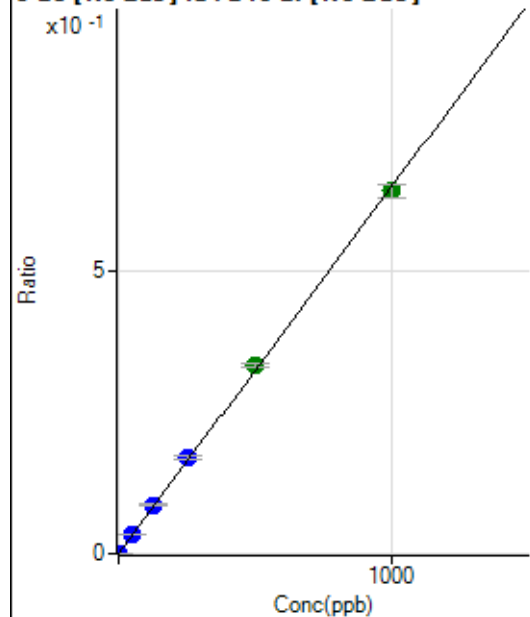


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021523-MS.b\
 Analysis File: P8021523-MS.batch.bin
 DA Date-Time: 2023-02-15 14:42:06
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-15 13:20:00
2	005CALS.d	S02	2023-02-15 13:23:10
3	007CALS.d	S03	2023-02-15 13:29:30
4	008CALS.d	S04	2023-02-15 13:32:39
5	009CALS.d	S05	2023-02-15 13:35:45
6	010CALS.d	S06	2023-02-15 13:38:53
7	011CALS.d	S07	2023-02-15 13:41:59
8	012CALS.d	S08	2023-02-15 13:45:07

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.33	0.0000	P	30.1
2	☐	1.000	1.174	2810.34	0.0008	P	2.1
3	☐	50.000	52.870	129135.30	0.0344	P	1.6
4	☐	125.000	132.339	320976.15	0.0861	P	2.8
5	☐	250.000	263.154	633664.65	0.1711	P	3.0
6	☐	500.000	513.107	1229546.89	0.3336	A	2.2
7	☐	1000.000	989.097	2323267.77	0.6431	A	3.5
8	☐			464.95	0.0001	P	9.6

$$y = 6.5019\text{E-}004 * x + 7.8731\text{E-}006$$

$$R = 0.9998$$

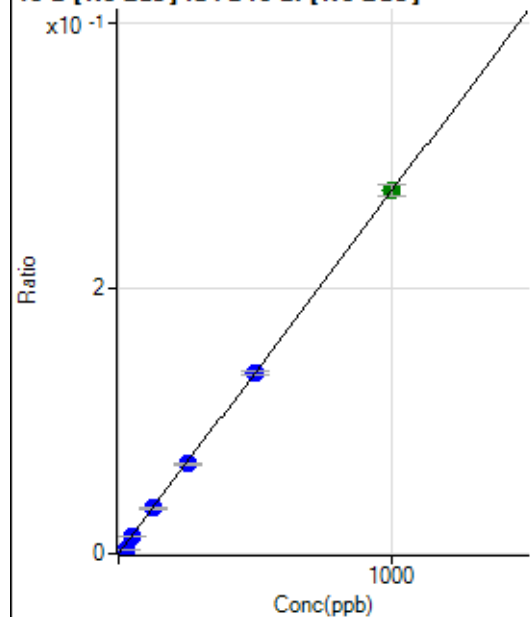
$$DL = 0.01092$$

$$BEC = 0.01211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	359.27	0.0001	P	6.8
2	☐	25.000	8.690	9008.33	0.0025	P	2.4
3	☐	50.000	48.596	50204.73	0.0134	P	3.5
4	☐	125.000	124.577	127229.26	0.0341	P	1.6
5	☐	250.000	247.854	250967.88	0.0678	P	3.1
6	☐	500.000	499.417	502736.54	0.1364	P	1.8
7	☐	1000.000	1001.359	987606.21	0.2734	A	3.2
8	☐			57571.95	0.0171	P	9.1

$$y = 2.7295\text{E-}004 * x + 9.9724\text{E-}005$$

$$R = 0.9999$$

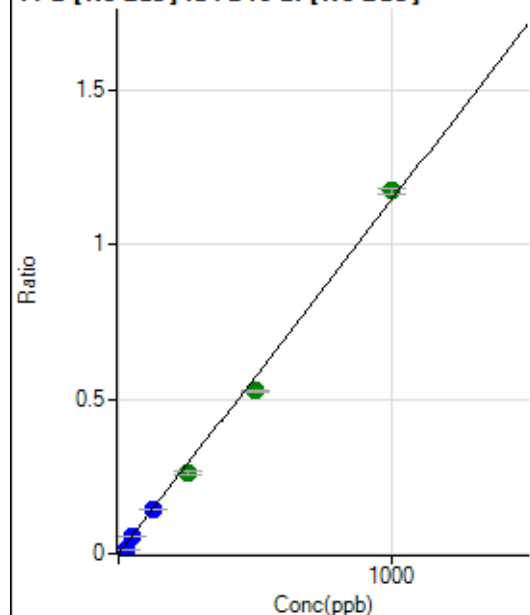
$$DL = 0.07487$$

$$BEC = 0.3654$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1534.45	0.0004	P	3.6
2	☐	25.000	8.795	38224.71	0.0105	P	3.5
3	☐	50.000	48.798	211279.97	0.0563	P	2.0
4	☐	125.000	123.807	530080.10	0.1421	P	1.7
5	☐	250.000	227.296	964416.20	0.2605	A	5.5
6	☐	500.000	460.131	1942706.75	0.5269	A	2.0
7	☐	1000.000	1026.225	4243786.10	1.1745	A	1.4
8	☐			240873.86	0.0716	P	9.7

$$y = 0.0011 * x + 4.2574E-004$$

$$R = 0.9986$$

$$DL = 0.03977$$

$$BEC = 0.3721$$

Weight: <None>

Min Conc: 0

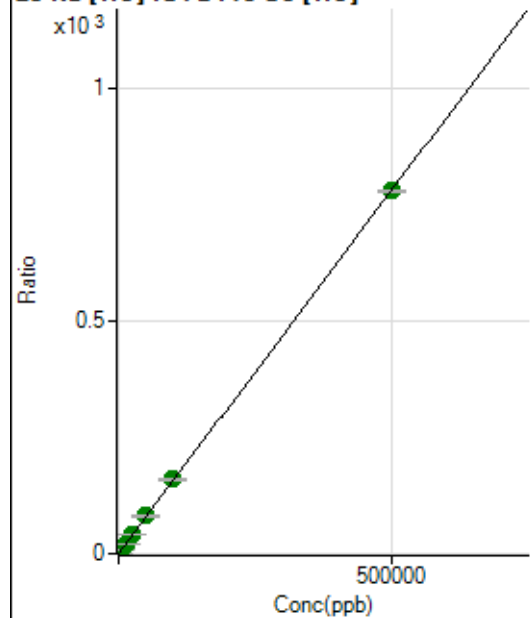
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4608611.08		A	3.2
2	☐			4248132.47		A	1.4
3	☐			4298787.29		A	1.3
4	☐			4334594.37		A	1.8
5	☐			4428461.21		A	1.8
6	☐			4609112.78		A	2.2
7	☐			4669653.45		A	2.4
8	☐			4322124.49		A	2.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58187.79		P	1.0
2	☐			52070.54		P	1.1
3	☐			52458.10		P	2.0
4	☐			52898.47		P	0.6
5	☐			55011.78		P	1.9
6	☐			59219.81		P	0.8
7	☐			60042.73		P	0.7
8	☐			58907.29		P	0.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10595.80	0.0701	P	4.6
2	☐	500.000	519.304	131055.72	0.8797	P	1.0
3	☐	5000.000	5228.980	1232085.30	8.2225	A	1.1
4	☐	12500.000	13154.444	3013607.90	20.5788	A	1.8
5	☐	25000.000	25536.383	5785612.59	39.8832	A	2.4
6	☐	50000.000	51648.656	11656370.49	80.5941	A	1.0
7	☐	100000.00	102135.86	23561603.48	159.3074	A	0.7
8	☐	500000.00	499362.47	113230856.7	778.6126	A	0.7

