17577303	1.57	cps
Molybdenum	96-1	18738001	19242623	18689773	18890133	1.62	cps
Molybdenum	97-1	10698641	10745121	10893974	10779245	0.95	cps
Molybdenum	98-1	27558929	28016557	28088373	27887953	1.03	cps
Neodymium	150-1	380	447	333	387	14.73	cps
Neodymium	150-2	20	23	10	18	39.03	cps
Nickel	60-2	489590	471715	464121	475142	2.75	cps
Phosphorus	31-2	39964	38644	37608	38739	3.05	cps
Potassium	39-2	3060432	3001258	2946596	3002762	1.90	cps
Rhodium	103-1	7774482	8106254	7896038	7925591	2.12	cps
Rhodium	103-2	3722602	3769492	3717561	3736551	0.77	cps
Scandium	45-1	5946451	6362383	5791227	6033354	4.89	cps
Scandium	45-2	209652	209197	212358	210402	0.81	cps
Selenium	82-1	73626	74925	75454	74668	1.26	cps
Selenium	77-2	2637	2627	2494	2586	3.10	cps
Selenium	78-2	8608	8301	8172	8360	2.67	cps
Silicon	28-1	4068299	4675289	4914933	4552840	9.59	cps
Silver	107-1	4337328	4528157	4437792	4434426	2.15	cps
Silver	109-1	4252107	4220670	4203903	4225560	0.58	cps
Sodium	23-2	16524815	15987006	15677494	16063105	2.67	cps
Strontium	86-1	26796357	26577465	26750479	26708100	0.43	cps
Strontium	88-1	229958405	228908472	229316988	229394622	0.23	cps
Sulfur	34-1	844825	853561	847740	848709	0.52	cps
Terbium	159-1	10297790	11129817	10535362	10654323	4.02	cps
Terbium	159-2	4909429	4910688	4959686	4926601	0.58	cps
Thallium	203-1	3214020	3249209	3206782	3223337	0.70	cps
Thallium	205-1	7802497	7720630	7582607	7701911	1.44	cps
Tin	118-1	2571781	2687784	2715889	2658485	2.87	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 10:51:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5277195	5470237	5475201	5407544	2.09	cps
Uranium	238-1	10635444	10767460	10677105	10693336	0.63	cps
Vanadium	51-2	783143	748811	748039	759998	2.64	cps
Ytterbium	172-1	117	125	125	122	3.93	cps
Ytterbium	172-2	33	44	33	37	17.33	cps
Ytterbium	176-1	14033	13908	13949	13963	0.46	cps
Ytterbium	176-2	18446	18536	18730	18571	0.78	cps
Yttrium	89-1	11819977	12789611	11750242	12119943	4.79	cps
Yttrium	89-2	1447292	1424147	1457193	1442877	1.18	cps
Zinc	66-2	1805878	1781688	1724605	1770723	2.36	cps
Zirconium	90-1	5588480	5833898	5706675	5709685	2.15	cps
Zirconium	91-1	1250319	1299126	1262557	1270668	2.00	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1415300	1403808	1352772	1390627	2.39	cps
Antimony	121-1	5769042	5962586	5818115	5849914	1.72	cps
Arsenic	75-2	194867	194648	188342	192619	1.92	cps
Barium	135-1	7443990	7679635	7708607	7610744	1.91	cps
Barium	137-1	12389304	13107431	13271048	12922594	3.63	cps
Beryllium	9-1	2721258	2742898	2813388	2759181	1.75	cps
Bismuth	209-1	6768416	6827753	6975647	6857272	1.56	cps
Bismuth	209-2	3603419	3529777	3645010	3592736	1.62	cps
Boron	10-1	354525	382456	401576	379519	6.23	cps
Boron	11-1	1417400	1549625	1550272	1505766	5.08	cps
Bromine	81-1	30605	31087	31518	31070	1.47	cps
Cadmium	111-1	1694212	1733792	1712890	1713631	1.16	cps
Cadmium	106-1	197505	196052	194269	195942	0.83	cps
Cadmium	108-1	134209	137329	138224	136588	1.54	cps
Calcium	43-1	2591502	2757216	2723570	2690763	3.26	cps
Calcium	44-1	40394370	40455883	40829890	40560048	0.58	cps
Carbon	12-1	6425828	6640898	6996586	6687771	4.31	cps
Carbon	12-2	82657	82901	81744	82434	0.74	cps
Chlorine	35-1	792402	781529	778725	784219	0.92	cps
Chlorine	35-2	5810	5643	5751	5735	1.48	cps
Chromium	52-2	2172069	2147343	2023251	2114221	3.77	cps
Cobalt	59-2	3808292	3708653	3627614	3714853	2.44	cps
Copper	63-2	29298499	28875402	26739580	28304494	4.85	cps
Dysprosium	156-1	367	433	367	389	9.90	cps
Dysprosium	156-2	210	243	150	201	23.52	cps
Erbium	164-1	133	100	75	103	28.48	cps
Erbium	164-2	67	33	47	49	34.32	cps
Gadolinium	160-1	508	450	392	450	12.96	cps
Gadolinium	160-2	363	353	337	351	3.84	cps
Holmium	165-1	10794173	11006271	11313474	11037973	2.37	cps
Holmium	165-2	5185701	5187363	5324386	5232483	1.52	cps
Indium	115-1	8404848	8361444	8545976	8437423	1.14	cps
Indium	115-2	1387743	1403425	1414511	1401893	0.96	cps
Iron	54-2	5081954	4898251	4858776	4946327	2.41	cps
Iron	56-2	91250080	88731274	87835833	89272396	1.98	cps
Iron	57-2	2327885	2274633	2285037	2295851	1.23	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	382	361	325	356	8.16	cps
Lead	206-1	27573028	28548856	27656945	27926276	1.94	cps
Lead	207-1	24353782	24345785	24341286	24346951	0.03	cps
Lead	208-1	111196806	112311821	112106007	111871545	0.53	cps
Lithium	6-1	4629627	4633998	4588070	4617232	0.55	cps
Magnesium	24-2	19251051	19030386	18010302	18763913	3.53	cps
Manganese	55-2	11504151	11310806	10973076	11262677	2.39	cps
Molybdenum	94-1	24200550	24900098	25184440	24761696	2.04	cps
Molybdenum	95-1	35504695	35932577	36724494	36053922	1.72	cps
Molybdenum	96-1	39267637	39060598	40251397	39526544	1.61	cps
Molybdenum	97-1	22483543	22272427	22537963	22431311	0.63	cps
Molybdenum	98-1	57605835	58768280	58806614	58393576	1.17	cps
Neodymium	150-1	687	660	753	700	6.87	cps
Neodymium	150-2	60	40	47	49	20.83	cps
Nickel	60-2	995354	978812	956320	976829	2.01	cps
Phosphorus	31-2	79452	77825	76209	77829	2.08	cps
Potassium	39-2	6342053	6226840	6056993	6208629	2.31	cps
Rhodium	103-1	8336204	8147896	8103892	8195997	1.51	cps
Rhodium	103-2	3836317	3741820	3885693	3821277	1.91	cps
Scandium	45-1	6432318	6331100	6426438	6396619	0.89	cps
Scandium	45-2	221925	219360	223989	221758	1.05	cps
Selenium	82-1	147858	150656	151306	149940	1.22	cps
Selenium	77-2	4974	4851	5041	4955	1.95	cps
Selenium	78-2	17511	17303	16981	17265	1.55	cps
Silicon	28-1	7631786	8813949	9418282	8621339	10.54	cps
Silver	107-1	8744249	8914521	8607297	8755355	1.76	cps
Silver	109-1	8235291	8495803	8607938	8446344	2.26	cps
Sodium	23-2	33738922	33418176	32089664	33082254	2.64	cps
Strontium	86-1	52610810	55153510	55632578	54465632	2.98	cps
Strontium	88-1	458724144	474764277	474460494	469316305	1.95	cps
Sulfur	34-1	1129319	1148974	1138776	1139023	0.86	cps
Terbium	159-1	11100642	11412865	11232048	11248518	1.39	cps
Terbium	159-2	4965306	5026913	5052516	5014912	0.89	cps
Thallium	203-1	6497956	6609450	6697903	6601770	1.52	cps
Thallium	205-1	15125805	15611853	15508182	15415280	1.66	cps
Tin	118-1	5187275	5401401	5336085	5308253	2.07	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:00:50	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10684616	10910915	11080022	10891851	1.82	cps
Uranium	238-1	21582211	21289278	22253665	21708385	2.28	cps
Vanadium	51-2	1708184	1644093	1590660	1647645	3.57	cps
Ytterbium	172-1	133	150	142	142	5.88	cps
Ytterbium	172-2	83	67	89	80	14.52	cps
Ytterbium	176-1	26477	27663	27112	27084	2.19	cps
Ytterbium	176-2	25163	25670	25174	25336	1.14	cps
Yttrium	89-1	12625503	13324534	12781026	12910354	2.84	cps
Yttrium	89-2	1552952	1535687	1504458	1531032	1.61	cps
Zinc	66-2	3589217	3524708	3382182	3498702	3.03	cps
Zirconium	90-1	11519700	12029049	12081693	11876814	2.61	cps
Zirconium	91-1	2623191	2762186	2650735	2678704	2.75	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7654871	7553076	7281247	7496398	2.58	cps
Antimony	121-1	2767	2525	2809	2700	5.67	cps
Arsenic	75-2	60	55	50	55	9.09	cps
Barium	135-1	4726	4468	4776	4656	3.55	cps
Barium	137-1	8286	8136	7986	8136	1.84	cps
Beryllium	9-1	506	500	490	499	1.64	cps
Bismuth	209-1	5851871	5808893	4876048	5512271	10.00	cps
Bismuth	209-2	3224941	3291191	3238758	3251630	1.07	cps
Boron	10-1	12399	12055	11748	12067	2.70	cps
Boron	11-1	50480	51465	49487	50478	1.96	cps
Bromine	81-1	31217	32702	31668	31862	2.39	cps
Cadmium	111-1	1589	1466	1552	1536	4.10	cps
Cadmium	106-1	4993	4534	4142	4556	9.34	cps
Cadmium	108-1	133	113	63	103	35.42	cps
Calcium	43-1	12154878	12458889	12279362	12297710	1.24	cps
Calcium	44-1	196655808	203073486	200980308	200236534	1.63	cps
Carbon	12-1	5752253	6117100	6234168	6034507	4.17	cps
Carbon	12-2	82230	83093	82271	82531	0.59	cps
Chlorine	35-1	939476	936634	925860	933990	0.77	cps
Chlorine	35-2	7410	6768	6885	7021	4.87	cps
Chromium	52-2	22922	22227	21924	22358	2.29	cps
Cobalt	59-2	3377	3367	3230	3325	2.47	cps
Copper	63-2	10594	10614	10564	10591	0.24	cps
Dysprosium	156-1	1300	1425	1625	1450	11.31	cps
Dysprosium	156-2	663	600	663	642	5.69	cps
Erbium	164-1	192	142	150	161	16.63	cps
Erbium	164-2	73	77	63	71	9.76	cps
Gadolinium	160-1	1542	1442	1725	1570	9.16	cps
Gadolinium	160-2	987	973	1027	996	2.79	cps
Holmium	165-1	10377864	10511804	8276856	9722175	12.89	cps
Holmium	165-2	5184445	5179365	5239712	5201174	0.64	cps
Indium	115-1	8118853	8171088	6694463	7661468	10.94	cps
Indium	115-2	1432507	1453022	1441210	1442246	0.71	cps
Iron	54-2	25719455	25199480	24540526	25153154	2.35	cps
Iron	56-2	469952344	442444021	449194788	453863718	3.16	cps
Iron	57-2	11590772	11419314	11031014	11347034	2.53	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	402	420	407	2.67	cps
Lead	206-1	7319	7180	7263	7254	0.96	cps
Lead	207-1	6191	6063	5735	5996	3.92	cps
Lead	208-1	28735	28046	27785	28188	1.74	cps
Lithium	6-1	4379745	4414770	3629016	4141177	10.72	cps
Magnesium	24-2	100009769	98121288	98190600	98773886	1.08	cps
Manganese	55-2	14034	13897	13433	13788	2.28	cps
Molybdenum	94-1	7019	6418	6852	6763	4.58	cps
Molybdenum	95-1	9262	8795	9345	9134	3.25	cps
Molybdenum	96-1	18438	17620	17603	17887	2.67	cps
Molybdenum	97-1	5926	5326	5977	5743	6.30	cps
Molybdenum	98-1	14299	13757	13732	13930	2.30	cps
Neodymium	150-1	93	87	73	84	12.06	cps
Neodymium	150-2	23	37	23	28	27.73	cps
Nickel	60-2	3744	3537	3517	3599	3.49	cps
Phosphorus	31-2	175	192	192	186	5.17	cps
Potassium	39-2	35771146	35357520	35445955	35524873	0.61	cps
Rhodium	103-1	7558944	7521769	6171542	7084085	11.16	cps
Rhodium	103-2	3568927	3710770	3629889	3636529	1.96	cps
Scandium	45-1	6544540	6353878	5301331	6066583	11.04	cps
Scandium	45-2	235471	237002	238243	236905	0.59	cps
Selenium	82-1	92	160	175	142	30.84	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	66	76	76	73	7.94	cps
Silicon	28-1	1235877	1522387	1651516	1469926	14.47	cps
Silver	107-1	3951	3917	4034	3967	1.52	cps
Silver	109-1	3426	3884	3884	3731	7.09	cps
Sodium	23-2	184248037	176927058	175558900	178911332	2.61	cps
Strontium	86-1	15809	16085	16293	16062	1.51	cps
Strontium	88-1	131206	133048	133000	132418	0.79	cps
Sulfur	34-1	408634	412296	412517	411149	0.53	cps
Terbium	159-1	10348779	10418281	8649984	9805681	10.21	cps
Terbium	159-2	5046439	5122773	4936017	5035077	1.86	cps
Thallium	203-1	1842	1592	1658	1697	7.63	cps
Thallium	205-1	4334	4084	3784	4067	6.77	cps
Tin	118-1	7861	7727	7894	7827	1.13	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 11:11:16	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2709	2384	2359	2484	7.86	cps
Uranium	238-1	1942	1525	1633	1700	12.72	cps
Vanadium	51-2	760	910	743	804	11.41	cps
Ytterbium	172-1	583	517	558	553	6.09	cps
Ytterbium	172-2	267	344	306	306	12.73	cps
Ytterbium	176-1	2000	1984	1917	1967	2.24	cps
Ytterbium	176-2	13357	13123	13335	13272	0.97	cps
Yttrium	89-1	12176285	12950134	10474562	11866994	10.67	cps
Yttrium	89-2	1554933	1586152	1584601	1575229	1.12	cps
Zinc	66-2	5528	5424	5341	5431	1.72	cps
Zirconium	90-1	4317	4101	3684	4034	7.98	cps
Zirconium	91-1	883	742	858	828	9.14	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37845	37048	37109	37334	1.19	cps
Antimony	121-1	1189857	1209056	1203716	1200876	0.83	cps
Arsenic	75-2	44529	43516	43533	43859	1.32	cps
Barium	135-1	156013	154191	153357	154520	0.88	cps
Barium	137-1	264305	274278	269240	269274	1.85	cps
Beryllium	9-1	299893	309084	305569	304849	1.52	cps
Bismuth	209-1	7000821	7153445	7177876	7110714	1.35	cps
Bismuth	209-2	3923788	3978054	4009710	3970517	1.09	cps
Boron	10-1	2080	2026	2024	2043	1.55	cps
Boron	11-1	8197	8647	8615	8486	2.96	cps
Bromine	81-1	35050	33685	31508	33414	5.35	cps
Cadmium	111-1	185397	184660	183838	184632	0.42	cps
Cadmium	106-1	22678	22744	22386	22603	0.84	cps
Cadmium	108-1	12289	12739	12994	12674	2.82	cps
Calcium	43-1	51720	54144	52081	52648	2.48	cps
Calcium	44-1	857440	873445	865251	865379	0.92	cps
Carbon	12-1	6228629	6488600	6426959	6381396	2.13	cps
Carbon	12-2	77329	76768	78460	77519	1.11	cps
Chlorine	35-1	841835	831442	833932	835736	0.65	cps
Chlorine	35-2	6427	6360	6510	6432	1.17	cps
Chromium	52-2	223323	222108	219366	221599	0.91	cps
Cobalt	59-2	404581	391460	388299	394780	2.19	cps
Copper	63-2	311563	305862	302766	306730	1.45	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	92	25	83	67	54.49	cps
Erbium	164-2	57	40	40	46	21.13	cps
Gadolinium	160-1	92	75	150	106	37.31	cps
Gadolinium	160-2	167	143	210	173	19.51	cps
Holmium	165-1	11121490	10603220	10645726	10790145	2.67	cps
Holmium	165-2	5448053	5446742	5340862	5411886	1.14	cps
Indium	115-1	8875463	8817682	8810286	8834477	0.40	cps
Indium	115-2	1631333	1554169	1548702	1578068	2.93	cps
Iron	54-2	213273	212489	210374	212045	0.71	cps
Iron	56-2	3922097	3743914	3846411	3837474	2.33	cps
Iron	57-2	95122	88792	89715	91210	3.75	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	357	366	367	364	1.50	cps
Lead	206-1	1118136	1161623	1123650	1134470	2.09	cps
Lead	207-1	936902	955927	939787	944206	1.09	cps
Lead	208-1	4540868	4627047	4557014	4574976	1.00	cps
Lithium	6-1	4636732	4928430	4823866	4796343	3.08	cps
Magnesium	24-2	235075	226749	229168	230331	1.86	cps
Manganese	55-2	124429	121348	121112	122296	1.51	cps
Molybdenum	94-1	400	342	433	392	11.85	cps
Molybdenum	95-1	158	158	142	153	6.30	cps
Molybdenum	96-1	400	442	367	403	9.33	cps
Molybdenum	97-1	108	158	133	133	18.75	cps
Molybdenum	98-1	325	292	400	339	16.37	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	119948	117314	116200	117821	1.63	cps
Phosphorus	31-2	142	225	75	147	51.05	cps
Potassium	39-2	327420	326133	318058	323870	1.57	cps
Rhodium	103-1	8785338	8673178	9017513	8825343	1.99	cps
Rhodium	103-2	4194320	4188719	4184746	4189261	0.11	cps
Scandium	45-1	6551487	6691441	6631794	6624907	1.06	cps
Scandium	45-2	243585	242024	241378	242329	0.47	cps
Selenium	82-1	33529	34170	34028	33909	0.99	cps
Selenium	77-2	1297	1180	1113	1197	7.75	cps
Selenium	78-2	4148	4117	4117	4127	0.43	cps
Silicon	28-1	747830	763758	767879	759823	1.39	cps
Silver	107-1	447853	465633	464453	459313	2.16	cps
Silver	109-1	430134	441821	448513	440156	2.11	cps
Sodium	23-2	747485	730790	714412	730896	2.26	cps
Strontium	86-1	1200	1183	1225	1203	1.74	cps
Strontium	88-1	5660	5343	5501	5501	2.88	cps
Sulfur	34-1	413377	418721	421021	417706	0.94	cps
Terbium	159-1	11038230	10756324	10912372	10902309	1.30	cps
Terbium	159-2	5239892	5258798	5242538	5247076	0.20	cps
Thallium	203-1	1383911	1410419	1418440	1404256	1.29	cps
Thallium	205-1	3388847	3483512	3447283	3439881	1.39	cps