$$y = 0.0016 * x + 0.0701$$

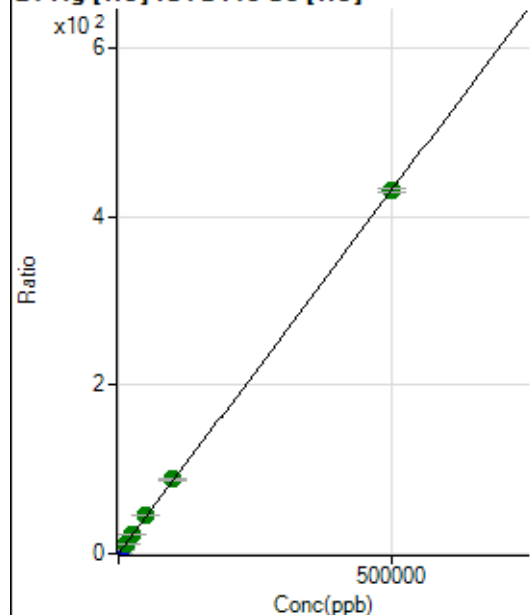
$$R = 1.0000$$

$$DL = 6.249$$

$$BEC = 44.97$$

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	1436.22	0.0095	P	14.7
2	☐	500.000	531.747	69695.09	0.4678	P	0.9
3	☐	5000.000	5293.545	685033.11	4.5719	P	1.9
4	☐	12500.000	13678.006	1727789.43	11.7983	A	1.9
5	☐	25000.000	26032.536	3255935.81	22.4465	A	3.1
6	☐	50000.000	52283.089	6518515.38	45.0713	A	2.5
7	☐	100000.00	102315.96	13044754.11	88.1937	A	1.5
8	☐	500000.00	499224.45	62572631.95	430.2818	A	1.1

$$y = 8.6188\text{E-}004 * x + 0.0095$$

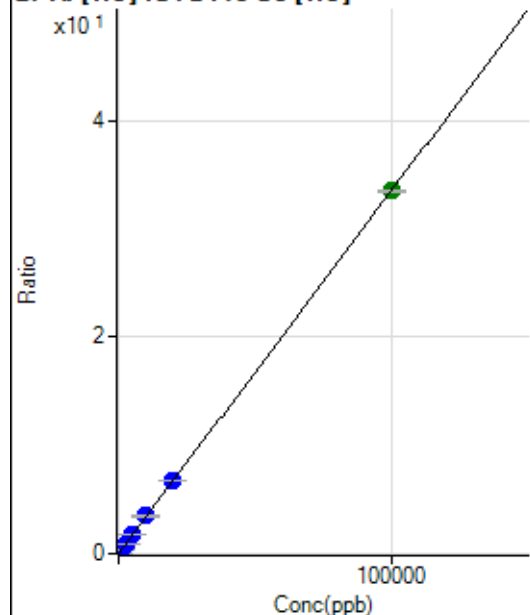
$$R = 1.0000$$

$$DL = 4.857$$

$$BEC = 11.03$$

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	62.91	0.0004	P	6.0
2	☐	20.000	21.029	1111.99	0.0075	P	3.2
3	☐	1000.000	1036.468	52110.19	0.3478	P	1.3
4	☐	2500.000	2614.160	128361.60	0.8765	P	1.4
5	☐	5000.000	5177.675	251779.21	1.7356	P	1.8
6	☐	10000.000	10335.257	500994.30	3.4641	P	2.5
7	☐	20000.000	20118.717	997353.39	6.7429	P	1.6
8	☐	100000.00	99930.628	4870737.99	33.4906	A	0.3

$$y = 3.3513\text{E-}004 * x + 4.1626\text{E-}004$$

$$R = 1.0000$$

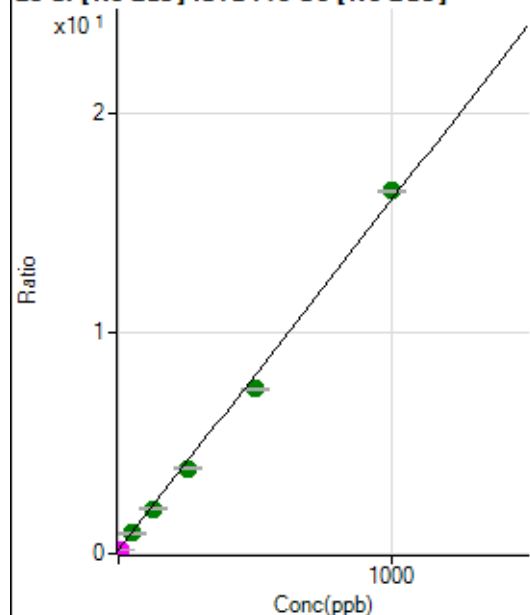
$$DL = 0.2241$$

$$BEC = 1.242$$

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	824881.23	0.1796	P	1.5
2	☐	10.000	0.554	868641.85	0.1884	M	4.9
3	☐	50.000	47.097	4288663.77	0.9264	A	2.4
4	☐	125.000	117.337	9312693.61	2.0403	A	1.9
5	☐	250.000	231.834	17693559.77	3.8558	A	1.4
6	☐	500.000	459.530	33900602.15	7.4665	A	1.5
7	☐	1000.000	1025.974	75947639.89	16.4487	A	0.5
8	☐			1026321.30	0.2333	A	1.5

$$y = 0.0159 * x + 0.1796$$

$$R = 0.9987$$

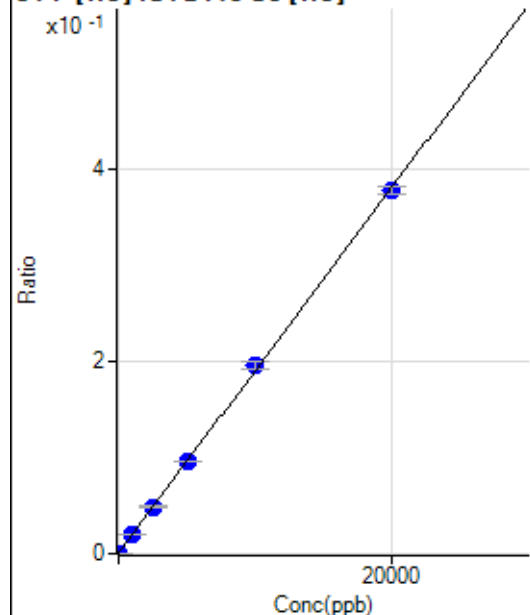
$$DL = 0.5166$$

$$BEC = 11.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.936	69.45	0.0005	P	54.4
2	☐	0.000	10.936	130.56	0.0009	P	27.9
3	☐	1000.000	1026.604	3025.40	0.0202	P	4.0
4	☐	2500.000	2532.599	7149.15	0.0488	P	6.3
5	☐	5000.000	5029.662	13970.94	0.0963	P	1.7
6	☐	10000.000	10289.317	28392.23	0.1963	P	3.4
7	☐	20000.000	19842.521	55903.06	0.3780	P	2.1
8	☐			91.67	0.0006	P	35.5