Tin	118-1	1634	1667	1425	1575	8.32	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:08:02	DataFile Name :	027ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	242	125	175	34.34	cps
Uranium	238-1	92	42	33	56	56.79	cps
Vanadium	51-2	172282	168677	167697	169552	1.42	cps
Ytterbium	172-1	58	42	17	39	53.92	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	1567	1792	2017	1792	12.56	cps
Ytterbium	176-2	12033	12078	12406	12172	1.67	cps
Yttrium	89-1	13009014	13174389	13263893	13149099	0.98	cps
Yttrium	89-2	1659774	1679711	1643147	1660878	1.10	cps
Zinc	66-2	77581	77417	77665	77554	0.16	cps
Zirconium	90-1	833	950	867	883	6.80	cps
Zirconium	91-1	267	300	408	325	22.79	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1485	1522	1454	1487	2.31	cps
Antimony	121-1	11730	11530	12022	11761	2.10	cps
Arsenic	75-2	228	228	203	220	6.57	cps
Barium	135-1	14233	14800	14099	14377	2.59	cps
Barium	137-1	24339	25216	25658	25071	2.68	cps
Beryllium	9-1	3072	3226	3289	3196	3.48	cps
Bismuth	209-1	6925203	7066061	7015890	7002384	1.02	cps
Bismuth	209-2	3974565	3970406	4101013	4015328	1.85	cps
Boron	10-1	9757	10336	10948	10347	5.75	cps
Boron	11-1	40762	43554	45726	43347	5.74	cps
Bromine	81-1	33164	34890	34097	34050	2.54	cps
Cadmium	111-1	2530	2553	2790	2624	5.47	cps
Cadmium	106-1	4634	4893	5451	4993	8.36	cps
Cadmium	108-1	171	146	200	172	15.74	cps
Calcium	43-1	11980	11787	12047	11938	1.13	cps
Calcium	44-1	200736	199011	202808	200852	0.95	cps
Carbon	12-1	4946121	4978707	4886416	4937081	0.95	cps
Carbon	12-2	58902	57371	59203	58492	1.68	cps
Chlorine	35-1	751484	734814	730301	738866	1.51	cps
Chlorine	35-2	5326	5768	5551	5548	3.98	cps
Chromium	52-2	4914	5044	4864	4941	1.88	cps
Cobalt	59-2	3817	3894	3751	3821	1.88	cps
Copper	63-2	6792	6745	6612	6716	1.39	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	33	33	57	41	32.78	cps
Gadolinium	160-1	100	83	108	97	13.09	cps
Gadolinium	160-2	187	177	153	172	9.93	cps
Holmium	165-1	10653649	10634331	10943578	10743853	1.61	cps
Holmium	165-2	5361421	5160247	5205170	5242279	2.01	cps
Indium	115-1	8583622	8970768	8768835	8774408	2.21	cps
Indium	115-2	1547853	1555296	1577866	1560338	1.00	cps
Iron	54-2	5996	5668	5523	5729	4.23	cps
Iron	56-2	93729	90620	89027	91125	2.62	cps
Iron	57-2	2573	2406	2395	2458	4.05	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	346	382	380	370	5.48	cps
Lead	206-1	5790	5473	5557	5607	2.93	cps
Lead	207-1	4790	4912	5184	4962	4.07	cps
Lead	208-1	23125	22480	22792	22799	1.41	cps
Lithium	6-1	4564031	4770896	4815853	4716927	2.85	cps
Magnesium	24-2	94885	91438	92074	92799	1.98	cps
Manganese	55-2	1207	1257	1103	1189	6.58	cps
Molybdenum	94-1	13991	13774	13640	13802	1.28	cps
Molybdenum	95-1	16660	18329	17111	17367	4.97	cps
Molybdenum	96-1	19372	19447	19898	19573	1.45	cps
Molybdenum	97-1	10438	10638	10655	10577	1.14	cps
Molybdenum	98-1	27044	26543	27887	27158	2.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1003	1057	983	1014	3.74	cps
Phosphorus	31-2	142	242	175	186	27.36	cps
Potassium	39-2	87063	85796	86930	86596	0.80	cps
Rhodium	103-1	8456117	8815376	8706640	8659377	2.13	cps
Rhodium	103-2	4306513	4221922	4220679	4249704	1.16	cps
Scandium	45-1	6473679	6687413	6761053	6640715	2.25	cps
Scandium	45-2	238351	243760	242115	241409	1.15	cps
Selenium	82-1	792	695	696	728	7.68	cps
Selenium	77-2	13	17	30	20	44.10	cps
Selenium	78-2	165	144	148	152	7.32	cps
Silicon	28-1	789190	787294	791496	789326	0.27	cps
Silver	107-1	9262	9479	9545	9429	1.57	cps
Silver	109-1	9262	8878	9478	9206	3.30	cps
Sodium	23-2	186905	182688	181092	183562	1.64	cps
Strontium	86-1	2759	2634	2809	2734	3.30	cps
Strontium	88-1	18271	18880	18930	18694	1.96	cps
Sulfur	34-1	413348	419702	418936	417329	0.83	cps
Terbium	159-1	10975492	11096417	11167333	11079747	0.88	cps
Terbium	159-2	5340697	5154562	5120072	5205111	2.28	cps
Thallium	203-1	6602	6443	6335	6460	2.08	cps
Thallium	205-1	15093	16269	15793	15718	3.76	cps
Tin	118-1	26718	27712	26693	27041	2.15	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:12:36	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5493	5568	5793	5618	2.78	cps
Uranium	238-1	20133	19958	19758	19950	0.94	cps
Vanadium	51-2	8306	7712	7889	7969	3.82	cps
Ytterbium	172-1	25	42	67	44	47.19	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	1800	1859	1725	1795	3.72	cps
Ytterbium	176-2	10988	11650	11805	11481	3.78	cps
Yttrium	89-1	13163304	12951285	13062089	13058892	0.81	cps
Yttrium	89-2	1638569	1614788	1645324	1632893	0.98	cps
Zinc	66-2	1003	960	1073	1012	5.65	cps
Zirconium	90-1	11997	13340	12539	12625	5.35	cps
Zirconium	91-1	2709	2859	2934	2834	4.04	cps

LB Number : LB124446 Operator : Jaswal
 Lab Sample ID : ICB39 Instrumnet Name : P8
 Client Sample ID : ICB39 Dilution Factor : 1
 Date & Time Acquired : 2023-03-10 12:15:36 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	91	76	84	8.95	cps
Antimony	121-1	192	275	267	244	18.78	cps
Arsenic	75-2	6	8	6	7	17.32	cps
Barium	135-1	8	17	33	19	65.48	cps
Barium	137-1	42	8	17	22	78.07	cps
Beryllium	9-1	107	90	115	104	12.32	cps
Bismuth	209-1	6231174	6885214	7214209	6776866	7.38	cps
Bismuth	209-2	4052858	3928302	3820363	3933841	2.96	cps
Boron	10-1	2358	2178	2192	2242	4.46	cps
Boron	11-1	9815	9325	9093	9411	3.92	cps
Bromine	81-1	34659	33464	34669	34264	2.02	cps
Cadmium	111-1	878	923	1029	943	8.26	cps
Cadmium	106-1	4334	4534	5168	4679	9.30	cps
Cadmium	108-1	8	25	42	25	66.68	cps
Calcium	43-1	159	155	154	156	1.67	cps
Calcium	44-1	13216	13423	13532	13390	1.20	cps
Carbon	12-1	4959559	5084355	5154448	5066121	1.95	cps
Carbon	12-2	62550	63672	61471	62564	1.76	cps
Chlorine	35-1	769355	774615	762892	768954	0.76	cps
Chlorine	35-2	5760	5701	5876	5779	1.54	cps
Chromium	52-2	827	680	833	780	11.11	cps
Cobalt	59-2	63	77	100	80	23.20	cps
Copper	63-2	763	743	813	773	4.66	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	75	108	75	44.44	cps
Erbium	164-2	23	7	47	26	78.62	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	153	193	153	167	13.86	cps
Holmium	165-1	9170050	10600398	11383257	10384569	10.81	cps
Holmium	165-2	5255006	5492330	5251238	5332858	2.59	cps
Indium	115-1	7929496	8747009	9386678	8687727	8.41	cps
Indium	115-2	1564520	1589463	1556772	1570252	1.09	cps
Iron	54-2	717	883	833	811	10.54	cps
Iron	56-2	3651	4067	4662	4127	12.32	cps
Iron	57-2	139	150	217	169	24.96	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:15:36	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	370	344	351	355	3.81	cps
Lead	206-1	817	783	856	819	4.42	cps
Lead	207-1	722	806	622	717	12.81	cps
Lead	208-1	3345	3245	3056	3215	4.56	cps
Lithium	6-1	4065677	4740096	4944049	4583274	10.03	cps
Magnesium	24-2	242	333	467	347	32.59	cps
Manganese	55-2	100	93	93	96	4.03	cps
Molybdenum	94-1	400	300	300	333	17.32	cps
Molybdenum	95-1	50	33	58	47	26.97	cps
Molybdenum	96-1	242	142	250	211	28.56	cps
Molybdenum	97-1	58	42	75	58	28.57	cps
Molybdenum	98-1	158	125	50	111	49.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	33	53	47	24.75	cps
Phosphorus	31-2	217	175	67	153	50.68	cps
Potassium	39-2	24997	24672	25197	24955	1.06	cps
Rhodium	103-1	7671651	8673247	9087910	8477602	8.59	cps
Rhodium	103-2	4159559	4304605	4264786	4242983	1.77	cps
Scandium	45-1	5520554	6625141	6866103	6337266	11.32	cps
Scandium	45-2	243189	243965	243883	243679	0.18	cps
Selenium	82-1	8	33	-19	7	361.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	69	60	90	73	21.09	cps
Silicon	28-1	683682	674678	676765	678375	0.69	cps
Silver	107-1	500	608	642	583	12.70	cps
Silver	109-1	400	475	425	433	8.81	cps
Sodium	23-2	18112	17703	17945	17920	1.15	cps
Strontium	86-1	583	558	517	553	6.09	cps
Strontium	88-1	267	283	275	275	3.03	cps
Sulfur	34-1	422892	417679	422011	420861	0.66	cps
Terbium	159-1	9315555	10968746	11513392	10599231	10.80	cps
Terbium	159-2	5326263	5311627	5375680	5337857	0.63	cps
Thallium	203-1	458	408	542	469	14.35	cps
Thallium	205-1	1308	1158	1042	1170	11.43	cps
Tin	118-1	475	433	392	433	9.62	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:15:36	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	100	108	128	32.17	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Ytterbium	172-1	33	25	8	22	57.29	cps
Ytterbium	172-2	17	11	28	19	45.83	cps
Ytterbium	176-1	1383	2084	1967	1811	20.71	cps
Ytterbium	176-2	11622	11911	11372	11635	2.32	cps
Yttrium	89-1	10921230	12963769	13517144	12467381	10.97	cps
Yttrium	89-2	1578676	1638739	1637401	1618272	2.12	cps
Zinc	66-2	313	313	340	322	4.78	cps
Zirconium	90-1	708	750	767	742	4.05	cps
Zirconium	91-1	167	133	200	167	20.00	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6842624	6702783	6574332	6706580	2.00	cps
Antimony	121-1	6844	6677	6769	6763	1.23	cps
Arsenic	75-2	59	71	75	68	12.18	cps
Barium	135-1	2259	2300	2267	2275	0.97	cps
Barium	137-1	4134	4209	4334	4226	2.39	cps
Beryllium	9-1	816	866	844	842	2.97	cps
Bismuth	209-1	6647747	6690746	6709684	6682726	0.47	cps
Bismuth	209-2	3668940	3672093	3704381	3681805	0.53	cps
Boron	10-1	2236	2232	2180	2216	1.41	cps
Boron	11-1	9497	9293	9523	9438	1.34	cps
Bromine	81-1	34097	35733	36686	35505	3.69	cps
Cadmium	111-1	1919	2206	2004	2043	7.22	cps
Cadmium	106-1	4718	4768	4609	4698	1.72	cps
Cadmium	108-1	2109	1867	1821	1932	8.00	cps
Calcium	43-1	2305634	2389461	2350341	2348479	1.79	cps
Calcium	44-1	37536639	38364217	37626499	37842452	1.20	cps
Carbon	12-1	24854353	25510513	25681007	25348625	1.72	cps
Carbon	12-2	305082	299375	299884	301447	1.05	cps
Chlorine	35-1	12987501	15641132	17252763	15293799	14.08	cps
Chlorine	35-2	155497	163534	172976	164002	5.33	cps
Chromium	52-2	41711	41483	41570	41588	0.28	cps
Cobalt	59-2	4521	4371	4467	4453	1.71	cps
Copper	63-2	23306	22364	22097	22589	2.81	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	33	13	17	21	50.75	cps
Erbium	164-1	125	83	117	108	20.35	cps
Erbium	164-2	40	47	17	34	45.73	cps
Gadolinium	160-1	83	92	108	94	13.48	cps
Gadolinium	160-2	223	200	180	201	10.79	cps
Holmium	165-1	10853736	10807232	10947594	10869521	0.66	cps
Holmium	165-2	5398291	5447241	5402484	5416005	0.50	cps
Indium	115-1	8767696	8693740	8776241	8745892	0.52	cps
Indium	115-2	1510876	1537873	1549550	1532766	1.29	cps
Iron	54-2	9651985	9161143	9428663	9413931	2.61	cps
Iron	56-2	177031760	173976498	168421632	173143296	2.52	cps
Iron	57-2	4487302	4287528	4403914	4392915	2.28	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	351	330	348	4.74	cps
Lead	206-1	22960	23522	23956	23479	2.13	cps
Lead	207-1	17902	18436	19804	18714	5.24	cps
Lead	208-1	87189	91190	91867	90082	2.81	cps
Lithium	6-1	4675294	4626851	4686896	4663013	0.68	cps
Magnesium	24-2	17808715	17339446	17317432	17488531	1.59	cps
Manganese	55-2	8930	8983	8719	8877	1.57	cps
Molybdenum	94-1	3738915	3862551	3914054	3838507	2.34	cps
Molybdenum	95-1	6415339	6659946	6770820	6615369	2.75	cps
Molybdenum	96-1	7303477	7421075	7367889	7364147	0.80	cps
Molybdenum	97-1	4086283	4308635	4247941	4214286	2.73	cps
Molybdenum	98-1	10471483	10669953	10985722	10709053	2.42	cps
Neodymium	150-1	13	53	40	36	57.29	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	5548	5434	5334	5439	1.96	cps
Phosphorus	31-2	400907	396260	392116	396428	1.11	cps
Potassium	39-2	12744203	12470198	12435899	12550100	1.35	cps
Rhodium	103-1	8383272	8406635	8357941	8382616	0.29	cps
Rhodium	103-2	4048696	4034187	4013306	4032063	0.44	cps
Scandium	45-1	6573199	6591641	6749475	6638105	1.46	cps
Scandium	45-2	237844	242818	241323	240662	1.06	cps
Selenium	82-1	13	54	33	33	62.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	63	66	65	2.36	cps
Silicon	28-1	893214	875599	892692	887168	1.13	cps
Silver	107-1	725	575	433	578	25.24	cps
Silver	109-1	433	458	550	481	12.78	cps
Sodium	23-2	34420128	32662161	32561083	33214457	3.15	cps
Strontium	86-1	72531	73494	73670	73232	0.84	cps
Strontium	88-1	634339	629487	644802	636209	1.23	cps
Sulfur	34-1	4119810	4325066	4156968	4200615	2.60	cps
Terbium	159-1	10954983	10782109	11301005	11012699	2.40	cps
Terbium	159-2	5103375	5402049	5211279	5238901	2.89	cps
Thallium	203-1	817	1033	808	886	14.40	cps
Thallium	205-1	2167	2017	2209	2131	4.73	cps
Tin	118-1	1375	1292	1208	1292	6.45	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:18:39	DataFile Name :	030ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2223868	2309398	2272236	2268501	1.89	cps
Uranium	238-1	458	483	400	447	9.56	cps
Vanadium	51-2	273	280	253	269	5.16	cps
Ytterbium	172-1	75	50	50	58	24.74	cps
Ytterbium	172-2	11	28	17	19	45.83	cps
Ytterbium	176-1	1967	1700	1792	1820	7.45	cps
Ytterbium	176-2	11400	11972	12045	11805	2.99	cps
Yttrium	89-1	12814133	13068964	13520763	13134620	2.72	cps
Yttrium	89-2	1619764	1627548	1624933	1624082	0.24	cps
Zinc	66-2	4391	4181	4371	4314	2.69	cps
Zirconium	90-1	975	1050	975	1000	4.33	cps
Zirconium	91-1	167	133	175	158	13.92	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7332662	6906399	6870181	7036414	3.66	cps
Antimony	121-1	129094	132541	129739	130458	1.40	cps
Arsenic	75-2	4507	4151	4315	4324	4.12	cps
Barium	135-1	34461	35163	35740	35121	1.82	cps
Barium	137-1	59147	58996	59775	59306	0.70	cps
Beryllium	9-1	57578	59679	59910	59056	2.18	cps
Bismuth	209-1	6851676	6690061	6765445	6769061	1.19	cps
Bismuth	209-2	3724585	3711674	3727364	3721208	0.22	cps
Boron	10-1	2176	2142	2236	2184	2.18	cps
Boron	11-1	9135	9051	9199	9128	0.81	cps
Bromine	81-1	37409	39166	39477	38684	2.88	cps
Cadmium	111-1	36423	36401	36408	36410	0.03	cps
Cadmium	106-1	8645	7936	8336	8305	4.28	cps
Cadmium	108-1	4388	4397	4388	4391	0.11	cps
Calcium	43-1	2483834	2607298	2587619	2559584	2.59	cps
Calcium	44-1	38777300	41178344	41227562	40394402	3.47	cps
Carbon	12-1	24335695	25314372	25321757	24990608	2.27	cps
Carbon	12-2	297896	285343	286003	289747	2.44	cps
Chlorine	35-1	18413322	22428112	23609399	21483611	12.68	cps
Chlorine	35-2	206804	209373	211758	209312	1.18	cps
Chromium	52-2	89035	85213	83714	85987	3.19	cps
Cobalt	59-2	82296	79347	76619	79420	3.58	cps
Copper	63-2	82475	81063	77926	80488	2.89	cps
Dysprosium	156-1	0	67	33	33	100.01	cps
Dysprosium	156-2	7	20	3	10	88.20	cps
Erbium	164-1	83	150	92	108	33.53	cps
Erbium	164-2	43	50	37	43	15.38	cps
Gadolinium	160-1	150	100	117	122	20.83	cps
Gadolinium	160-2	157	220	173	183	17.91	cps
Holmium	165-1	11308898	11440396	11225187	11324827	0.96	cps
Holmium	165-2	5304898	5666073	5418258	5463077	3.38	cps
Indium	115-1	8915923	8983484	8873197	8924202	0.62	cps
Indium	115-2	1565086	1579601	1609600	1584762	1.43	cps
Iron	54-2	10196548	9908235	9642989	9915924	2.79	cps
Iron	56-2	188127410	176691526	178595132	181138023	3.38	cps
Iron	57-2	4601835	4518463	4475648	4531982	1.42	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	346	385	357	363	5.49	cps
Lead	206-1	135661	141489	143225	140125	2.83	cps
Lead	207-1	115556	115792	115406	115585	0.17	cps
Lead	208-1	537753	545855	547266	543624	0.94	cps
Lithium	6-1	4637420	4635949	4854384	4709251	2.67	cps
Magnesium	24-2	19224731	18106182	18101588	18477500	3.50	cps
Manganese	55-2	34158	32534	32734	33142	2.67	cps
Molybdenum	94-1	4047168	3993036	3962275	4000826	1.07	cps
Molybdenum	95-1	7070445	7243843	7101345	7138544	1.30	cps
Molybdenum	96-1	7633476	7639665	7495045	7589395	1.08	cps
Molybdenum	97-1	4251766	4319279	4338693	4303246	1.06	cps
Molybdenum	98-1	10619077	11082911	11112897	10938295	2.53	cps
Neodymium	150-1	73	27	60	53	45.07	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	26725	26007	25339	26024	2.66	cps
Phosphorus	31-2	431897	412004	405626	416509	3.29	cps
Potassium	39-2	13411911	13002656	12839720	13084762	2.25	cps
Rhodium	103-1	8264831	8481037	8614625	8453498	2.09	cps
Rhodium	103-2	4100312	4092366	4097704	4096794	0.10	cps
Scandium	45-1	6556750	6769053	6927407	6751070	2.75	cps
Scandium	45-2	244882	242414	248362	245219	1.22	cps
Selenium	82-1	3085	3344	3311	3247	4.34	cps
Selenium	77-2	127	107	127	120	9.62	cps
Selenium	78-2	441	413	414	423	3.76	cps
Silicon	28-1	905676	889165	898726	897856	0.92	cps
Silver	107-1	177455	184358	177485	179766	2.21	cps
Silver	109-1	167196	172433	175706	171778	2.50	cps
Sodium	23-2	35084906	34098776	33146750	34110144	2.84	cps
Strontium	86-1	78638	81286	80130	80018	1.66	cps
Strontium	88-1	680218	688049	688266	685511	0.67	cps
Sulfur	34-1	4411961	4518740	4397599	4442767	1.49	cps
Terbium	159-1	11280280	11291594	11702223	11424699	2.10	cps
Terbium	159-2	5261079	5277977	5391082	5310046	1.33	cps
Thallium	203-1	135666	139330	134881	136626	1.74	cps
Thallium	205-1	317127	335990	318455	323857	3.25	cps
Tin	118-1	1809	1867	1517	1731	10.84	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:21:28	DataFile Name :	031ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2358562	2410339	2433697	2400866	1.60	cps
Uranium	238-1	875	833	750	819	7.77	cps
Vanadium	51-2	35588	35126	33763	34826	2.72	cps
Ytterbium	172-1	92	67	92	83	17.32	cps
Ytterbium	172-2	44	0	22	22	100.01	cps
Ytterbium	176-1	1825	1859	1959	1881	3.69	cps
Ytterbium	176-2	11227	11878	12389	11831	4.92	cps
Yttrium	89-1	13714459	13281261	13636583	13544101	1.71	cps
Yttrium	89-2	1606960	1694245	1639270	1646825	2.68	cps
Zinc	66-2	11905	11301	11261	11489	3.14	cps
Zirconium	90-1	1383	1092	908	1128	21.24	cps
Zirconium	91-1	258	258	225	247	7.78	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3978950	3906259	3794351	3893187	2.39	cps
Antimony	121-1	2900534	3019961	2916810	2945769	2.20	cps
Arsenic	75-2	105576	105278	102632	104495	1.55	cps
Barium	135-1	3783241	3807111	3795600	3795317	0.31	cps
Barium	137-1	6521589	6650673	6621949	6598070	1.03	cps
Beryllium	9-1	1455092	1444103	1411173	1436789	1.59	cps
Bismuth	209-1	6429962	6245343	6404671	6359992	1.57	cps
Bismuth	209-2	3685103	3352493	3437390	3491662	4.95	cps
Boron	10-1	179897	192472	195607	189325	4.39	cps
Boron	11-1	753006	820065	824577	799216	5.02	cps
Bromine	81-1	34047	36957	36295	35766	4.27	cps
Cadmium	111-1	822142	838001	839428	833190	1.15	cps
Cadmium	106-1	101222	103121	101264	101869	1.06	cps
Cadmium	108-1	67214	68213	67066	67498	0.92	cps
Calcium	43-1	6403685	6346352	6400472	6383503	0.50	cps
Calcium	44-1	99039830	101291211	101981442	100770828	1.53	cps
Carbon	12-1	6198727	6584072	6673501	6485433	3.89	cps
Carbon	12-2	86488	86680	85473	86214	0.75	cps
Chlorine	35-1	1783975	1771648	1732221	1762615	1.53	cps
Chlorine	35-2	14299	12464	13406	13390	6.85	cps
Chromium	52-2	1120737	1120807	1069731	1103758	2.67	cps
Cobalt	59-2	1979888	2101628	1907129	1996215	4.92	cps
Copper	63-2	15823968	16295854	15504987	15874936	2.51	cps
Dysprosium	156-1	783	775	725	761	4.15	cps
Dysprosium	156-2	337	367	397	367	8.18	cps
Erbium	164-1	100	142	100	114	21.12	cps
Erbium	164-2	40	67	37	48	34.42	cps
Gadolinium	160-1	1017	925	983	975	4.76	cps
Gadolinium	160-2	653	543	633	610	9.61	cps
Holmium	165-1	10746765	10862346	10621832	10743648	1.12	cps
Holmium	165-2	5539728	5252697	5307928	5366784	2.84	cps
Indium	115-1	8653362	8574819	8566022	8598068	0.56	cps
Indium	115-2	1657274	1475857	1518400	1550510	6.12	cps
Iron	54-2	12910784	13050146	12267182	12742704	3.28	cps
Iron	56-2	241181572	238245072	227243505	235556716	3.12	cps
Iron	57-2	5958335	5916381	5593686	5822800	3.43	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	404	356	421	394	8.54	cps
Lead	206-1	13276602	13543734	13729215	13516517	1.68	cps
Lead	207-1	11695826	12062107	12000490	11919474	1.65	cps
Lead	208-1	53718193	54400396	54438144	54185577	0.75	cps
Lithium	6-1	4455847	4428042	4478195	4454028	0.56	cps
Magnesium	24-2	50796931	51045032	48882175	50241380	2.36	cps
Manganese	55-2	6340642	6264461	6159841	6254982	1.45	cps
Molybdenum	94-1	12503042	13498242	13040372	13013885	3.83	cps
Molybdenum	95-1	18446191	19572176	18581891	18866753	3.26	cps
Molybdenum	96-1	20750429	20758481	21109102	20872670	0.98	cps
Molybdenum	97-1	11748921	11602437	12062570	11804643	1.99	cps
Molybdenum	98-1	29514539	30667383	30544512	30242145	2.09	cps
Neodymium	150-1	447	353	427	409	12.02	cps
Neodymium	150-2	40	23	37	33	26.47	cps
Nickel	60-2	521144	530324	504696	518722	2.50	cps
Phosphorus	31-2	45665	45422	43667	44918	2.43	cps
Potassium	39-2	17610468	18176259	16986850	17591192	3.38	cps
Rhodium	103-1	8145141	7878991	8104884	8043005	1.78	cps
Rhodium	103-2	4122751	3811831	3857268	3930617	4.27	cps
Scandium	45-1	6636804	6608763	6750710	6665426	1.13	cps
Scandium	45-2	257672	234234	241262	244390	4.92	cps
Selenium	82-1	75036	76694	76757	76162	1.28	cps
Selenium	77-2	2817	2774	2704	2765	2.07	cps
Selenium	78-2	9376	9404	9254	9345	0.85	cps
Silicon	28-1	4017171	4323592	4575229	4305330	6.49	cps
Silver	107-1	4391961	4489005	4290274	4390413	2.26	cps
Silver	109-1	4224956	4286484	4229368	4246936	0.81	cps
Sodium	23-2	91423067	91105873	87840794	90123244	2.20	cps
Strontium	86-1	28209686	28968313	29179716	28785905	1.77	cps
Strontium	88-1	242424639	251181056	246166997	246590897	1.78	cps
Sulfur	34-1	926113	934244	937972	932776	0.65	cps
Terbium	159-1	10941312	10883179	10943814	10922768	0.31	cps
Terbium	159-2	5580338	5059615	5115218	5251724	5.44	cps
Thallium	203-1	3167725	3167917	3225281	3186974	1.04	cps
Thallium	205-1	7465718	7404983	7607208	7492636	1.38	cps
Tin	118-1	2694863	2821213	2757242	2757773	2.29	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:34:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5589808	5952011	5975218	5839012	3.70	cps
Uranium	238-1	10504457	10460795	10329976	10431743	0.87	cps
Vanadium	51-2	906958	913644	870281	896961	2.60	cps
Ytterbium	172-1	325	292	400	339	16.37	cps
Ytterbium	172-2	178	222	161	187	16.89	cps
Ytterbium	176-1	14967	14984	15142	15031	0.64	cps
Ytterbium	176-2	18575	18263	18430	18422	0.85	cps
Yttrium	89-1	13239091	13214289	12917815	13123732	1.36	cps
Yttrium	89-2	1722695	1580402	1598719	1633939	4.74	cps
Zinc	66-2	2006983	1965783	1901490	1958085	2.72	cps
Zirconium	90-1	6108805	6382208	6259055	6250023	2.19	cps
Zirconium	91-1	1366501	1402017	1434339	1400952	2.42	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182	147	117	149	21.81	cps
Antimony	121-1	592	742	1075	803	30.82	cps
Arsenic	75-2	10	6	3	6	55.45	cps
Barium	135-1	267	75	300	214	56.77	cps
Barium	137-1	367	158	575	367	56.82	cps
Beryllium	9-1	274	294	324	297	8.47	cps
Bismuth	209-1	6635767	6684022	6790091	6703293	1.18	cps
Bismuth	209-2	3899602	3914228	3887559	3900463	0.34	cps
Boron	10-1	9007	8757	8309	8691	4.07	cps
Boron	11-1	37955	36328	35516	36600	3.39	cps
Bromine	81-1	36596	35833	36114	36181	1.07	cps
Cadmium	111-1	938	963	1070	991	7.06	cps
Cadmium	106-1	4276	4468	4943	4562	7.53	cps
Cadmium	108-1	38	8	29	25	60.10	cps
Calcium	43-1	440	264	602	435	38.91	cps
Calcium	44-1	19552	16653	22212	19472	14.28	cps
Carbon	12-1	4967856	5231317	5111361	5103512	2.58	cps
Carbon	12-2	62073	61655	60868	61532	0.99	cps
Chlorine	35-1	1216494	1186183	1177521	1193399	1.71	cps
Chlorine	35-2	9045	9061	8878	8995	1.13	cps
Chromium	52-2	880	720	790	797	10.07	cps
Cobalt	59-2	127	73	90	97	28.23	cps
Copper	63-2	2114	2074	1953	2047	4.07	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	133	75	83	97	32.45	cps
Erbium	164-2	40	30	23	31	26.97	cps
Gadolinium	160-1	75	58	67	67	12.50	cps
Gadolinium	160-2	180	177	170	176	2.90	cps
Holmium	165-1	10565308	10515313	10824036	10634886	1.56	cps
Holmium	165-2	5122158	5342710	5341657	5268842	2.41	cps
Indium	115-1	8778392	8938723	8834455	8850523	0.92	cps
Indium	115-2	1644223	1589356	1631291	1621623	1.77	cps
Iron	54-2	1183	1061	1028	1091	7.51	cps
Iron	56-2	9776	8080	6691	8182	18.88	cps
Iron	57-2	283	222	211	239	16.28	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	376	379	399	385	3.21	cps
Lead	206-1	1367	1217	2078	1554	29.61	cps
Lead	207-1	1356	1028	1650	1345	23.15	cps
Lead	208-1	5762	4623	7923	6103	27.47	cps
Lithium	6-1	4599693	4650629	4690120	4646814	0.98	cps
Magnesium	24-2	1725	1100	967	1264	32.03	cps
Manganese	55-2	230	170	140	180	25.46	cps
Molybdenum	94-1	1342	1050	1667	1353	22.80	cps
Molybdenum	95-1	1692	983	2025	1567	33.96	cps
Molybdenum	96-1	2075	1408	2184	1889	22.22	cps
Molybdenum	97-1	1075	717	1117	970	22.68	cps
Molybdenum	98-1	2484	1775	3150	2470	27.85	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	60	47	50	52	13.28	cps
Phosphorus	31-2	158	117	142	139	15.10	cps
Potassium	39-2	29940	29481	28245	29222	3.00	cps
Rhodium	103-1	8590253	8832441	8793142	8738612	1.49	cps
Rhodium	103-2	4246566	4185726	4360754	4264348	2.08	cps
Scandium	45-1	6640537	6695680	6645997	6660738	0.46	cps
Scandium	45-2	246963	246548	244928	246146	0.44	cps
Selenium	82-1	-18	-11	-41	-23	-67.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	84	81	79	7.90	cps
Silicon	28-1	785196	784893	777266	782452	0.57	cps
Silver	107-1	575	608	517	567	8.19	cps
Silver	109-1	642	592	433	556	19.58	cps
Sodium	23-2	33723	31526	30457	31902	5.22	cps
Strontium	86-1	1809	1333	2867	2003	39.20	cps
Strontium	88-1	11849	4859	18297	11668	57.60	cps
Sulfur	34-1	412686	407350	403648	407894	1.11	cps
Terbium	159-1	11106535	10897322	11253717	11085858	1.62	cps
Terbium	159-2	5289474	5256170	5198742	5248129	0.87	cps
Thallium	203-1	983	1100	1250	1111	12.03	cps
Thallium	205-1	2084	2217	2392	2231	6.93	cps
Tin	118-1	483	508	650	547	16.43	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:46:39	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	225	633	453	45.99	cps
Uranium	238-1	442	225	917	528	67.03	cps
Vanadium	51-2	13	30	20	21	39.75	cps
Ytterbium	172-1	25	42	33	33	25.01	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	1533	1592	1767	1631	7.45	cps
Ytterbium	176-2	10849	11255	11917	11340	4.75	cps
Yttrium	89-1	12970807	13320093	13342264	13211055	1.58	cps
Yttrium	89-2	1673481	1619311	1648270	1647021	1.65	cps
Zinc	66-2	310	253	323	296	12.58	cps
Zirconium	90-1	1075	900	1217	1064	14.91	cps
Zirconium	91-1	167	208	183	186	11.27	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1560	1526	1559	1548	1.24	cps
Antimony	121-1	11697	11880	11547	11708	1.43	cps
Arsenic	75-2	253	216	234	234	7.90	cps
Barium	135-1	13824	14325	13616	13921	2.62	cps
Barium	137-1	24999	25183	25533	25238	1.08	cps
Beryllium	9-1	3227	3091	3016	3112	3.44	cps
Bismuth	209-1	6918225	6978989	6810964	6902726	1.23	cps
Bismuth	209-2	3837807	3998514	4079469	3971930	3.10	cps
Boron	10-1	13534	13950	14490	13991	3.43	cps
Boron	11-1	57322	59554	60885	59254	3.04	cps
Bromine	81-1	38443	36375	36696	37171	2.99	cps
Cadmium	111-1	2689	2721	2872	2761	3.55	cps
Cadmium	106-1	4901	5076	5034	5004	1.83	cps
Cadmium	108-1	175	204	183	188	8.01	cps
Calcium	43-1	11981	12071	12289	12114	1.31	cps
Calcium	44-1	204106	206539	204548	205064	0.63	cps
Carbon	12-1	5036030	5086275	4946959	5023088	1.40	cps
Carbon	12-2	60015	59304	59303	59541	0.69	cps
Chlorine	35-1	1055798	1044503	1022400	1040900	1.63	cps
Chlorine	35-2	8052	8036	8269	8119	1.60	cps
Chromium	52-2	4911	4804	4761	4825	1.60	cps
Cobalt	59-2	3877	3724	4034	3878	4.00	cps
Copper	63-2	7682	7612	7522	7605	1.06	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	142	58	100	100	41.67	cps
Erbium	164-2	37	23	27	29	24.03	cps
Gadolinium	160-1	100	100	42	81	41.81	cps
Gadolinium	160-2	150	190	167	169	11.90	cps
Holmium	165-1	10576522	10570716	10802077	10649772	1.24	cps
Holmium	165-2	5548871	5369900	5397681	5438817	1.77	cps
Indium	115-1	8962823	9067120	8934034	8987992	0.78	cps
Indium	115-2	1656781	1630326	1644543	1643883	0.81	cps
Iron	54-2	6268	5762	6240	6090	4.67	cps
Iron	56-2	96716	92957	94925	94866	1.98	cps
Iron	57-2	2623	2534	2550	2569	1.84	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	364	371	373	2.71	cps
Lead	206-1	6291	6035	5640	5989	5.47	cps
Lead	207-1	5307	4923	4801	5010	5.27	cps
Lead	208-1	24270	23887	22669	23609	3.54	cps
Lithium	6-1	4649721	4467230	4783958	4633636	3.43	cps
Magnesium	24-2	97392	93366	95145	95301	2.12	cps
Manganese	55-2	1310	1270	1310	1297	1.78	cps
Molybdenum	94-1	13924	14291	14958	14391	3.64	cps
Molybdenum	95-1	16644	17895	17495	17345	3.68	cps
Molybdenum	96-1	20157	20299	19222	19893	2.94	cps
Molybdenum	97-1	10713	11413	11330	11152	3.43	cps
Molybdenum	98-1	28246	28363	28647	28419	0.73	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1063	1097	887	1016	11.11	cps
Phosphorus	31-2	242	275	225	247	10.30	cps
Potassium	39-2	94116	91599	90778	92164	1.89	cps
Rhodium	103-1	8748351	8801872	8818337	8789520	0.42	cps
Rhodium	103-2	4368385	4237797	4279418	4295200	1.55	cps
Scandium	45-1	6615289	6672509	6752240	6680012	1.03	cps
Scandium	45-2	253147	249529	247990	250222	1.06	cps
Selenium	82-1	837	711	802	784	8.32	cps
Selenium	77-2	23	13	23	20	28.87	cps
Selenium	78-2	187	186	178	184	2.69	cps
Silicon	28-1	851780	856893	850707	853127	0.39	cps
Silver	107-1	10312	9195	9912	9807	5.77	cps
Silver	109-1	9462	9545	9562	9523	0.56	cps
Sodium	23-2	195687	190054	193649	193130	1.48	cps
Strontium	86-1	3434	3200	2884	3173	8.70	cps
Strontium	88-1	23613	22469	20724	22269	6.53	cps
Sulfur	34-1	417549	409430	415414	414131	1.02	cps
Terbium	159-1	10999753	11121839	10947005	11022866	0.81	cps
Terbium	159-2	5522234	5335350	5296299	5384628	2.24	cps
Thallium	203-1	6952	6635	6185	6591	5.85	cps
Thallium	205-1	16002	15134	15710	15615	2.83	cps
Tin	118-1	27720	26727	27144	27197	1.83	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:53:23	DataFile Name :	039LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5643	5376	5935	5651	4.94	cps