$$y = 1.9016E-005 * x + 6.6698E-004$$

$$R = 0.9998$$

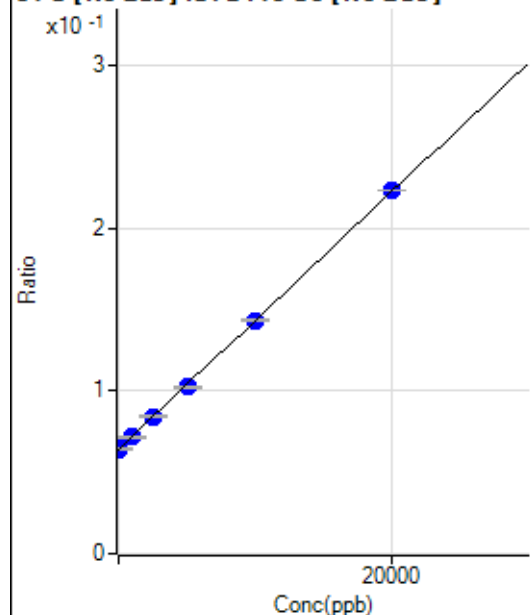
$$DL = 38.95$$

$$BEC = 35.08$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	13.164	295907.77	0.0644	P	0.8
2	☐	0.000	-13.164	296193.64	0.0642	P	3.0
3	☐	1000.000	950.295	332526.17	0.0718	P	2.1
4	☐	2500.000	2524.452	384665.34	0.0843	P	0.7
5	☐	5000.000	4825.305	470063.26	0.1024	P	0.7
6	☐	10000.000	9981.064	649999.89	0.1432	P	1.0
7	☐	20000.000	20052.571	1028304.33	0.2227	P	0.0
8	☐			258602.54	0.0588	P	1.7

$$y = 7.8981E-006 * x + 0.0643$$

R = 1.0000

DL = 462.4

BEC = 8145

Weight: <None>

Min Conc: 0

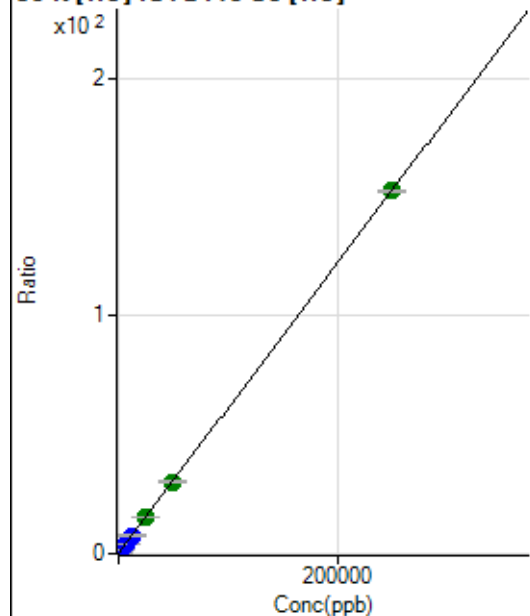
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			212714.17		P	0.6
2	☐			211788.58		P	0.5
3	☐			208140.43		P	0.2
4	☐			203791.31		P	0.7
5	☐			198283.44		P	0.7
6	☐			196985.18		P	0.4
7	☐			211336.16		P	1.2
8	☐			198069.63		P	0.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1564.01		P	12.8
2	☐			1611.24		P	7.5
3	☐			1430.66		P	6.8
4	☐			1475.11		P	10.2
5	☐			1566.79		P	8.4
6	☐			1375.10		P	9.1
7	☐			1541.79		P	9.4
8	☐			1505.68		P	10.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17402.55	0.1151	P	3.7
2	☐	500.000	500.754	62664.38	0.4206	P	0.8
3	☐	2500.000	2519.096	247534.03	1.6520	P	0.3
4	☐	6250.000	6287.514	578620.75	3.9510	P	0.8
5	☐	12500.000	12410.863	1115096.44	7.6868	P	1.6
6	☐	25000.000	25345.879	2253070.84	15.5782	A	1.2
7	☐	50000.000	49361.592	4471128.92	30.2298	A	0.9
8	☐	250000.00	250096.42	22207282.10	152.6946	A	0.7

$$y = 6.1008\text{E-}004 * x + 0.1151$$

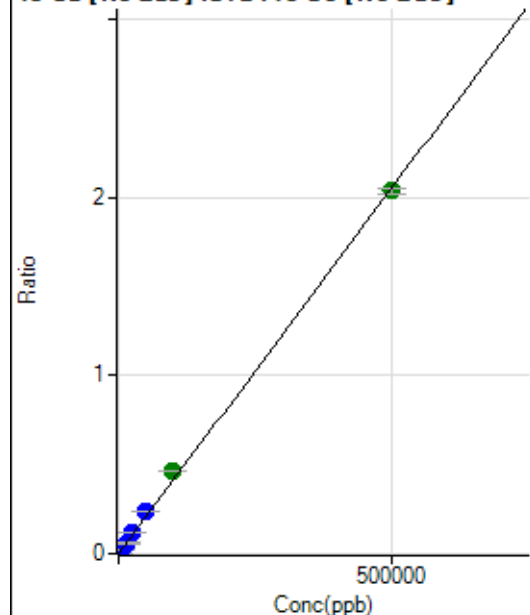
$$R = 1.0000$$

$$DL = 20.86$$

$$BEC = 188.7$$

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	130.40	0.0000	P	6.6
2	☐	500.000	503.883	9655.38	0.0021	P	2.7
3	☐	5000.000	5717.662	108605.14	0.0235	P	1.7
4	☐	12500.000	14376.229	269079.68	0.0589	P	1.5
5	☐	25000.000	28292.342	532172.08	0.1160	P	0.8
6	☐	50000.000	56903.586	1058978.70	0.2332	P	1.0
7	☐	100000.00	112730.19	2133220.72	0.4620	A	1.1
8	☐	500000.00	496544.90	8952039.13	2.0350	A	1.7

$$y = 4.0982\text{E-}006 * x + 2.8392\text{E-}005$$

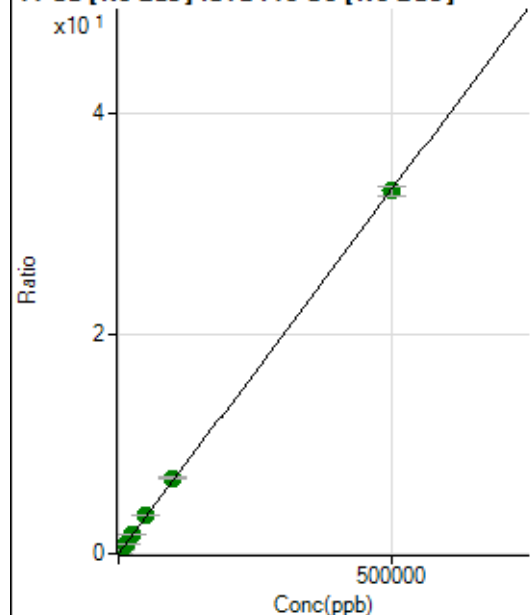
$$R = 0.9996$$

$$DL = 1.368$$

$$BEC = 6.928$$

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	7345.32	0.0016	P	1.0
2	☐	500.000	510.770	163294.03	0.0354	P	3.4
3	☐	5000.000	5509.589	1696019.57	0.3663	A	0.4
4	☐	12500.000	13610.419	4120036.62	0.9026	A	0.9
5	☐	25000.000	26730.365	8126700.22	1.7711	A	1.3
6	☐	50000.000	53091.514	15964044.93	3.5161	A	1.8
7	☐	100000.00	103945.07	31776777.75	6.8824	A	1.1
8	☐	500000.00	498782.44	145248765.8	33.0193	A	2.9