Uranium	238-1	19440	19257	18990	19229	1.18	cps
Vanadium	51-2	8226	8009	7889	8041	2.12	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1725	1608	1859	1731	7.23	cps
Ytterbium	176-2	11494	11705	11978	11726	2.07	cps
Yttrium	89-1	12943309	13570861	13422706	13312292	2.46	cps
Yttrium	89-2	1722816	1653129	1667014	1680986	2.19	cps
Zinc	66-2	1110	1167	1030	1102	6.23	cps
Zirconium	90-1	12114	12973	12389	12492	3.51	cps
Zirconium	91-1	2542	2975	2850	2789	8.00	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10982975	10716122	10325055	10674717	3.10	cps
Antimony	121-1	153414	153845	155750	154336	0.81	cps
Arsenic	75-2	40246	39561	39085	39631	1.47	cps
Barium	135-1	1409931	1458358	1430369	1432886	1.70	cps
Barium	137-1	2446748	2520731	2561176	2509551	2.31	cps
Beryllium	9-1	9172	8958	8659	8930	2.88	cps
Bismuth	209-1	9465396	9943848	9696628	9701958	2.47	cps
Bismuth	209-2	4990450	4864179	4831833	4895487	1.71	cps
Boron	10-1	12905	13229	13239	13125	1.45	cps
Boron	11-1	54699	57710	58870	57093	3.77	cps
Bromine	81-1	49830	52693	52874	51799	3.30	cps
Cadmium	111-1	16470	16503	16265	16413	0.79	cps
Cadmium	106-1	9929	9854	9337	9706	3.32	cps
Cadmium	108-1	2063	2017	1950	2010	2.81	cps
Calcium	43-1	1363466	1355278	1362208	1360317	0.32	cps
Calcium	44-1	21576692	21398975	21176554	21384074	0.94	cps
Carbon	12-1	56244693	60423293	60598045	59088677	4.17	cps
Carbon	12-2	678274	667262	650798	665445	2.08	cps
Chlorine	35-1	573815313	690949382	743507933	669424209	12.98	cps
Chlorine	35-2	6209594	6126570	6255392	6197185	1.05	cps
Chromium	52-2	2319207	2255786	2325874	2300289	1.68	cps
Cobalt	59-2	1170362	1162797	1131589	1154916	1.78	cps
Copper	63-2	6053701	5997283	5846880	5965955	1.79	cps
Dysprosium	156-1	103005	104536	105121	104220	1.05	cps
Dysprosium	156-2	50358	49124	49274	49585	1.36	cps
Erbium	164-1	104201	103697	103940	103946	0.24	cps
Erbium	164-2	44822	44591	44605	44673	0.29	cps
Gadolinium	160-1	101596	101510	103368	102158	1.03	cps
Gadolinium	160-2	51178	49679	50957	50605	1.60	cps
Holmium	165-1	12120190	12546249	12878052	12514830	3.04	cps
Holmium	165-2	5810374	5836991	5803355	5816907	0.31	cps
Indium	115-1	10604181	11432602	11588792	11208525	4.72	cps
Indium	115-2	1885923	1816954	1835022	1845966	1.94	cps
Iron	54-2	54277829	52915021	51895208	53029353	2.25	cps
Iron	56-2	986521600	966371533	970294422	974395851	1.10	cps
Iron	57-2	25067406	24629285	24013722	24570138	2.15	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1055	1254	1301	1203	10.86	cps
Lead	206-1	2212530	2271099	2208888	2230839	1.57	cps
Lead	207-1	1860286	1862557	1850820	1857888	0.34	cps
Lead	208-1	8716909	8841371	8757760	8772013	0.72	cps
Lithium	6-1	5536815	5650102	5795304	5660740	2.29	cps
Magnesium	24-2	8456005	8276471	8115136	8282538	2.06	cps
Manganese	55-2	8889930	8817556	8760744	8822743	0.73	cps
Molybdenum	94-1	198125	196260	194938	196441	0.82	cps
Molybdenum	95-1	173704	178191	174135	175343	1.41	cps
Molybdenum	96-1	224081	226904	229059	226681	1.10	cps
Molybdenum	97-1	105467	110070	108910	108149	2.21	cps
Molybdenum	98-1	277195	286976	279545	281239	1.82	cps
Neodymium	150-1	118263	120976	121216	120152	1.37	cps
Neodymium	150-2	40444	39909	39946	40100	0.74	cps
Nickel	60-2	3530508	3446406	3424398	3467104	1.62	cps
Phosphorus	31-2	34993	35010	34500	34834	0.83	cps
Potassium	39-2	467919	443068	445002	451996	3.06	cps
Rhodium	103-1	9903424	10046391	10113160	10020991	1.07	cps
Rhodium	103-2	4659614	4596989	4565414	4607339	1.04	cps
Scandium	45-1	9305673	9571631	9736258	9537854	2.28	cps
Scandium	45-2	321627	323636	317291	320851	1.01	cps
Selenium	82-1	1179	1046	981	1069	9.42	cps
Selenium	77-2	283	227	257	256	11.09	cps
Selenium	78-2	422	415	435	424	2.39	cps
Silicon	28-1	33836647	33097373	33116794	33350271	1.26	cps
Silver	107-1	52800	65936	64262	60999	11.72	cps
Silver	109-1	48858	59963	63291	57371	13.17	cps
Sodium	23-2	594732	566584	567595	576304	2.77	cps
Strontium	86-1	481114	495877	492533	489841	1.58	cps
Strontium	88-1	4274904	4394927	4207143	4292325	2.22	cps
Sulfur	34-1	779165	777580	785460	780735	0.53	cps
Terbium	159-1	12645637	13087797	13090644	12941359	1.98	cps
Terbium	159-2	5865490	5656489	5845015	5788998	1.99	cps
Thallium	203-1	11572	12348	12773	12231	4.98	cps
Thallium	205-1	26494	29977	29977	28816	6.98	cps
Tin	118-1	223451	229549	236357	229785	2.81	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 12:56:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5646218	5581600	5569625	5599148	0.74	cps
Uranium	238-1	154917	152724	152983	153542	0.78	cps
Vanadium	51-2	7228190	7166034	7062304	7152176	1.17	cps
Ytterbium	172-1	33268	32925	33769	33321	1.27	cps
Ytterbium	172-2	17968	16867	17045	17293	3.42	cps
Ytterbium	176-1	23054	23663	23438	23385	1.32	cps
Ytterbium	176-2	23310	22926	22898	23044	1.00	cps
Yttrium	89-1	17357868	18099777	17783090	17746912	2.10	cps
Yttrium	89-2	2005055	1981500	2006852	1997802	0.71	cps
Zinc	66-2	3548959	3635513	3630287	3604919	1.35	cps
Zirconium	90-1	263600	269810	260420	264610	1.80	cps
Zirconium	91-1	58215	62416	60047	60226	3.50	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2011283	2004867	1960728	1992293	1.38	cps
Antimony	121-1	29374	29199	28831	29135	0.95	cps
Arsenic	75-2	7081	6889	6749	6906	2.41	cps
Barium	135-1	258476	253605	259962	257348	1.29	cps
Barium	137-1	446746	463315	455435	455165	1.82	cps
Beryllium	9-1	1711	1677	1717	1702	1.26	cps
Bismuth	209-1	7398417	7344298	7587394	7443370	1.71	cps
Bismuth	209-2	4142979	4085540	3938788	4055769	2.60	cps
Boron	10-1	6224	6228	6162	6205	0.60	cps
Boron	11-1	27206	27362	27412	27327	0.39	cps
Bromine	81-1	44115	43974	41896	43328	2.87	cps
Cadmium	111-1	3922	4064	4183	4056	3.22	cps
Cadmium	106-1	5518	6118	6235	5957	6.46	cps
Cadmium	108-1	404	375	421	400	5.80	cps
Calcium	43-1	236189	237431	232207	235276	1.16	cps
Calcium	44-1	3775226	3921650	3816208	3837695	1.97	cps
Carbon	12-1	13498461	14334047	14440745	14091084	3.66	cps
Carbon	12-2	161210	159746	158289	159748	0.91	cps
Chlorine	35-1	192900442	203976675	206516725	201131281	3.60	cps
Chlorine	35-2	1604546	1591822	1542844	1579737	2.06	cps
Chromium	52-2	400648	389562	381605	390605	2.45	cps
Cobalt	59-2	218218	211350	210235	213268	2.03	cps
Copper	63-2	1104885	1099588	1061603	1088692	2.17	cps
Dysprosium	156-1	19456	19415	19106	19326	0.99	cps
Dysprosium	156-2	9137	9120	8673	8976	2.93	cps
Erbium	164-1	18547	19256	18497	18766	2.26	cps
Erbium	164-2	8576	8163	7749	8163	5.07	cps
Gadolinium	160-1	18689	19064	17996	18583	2.92	cps
Gadolinium	160-2	9684	9223	8846	9251	4.53	cps
Holmium	165-1	11216487	11423104	12109103	11582898	4.03	cps
Holmium	165-2	5740883	5630811	5334416	5568704	3.78	cps
Indium	115-1	9606341	9487077	10242238	9778552	4.15	cps
Indium	115-2	1632047	1578869	1627068	1612661	1.82	cps
Iron	54-2	10207338	10256945	9723939	10062741	2.93	cps
Iron	56-2	178650754	180918215	179504826	179691265	0.64	cps
Iron	57-2	4598097	4510368	4446876	4518447	1.68	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	482	441	456	460	4.54	cps
Lead	206-1	386022	409018	385106	393382	3.44	cps
Lead	207-1	326798	334300	324028	328375	1.62	cps
Lead	208-1	1525723	1574231	1518588	1539514	1.97	cps
Lithium	6-1	4885789	4924883	5185458	4998710	3.26	cps
Magnesium	24-2	1524085	1541059	1492280	1519141	1.63	cps
Manganese	55-2	1719069	1652026	1636617	1669237	2.63	cps
Molybdenum	94-1	35663	37557	35204	36141	3.45	cps
Molybdenum	95-1	32364	31896	31319	31859	1.64	cps
Molybdenum	96-1	41823	40711	40493	41009	1.74	cps
Molybdenum	97-1	19965	19948	19706	19873	0.73	cps
Molybdenum	98-1	51630	50576	50519	50908	1.23	cps
Neodymium	150-1	22306	21878	21504	21896	1.83	cps
Neodymium	150-2	7435	7412	7185	7344	1.88	cps
Nickel	60-2	623098	620105	592754	611986	2.73	cps
Phosphorus	31-2	6310	6135	6068	6171	2.02	cps
Potassium	39-2	107139	104662	102748	104850	2.10	cps
Rhodium	103-1	9332579	9562393	10123309	9672760	4.21	cps
Rhodium	103-2	4403321	4332977	4350165	4362154	0.84	cps
Scandium	45-1	7547952	7663668	7522829	7578150	0.99	cps
Scandium	45-2	269247	257499	257913	261553	2.55	cps
Selenium	82-1	236	274	300	270	11.87	cps
Selenium	77-2	50	40	33	41	20.41	cps
Selenium	78-2	146	153	137	145	5.52	cps
Silicon	28-1	6577753	6091015	5861017	6176595	5.92	cps
Silver	107-1	5443	6143	5710	5765	6.13	cps
Silver	109-1	5335	5393	5293	5340	0.94	cps
Sodium	23-2	144688	142652	140337	142559	1.53	cps
Strontium	86-1	88271	89253	91298	89607	1.72	cps
Strontium	88-1	759633	770272	759401	763102	0.81	cps
Sulfur	34-1	461128	454634	454271	456678	0.84	cps
Terbium	159-1	11591741	11885089	11977184	11818005	1.70	cps
Terbium	159-2	5468383	5332175	5437397	5412652	1.32	cps
Thallium	203-1	2117	2334	2275	2242	5.00	cps
Thallium	205-1	5018	4959	4834	4937	1.90	cps
Tin	118-1	42199	40920	40762	41294	1.91	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 12:59:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1029033	1032961	1025110	1029035	0.38	cps
Uranium	238-1	27697	27990	28767	28151	1.96	cps
Vanadium	51-2	1344544	1320576	1287352	1317491	2.18	cps
Ytterbium	172-1	6343	6477	5943	6254	4.44	cps
Ytterbium	172-2	3384	3278	3417	3360	2.16	cps
Ytterbium	176-1	5960	5393	5543	5632	5.22	cps
Ytterbium	176-2	13785	13407	12973	13388	3.03	cps
Yttrium	89-1	15022211	14559293	15796816	15126107	4.13	cps
Yttrium	89-2	1781268	1721039	1764442	1755583	1.77	cps
Zinc	66-2	647272	632738	622455	634155	1.97	cps
Zirconium	90-1	48369	47390	48009	47923	1.03	cps
Zirconium	91-1	10629	10863	10746	10746	1.09	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10246930	9764464	9636324	9882573	3.26	cps
Antimony	121-1	141276	139627	137565	139489	1.33	cps
Arsenic	75-2	36859	36452	36247	36519	0.85	cps
Barium	135-1	1578427	1465917	1505699	1516681	3.76	cps
Barium	137-1	2668883	2502905	2591264	2587684	3.21	cps
Beryllium	9-1	8534	8435	8299	8423	1.40	cps
Bismuth	209-1	9021773	9128017	9193804	9114531	0.95	cps
Bismuth	209-2	4299172	4395285	4255984	4316814	1.65	cps
Boron	10-1	10724	11428	11456	11203	3.70	cps
Boron	11-1	47305	49423	51066	49265	3.83	cps
Bromine	81-1	47690	48545	50874	49036	3.36	cps
Cadmium	111-1	15710	15808	15236	15585	1.96	cps
Cadmium	106-1	9645	9112	9137	9298	3.24	cps
Cadmium	108-1	2229	2009	2209	2149	5.68	cps
Calcium	43-1	1396845	1382480	1311243	1363523	3.36	cps
Calcium	44-1	21791089	21472137	21712907	21658711	0.77	cps
Carbon	12-1	61293666	67001560	67268135	65187787	5.18	cps
Carbon	12-2	733207	725296	718395	725633	1.02	cps
Chlorine	35-1	646043664	728167283	779536834	717915927	9.38	cps
Chlorine	35-2	6036774	6023228	6077359	6045787	0.47	cps
Chromium	52-2	2174726	2075111	2041019	2096952	3.31	cps
Cobalt	59-2	1113658	1051038	1070586	1078427	2.97	cps
Copper	63-2	5695104	5646957	5551148	5631070	1.30	cps
Dysprosium	156-1	109206	106138	103920	106421	2.49	cps
Dysprosium	156-2	46344	47444	47117	46968	1.20	cps
Erbium	164-1	107273	106645	102654	105524	2.37	cps
Erbium	164-2	43912	43735	43203	43617	0.85	cps
Gadolinium	160-1	104965	105056	102990	104337	1.12	cps
Gadolinium	160-2	50663	50137	47284	49361	3.68	cps
Holmium	165-1	12661866	12970282	12410229	12680792	2.21	cps
Holmium	165-2	5494953	5737540	5522882	5585125	2.38	cps
Indium	115-1	11143467	11004007	11168534	11105336	0.80	cps
Indium	115-2	1632843	1716454	1636429	1661909	2.84	cps
Iron	54-2	50857643	48885615	49038151	49593803	2.21	cps
Iron	56-2	916378932	893471798	891262864	900371198	1.54	cps
Iron	57-2	23163566	22377750	22647990	22729769	1.76	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	801	810	864	825	4.10	cps
Lead	206-1	2256327	2274070	2261999	2264132	0.40	cps
Lead	207-1	1917615	1895971	1867892	1893826	1.32	cps
Lead	208-1	8908152	8862312	8814438	8861634	0.53	cps
Lithium	6-1	5689676	5831112	5777839	5766209	1.24	cps
Magnesium	24-2	7601787	7516338	7403300	7507142	1.33	cps
Manganese	55-2	8369029	8041473	8029166	8146556	2.37	cps
Molybdenum	94-1	193039	195981	192639	193887	0.94	cps
Molybdenum	95-1	165050	163460	160252	162921	1.50	cps
Molybdenum	96-1	211886	218521	210356	213588	2.03	cps
Molybdenum	97-1	103930	101949	103419	103099	1.00	cps
Molybdenum	98-1	267823	262502	257949	262758	1.88	cps
Neodymium	150-1	128667	121001	119825	123165	3.90	cps
Neodymium	150-2	39662	38769	37519	38650	2.79	cps
Nickel	60-2	3400764	3341403	3196763	3312977	3.17	cps
Phosphorus	31-2	33999	33715	33422	33712	0.86	cps
Potassium	39-2	429082	412647	407920	416550	2.67	cps
Rhodium	103-1	10148658	9997577	9988882	10045039	0.89	cps
Rhodium	103-2	4295958	4326396	4324821	4315725	0.40	cps
Scandium	45-1	9366724	9535786	8944321	9282277	3.28	cps
Scandium	45-2	290027	293765	289596	291129	0.79	cps
Selenium	82-1	1316	1324	1206	1282	5.13	cps
Selenium	77-2	193	263	287	248	19.60	cps
Selenium	78-2	402	407	394	401	1.64	cps
Silicon	28-1	48195323	48033323	47234909	47821185	1.08	cps
Silver	107-1	43232	42141	29808	38394	19.42	cps
Silver	109-1	40395	39701	29475	36524	16.74	cps
Sodium	23-2	510930	500734	501733	504466	1.11	cps
Strontium	86-1	503514	493191	488370	495025	1.56	cps
Strontium	88-1	4333412	4209165	4173764	4238780	1.98	cps
Sulfur	34-1	733550	717696	711847	721031	1.56	cps
Terbium	159-1	13240236	13284081	12912873	13145730	1.54	cps
Terbium	159-2	5331792	5630211	5478912	5480305	2.72	cps
Thallium	203-1	5918	6544	6193	6218	5.04	cps
Thallium	205-1	14942	15735	15184	15287	2.66	cps
Tin	118-1	227492	226711	228904	227703	0.49	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:02:08	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5528283	5376170	5378136	5427530	1.61	cps
Uranium	238-1	156360	156334	154329	155674	0.75	cps
Vanadium	51-2	6763087	6525031	6417279	6568466	2.69	cps
Ytterbium	172-1	34245	33752	33827	33941	0.78	cps
Ytterbium	172-2	16633	16644	16416	16564	0.78	cps
Ytterbium	176-1	24791	22996	23505	23764	3.89	cps
Ytterbium	176-2	21746	22481	21662	21963	2.05	cps
Yttrium	89-1	17711660	17849404	17735031	17765365	0.41	cps
Yttrium	89-2	1858471	1930613	1815867	1868317	3.10	cps
Zinc	66-2	3413299	3474376	3314412	3400696	2.37	cps
Zirconium	90-1	283447	280464	276767	280226	1.19	cps
Zirconium	91-1	65052	64241	63094	64129	1.53	cps

LB Number : LB124446 Operator : Jaswal
 Lab Sample ID : O1829-10DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SS-10-20230306DUPDL Dilution Factor : 5
 Date & Time Acquired : 2023-03-10 13:04:56 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1866384	1749809	1768220	1794804	3.49	cps
Antimony	121-1	24331	23988	24239	24186	0.73	cps
Arsenic	75-2	6107	5866	5763	5912	2.99	cps
Barium	135-1	244029	248522	246105	246219	0.91	cps
Barium	137-1	437367	425738	431408	431504	1.35	cps
Beryllium	9-1	1519	1584	1535	1546	2.19	cps
Bismuth	209-1	7483202	7321450	7209968	7338207	1.87	cps
Bismuth	209-2	3847387	3869306	3980498	3899064	1.83	cps
Boron	10-1	5078	5118	5026	5074	0.91	cps
Boron	11-1	22409	22387	22212	22336	0.48	cps
Bromine	81-1	41645	41635	41574	41618	0.09	cps
Cadmium	111-1	3619	3742	3686	3682	1.68	cps
Cadmium	106-1	5201	5935	5368	5501	6.99	cps
Cadmium	108-1	333	417	317	356	15.07	cps
Calcium	43-1	222279	223997	218026	221434	1.39	cps
Calcium	44-1	3581672	3600386	3580276	3587445	0.31	cps
Carbon	12-1	13274508	13734120	13627430	13545353	1.78	cps
Carbon	12-2	155248	153319	149876	152814	1.78	cps
Chlorine	35-1	196370329	201556021	199218504	199048285	1.30	cps
Chlorine	35-2	1483955	1450063	1462044	1465354	1.17	cps
Chromium	52-2	351602	340449	335199	342417	2.45	cps
Cobalt	59-2	192171	188343	184765	188426	1.97	cps
Copper	63-2	995232	988075	942374	975227	2.94	cps
Dysprosium	156-1	17170	18455	17837	17821	3.61	cps
Dysprosium	156-2	8256	8093	8299	8216	1.33	cps
Erbium	164-1	17912	17529	18196	17879	1.87	cps
Erbium	164-2	7472	7796	7549	7606	2.22	cps
Gadolinium	160-1	17754	17370	17913	17679	1.58	cps
Gadolinium	160-2	8763	8803	8396	8654	2.59	cps
Holmium	165-1	11387399	10956855	11116896	11153717	1.95	cps
Holmium	165-2	5079249	5133371	5340826	5184482	2.66	cps
Indium	115-1	9121417	9221528	9301502	9214815	0.98	cps
Indium	115-2	1480208	1454333	1530643	1488395	2.61	cps
Iron	54-2	8864843	8673392	8315077	8617770	3.24	cps
Iron	56-2	159981681	158321092	154474909	157592561	1.79	cps
Iron	57-2	4050399	3944514	3986045	3993653	1.34	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:04:56	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	482	455	434	457	5.35	cps
Lead	206-1	374644	375298	368694	372879	0.98	cps
Lead	207-1	314208	312685	307817	311570	1.07	cps
Lead	208-1	1466159	1456693	1437321	1453391	1.01	cps
Lithium	6-1	4867655	4854874	4935055	4885862	0.88	cps
Magnesium	24-2	1383199	1353064	1341360	1359208	1.59	cps
Manganese	55-2	1455907	1428815	1393814	1426179	2.18	cps
Molybdenum	94-1	32664	32514	34009	33062	2.49	cps
Molybdenum	95-1	26927	28622	27854	27801	3.05	cps
Molybdenum	96-1	35981	36482	35020	35828	2.07	cps
Molybdenum	97-1	17386	17086	17261	17245	0.87	cps
Molybdenum	98-1	44439	44355	43929	44241	0.62	cps
Neodymium	150-1	21604	21117	20082	20934	3.71	cps
Neodymium	150-2	6905	6585	6435	6642	3.62	cps
Nickel	60-2	549062	547612	531200	542625	1.83	cps
Phosphorus	31-2	6051	5643	5368	5687	6.05	cps
Potassium	39-2	93528	89830	87356	90238	3.44	cps
Rhodium	103-1	8831567	9009965	8856334	8899289	1.09	cps
Rhodium	103-2	4085995	4082757	4225842	4131531	1.98	cps
Scandium	45-1	7012808	7017159	7106083	7045350	0.75	cps
Scandium	45-2	237067	230283	241831	236394	2.45	cps
Selenium	82-1	164	236	262	221	23.16	cps
Selenium	77-2	47	40	33	40	16.68	cps
Selenium	78-2	134	113	128	125	8.65	cps
Silicon	28-1	8682773	8588046	8576402	8615740	0.68	cps
Silver	107-1	3917	3776	3159	3617	11.15	cps
Silver	109-1	3942	3759	3751	3817	2.84	cps
Sodium	23-2	119680	115262	113380	116108	2.79	cps
Strontium	86-1	84263	85043	80508	83271	2.91	cps
Strontium	88-1	697226	715171	707846	706748	1.28	cps
Sulfur	34-1	409981	406218	400471	405557	1.18	cps
Terbium	159-1	11435439	11598795	11043234	11359156	2.51	cps
Terbium	159-2	5175457	5051932	5296499	5174629	2.36	cps
Thallium	203-1	1308	1542	1475	1442	8.34	cps
Thallium	205-1	3717	3984	3100	3601	12.59	cps
Tin	118-1	38547	38254	39399	38734	1.54	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:04:56	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	917332	910535	910636	912834	0.43	cps
Uranium	238-1	28341	26153	25627	26707	5.39	cps
Vanadium	51-2	1129391	1097184	1105710	1110762	1.50	cps
Ytterbium	172-1	5243	6327	5985	5851	9.47	cps
Ytterbium	172-2	3184	2867	3134	3062	5.56	cps
Ytterbium	176-1	5543	5860	5651	5685	2.83	cps
Ytterbium	176-2	12651	12945	13107	12901	1.79	cps
Yttrium	89-1	13977135	13996279	13857121	13943511	0.54	cps
Yttrium	89-2	1615279	1557187	1625484	1599317	2.30	cps
Zinc	66-2	584247	566972	535836	562352	4.36	cps
Zirconium	90-1	46980	46018	47440	46813	1.55	cps
Zirconium	91-1	10429	10279	10838	10515	2.75	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1793406	1724028	1728382	1748605	2.22	cps
Antimony	121-1	25057	25842	25349	25416	1.56	cps
Arsenic	75-2	6222	5940	5860	6007	3.17	cps
Barium	135-1	238108	237458	242702	239423	1.19	cps
Barium	137-1	403404	416780	415059	411748	1.77	cps
Beryllium	9-1	1486	1519	1587	1531	3.38	cps
Bismuth	209-1	7438952	6786338	7341288	7188860	4.90	cps
Bismuth	209-2	3780762	3850009	3895956	3842242	1.51	cps
Boron	10-1	4794	4564	4852	4737	3.22	cps
Boron	11-1	19225	19940	20310	19825	2.78	cps
Bromine	81-1	38312	39487	40109	39303	2.32	cps
Cadmium	111-1	3605	3507	3637	3583	1.88	cps
Cadmium	106-1	5451	5193	5401	5348	2.56	cps
Cadmium	108-1	350	338	308	332	6.44	cps
Calcium	43-1	205254	215310	209532	210032	2.40	cps
Calcium	44-1	3381843	3565610	3440283	3462578	2.71	cps
Carbon	12-1	11984981	12916429	13008639	12636683	4.48	cps
Carbon	12-2	145803	141224	142436	143154	1.66	cps
Chlorine	35-1	139984199	155058816	158251062	151098026	6.46	cps
Chlorine	35-2	1262557	1237151	1264975	1254894	1.23	cps
Chromium	52-2	346715	341853	333770	340779	1.92	cps
Cobalt	59-2	190847	186493	180580	185974	2.77	cps
Copper	63-2	983292	977071	943143	967835	2.23	cps
Dysprosium	156-1	17020	17161	18063	17415	3.25	cps
Dysprosium	156-2	8693	8012	8083	8263	4.53	cps
Erbium	164-1	16619	17545	17178	17114	2.73	cps
Erbium	164-2	7869	7662	7215	7582	4.41	cps
Gadolinium	160-1	16577	16494	17570	16881	3.55	cps
Gadolinium	160-2	8740	8880	8396	8672	2.87	cps
Holmium	165-1	11754129	10157120	11279596	11063615	7.41	cps
Holmium	165-2	5167543	5182856	5305415	5218605	1.45	cps
Indium	115-1	9535134	8413173	9083457	9010588	6.27	cps
Indium	115-2	1435853	1477563	1490386	1467934	1.94	cps
Iron	54-2	9013601	8666876	8308065	8662848	4.07	cps
Iron	56-2	163372354	159038304	154668415	159026357	2.74	cps
Iron	57-2	4057454	4018117	3885037	3986869	2.27	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	414	401	407	407	1.53	cps
Lead	206-1	366610	358706	364660	363326	1.13	cps
Lead	207-1	301099	304272	307223	304198	1.01	cps
Lead	208-1	1414949	1437047	1437668	1429888	0.91	cps
Lithium	6-1	5044502	4681105	4795831	4840480	3.84	cps
Magnesium	24-2	1406821	1349765	1305086	1353891	3.77	cps
Manganese	55-2	1505396	1461464	1394411	1453757	3.84	cps
Molybdenum	94-1	31336	32823	31779	31979	2.39	cps
Molybdenum	95-1	27686	28713	28613	28338	2.00	cps
Molybdenum	96-1	36106	36365	36081	36184	0.43	cps
Molybdenum	97-1	17119	18212	17987	17773	3.25	cps
Molybdenum	98-1	44330	44121	44907	44453	0.92	cps
Neodymium	150-1	19501	20209	19962	19891	1.81	cps
Neodymium	150-2	6952	6418	6618	6663	4.05	cps
Nickel	60-2	558465	544986	524173	542541	3.18	cps
Phosphorus	31-2	5334	5368	5143	5282	2.30	cps
Potassium	39-2	87012	83760	85159	85311	1.91	cps
Rhodium	103-1	9600920	8212576	8627873	8813790	8.09	cps
Rhodium	103-2	4035902	4093713	4066567	4065394	0.71	cps
Scandium	45-1	7376223	6397512	6969371	6914369	7.11	cps
Scandium	45-2	225756	224850	231717	227441	1.64	cps
Selenium	82-1	201	264	216	227	14.37	cps
Selenium	77-2	27	40	83	50	59.25	cps
Selenium	78-2	119	108	141	123	13.70	cps
Silicon	28-1	5665431	5940955	5861457	5822614	2.44	cps
Silver	107-1	3184	3342	3100	3209	3.83	cps
Silver	109-1	3017	3159	3050	3075	2.41	cps
Sodium	23-2	114002	110980	106378	110453	3.48	cps
Strontium	86-1	78513	78061	80927	79167	1.95	cps
Strontium	88-1	674528	673666	678942	675712	0.42	cps
Sulfur	34-1	400616	399986	401660	400754	0.21	cps
Terbium	159-1	11832359	10378244	11009054	11073219	6.59	cps
Terbium	159-2	5015161	4996858	5255404	5089141	2.84	cps
Thallium	203-1	1308	1492	1308	1370	7.73	cps
Thallium	205-1	3050	2842	2967	2953	3.55	cps
Tin	118-1	35973	37076	36900	36650	1.62	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:07:53	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	906057	916908	906460	909808	0.68	cps
Uranium	238-1	25568	27363	27639	26857	4.19	cps
Vanadium	51-2	1126092	1111584	1065368	1101015	2.88	cps
Ytterbium	172-1	5335	5443	5743	5507	3.84	cps
Ytterbium	172-2	3089	2756	2761	2869	6.65	cps
Ytterbium	176-1	5268	5301	5501	5357	2.36	cps
Ytterbium	176-2	12206	12562	12300	12356	1.49	cps
Yttrium	89-1	15131666	12389422	13783241	13768110	9.96	cps
Yttrium	89-2	1505018	1568384	1549555	1540986	2.11	cps
Zinc	66-2	570723	546664	550593	555993	2.32	cps
Zirconium	90-1	42800	43218	41571	42530	2.01	cps
Zirconium	91-1	9203	9862	8928	9331	5.14	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337268	334329	323829	331809	2.13	cps
Antimony	121-1	5126	5051	4876	5018	2.56	cps
Arsenic	75-2	1190	1205	1119	1172	3.92	cps
Barium	135-1	45795	46715	44926	45812	1.95	cps
Barium	137-1	82402	82410	78529	81114	2.76	cps
Beryllium	9-1	394	396	400	397	0.79	cps
Bismuth	209-1	6283201	7093501	6848901	6741868	6.16	cps
Bismuth	209-2	3794265	3916061	3902579	3870968	1.72	cps
Boron	10-1	3256	3316	3144	3238	2.70	cps
Boron	11-1	13944	13720	13417	13694	1.93	cps
Bromine	81-1	37991	38342	36796	37710	2.15	cps
Cadmium	111-1	1416	1371	1351	1379	2.42	cps
Cadmium	106-1	4684	4909	4109	4568	9.04	cps
Cadmium	108-1	79	88	79	82	5.87	cps
Calcium	43-1	41686	40549	41363	41199	1.42	cps
Calcium	44-1	676653	678984	670562	675400	0.64	cps
Carbon	12-1	5852841	5887314	5999364	5913173	1.30	cps
Carbon	12-2	69431	68611	68761	68934	0.63	cps
Chlorine	35-1	49997430	51423224	51041086	50820580	1.45	cps
Chlorine	35-2	364495	350705	342308	352502	3.18	cps
Chromium	52-2	69341	66487	64984	66937	3.31	cps
Cobalt	59-2	37072	37035	35264	36457	2.83	cps
Copper	63-2	194987	189151	185110	189749	2.62	cps
Dysprosium	156-1	3501	3459	3401	3453	1.45	cps
Dysprosium	156-2	1560	1713	1503	1592	6.82	cps
Erbium	164-1	3651	3451	3876	3659	5.81	cps
Erbium	164-2	1557	1383	1367	1436	7.33	cps
Gadolinium	160-1	3592	3317	3509	3473	4.06	cps
Gadolinium	160-2	1780	1707	1770	1752	2.27	cps
Holmium	165-1	9745550	10722907	10682825	10383761	5.33	cps
Holmium	165-2	5248689	5330943	5207184	5262272	1.20	cps
Indium	115-1	7949882	8803752	9045474	8599703	6.69	cps
Indium	115-2	1475475	1485326	1445452	1468751	1.41	cps
Iron	54-2	1787476	1719503	1704751	1737244	2.54	cps
Iron	56-2	31887463	30826457	30283425	30999115	2.63	cps
Iron	57-2	774592	742536	739365	752164	2.59	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	417	356	365	380	8.73	cps
Lead	206-1	73290	74777	76369	74812	2.06	cps
Lead	207-1	61921	63969	61558	62483	2.08	cps
Lead	208-1	287742	294299	291316	291119	1.13	cps
Lithium	6-1	4123197	4543154	4598222	4421524	5.88	cps
Magnesium	24-2	261201	251391	249259	253950	2.51	cps
Manganese	55-2	278699	272186	265343	272076	2.45	cps
Molybdenum	94-1	6869	6360	6260	6496	5.02	cps
Molybdenum	95-1	5918	5693	5835	5815	1.96	cps
Molybdenum	96-1	7319	7652	7544	7505	2.27	cps
Molybdenum	97-1	3559	3959	3376	3631	8.22	cps
Molybdenum	98-1	9045	8961	9237	9081	1.55	cps
Neodymium	150-1	4247	3701	3901	3950	7.01	cps
Neodymium	150-2	1373	1243	1377	1331	5.71	cps
Nickel	60-2	108914	102822	101475	104404	3.80	cps
Phosphorus	31-2	1133	1183	1025	1114	7.27	cps
Potassium	39-2	34634	36196	35812	35547	2.29	cps
Rhodium	103-1	7728988	8659451	8517220	8301887	6.04	cps
Rhodium	103-2	4122348	4055050	4031526	4069641	1.16	cps
Scandium	45-1	5874663	6601858	6450157	6308893	6.08	cps
Scandium	45-2	228870	227764	224331	226988	1.04	cps
Selenium	82-1	42	51	58	50	14.96	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	91	78	66	78	15.96	cps
Silicon	28-1	1653593	1613020	1599359	1621990	1.74	cps
Silver	107-1	1142	967	1108	1072	8.67	cps
Silver	109-1	1058	892	900	950	9.89	cps
Sodium	23-2	47996	46826	46508	47110	1.66	cps
Strontium	86-1	16335	16143	15834	16104	1.57	cps
Strontium	88-1	137981	132808	133799	134862	2.04	cps
Sulfur	34-1	351773	352420	347376	350523	0.78	cps
Terbium	159-1	10234345	11001765	10868038	10701383	3.83	cps
Terbium	159-2	5027789	5176625	5156442	5120285	1.58	cps
Thallium	203-1	417	467	492	458	8.33	cps
Thallium	205-1	992	908	858	920	7.33	cps
Tin	118-1	7611	7602	7352	7522	1.95	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-10 13:10:47	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	179846	180458	181266	180523	0.39	cps
Uranium	238-1	5318	5443	5260	5340	1.76	cps
Vanadium	51-2	219285	212719	211122	214375	2.02	cps
Ytterbium	172-1	1175	1359	1067	1200	12.29	cps
Ytterbium	172-2	606	606	583	598	2.15	cps
Ytterbium	176-1	2109	2675	2134	2306	13.89	cps
Ytterbium	176-2	10938	11483	11238	11220	2.43	cps
Yttrium	89-1	12061074	13114571	13502112	12892586	5.78	cps
Yttrium	89-2	1590385	1579416	1533149	1567650	1.94	cps
Zinc	66-2	111979	110427	105413	109273	3.14	cps
Zirconium	90-1	9328	8061	8711	8700	7.29	cps
Zirconium	91-1	1909	2075	2000	1995	4.18	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10811461	10120282	10374251	10435332	3.35	cps
Antimony	121-1	2516824	2622565	2608197	2582529	2.22	cps
Arsenic	75-2	139051	135645	135142	136613	1.56	cps
Barium	135-1	6002332	6106003	6131692	6080009	1.13	cps
Barium	137-1	10349558	11006528	10239979	10532022	3.94	cps
Beryllium	9-1	1496724	1558895	1494561	1516727	2.41	cps
Bismuth	209-1	7983289	7972129	7860959	7938793	0.85	cps
Bismuth	209-2	3881724	4007700	3974171	3954531	1.65	cps
Boron	10-1	183983	195530	198576	192696	3.99	cps
Boron	11-1	808421	866500	893454	856125	5.08	cps
Bromine	81-1	46465	47429	48001	47299	1.64	cps
Cadmium	111-1	984985	1006143	1006998	999375	1.25	cps
Cadmium	106-1	118635	121384	122198	120739	1.55	cps
Cadmium	108-1	78099	80162	79247	79169	1.31	cps
Calcium	43-1	2984327	3019131	3057051	3020169	1.20	cps
Calcium	44-1	48398055	48922562	48731010	48683876	0.55	cps
Carbon	12-1	66330541	71661943	73004881	70332455	5.02	cps
Carbon	12-2	788011	771490	777115	778872	1.08	cps
Chlorine	35-1	538900162	614240064	642675231	598605152	8.96	cps
Chlorine	35-2	4938809	4917482	4970268	4942186	0.54	cps
Chromium	52-2	4249200	4150439	4044265	4147968	2.47	cps
Cobalt	59-2	3724643	3657265	3685643	3689184	0.92	cps
Copper	63-2	23248619	22539904	22376487	22721670	2.04	cps
Dysprosium	156-1	125212	132774	130850	129612	3.03	cps
Dysprosium	156-2	59666	57537	57209	58138	2.29	cps
Erbium	164-1	131113	135262	133535	133304	1.56	cps
Erbium	164-2	56777	56008	53745	55510	2.84	cps
Gadolinium	160-1	126499	128542	129400	128147	1.16	cps
Gadolinium	160-2	62094	60383	58689	60388	2.82	cps
Holmium	165-1	12467766	12329141	12293236	12363381	0.75	cps