$$y = 6.6197\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

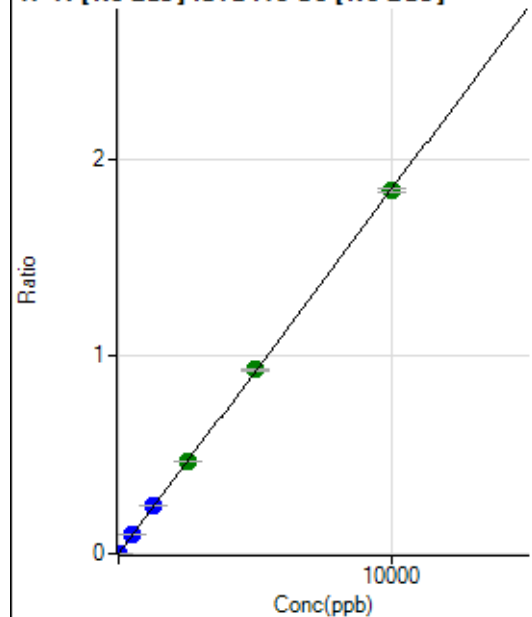
$$DL = 0.7447$$

$$BEC = 24.16$$

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	211.12	0.0000	P	26.1
2	☐	5.000	4.921	4398.02	0.0010	P	3.6
3	☐	500.000	521.692	445709.27	0.0963	P	2.8
4	☐	1250.000	1310.428	1103583.54	0.2418	P	1.5
5	☐	2500.000	2538.126	2148558.93	0.4682	A	1.2
6	☐	5000.000	5046.094	4226469.06	0.9308	A	0.3
7	☐	10000.000	9958.784	8481810.17	1.8370	A	1.2
8	☐			1719.59	0.0004	P	6.9

$$y = 1.8446\text{E-}004 * x + 4.5965\text{E-}005$$

$$R = 1.0000$$

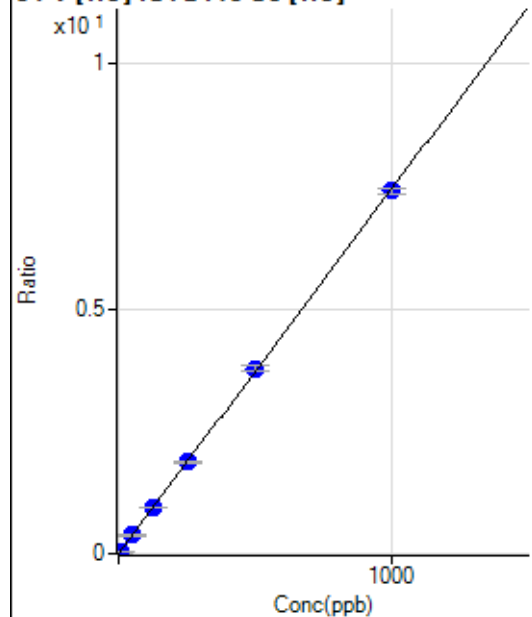
$$DL = 0.1955$$

$$BEC = 0.2492$$

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	3.33	0.0000	P	101.
2	☐	5.000	5.066	5616.71	0.0377	P	4.4
3	☐	50.000	50.274	56010.20	0.3738	P	1.4
4	☐	125.000	127.015	138297.68	0.9444	P	1.4
5	☐	250.000	251.766	271525.16	1.8719	P	2.7
6	☐	500.000	508.026	546258.21	3.7772	P	2.7
7	☐	1000.000	995.280	1094509.02	7.3999	P	1.4
8	☐			338.90	0.0023	P	5.4

$$y = 0.0074 * x + 2.2096\text{E-}005$$

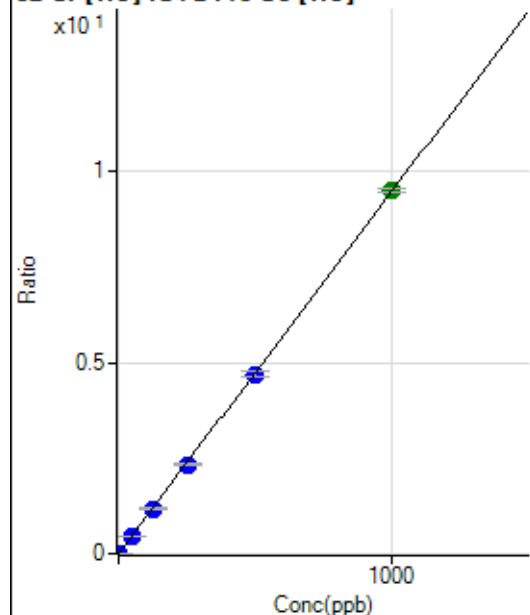
$$R = 0.9999$$

$$DL = 0.009003$$

$$BEC = 0.002972$$

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	533.35	0.0035	P	7.0
2	☐	2.000	1.968	3298.20	0.0221	P	2.1
3	☐	50.000	49.225	70290.66	0.4691	P	2.0
4	☐	125.000	124.315	172712.51	1.1794	P	1.8
5	☐	250.000	245.345	337128.74	2.3242	P	2.8
6	☐	500.000	496.193	679263.15	4.6969	P	2.8
7	☐	1000.000	1003.192	1403956.05	9.4924	A	0.9
8	☐			12908.15	0.0887	P	1.6

$$y = 0.0095 * x + 0.0035$$

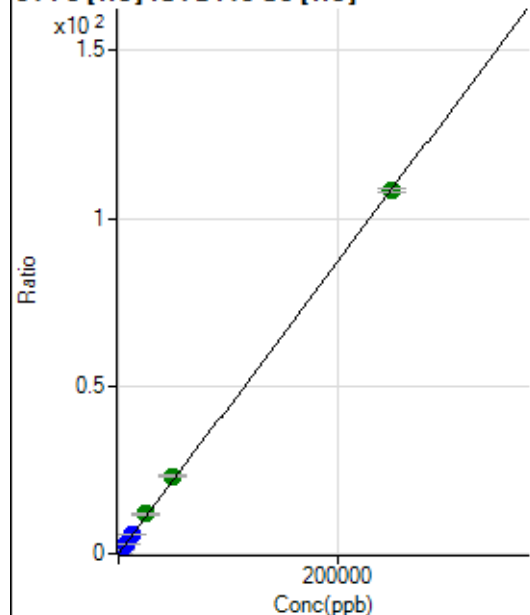
$$R = 1.0000$$

$$DL = 0.07816$$

$$BEC = 0.373$$

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	507.43	0.0034	P	6.6
2	☐	50.000	53.225	3943.21	0.0265	P	5.1
3	☐	2500.000	2611.892	170389.87	1.1372	P	1.2
4	☐	6250.000	6598.614	419971.65	2.8678	P	2.4
5	☐	12500.000	13024.517	820647.60	5.6573	P	2.1
6	☐	25000.000	27313.737	1715098.85	11.8603	A	5.2
7	☐	50000.000	53133.376	3412189.14	23.0687	A	2.0
8	☐	250000.00	249105.89	15727751.04	108.1409	A	1.2

$$y = 4.3410E-004 * x + 0.0034$$

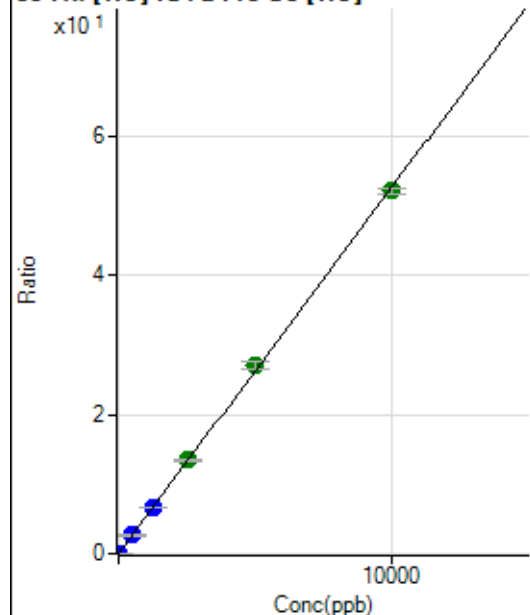
$$R = 0.9999$$

$$DL = 1.521$$

$$BEC = 7.727$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0002	P	20.0
2	☐	1.000	1.059	861.15	0.0058	P	4.6
3	☐	500.000	502.813	396109.70	2.6436	P	2.1
4	☐	1250.000	1259.190	969472.72	6.6200	P	1.6
5	☐	2500.000	2551.575	1945772.77	13.4142	A	2.9
6	☐	5000.000	5146.069	3912452.06	27.0539	A	3.7
7	☐	10000.000	9912.782	7707577.32	52.1133	A	1.3
8	☐			7655.46	0.0526	P	1.7

$$y = 0.0053 * x + 2.1272E-004$$

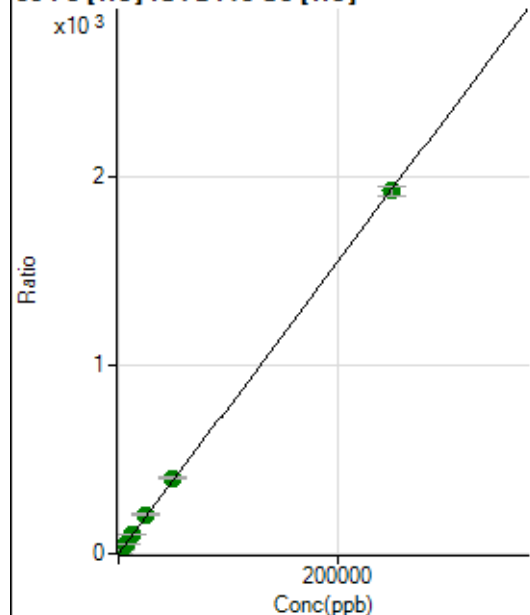
$$R = 0.9998$$

$$DL = 0.02427$$

$$BEC = 0.04046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3044.82	0.0201	P	5.6
2	☐	50.000	52.355	63312.54	0.4250	P	2.1
3	☐	2500.000	2720.236	3155075.65	21.0568	A	2.2
4	☐	6250.000	6758.567	7657267.19	52.2867	A	2.0
5	☐	12500.000	13388.433	15021569.32	103.5580	A	2.6
6	☐	25000.000	26869.479	30053459.24	207.8121	A	3.2
7	☐	50000.000	52160.203	59666154.11	403.3950	A	1.8
8	☐	250000.00	249321.67	280427991.4	1.928.120	A	2.4

$$y = 0.0077 * x + 0.0201$$

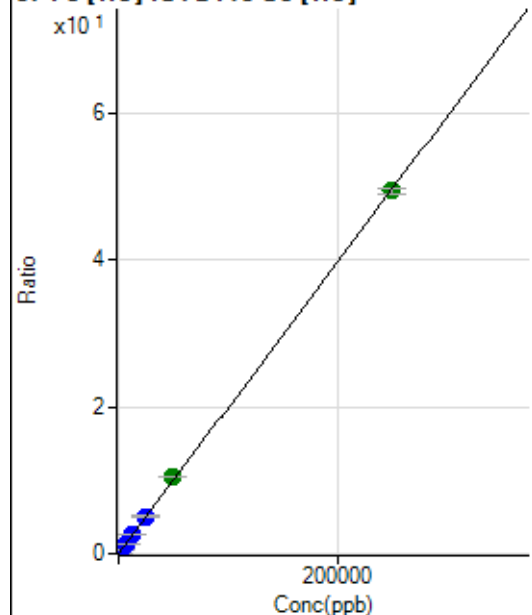
$$R = 0.9999$$

$$DL = 0.4343$$

$$BEC = 2.605$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0012	P	8.6
2	☐	50.000	48.491	1605.67	0.0108	P	7.8
3	☐	2500.000	2584.719	76904.58	0.5132	P	0.7
4	☐	6250.000	6502.250	188818.47	1.2894	P	2.2
5	☐	12500.000	12762.179	366944.24	2.5296	P	1.9
6	☐	25000.000	25740.521	737669.64	5.1008	P	3.2
7	☐	50000.000	52526.107	1539260.77	10.4074	A	0.6
8	☐	250000.00	249400.46	7185606.99	49.4112	A	1.8

$$y = 1.9812\text{E-}004 * x + 0.0012$$

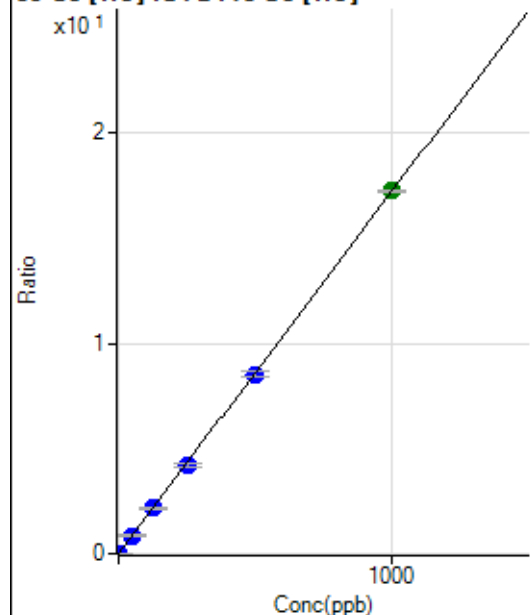
$$R = 0.9999$$

$$DL = 1.529$$

$$BEC = 5.937$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0004	P	28.7
2	☐	1.000	0.987	2586.93	0.0174	P	1.7
3	☐	50.000	50.138	129402.90	0.8636	P	2.2
4	☐	125.000	125.736	317081.04	2.1652	P	1.5
5	☐	250.000	244.317	610232.48	4.2068	P	2.7
6	☐	500.000	496.659	1236722.78	8.5514	P	2.4
7	☐	1000.000	1002.992	2554008.83	17.2689	A	0.2
8	☐			2197.97	0.0151	P	2.3

$$y = 0.0172 * x + 3.6673\text{E-}004$$

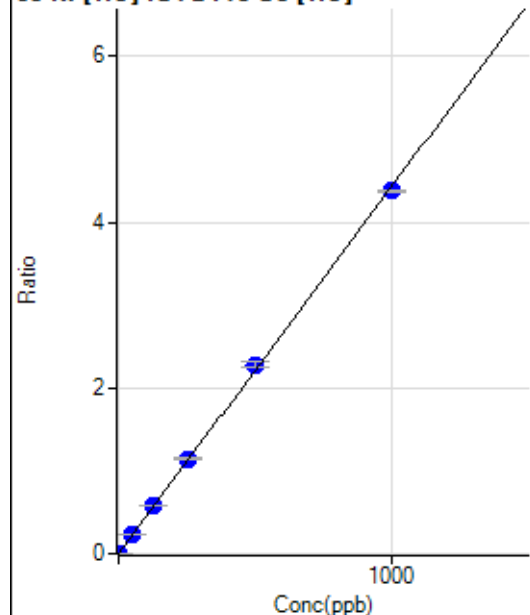
$$R = 1.0000$$

$$DL = 0.01836$$

$$BEC = 0.0213$$

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	18.89	0.0001	P	43.4
2	☐	1.000	1.175	794.48	0.0053	P	11.8
3	☐	50.000	52.449	34819.29	0.2324	P	2.6
4	☐	125.000	131.474	85278.41	0.5823	P	2.3
5	☐	250.000	258.820	166278.68	1.1463	P	2.4
6	☐	500.000	516.036	330502.03	2.2853	P	2.6
7	☐	1000.000	988.845	647669.43	4.3790	P	0.9
8	☐			2161.30	0.0149	P	2.0

$$y = 0.0044 * x + 1.2461E-004$$

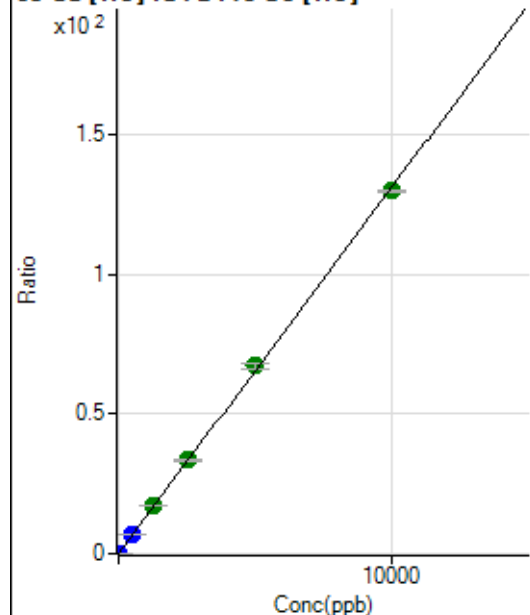
$$R = 0.9998$$

$$DL = 0.03667$$

$$BEC = 0.02814$$

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	605.58	0.0040	P	13.6
2	☐	2.000	2.168	4827.54	0.0324	P	3.2
3	☐	500.000	512.891	1007366.15	6.7231	P	1.2
4	☐	1250.000	1312.563	2518704.93	17.1992	A	2.5
5	☐	2500.000	2559.065	4863544.13	33.5289	A	2.7
6	☐	5000.000	5126.005	9712388.61	67.1570	A	2.7
7	☐	10000.000	9913.766	19208306.38	129.8788	A	0.3
8	☐			6741.66	0.0464	P	0.8