Holmium	165-2	5446926	5480342	5204210	5377159	2.80	cps
Indium	115-1	10009985	9805452	9661522	9825653	1.78	cps
Indium	115-2	1487486	1447382	1441558	1458809	1.71	cps
Iron	54-2	56742298	54891882	55366011	55666730	1.73	cps
Iron	56-2	1016868512	1021930156	1016079778	1018292815	0.31	cps
Iron	57-2	25138765	24985578	25492524	25205623	1.03	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	709	805	792	769	6.81	cps
Lead	206-1	17845926	17692896	17694009	17744277	0.50	cps
Lead	207-1	14920498	15332303	15182466	15145089	1.38	cps
Lead	208-1	69478549	70627556	70198030	70101379	0.83	cps
Lithium	6-1	5498118	5609464	5674454	5594012	1.59	cps
Magnesium	24-2	19947963	19251214	19635636	19611605	1.78	cps
Manganese	55-2	14868022	14219294	13973418	14353578	3.22	cps
Molybdenum	94-1	7290379	7398052	7403500	7363977	0.87	cps
Molybdenum	95-1	8227928	8538862	8173892	8313561	2.37	cps
Molybdenum	96-1	9361962	9388222	9406966	9385717	0.24	cps
Molybdenum	97-1	5023755	5157547	5109754	5097019	1.33	cps
Molybdenum	98-1	12926340	12907188	13191476	13008335	1.22	cps
Neodymium	150-1	146084	151406	145376	147622	2.23	cps
Neodymium	150-2	47501	45825	44333	45886	3.45	cps
Nickel	60-2	4540477	4478365	4496774	4505205	0.71	cps
Phosphorus	31-2	29689	27994	28136	28607	3.29	cps
Potassium	39-2	3158149	3124446	3008751	3097115	2.53	cps
Rhodium	103-1	9135303	9226462	9186873	9182879	0.50	cps
Rhodium	103-2	4023702	3994613	3883732	3967349	1.86	cps
Scandium	45-1	8701577	8302893	8749505	8584658	2.86	cps
Scandium	45-2	269157	263760	259274	264064	1.87	cps
Selenium	82-1	97282	99540	101273	99365	2.01	cps
Selenium	77-2	3334	3287	3350	3324	0.99	cps
Selenium	78-2	10289	10278	10066	10211	1.23	cps
Silicon	28-1	45834733	47033401	45657231	46175122	1.62	cps
Silver	107-1	5064714	5141398	4973214	5059775	1.66	cps
Silver	109-1	4873287	4896977	4869521	4879929	0.31	cps
Sodium	23-2	18051870	17417000	18166761	17878544	2.26	cps
Strontium	86-1	1888200	1912778	1956485	1919154	1.80	cps
Strontium	88-1	15988311	16828145	16410422	16408959	2.56	cps
Sulfur	34-1	776710	786110	780567	781129	0.60	cps
Terbium	159-1	12385562	12558456	12371691	12438570	0.84	cps
Terbium	159-2	5342887	5299930	5137956	5260258	2.05	cps
Thallium	203-1	3507406	3520669	3562384	3530153	0.81	cps
Thallium	205-1	8165907	8513511	8333473	8337630	2.08	cps
Tin	118-1	3225991	3266453	3235517	3242653	0.65	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:19:30	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9866789	9968294	10331390	10055491	2.43	cps
Uranium	238-1	11758524	12187982	12261239	12069248	2.25	cps
Vanadium	51-2	7911259	7699747	7532170	7714392	2.46	cps
Ytterbium	172-1	43305	46257	45479	45014	3.40	cps
Ytterbium	172-2	22069	21479	21601	21716	1.43	cps
Ytterbium	176-1	37020	38574	38056	37883	2.09	cps
Ytterbium	176-2	28626	28030	28091	28249	1.16	cps
Yttrium	89-1	17448821	16792765	17127923	17123169	1.92	cps
Yttrium	89-2	1814537	1783670	1801526	1799911	0.86	cps
Zinc	66-2	5525412	5295815	5236670	5352632	2.85	cps
Zirconium	90-1	7135423	7464431	7532073	7377309	2.88	cps
Zirconium	91-1	1597895	1654403	1668572	1640290	2.28	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1991768	1943688	1860709	1932055	3.43	cps
Antimony	121-1	436807	444940	445091	442279	1.07	cps
Arsenic	75-2	25060	24423	23886	24456	2.40	cps
Barium	135-1	1063453	1083513	1066943	1071303	1.00	cps
Barium	137-1	1855507	1840680	1865121	1853769	0.66	cps
Beryllium	9-1	266131	272429	268965	269175	1.17	cps
Bismuth	209-1	7248353	7109235	6928056	7095215	2.26	cps
Bismuth	209-2	3797675	3728783	3706155	3744204	1.27	cps
Boron	10-1	47913	50903	51016	49944	3.52	cps
Boron	11-1	210466	219503	222339	217436	2.85	cps
Bromine	81-1	38373	38172	38623	38389	0.59	cps
Cadmium	111-1	182757	187012	184605	184791	1.15	cps
Cadmium	106-1	25007	26017	26092	25705	2.36	cps
Cadmium	108-1	14291	14520	14779	14530	1.68	cps
Calcium	43-1	524431	533343	522468	526747	1.10	cps
Calcium	44-1	8476860	8651052	8747512	8625141	1.59	cps
Carbon	12-1	15913293	16699145	16762600	16458346	2.87	cps
Carbon	12-2	187787	182033	180430	183417	2.11	cps
Chlorine	35-1	170529658	176501462	176092429	174374516	1.91	cps
Chlorine	35-2	1301191	1275994	1259001	1278728	1.66	cps
Chromium	52-2	749621	721496	715268	728795	2.51	cps
Cobalt	59-2	673146	650645	637943	653911	2.73	cps
Copper	63-2	4290480	4282992	4215175	4262882	0.97	cps
Dysprosium	156-1	23346	23480	23680	23502	0.72	cps
Dysprosium	156-2	10965	10821	10431	10739	2.57	cps
Erbium	164-1	24573	24148	23688	24136	1.83	cps
Erbium	164-2	10461	10171	9834	10155	3.09	cps
Gadolinium	160-1	22395	23137	22737	22756	1.63	cps
Gadolinium	160-2	11375	10868	11108	11117	2.28	cps
Holmium	165-1	10924007	11199901	11210482	11111463	1.46	cps
Holmium	165-2	5116506	5060981	5022560	5066682	0.93	cps
Indium	115-1	8702629	8753207	8607816	8687884	0.85	cps
Indium	115-2	1411037	1359364	1406982	1392461	2.06	cps
Iron	54-2	10493266	10372696	10147645	10337869	1.70	cps
Iron	56-2	194388493	187343060	183566682	188432745	2.91	cps
Iron	57-2	4913266	4730526	4594894	4746229	3.37	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	444	421	425	430	2.80	cps
Lead	206-1	3272850	3410798	3228139	3303929	2.88	cps
Lead	207-1	2776831	2930028	2827268	2844709	2.74	cps
Lead	208-1	12974209	13366261	12829127	13056532	2.13	cps
Lithium	6-1	4753618	4788423	4649502	4730514	1.53	cps
Magnesium	24-2	3779845	3572447	3706495	3686262	2.85	cps
Manganese	55-2	2738731	2652217	2694415	2695121	1.61	cps
Molybdenum	94-1	1253822	1326321	1305063	1295069	2.88	cps
Molybdenum	95-1	1427448	1478499	1451660	1452535	1.76	cps
Molybdenum	96-1	1607535	1660096	1661040	1642890	1.86	cps
Molybdenum	97-1	873544	898757	907294	893198	1.96	cps
Molybdenum	98-1	2288423	2334943	2346688	2323351	1.33	cps
Neodymium	150-1	25184	26132	26273	25863	2.29	cps
Neodymium	150-2	8886	8279	8203	8456	4.43	cps
Nickel	60-2	827945	804502	788094	806847	2.48	cps
Phosphorus	31-2	5118	5376	5143	5212	2.73	cps
Potassium	39-2	576272	571451	551273	566332	2.34	cps
Rhodium	103-1	8304574	8726408	8559821	8530268	2.49	cps
Rhodium	103-2	4052179	3867315	3906539	3942011	2.47	cps
Scandium	45-1	6798793	6906509	6716395	6807232	1.40	cps
Scandium	45-2	222401	214509	214885	217265	2.05	cps
Selenium	82-1	17043	17185	17423	17217	1.12	cps
Selenium	77-2	567	510	507	528	6.39	cps
Selenium	78-2	1852	1817	1779	1816	2.01	cps
Silicon	28-1	9023815	9032692	8967734	9008080	0.39	cps
Silver	107-1	883889	918335	918190	906805	2.19	cps
Silver	109-1	860828	878841	882390	874020	1.32	cps
Sodium	23-2	3327887	3358806	3247492	3311395	1.74	cps
Strontium	86-1	325228	334061	325700	328330	1.51	cps
Strontium	88-1	2825963	2873180	2871865	2857003	0.94	cps
Sulfur	34-1	402842	409199	410202	407414	0.98	cps
Terbium	159-1	11271413	11176472	11118756	11188880	0.69	cps
Terbium	159-2	5043556	5046020	4878334	4989303	1.93	cps
Thallium	203-1	620674	635315	651765	635918	2.45	cps
Thallium	205-1	1492119	1539796	1510703	1514206	1.59	cps
Tin	118-1	576569	577495	578928	577664	0.21	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:22:19	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1750523	1780852	1793012	1774795	1.23	cps
Uranium	238-1	2221031	2260784	2183827	2221881	1.73	cps
Vanadium	51-2	1444186	1440517	1374229	1419644	2.77	cps
Ytterbium	172-1	8686	7869	8028	8194	5.29	cps
Ytterbium	172-2	4212	3767	3617	3865	8.00	cps
Ytterbium	176-1	7903	8086	8236	8075	2.07	cps
Ytterbium	176-2	12973	12957	13390	13107	1.87	cps
Yttrium	89-1	13600317	13509184	13183895	13431132	1.63	cps
Yttrium	89-2	1509198	1485186	1510632	1501672	0.95	cps
Zinc	66-2	1014116	996669	975849	995545	1.92	cps
Zirconium	90-1	1282416	1324989	1297139	1301514	1.66	cps
Zirconium	91-1	281778	289721	283086	284862	1.50	cps

LB Number : LB124446 Operator : Jaswal
 Lab Sample ID : O1829-12DLX5 Instrumnet Name : P8
 Client Sample ID : SS-10-20230306MSDDL Dilution Factor : 5
 Date & Time Acquired : 2023-03-10 13:25:09 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2255246	2194873	2080383	2176834	4.08	cps
Antimony	121-1	435063	436690	441641	437798	0.78	cps
Arsenic	75-2	24631	24026	23630	24096	2.09	cps
Barium	135-1	1011031	1032285	1038050	1027122	1.39	cps
Barium	137-1	1814480	1856676	1795383	1822180	1.72	cps
Beryllium	9-1	269181	274018	268471	270556	1.12	cps
Bismuth	209-1	7175784	7182879	7250992	7203218	0.58	cps
Bismuth	209-2	3809896	3716878	3805086	3777287	1.39	cps
Boron	10-1	42880	45210	45978	44689	3.61	cps
Boron	11-1	185809	192693	198694	192398	3.35	cps
Bromine	81-1	37067	39075	38302	38148	2.65	cps
Cadmium	111-1	177632	181354	184297	181094	1.84	cps
Cadmium	106-1	25031	26092	26727	25950	3.30	cps
Cadmium	108-1	13736	14458	13674	13956	3.12	cps
Calcium	43-1	513702	524431	517074	518402	1.06	cps
Calcium	44-1	8413386	8571656	8377905	8454315	1.22	cps
Carbon	12-1	13080376	13916229	14242317	13746307	4.36	cps
Carbon	12-2	156065	157158	154683	155969	0.80	cps
Chlorine	35-1	121151278	134560174	137139386	130950279	6.55	cps
Chlorine	35-2	1044929	1024127	1023035	1030697	1.20	cps
Chromium	52-2	593530	575308	554307	574382	3.42	cps
Cobalt	59-2	575655	555605	535126	555462	3.65	cps
Copper	63-2	3884379	3905055	3804503	3864646	1.37	cps
Dysprosium	156-1	22937	23613	22870	23140	1.78	cps
Dysprosium	156-2	10061	10524	10054	10213	2.64	cps
Erbium	164-1	23580	25417	25391	24796	4.25	cps
Erbium	164-2	10918	10501	9897	10439	4.92	cps
Gadolinium	160-1	22403	23296	23329	23009	2.28	cps
Gadolinium	160-2	11115	10858	10895	10956	1.27	cps
Holmium	165-1	10449926	10991330	10809511	10750256	2.56	cps
Holmium	165-2	5104444	5046480	5166638	5105854	1.18	cps
Indium	115-1	8879280	8806213	8699726	8795073	1.03	cps
Indium	115-2	1404382	1399841	1404134	1402785	0.18	cps
Iron	54-2	10047037	9830630	9243278	9706982	4.28	cps
Iron	56-2	185215093	176206421	169858298	177093271	4.36	cps
Iron	57-2	4488196	4371989	4335350	4398512	1.81	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:25:09	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	405	477	360	414	14.31	cps
Lead	206-1	3097782	3189012	3244851	3177215	2.34	cps
Lead	207-1	2677024	2792937	2748558	2739506	2.13	cps
Lead	208-1	12247088	12752897	12531848	12510611	2.03	cps
Lithium	6-1	4655105	4876972	4845651	4792576	2.51	cps
Magnesium	24-2	3872110	3743208	3779067	3798128	1.75	cps
Manganese	55-2	2732869	2665235	2544311	2647472	3.61	cps
Molybdenum	94-1	1217617	1252338	1250055	1240003	1.57	cps
Molybdenum	95-1	1337248	1415091	1385135	1379158	2.85	cps
Molybdenum	96-1	1569845	1610257	1575281	1585128	1.38	cps
Molybdenum	97-1	841631	864096	856657	854128	1.34	cps
Molybdenum	98-1	2128005	2209506	2253853	2197121	2.91	cps
Neodymium	150-1	25144	26840	26560	26181	3.47	cps
Neodymium	150-2	8493	8206	8023	8240	2.88	cps
Nickel	60-2	618457	596901	587310	600889	2.65	cps
Phosphorus	31-2	5226	4418	4409	4684	10.02	cps
Potassium	39-2	577779	565089	550134	564334	2.45	cps
Rhodium	103-1	8406070	8513609	8688668	8536116	1.67	cps
Rhodium	103-2	3954461	4048679	4001176	4001439	1.18	cps
Scandium	45-1	6689210	6737854	6818904	6748656	0.97	cps
Scandium	45-2	224924	224148	221877	223650	0.71	cps
Selenium	82-1	16493	16613	16870	16659	1.15	cps
Selenium	77-2	537	623	590	583	7.50	cps
Selenium	78-2	1891	1821	1792	1835	2.77	cps
Silicon	28-1	9636397	10376350	10102014	10038253	3.73	cps
Silver	107-1	939467	974139	968362	960656	1.93	cps
Silver	109-1	908678	935148	936463	926763	1.69	cps
Sodium	23-2	3345468	3285865	3173600	3268311	2.67	cps
Strontium	86-1	312591	327211	322170	320657	2.32	cps
Strontium	88-1	2713204	2876648	2905885	2831912	3.67	cps
Sulfur	34-1	390414	398030	399681	396042	1.25	cps
Terbium	159-1	11163670	11500952	11486573	11383732	1.68	cps
Terbium	159-2	5065655	5025381	4984303	5025113	0.81	cps
Thallium	203-1	617743	634576	610501	620940	1.99	cps
Thallium	205-1	1478523	1521047	1500727	1500099	1.42	cps
Tin	118-1	552828	550448	563399	555558	1.24	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:25:09	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1860078	1920330	1894304	1891571	1.60	cps
Uranium	238-1	2164471	2202513	2185848	2184277	0.87	cps
Vanadium	51-2	1515506	1424773	1370210	1436830	5.11	cps
Ytterbium	172-1	9087	8853	8987	8975	1.31	cps
Ytterbium	172-2	4451	4462	4101	4338	4.74	cps
Ytterbium	176-1	8278	8962	8878	8706	4.29	cps
Ytterbium	176-2	13763	13785	13863	13804	0.38	cps
Yttrium	89-1	13375470	13868930	13828849	13691083	2.00	cps
Yttrium	89-2	1485146	1519148	1520806	1508367	1.33	cps
Zinc	66-2	822630	800540	787476	803549	2.21	cps
Zirconium	90-1	1251120	1291897	1311408	1284808	2.39	cps
Zirconium	91-1	272890	284900	293126	283639	3.59	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3396116	3306802	3238252	3313723	2.39	cps
Antimony	121-1	2771639	2771062	2756116	2766272	0.32	cps
Arsenic	75-2	94048	91413	89402	91621	2.54	cps
Barium	135-1	3635325	3711084	3793711	3713373	2.13	cps
Barium	137-1	6159822	6419409	6335632	6304955	2.10	cps
Beryllium	9-1	1304593	1368302	1336324	1336406	2.38	cps
Bismuth	209-1	6188391	6197713	6284315	6223473	0.85	cps
Bismuth	209-2	3468790	3426746	3462187	3452574	0.65	cps
Boron	10-1	167176	178433	184357	176655	4.94	cps
Boron	11-1	706904	749771	789274	748649	5.50	cps
Bromine	81-1	33946	32762	34217	33642	2.30	cps
Cadmium	111-1	768285	785409	788974	780889	1.42	cps
Cadmium	106-1	89517	91774	91328	90873	1.32	cps
Cadmium	108-1	63320	63994	64684	63999	1.07	cps
Calcium	43-1	6400207	6371952	6535278	6435812	1.36	cps
Calcium	44-1	101069669	102929819	100512171	101503886	1.25	cps
Carbon	12-1	5483561	5731413	5916232	5710402	3.80	cps
Carbon	12-2	75318	75209	75368	75299	0.11	cps
Chlorine	35-1	7681034	7408705	7152473	7414070	3.57	cps
Chlorine	35-2	54328	50982	51057	52122	3.66	cps
Chromium	52-2	981120	965159	939446	961909	2.19	cps
Cobalt	59-2	1805408	1747840	1763284	1772177	1.68	cps
Copper	63-2	14277490	14195077	13861345	14111304	1.56	cps
Dysprosium	156-1	633	833	775	747	13.77	cps
Dysprosium	156-2	407	350	373	377	7.56	cps
Erbium	164-1	158	117	158	144	16.66	cps
Erbium	164-2	60	50	73	61	19.15	cps
Gadolinium	160-1	758	783	883	808	8.18	cps
Gadolinium	160-2	497	560	567	541	7.14	cps
Holmium	165-1	9789232	10375368	10583595	10249398	4.02	cps
Holmium	165-2	5113754	5032737	5092844	5079779	0.83	cps
Indium	115-1	7780525	7951360	8272555	8001480	3.12	cps
Indium	115-2	1360549	1368339	1376338	1368409	0.58	cps
Iron	54-2	11671842	10856622	10810985	11113150	4.36	cps
Iron	56-2	210697716	205699405	195355565	203917562	3.84	cps
Iron	57-2	5394821	5202719	5016469	5204670	3.63	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	366	367	356	363	1.70	cps