$$y = 0.0131 * x + 0.0040$$

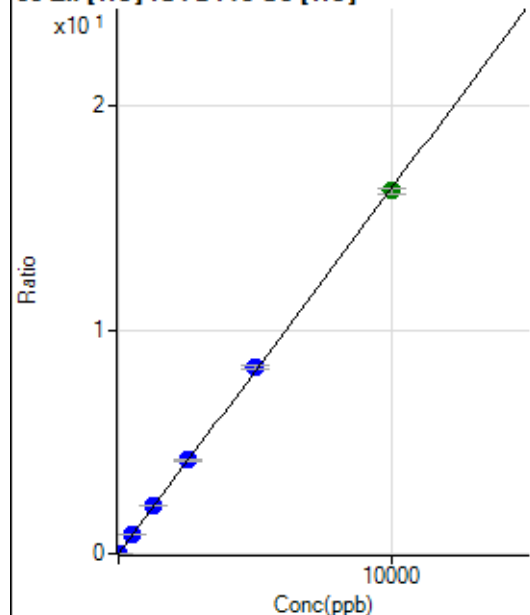
$$R = 0.9999$$

$$DL = 0.1253$$

$$BEC = 0.306$$

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	193.34	0.0013	P	16.3
2	☐	2.000	2.180	721.14	0.0048	P	6.5
3	☐	500.000	515.178	126188.88	0.8422	P	2.3
4	☐	1250.000	1310.182	313354.39	2.1398	P	1.7
5	☐	2500.000	2558.289	605910.17	4.1769	P	2.3
6	☐	5000.000	5090.088	1201721.38	8.3093	P	2.2
7	☐	10000.000	9932.102	2397848.23	16.2125	A	1.6
8	☐			2560.26	0.0176	P	4.1

$$y = 0.0016 * x + 0.0013$$

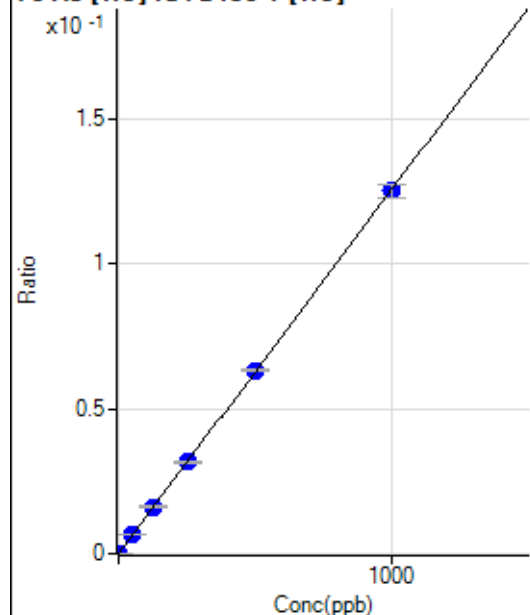
$$R = 0.9999$$

$$DL = 0.3826$$

$$BEC = 0.7846$$

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	1.084	152.35	0.0001	P	3.1
3	☐	50.000	50.943	7180.22	0.0064	P	2.6
4	☐	125.000	128.967	17797.63	0.0162	P	1.3
5	☐	250.000	251.417	34787.39	0.0315	P	0.7
6	☐	500.000	503.645	70193.63	0.0631	P	1.1
7	☐	1000.000	997.280	138541.71	0.1250	P	3.5
8	☐			47.67	0.0000	P	12.6

$$y = 1.2536E-004 * x + 5.8799E-007$$

$$R = 1.0000$$

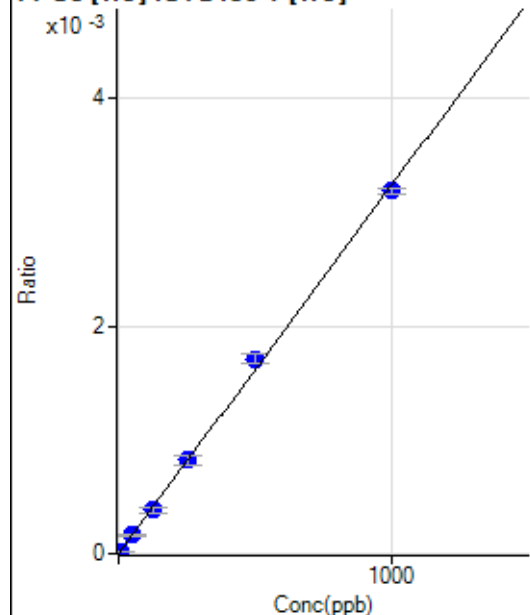
$$DL = 0.01219$$

$$BEC = 0.00469$$

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	6.134	22.22	0.0000	P	29.0
3	☐	50.000	51.077	185.56	0.0002	P	8.8
4	☐	125.000	119.883	426.68	0.0004	P	12.8
5	☐	250.000	253.330	903.37	0.0008	P	11.4
6	☐	500.000	529.338	1902.37	0.0017	P	5.1
7	☐	1000.000	985.079	3529.36	0.0032	P	1.6
8	☐			4.44	0.0000	P	113.

$$y = 3.2327\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

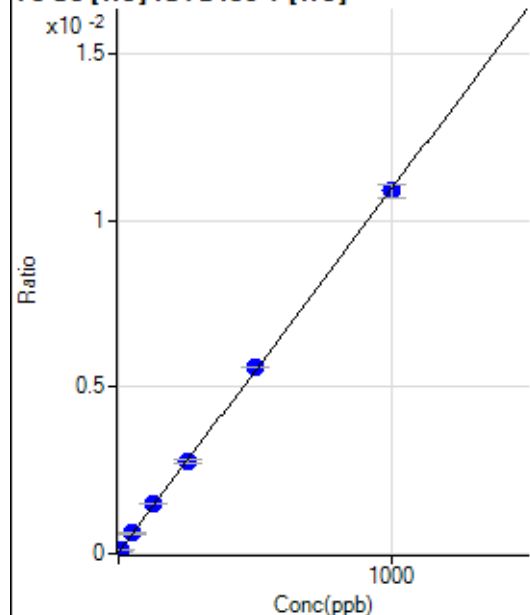
$$DL = 0$$

$$BEC = 0$$

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	47.34	0.0000	P	12.2
2	☐	5.000	4.680	103.34	0.0001	P	6.7
3	☐	50.000	52.386	688.76	0.0006	P	4.2
4	☐	125.000	132.507	1635.93	0.0015	P	1.7
5	☐	250.000	248.736	3038.31	0.0028	P	3.6
6	☐	500.000	508.659	6211.00	0.0056	P	0.4
7	☐	1000.000	994.930	12065.38	0.0109	P	3.5
8	☐			61.34	0.0001	P	7.3

$$y = 1.0901\text{E-}005 * x + 4.1648\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.404$$

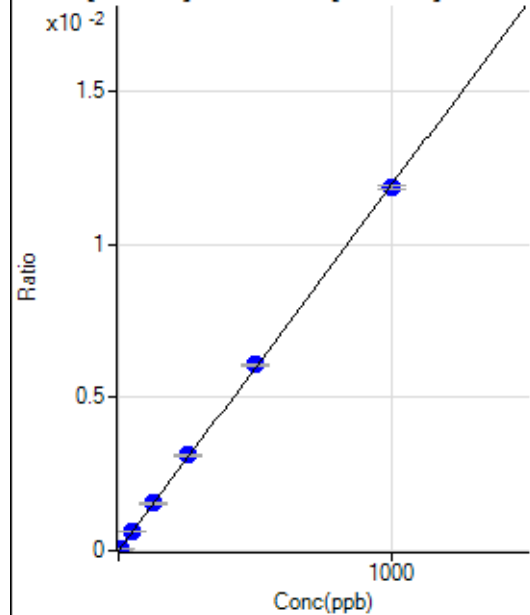
$$BEC = 3.821$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50356.08		P	3.4
2	☐			50704.78		P	0.4
3	☐			48648.01		P	0.2
4	☐			47647.25		P	0.6
5	☐			48517.56		P	1.0
6	☐			47787.93		P	1.1
7	☐			48588.53		P	1.9
8	☐			46371.64		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0000	P	57.5
2	☐	5.000	5.621	658.28	0.0001	P	6.1
3	☐	50.000	53.418	6146.56	0.0006	P	2.1
4	☐	125.000	130.075	14991.00	0.0016	P	2.9
5	☐	250.000	261.426	29754.17	0.0031	P	2.0
6	☐	500.000	507.719	58708.79	0.0061	P	0.7
7	☐	1000.000	992.476	114344.13	0.0118	P	0.9
8	☐			169.57	0.0000	P	10.2

$$y = 1.1929\text{E-}005 * x + 1.3873\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.2005$$

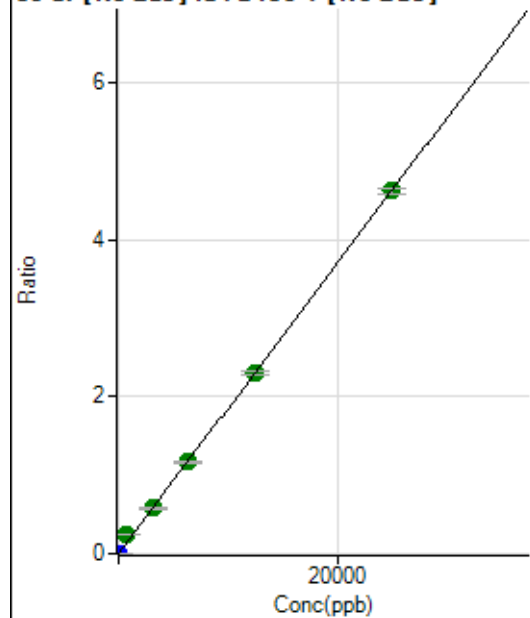
$$BEC = 0.1163$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			297.89		P	1.7
2	☐			285.80		P	2.1
3	☐			317.47		P	0.0
4	☐			282.89		P	11.4
5	☐			312.05		P	7.9
6	☐			333.71		P	5.4
7	☐			353.29		P	8.3
8	☐			332.88		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	550.02	0.0001	P	25.3
2	☐	1.000	0.967	2266.92	0.0002	P	7.2
3	☐	625.000	1274.952	2269670.32	0.2358	A	2.1
4	☐	3125.000	3131.408	5590289.01	0.5791	A	2.4
5	☐	6250.000	6305.464	11120147.82	1.1661	A	1.7
6	☐	12500.000	12419.139	22254568.90	2.2966	A	2.2
7	☐	25000.000	25009.514	44659815.93	4.6248	A	1.3
8	☐			11777.49	0.0012	P	5.5

$$y = 1.8492E-004 * x + 5.7063E-005$$

$$R = 0.9997$$

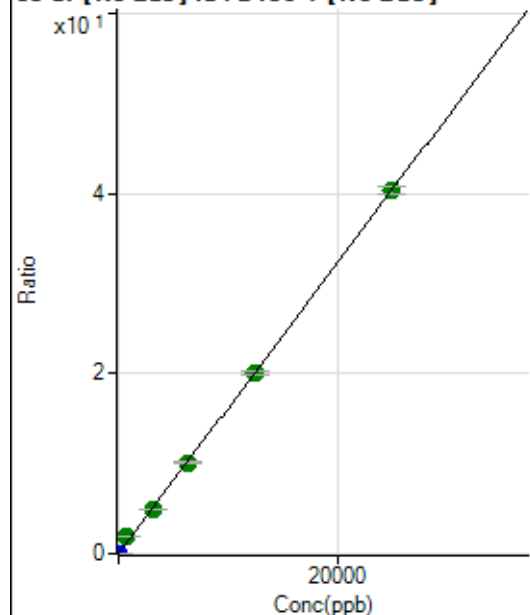
$$DL = 0.2345$$

$$BEC = 0.3086$$

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	186.12	0.0000	P	17.7
2	☐	1.000	1.011	15873.37	0.0016	P	5.5
3	☐	625.000	1226.865	19051033.76	1.9790	A	1.3
4	☐	3125.000	3055.321	47574047.59	4.9283	A	1.6
5	☐	6250.000	6267.351	96406359.10	10.1094	A	1.7
6	☐	12500.000	12506.142	195496708.5	20.1726	A	2.0
7	☐	25000.000	24986.255	389194894.8	40.3033	A	2.3
8	☐			99783.78	0.0106	P	3.6

$$y = 0.0016 * x + 1.9264E-005$$

$$R = 0.9997$$

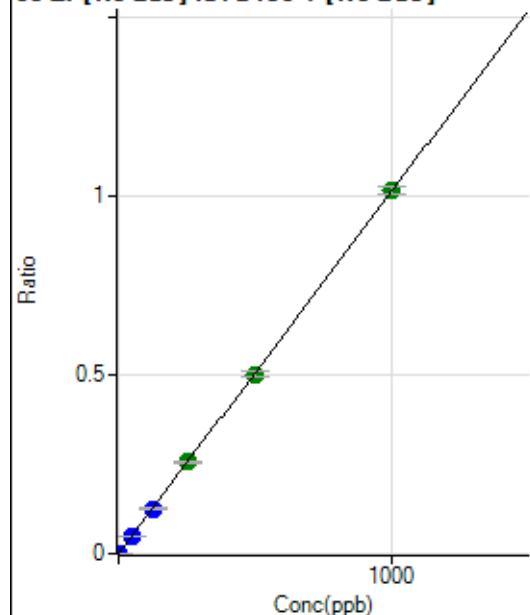
$$DL = 0.006356$$

$$BEC = 0.01194$$

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	375.02	0.0000	P	9.6
2	☐	1.000	0.919	9325.56	0.0010	P	5.3
3	☐	50.000	49.595	483929.58	0.0503	P	1.0
4	☐	125.000	124.442	1216771.23	0.1261	P	3.1
5	☐	250.000	253.250	2446396.02	0.2565	A	1.7
6	☐	500.000	494.920	4857025.67	0.5013	A	2.9
7	☐	1000.000	1001.817	9797171.92	1.0146	A	2.2
8	☐			2483.61	0.0003	P	5.4

$$y = 0.0010 * x + 3.8836E-005$$

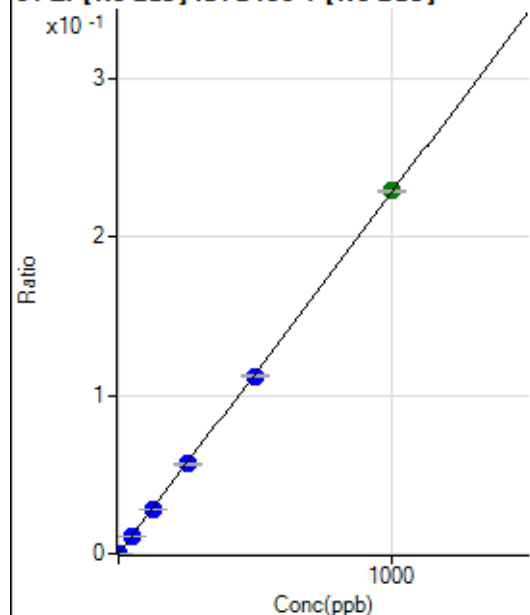
$$R = 1.0000$$

$$DL = 0.01099$$

$$BEC = 0.03835$$

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	63.89	0.0000	P	32.3
2	☐	1.000	0.930	2100.22	0.0002	P	3.8
3	☐	50.000	48.568	106489.94	0.0111	P	1.5
4	☐	125.000	122.800	269952.83	0.0280	P	1.4
5	☐	250.000	248.430	539437.35	0.0566	P	0.8
6	☐	500.000	491.381	1084127.28	0.1119	P	1.2
7	☐	1000.000	1005.049	2209693.93	0.2288	A	0.8
8	☐			469.47	0.0000	P	16.7