Lead	206-1	12791599	13170111	12755871	12905860	1.78	cps
Lead	207-1	11622185	11425566	11253900	11433884	1.61	cps
Lead	208-1	52279256	52224600	52885413	52463090	0.70	cps
Lithium	6-1	4227959	4470892	4291624	4330158	2.91	cps
Magnesium	24-2	44948551	43639247	41469261	43352353	4.05	cps
Manganese	55-2	5595399	5328574	5195675	5373216	3.79	cps
Molybdenum	94-1	11886139	12139177	12359812	12128376	1.95	cps
Molybdenum	95-1	17179639	17836324	18130551	17715505	2.75	cps
Molybdenum	96-1	19358698	19398388	19724792	19493959	1.03	cps
Molybdenum	97-1	10682427	11057393	10941399	10893740	1.76	cps
Molybdenum	98-1	27967938	28341130	28389342	28232803	0.82	cps
Neodymium	150-1	340	433	347	373	13.95	cps
Neodymium	150-2	33	17	37	29	37.08	cps
Nickel	60-2	460795	457043	451281	456373	1.05	cps
Phosphorus	31-2	39588	38351	37499	38480	2.73	cps
Potassium	39-2	15505457	14889658	14888821	15094645	2.36	cps
Rhodium	103-1	7291476	7589205	7657753	7512811	2.59	cps
Rhodium	103-2	3686826	3655268	3638623	3660239	0.67	cps
Scandium	45-1	5955447	6203076	6246373	6134965	2.56	cps
Scandium	45-2	217962	216013	221989	218655	1.39	cps
Selenium	82-1	68844	71491	70385	70240	1.89	cps
Selenium	77-2	2524	2307	2250	2360	6.11	cps
Selenium	78-2	8189	7914	7929	8011	1.93	cps
Silicon	28-1	3546880	3866272	4068858	3827337	6.88	cps
Silver	107-1	4066287	4066701	4027423	4053470	0.56	cps
Silver	109-1	3889825	3990500	3970272	3950199	1.35	cps
Sodium	23-2	81753608	78664983	76123518	78847370	3.58	cps
Strontium	86-1	26723704	27098814	26643755	26822091	0.91	cps
Strontium	88-1	230714255	231545214	231064714	231108061	0.18	cps
Sulfur	34-1	838256	845661	853869	845929	0.92	cps
Terbium	159-1	9985822	10803251	10799298	10529457	4.47	cps
Terbium	159-2	4927897	4898808	4996967	4941224	1.02	cps
Thallium	203-1	3100254	3195983	3016595	3104277	2.89	cps
Thallium	205-1	7345954	7413203	7333654	7364270	0.58	cps
Tin	118-1	2524642	2577112	2632465	2578073	2.09	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:34:21	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5279890	5448913	5331117	5353307	1.62	cps
Uranium	238-1	10124423	10284574	10319033	10242676	1.01	cps
Vanadium	51-2	788624	773164	764925	775571	1.55	cps
Ytterbium	172-1	350	367	317	344	7.39	cps
Ytterbium	172-2	206	183	144	178	17.40	cps
Ytterbium	176-1	14166	15159	14709	14678	3.39	cps
Ytterbium	176-2	16305	15993	16483	16260	1.52	cps
Yttrium	89-1	11919744	12173719	12510225	12201230	2.43	cps
Yttrium	89-2	1505140	1531471	1512975	1516529	0.89	cps
Zinc	66-2	1721769	1698453	1658657	1692959	1.89	cps
Zirconium	90-1	5814006	5763659	5830430	5802698	0.60	cps
Zirconium	91-1	1277036	1282563	1301814	1287138	1.01	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	185	142	176	16.96	cps
Antimony	121-1	500	600	642	581	12.54	cps
Arsenic	75-2	8	4	2	5	65.47	cps
Barium	135-1	150	133	42	108	53.85	cps
Barium	137-1	342	200	83	208	62.10	cps
Beryllium	9-1	210	197	219	209	5.12	cps
Bismuth	209-1	6643858	6898387	6902394	6814880	2.17	cps
Bismuth	209-2	3855922	3868734	3697344	3807333	2.51	cps
Boron	10-1	7656	7580	7312	7516	2.40	cps
Boron	11-1	33143	31578	29403	31375	5.99	cps
Bromine	81-1	35181	36395	36174	35917	1.80	cps
Cadmium	111-1	855	866	850	857	0.98	cps
Cadmium	106-1	4051	4084	4059	4065	0.43	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	425	242	216	295	38.60	cps
Calcium	44-1	16650	13844	13719	14738	11.25	cps
Carbon	12-1	4702516	4820243	4883178	4801979	1.91	cps
Carbon	12-2	56961	58492	56827	57427	1.61	cps
Chlorine	35-1	4459861	4323933	4303846	4362547	1.95	cps
Chlorine	35-2	32211	32855	31026	32031	2.90	cps
Chromium	52-2	803	723	763	763	5.24	cps
Cobalt	59-2	113	63	80	86	29.76	cps
Copper	63-2	2354	2284	2124	2254	5.23	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	37	37	30	34	11.18	cps
Gadolinium	160-1	75	50	33	53	39.74	cps
Gadolinium	160-2	137	137	130	134	2.86	cps
Holmium	165-1	10100940	10259986	10491148	10284024	1.91	cps
Holmium	165-2	5196101	5094580	5046813	5112498	1.49	cps
Indium	115-1	8602767	8461997	8405281	8490015	1.20	cps
Indium	115-2	1427588	1413888	1443515	1428330	1.04	cps
Iron	54-2	1256	1089	1000	1115	11.64	cps
Iron	56-2	12639	10343	9248	10743	16.11	cps
Iron	57-2	400	306	328	344	14.34	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	361	350	348	4.16	cps
Lead	206-1	1389	972	911	1091	23.84	cps
Lead	207-1	1256	939	906	1033	18.70	cps
Lead	208-1	5445	4139	4039	4541	17.27	cps
Lithium	6-1	4315329	4508797	4501963	4442030	2.47	cps
Magnesium	24-2	1058	825	1008	964	12.75	cps
Manganese	55-2	267	207	270	248	14.39	cps
Molybdenum	94-1	1225	700	700	875	34.64	cps
Molybdenum	95-1	1542	942	925	1136	30.92	cps
Molybdenum	96-1	1392	1058	875	1108	23.63	cps
Molybdenum	97-1	800	558	425	594	31.98	cps
Molybdenum	98-1	2175	1558	1267	1667	27.83	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	60	27	33	40	44.09	cps
Phosphorus	31-2	117	167	167	150	19.24	cps
Potassium	39-2	22184	22318	23111	22538	2.22	cps
Rhodium	103-1	8305977	8126912	8276692	8236527	1.17	cps
Rhodium	103-2	3890016	3812303	3964140	3888820	1.95	cps
Scandium	45-1	6163848	6177364	6252716	6197976	0.77	cps
Scandium	45-2	216062	216800	216646	216503	0.18	cps
Selenium	82-1	26	-8	15	11	152.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	79	71	73	7.25	cps
Silicon	28-1	678579	676534	678796	677970	0.18	cps
Silver	107-1	550	383	375	436	22.64	cps
Silver	109-1	600	342	350	431	34.10	cps
Sodium	23-2	27718	28495	27735	27983	1.59	cps
Strontium	86-1	1683	1025	1025	1245	30.54	cps
Strontium	88-1	8745	4159	2992	5299	57.39	cps
Sulfur	34-1	367252	370621	365781	367885	0.67	cps
Terbium	159-1	10301834	10437302	10416703	10385280	0.70	cps
Terbium	159-2	5070728	4811069	5016055	4965951	2.76	cps
Thallium	203-1	725	583	750	686	13.10	cps
Thallium	205-1	1792	1642	1575	1670	6.65	cps
Tin	118-1	408	567	517	497	16.28	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:40:58	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	325	183	344	49.84	cps
Uranium	238-1	475	292	158	308	51.57	cps
Vanadium	51-2	67	37	57	53	28.64	cps
Ytterbium	172-1	17	75	25	39	81.12	cps
Ytterbium	172-2	39	6	39	28	69.27	cps
Ytterbium	176-1	1667	1800	1575	1681	6.73	cps
Ytterbium	176-2	10243	10565	10104	10304	2.30	cps
Yttrium	89-1	12422629	12401807	12416658	12413698	0.09	cps
Yttrium	89-2	1476602	1495458	1478807	1483622	0.69	cps
Zinc	66-2	250	290	303	281	9.87	cps
Zirconium	90-1	1167	892	975	1011	13.95	cps
Zirconium	91-1	242	308	175	242	27.59	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12483361	11992530	11654761	12043551	3.46	cps
Antimony	121-1	2510751	2607619	2536902	2551758	1.96	cps
Arsenic	75-2	141042	137150	134363	137519	2.44	cps
Barium	135-1	5938826	6036177	5821683	5932228	1.81	cps
Barium	137-1	9977925	10085179	10128737	10063947	0.77	cps
Beryllium	9-1	1514501	1550703	1480663	1515289	2.31	cps
Bismuth	209-1	7799863	7618001	7994332	7804065	2.41	cps
Bismuth	209-2	4038568	3871888	4066242	3992233	2.63	cps
Boron	10-1	179061	187351	196924	187779	4.76	cps
Boron	11-1	780545	832344	855993	822961	4.69	cps
Bromine	81-1	46746	48133	49026	47968	2.40	cps
Cadmium	111-1	975626	977645	1006950	986740	1.78	cps
Cadmium	106-1	120435	123495	122712	122214	1.30	cps
Cadmium	108-1	76641	79754	78790	78395	2.03	cps
Calcium	43-1	2968014	3101269	2958139	3009141	2.66	cps
Calcium	44-1	47355232	50476084	49016398	48949238	3.19	cps
Carbon	12-1	51374900	56589991	58112616	55359169	6.38	cps
Carbon	12-2	638230	625469	627995	630565	1.07	cps
Chlorine	35-1	447444193	524173578	563710979	511776250	11.55	cps
Chlorine	35-2	4551699	4627211	4544107	4574339	1.00	cps
Chromium	52-2	3440744	3358177	3226159	3341693	3.24	cps
Cobalt	59-2	3344457	3249691	3130775	3241641	3.30	cps
Copper	63-2	21298125	20680266	20432021	20803471	2.14	cps
Dysprosium	156-1	127064	126480	127382	126975	0.36	cps
Dysprosium	156-2	58009	56881	56914	57268	1.12	cps
Erbium	164-1	132754	137179	138107	136014	2.10	cps
Erbium	164-2	59600	58776	56714	58364	2.55	cps
Gadolinium	160-1	124119	127693	126853	126221	1.48	cps
Gadolinium	160-2	61539	63293	59550	61460	3.05	cps
Holmium	165-1	12075477	11796871	12340844	12071064	2.25	cps
Holmium	165-2	5454961	5267789	5516823	5413191	2.40	cps
Indium	115-1	9681051	9561558	9930033	9724214	1.93	cps
Indium	115-2	1536349	1548114	1552467	1545644	0.54	cps
Iron	54-2	54182360	54869439	52084914	53712237	2.70	cps
Iron	56-2	1011460423	982905978	935508710	976625037	3.93	cps
Iron	57-2	24899459	24496643	23877879	24424660	2.11	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	834	859	900	864	3.87	cps
Lead	206-1	16337761	16633071	16516008	16495614	0.90	cps
Lead	207-1	14224010	14231732	14293349	14249697	0.27	cps
Lead	208-1	64349104	65623059	66078591	65350252	1.37	cps
Lithium	6-1	4930955	5140845	5242540	5104780	3.11	cps
Magnesium	24-2	22064858	21104744	20634258	21267954	3.43	cps
Manganese	55-2	15011728	14443446	14246484	14567219	2.73	cps
Molybdenum	94-1	7060822	7075701	7256877	7131133	1.53	cps
Molybdenum	95-1	7855563	7806731	7922889	7861728	0.74	cps
Molybdenum	96-1	8925705	9094236	8864339	8961427	1.33	cps
Molybdenum	97-1	4824452	4922231	4887050	4877911	1.02	cps
Molybdenum	98-1	12403199	12691694	12417705	12504199	1.30	cps
Neodymium	150-1	147568	147704	144472	146582	1.25	cps
Neodymium	150-2	48377	45895	46065	46779	2.96	cps
Nickel	60-2	3548657	3476493	3381335	3468828	2.42	cps
Phosphorus	31-2	28838	26283	25882	27001	5.94	cps
Potassium	39-2	3392420	3151607	3129200	3224409	4.53	cps
Rhodium	103-1	9204211	9136159	9168422	9169598	0.37	cps
Rhodium	103-2	4096549	4047471	4123258	4089093	0.94	cps
Scandium	45-1	9205479	9265239	9174799	9215172	0.50	cps
Scandium	45-2	296309	285683	283228	288407	2.41	cps
Selenium	82-1	94383	98576	97686	96882	2.28	cps
Selenium	77-2	3254	3164	3070	3163	2.90	cps
Selenium	78-2	10564	10345	10081	10330	2.34	cps
Silicon	28-1	51938399	51583336	50452312	51324682	1.51	cps
Silver	107-1	5115027	5268125	5276550	5219901	1.74	cps
Silver	109-1	5059593	5002405	5111850	5057949	1.08	cps
Sodium	23-2	19123578	18755259	17799690	18559509	3.68	cps
Strontium	86-1	2006945	2000777	2006940	2004887	0.18	cps
Strontium	88-1	16854737	17092252	17329538	17092176	1.39	cps
Sulfur	34-1	701643	708257	697828	702576	0.75	cps
Terbium	159-1	12205834	12519507	12246577	12323973	1.38	cps
Terbium	159-2	5456266	5363928	5415298	5411830	0.85	cps
Thallium	203-1	3425980	3477646	3492218	3465281	1.00	cps
Thallium	205-1	8166904	7992593	8168130	8109209	1.25	cps
Tin	118-1	3128532	3203951	3170148	3167544	1.19	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:44:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10601122	10747502	10875499	10741374	1.28	cps
Uranium	238-1	11431281	11848224	11807462	11695656	1.97	cps
Vanadium	51-2	8428427	8287306	7658943	8124892	5.04	cps
Ytterbium	172-1	48189	48230	48381	48267	0.21	cps
Ytterbium	172-2	23917	23749	22981	23549	2.12	cps
Ytterbium	176-1	39017	41407	40312	40245	2.97	cps
Ytterbium	176-2	29857	29567	29823	29749	0.53	cps
Yttrium	89-1	16848061	16781795	16921973	16850609	0.42	cps
Yttrium	89-2	1900290	1810359	1876075	1862241	2.50	cps
Zinc	66-2	4455806	4382810	4436177	4424931	0.85	cps
Zirconium	90-1	6987295	7534148	7522840	7348094	4.25	cps
Zirconium	91-1	1606594	1694555	1654383	1651844	2.67	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11168436	11031687	10560599	10920241	2.92	cps
Antimony	121-1	2561924	2603769	2545858	2570517	1.16	cps
Arsenic	75-2	136821	133011	131065	133632	2.19	cps
Barium	135-1	5944299	6061176	5964055	5989843	1.04	cps
Barium	137-1	9912220	10184769	10291200	10129396	1.93	cps
Beryllium	9-1	1500065	1486386	1423937	1470129	2.76	cps
Bismuth	209-1	7729718	7838210	7821049	7796326	0.75	cps
Bismuth	209-2	3964946	3946693	3994217	3968619	0.60	cps
Boron	10-1	185471	192932	197474	191959	3.16	cps
Boron	11-1	826131	804403	887943	839492	5.16	cps
Bromine	81-1	43934	44858	47750	45514	4.37	cps
Cadmium	111-1	968174	1011772	980461	986803	2.28	cps
Cadmium	106-1	118239	118047	121686	119324	1.72	cps
Cadmium	108-1	76067	78275	76293	76878	1.58	cps
Calcium	43-1	2976226	2965430	3020989	2987548	0.99	cps
Calcium	44-1	47531722	48990816	47393253	47971931	1.85	cps
Carbon	12-1	47138463	50941454	52015346	50031754	5.12	cps
Carbon	12-2	571999	555453	557401	561618	1.61	cps
Chlorine	35-1	550445279	611289497	632802847	598179208	7.14	cps
Chlorine	35-2	4897203	4868956	4866268	4877476	0.35	cps
Chromium	52-2	3810363	3680614	3628320	3706432	2.53	cps
Cobalt	59-2	3434663	3342887	3279985	3352512	2.32	cps
Copper	63-2	22217223	21741427	20975877	21644842	2.89	cps
Dysprosium	156-1	126338	129518	128288	128048	1.25	cps
Dysprosium	156-2	58491	57192	56027	57237	2.15	cps
Erbium	164-1	133368	138442	132525	134778	2.37	cps
Erbium	164-2	56700	55496	54565	55587	1.93	cps
Gadolinium	160-1	125061	125842	125118	125340	0.35	cps
Gadolinium	160-2	61626	59445	60185	60419	1.84	cps
Holmium	165-1	11830370	11932529	12161485	11974795	1.42	cps
Holmium	165-2	5506978	5330832	5303383	5380398	2.05	cps
Indium	115-1	9479062	9797518	9806222	9694268	1.92	cps
Indium	115-2	1525691	1521539	1440909	1496046	3.19	cps
Iron	54-2	55345072	52736985	52788737	53623598	2.78	cps
Iron	56-2	976571711	969145155	965552155	970423007	0.58	cps
Iron	57-2	25062123	24121574	23408644	24197447	3.43	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	777	817	851	815	4.53	cps
Lead	206-1	16946484	17187584	17178762	17104277	0.80	cps
Lead	207-1	14385007	14868607	14838801	14697472	1.84	cps
Lead	208-1	66639060	69142505	68098498	67960021	1.85	cps
Lithium	6-1	5519976	5475686	5382442	5459368	1.29	cps
Magnesium	24-2	20190543	19661982	19509006	19787177	1.81	cps
Manganese	55-2	14337247	14207587	13894661	14146498	1.61	cps
Molybdenum	94-1	7108374	7215347	7186783	7170168	0.77	cps
Molybdenum	95-1	7919876	7904877	7964180	7929645	0.39	cps
Molybdenum	96-1	9075201	8999611	8957636	9010816	0.66	cps
Molybdenum	97-1	4915205	4957892	4863730	4912275	0.96	cps
Molybdenum	98-1	12477564	12716288	12514536	12569463	1.02	cps
Neodymium	150-1	147126	145144	146351	146207	0.68	cps
Neodymium	150-2	47264	46012	45310	46195	2.14	cps
Nickel	60-2	3974825	4006331	3881000	3954052	1.65	cps
Phosphorus	31-2	26809	26508	26116	26477	1.31	cps
Potassium	39-2	3194249	2961454	3019677	3058460	3.96	cps
Rhodium	103-1	9129672	8932910	8950488	9004356	1.21	cps
Rhodium	103-2	4041940	3945150	4048714	4011935	1.44	cps
Scandium	45-1	8863579	8635600	8674223	8724467	1.40	cps
Scandium	45-2	275343	271639	273010	273331	0.69	cps
Selenium	82-1	94638	98079	97065	96594	1.83	cps
Selenium	77-2	3234	3177	3114	3175	1.89	cps
Selenium	78-2	10286	9866	9905	10019	2.31	cps
Silicon	28-1	66192208	70820935	66464351	67825831	3.83	cps
Silver	107-1	4957248	5129481	5097098	5061275	1.81	cps
Silver	109-1	4813535	4897587	4778099	4829740	1.27	cps
Sodium	23-2	18325660	17471301	17439158	17745373	2.83	cps
Strontium	86-1	1972758	2032046	1967783	1990863	1.80	cps
Strontium	88-1	16834390	17088012	16361726	16761376	2.20	cps
Sulfur	34-1	717716	718637	704676	713676	1.09	cps
Terbium	159-1	12466705	12084056	12325526	12292096	1.57	cps
Terbium	159-2	5456649	5219326	5420225	5365400	2.38	cps
Thallium	203-1	3439050	3562287	3442939	3481425	2.01	cps
Thallium	205-1	8238654	8313796	8366081	8306177	0.77	cps
Tin	118-1	3217619	3257085	3197676	3224127	0.94	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:46:49	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10234574	11012420	10355863	10534286	3.97	cps
Uranium	238-1	11633298	12031554	11742698	11802517	1.74	cps
Vanadium	51-2	7992896	7583019	7481618	7685844	3.52	cps
Ytterbium	172-1	45530	45730	45203	45488	0.58	cps
Ytterbium	172-2	23310	22291	22191	22597	2.74	cps
Ytterbium	176-1	39711	38992	39736	39479	1.07	cps
Ytterbium	176-2	28687	28826	28247	28587	1.06	cps
Yttrium	89-1	16796565	16716895	16631831	16715097	0.49	cps
Yttrium	89-2	1821260	1831411	1820317	1824329	0.34	cps
Zinc	66-2	4946444	4844953	4800917	4864105	1.53	cps
Zirconium	90-1	7309239	7538725	7429953	7425972	1.55	cps
Zirconium	91-1	1623082	1657623	1661592	1647432	1.29	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2119291	2006871	2018854	2048339	3.01	cps
Antimony	121-1	450741	440835	446327	445967	1.11	cps
Arsenic	75-2	24853	23949	23448	24083	2.96	cps
Barium	135-1	1057038	1044969	1057185	1053064	0.67	cps
Barium	137-1	1815999	1872280	1843871	1844050	1.53	cps
Beryllium	9-1	267576	269950	264191	267239	1.08	cps
Bismuth	209-1	5914199	6571093	7141327	6542207	9.39	cps
Bismuth	209-2	3774297	3695570	3674459	3714775	1.42	cps
Boron	10-1	49953	52256	51820	51343	2.38	cps
Boron	11-1	218369	223341	227140	222950	1.97	cps
Bromine	81-1	42178	39045	39436	40220	4.24	cps
Cadmium	111-1	183190	183637	185531	184119	0.67	cps
Cadmium	106-1	25115	25048	26175	25446	2.48	cps
Cadmium	108-1	14274	15012	13982	14423	3.68	cps
Calcium	43-1	532290	526289	520429	526336	1.13	cps
Calcium	44-1	8666282	8784304	8358556	8603048	2.55	cps
Carbon	12-1	12740037	13213257	13770642	13241312	3.90	cps
Carbon	12-2	151964	150684	147579	150075	1.50	cps
Chlorine	35-1	176069646	177886883	177513700	177156743	0.54	cps
Chlorine	35-2	1340014	1274684	1260073	1291590	3.30	cps
Chromium	52-2	658875	646877	619081	641611	3.18	cps
Cobalt	59-2	616732	605346	580967	601015	3.04	cps
Copper	63-2	4154482	4188677	3890460	4077873	4.00	cps
Dysprosium	156-1	24031	22645	23755	23477	3.12	cps
Dysprosium	156-2	10561	10404	9867	10277	3.54	cps
Erbium	164-1	24406	24624	23430	24153	2.63	cps
Erbium	164-2	10387	10017	9947	10117	2.34	cps
Gadolinium	160-1	22453	22987	22570	22670	1.24	cps
Gadolinium	160-2	11372	11105	10821	11099	2.48	cps
Holmium	165-1	9182622	9885188	10604450	9890753	7.19	cps
Holmium	165-2	5009574	5154041	5095393	5086336	1.43	cps
Indium	115-1	7371880	7914660	8764849	8017130	8.76	cps
Indium	115-2	1429355	1401780	1379537	1403557	1.78	cps
Iron	54-2	9972698	9926628	9765351	9888226	1.10	cps
Iron	56-2	184786715	177906098	177971398	180221404	2.19	cps
Iron	57-2	4667636	4451931	4374313	4497960	3.38	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	475	424	441	447	5.83	cps
Lead	206-1	3249362	3280620	3198014	3242665	1.29	cps
Lead	207-1	2800114	2739598	2730776	2756830	1.37	cps
Lead	208-1	12975291	12742374	12671184	12796283	1.24	cps
Lithium	6-1	4060325	4396011	4661208	4372515	6.89	cps
Magnesium	24-2	3711516	3695600	3471220	3626112	3.71	cps
Manganese	55-2	2667083	2613178	2584377	2621546	1.60	cps
Molybdenum	94-1	1283392	1280848	1268696	1277645	0.61	cps
Molybdenum	95-1	1407742	1417692	1407052	1410829	0.42	cps
Molybdenum	96-1	1647788	1627715	1565871	1613792	2.65	cps
Molybdenum	97-1	887291	887258	852095	875548	2.32	cps
Molybdenum	98-1	2265240	2317253	2224158	2268884	2.06	cps
Neodymium	150-1	26727	26092	25986	26268	1.53	cps
Neodymium	150-2	8920	8266	8066	8417	5.31	cps
Nickel	60-2	718412	706277	679290	701326	2.86	cps
Phosphorus	31-2	4701	5184	4901	4929	4.93	cps
Potassium	39-2	580935	551356	544356	558883	3.47	cps
Rhodium	103-1	7323688	7653576	8253620	7743628	6.09	cps
Rhodium	103-2	4003277	3979630	3896964	3959957	1.41	cps
Scandium	45-1	5876277	6271551	6617535	6255121	5.93	cps
Scandium	45-2	221680	219535	216277	219164	1.24	cps
Selenium	82-1	16904	16847	16975	16909	0.38	cps
Selenium	77-2	583	520	517	540	6.96	cps
Selenium	78-2	1901	1853	1734	1830	4.70	cps
Silicon	28-1	11668989	13416041	11092426	12059152	10.03	cps
Silver	107-1	938051	926043	920007	928034	0.99	cps
Silver	109-1	919840	895465	907568	907624	1.34	cps
Sodium	23-2	3290584	3175265	3121569	3195806	2.70	cps
Strontium	86-1	332882	334532	332082	333166	0.38	cps
Strontium	88-1	2880987	2868891	2845208	2865028	0.64	cps
Sulfur	34-1	397303	396210	404627	399380	1.15	cps
Terbium	159-1	9527958	9741486	10994875	10088107	7.86	cps
Terbium	159-2	5081075	5000727	4880469	4987423	2.02	cps
Thallium	203-1	627421	624540	613710	621890	1.16	cps
Thallium	205-1	1554336	1487315	1467357	1503003	3.03	cps
Tin	118-1	570525	572473	567843	570280	0.41	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-10 13:49:40	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1841592	1932167	1851711	1875157	2.65	cps
Uranium	238-1	2230215	2211294	2175838	2205782	1.25	cps
Vanadium	51-2	1452637	1421935	1364797	1413123	3.15	cps
Ytterbium	172-1	8253	8086	8486	8275	2.43	cps
Ytterbium	172-2	4023	4028	3778	3943	3.62	cps
Ytterbium	176-1	8645	8703	8703	8684	0.39	cps
Ytterbium	176-2	13457	13768	13780	13668	1.34	cps
Yttrium	89-1	11534786	12352120	13710923	12532610	8.77	cps
Yttrium	89-2	1523459	1460781	1509693	1497978	2.20	cps
Zinc	66-2	926679	900264	879350	902097	2.63	cps
Zirconium	90-1	1324362	1321807	1303357	1316509	0.87	cps
Zirconium	91-1	295946	287064	288113	290374	1.67	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3302336	3278640	3056518	3212498	4.22	cps
Antimony	121-1	2574822	2798171	2726311	2699768	4.22	cps
Arsenic	75-2	97047	94757	93285	95030	2.00	cps
Barium	135-1	3635643	3628069	3716469	3660060	1.34	cps
Barium	137-1	6232193	6324087	6376602	6310961	1.16	cps
Beryllium	9-1	1274478	1288545	1288373	1283799	0.63	cps
Bismuth	209-1	6339470	6222847	6190970	6251096	1.25	cps
Bismuth	209-2	3406187	3405083	3443481	3418250	0.64	cps
Boron	10-1	170082	175805	184625	176837	4.14	cps
Boron	11-1	719641	752631	779713	750661	4.01	cps
Bromine	81-1	35813	36255	35913	35994	0.64	cps
Cadmium	111-1	762676	792226	792250	782384	2.18	cps
Cadmium	106-1	91588	97394	93936	94306	3.10	cps
Cadmium	108-1	62286	66007	63018	63770	3.09	cps
Calcium	43-1	6082425	6252273	6098975	6144558	1.52	cps
Calcium	44-1	94790001	100346897	97818793	97651897	2.85	cps
Carbon	12-1	5555688	5757223	5883987	5732299	2.89	cps
Carbon	12-2	74589	72219	74095	73635	1.70	cps
Chlorine	35-1	13133099	12642173	12205555	12660276	3.67	cps
Chlorine	35-2	85788	85988	82980	84918	1.98	cps
Chromium	52-2	976005	958192	932629	955609	2.28	cps
Cobalt	59-2	1837695	1818448	1786334	1814159	1.43	cps
Copper	63-2	14656886	14285569	13953262	14298572	2.46	cps
Dysprosium	156-1	692	800	900	797	13.07	cps
Dysprosium	156-2	327	327	413	356	14.07	cps
Erbium	164-1	100	75	83	86	14.78	cps
Erbium	164-2	73	67	50	63	18.98	cps
Gadolinium	160-1	758	842	875	825	7.28	cps
Gadolinium	160-2	563	553	533	550	2.78	cps
Holmium	165-1	10424567	10356321	10414329	10398406	0.35	cps
Holmium	165-2	5027178	5268860	5113089	5136376	2.39	cps
Indium	115-1	7916401	8056752	8255818	8076323	2.11	cps
Indium	115-2	1349922	1360225	1386954	1365700	1.40	cps
Iron	54-2	11366417	11121117	10620606	11036046	3.44	cps
Iron	56-2	207794394	201224427	199709704	202909508	2.12	cps
Iron	57-2	5183652	5141990	5009788	5111810	1.78	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	380	384	376	380	0.99	cps
Lead	206-1	12749432	12738582	12602085	12696700	0.65	cps
Lead	207-1	11084985	11370492	11199298	11218259	1.28	cps
Lead	208-1	51362194	52354021	51277657	51664624	1.16	cps
Lithium	6-1	4378775	4234418	4208626	4273940	2.15	cps
Magnesium	24-2	41867566	43219845	41884096	42323835	1.83	cps
Manganese	55-2	5505789	5438423	5083203	5342472	4.25	cps
Molybdenum	94-1	11944062	12060720	12197243	12067342	1.05	cps
Molybdenum	95-1	17614175	17891599	17739854	17748543	0.78	cps
Molybdenum	96-1	19012191	19510510	19687596	19403432	1.80	cps
Molybdenum	97-1	10923345	11009056	11205462	11045955	1.31	cps
Molybdenum	98-1	27474783	28835552	28126496	28145610	2.42	cps
Neodymium	150-1	367	393	407	389	5.24	cps
Neodymium	150-2	40	40	27	36	21.64	cps
Nickel	60-2	477403	469811	456385	467867	2.27	cps
Phosphorus	31-2	39488	38343	36538	38123	3.90	cps
Potassium	39-2	14957347	14892992	14444926	14765088	1.89	cps
Rhodium	103-1	7491850	7637916	7890818	7673528	2.63	cps
Rhodium	103-2	3588443	3638763	3642036	3623081	0.83	cps
Scandium	45-1	5978001	6283186	6219552	6160246	2.61	cps
Scandium	45-2	217075	216019	214383	215825	0.63	cps
Selenium	82-1	73418	75558	76016	74998	1.85	cps
Selenium	77-2	2624	2440	2424	2496	4.45	cps
Selenium	78-2	8558	8503	8433	8498	0.74	cps
Silicon	28-1	3728445	4066991	4222144	4005860	6.30	cps
Silver	107-1	4062867	4205723	4065531	4111374	1.99	cps
Silver	109-1	3955711	4015912	4022099	3997907	0.92	cps
Sodium	23-2	77725912	77453085	75373279	76850759	1.67	cps
Strontium	86-1	26633058	26341429	26269757	26414748	0.73	cps
Strontium	88-1	230602647	232144147	227912680	230219825	0.93	cps
Sulfur	34-1	830250	862021	850777	847683	1.90	cps
Terbium	159-1	10610086	10794348	10864684	10756373	1.22	cps
Terbium	159-2	5070673	4974814	5035709	5027065	0.96	cps
Thallium	203-1	3030685	3100504	2973475	3034888	2.10	cps
Thallium	205-1	7095966	7396285	7052360	7181537	2.61	cps
Tin	118-1	2565646	2590011	2641991	2599216	1.50	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 13:56:33	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5275105	5430986	5397714	5367935	1.53	cps
Uranium	238-1	10484179	10414289	10219324	10372597	1.32	cps
Vanadium	51-2	782378	766469	751389	766745	2.02	cps
Ytterbium	172-1	300	317	325	314	4.06	cps
Ytterbium	172-2	233	178	206	206	13.51	cps
Ytterbium	176-1	14525	14525	14250	14433	1.10	cps
Ytterbium	176-2	16360	16371	16366	16366	0.03	cps
Yttrium	89-1	12297697	12680781	12670518	12549665	1.74	cps
Yttrium	89-2	1501522	1508223	1469611	1493119	1.38	cps
Zinc	66-2	1762533	1720462	1697844	1726946	1.90	cps
Zirconium	90-1	5813293	5966189	5977101	5918861	1.55	cps
Zirconium	91-1	1293929	1300103	1310119	1301384	0.63	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 14:06:17	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139	142	149	143	3.53	cps
Antimony	121-1	192	283	350	275	28.91	cps
Arsenic	75-2	4	8	6	6	33.33	cps
Barium	135-1	75	50	108	78	37.63	cps
Barium	137-1	150	83	83	106	36.46	cps
Beryllium	9-1	257	211	230	233	9.99	cps
Bismuth	209-1	6732552	6830216	6787081	6783283	0.72	cps
Bismuth	209-2	3565534	3618005	3729848	3637796	2.31	cps
Boron	10-1	7158	7234	7140	7178	0.70	cps
Boron	11-1	31035	30117	29379	30177	2.75	cps
Bromine	81-1	35652	34618	34920	35063	1.52	cps
Cadmium	111-1	958	987	1006	984	2.45	cps
Cadmium	106-1	4326	4726	4743	4598	5.13	cps
Cadmium	108-1	17	29	38	28	37.74	cps
Calcium	43-1	250	211	177	213	17.04	cps
Calcium	44-1	13797	13128	12923	13283	3.44	cps
Carbon	12-1	4647569	4616284	4578924	4614259	0.74	cps
Carbon	12-2	54292	54911	52444	53883	2.38	cps
Chlorine	35-1	4455243	4447906	4321932	4408361	1.70	cps
Chlorine	35-2	32579	31410	30842	31610	2.80	cps
Chromium	52-2	787	723	753	754	4.20	cps
Cobalt	59-2	57	43	57	52	14.75	cps
Copper	63-2	1833	1667	1817	1772	5.18	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	75	100	33	69	48.50	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	50	117	75	81	41.81	cps
Gadolinium	160-2	153	157	157	156	1.24	cps
Holmium	165-1	10064348	10589148	10326820	10326772	2.54	cps
Holmium	165-2	4980352	4834630	4868821	4894601	1.56	cps
Indium	115-1	8189729	8585741	8340405	8371958	2.39	cps
Indium	115-2	1402241	1385316	1383568	1390375	0.74	cps
Iron	54-2	889	1128	961	993	12.34	cps
Iron	56-2	7630	7547	7686	7621	0.92	cps
Iron	57-2	194	233	222	217	9.25	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-03-10 14:06:17	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	337	351	345	345	2.00	cps
Lead	206-1	911	828	789	843	7.41	cps
Lead	207-1	867	767	683	772	11.89	cps
Lead	208-1	4011	3406	3267	3561	11.12	cps
Lithium	6-1	4247063	4306878	4265353	4273098	0.72	cps
Magnesium	24-2	550	750	550	617	18.72	cps
Manganese	55-2	257	173	210	213	19.58	cps
Molybdenum	94-1	833	442	633	636	30.79	cps
Molybdenum	95-1	617	408	550	525	20.27	cps
Molybdenum	96-1	942	533	475	650	39.12	cps
Molybdenum	97-1	442	208	217	289	45.82	cps
Molybdenum	98-1	967	675	833	825	17.70	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	33	37	23	31	22.31	cps
Phosphorus	31-2	108	108	100	106	4.56	cps
Potassium	39-2	22126	22877	22410	22471	1.69	cps
Rhodium	103-1	8018655	8280834	8396930	8232140	2.35	cps
Rhodium	103-2	3909286	3867612	3922414	3899771	0.73	cps
Scandium	45-1	5906634	6136972	6049536	6031047	1.93	cps
Scandium	45-2	208707	208163	210907	209259	0.69	cps
Selenium	82-1	19	-1	1	6	174.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	49	51	53	9.98	cps
Silicon	28-1	675069	670536	666782	670796	0.62	cps
Silver	107-1	392	292	392	358	16.11	cps
Silver	109-1	267	317	383	322	18.16	cps
Sodium	23-2	25064	25373	25197	25211	0.61	cps
Strontium	86-1	1025	775	708	836	19.97	cps
Strontium	88-1	4201	2317	1875	2798	44.15	cps
Sulfur	34-1	370808	370691	376056	372518	0.82	cps
Terbium	159-1	10145024	10440928	10927767	10504573	3.76	cps
Terbium	159-2	4791197	4853205	5032479	4892294	2.56	cps
Thallium	203-1	592	508	383	494	21.21	cps
Thallium	205-1	1292	1325	1208	1275	4.71	cps
Tin	118-1	508	425	450	461	9.27	cps

LB Number :	LB124446	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	183	167	256	54.69	cps
Uranium	238-1	317	158	200	225	36.48	cps
Vanadium	51-2	47	27	30	34	31.11	cps
Ytterbium	172-1	33	25	42	33	25.01	cps
Ytterbium	172-2	17	11	28	19	45.83	cps
Ytterbium	176-1	1850	1634	1433	1639	12.72	cps
Ytterbium	176-2	10326	9982	10137	10149	1.70	cps
Yttrium	89-1	11963313	12190874	11850749	12001645	1.44	cps
Yttrium	89-2	1419414	1451777	1480032	1450408	2.09	cps
Zinc	66-2	240	253	310	268	13.88	cps
Zirconium	90-1	867	892	933	897	3.75	cps
Zirconium	91-1	133	200	133	156	24.74	cps