$$y = 2.2765E-004 * x + 6.6135E-006$$

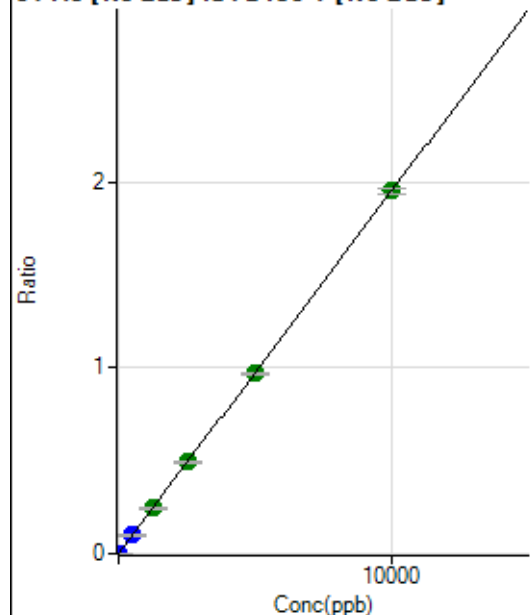
$$R = 0.9999$$

$$DL = 0.02812$$

$$BEC = 0.02905$$

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	105.56	0.0000	P	37.2
2	☐	5.000	5.824	11046.39	0.0011	P	2.8
3	☐	500.000	505.419	950306.65	0.0987	P	1.4
4	☐	1250.000	1254.358	2365024.14	0.2450	A	2.3
5	☐	2500.000	2522.720	4699679.71	0.4928	A	0.9
6	☐	5000.000	4976.562	9419952.12	0.9721	A	0.9
7	☐	10000.000	10005.223	18871233.75	1.9543	A	1.6
8	☐			5795.84	0.0006	P	8.2

$$y = 1.9532E-004 * x + 1.0930E-005$$

$$R = 1.0000$$

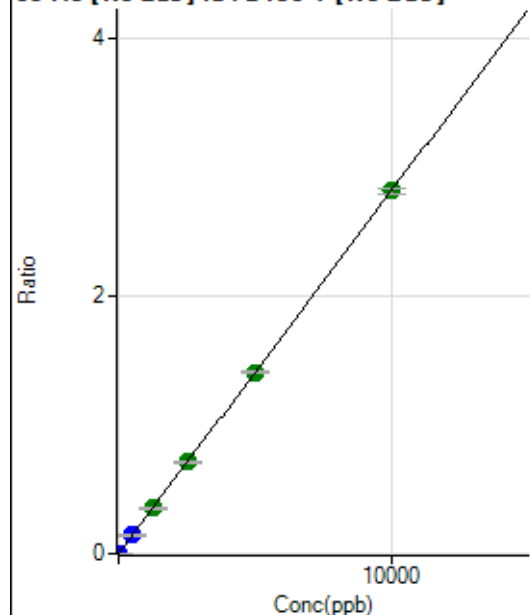
$$DL = 0.06246$$

$$BEC = 0.05596$$

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	8.33	0.0000	P	1.1
2	☐	5.000	5.185	14038.02	0.0015	P	2.9
3	☐	500.000	503.978	1364678.09	0.1418	P	1.0
4	☐	1250.000	1264.603	3433030.07	0.3557	A	3.8
5	☐	2500.000	2521.433	6764069.33	0.7092	A	0.7
6	☐	5000.000	4997.323	13622504.30	1.4057	A	0.4
7	☐	10000.000	9993.956	27148258.59	2.8112	A	1.3
8	☐			7449.45	0.0008	P	1.2

$$y = 2.8129\text{E-}004 * x + 8.6308\text{E-}007$$

$$R = 1.0000$$

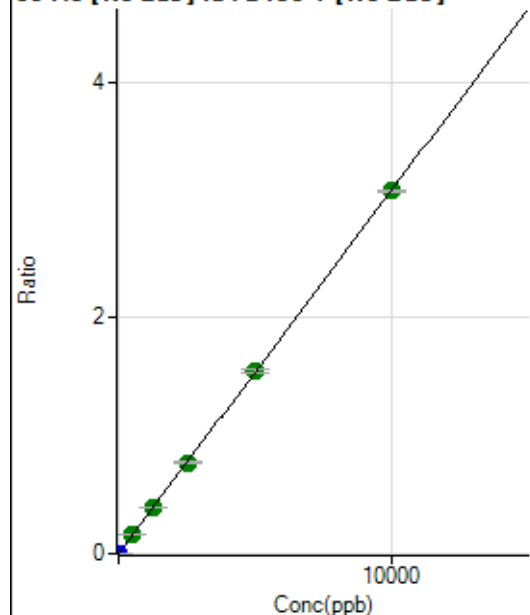
$$DL = 0.000104$$

$$BEC = 0.003068$$

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	155.56	0.0000	P	7.1
2	☐	5.000	5.114	15319.99	0.0016	P	2.3
3	☐	500.000	511.902	1519139.28	0.1578	A	1.9
4	☐	1250.000	1267.212	3770607.94	0.3907	A	3.4
5	☐	2500.000	2491.564	7326006.24	0.7681	A	2.1
6	☐	5000.000	5028.345	15022334.19	1.5502	A	1.6
7	☐	10000.000	9985.190	29727078.79	3.0783	A	0.8
8	☐			19853.55	0.0021	P	2.4

$$y = 3.0829\text{E-}004 * x + 1.6108\text{E-}005$$

$$R = 1.0000$$

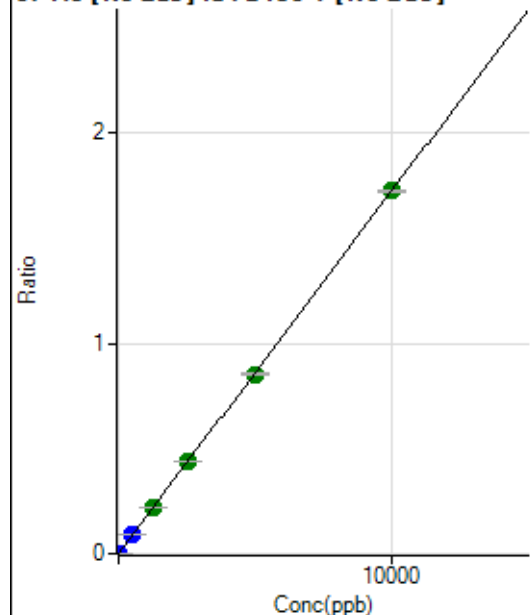
$$DL = 0.01114$$

$$BEC = 0.05225$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.0
2	☐	5.000	5.327	8861.41	0.0009	P	4.2
3	☐	500.000	510.377	847393.14	0.0880	P	2.2
4	☐	1250.000	1274.295	2121975.68	0.2198	A	2.1
5	☐	2500.000	2542.877	4183837.94	0.4387	A	1.3
6	☐	5000.000	4955.842	8285000.70	0.8549	A	0.9
7	☐	10000.000	10007.804	16672299.68	1.7265	A	0.4
8	☐			4528.65	0.0005	P	4.1

$$y = 1.7251\text{E-}004 * x + 2.3123\text{E-}006$$

$$R = 1.0000$$

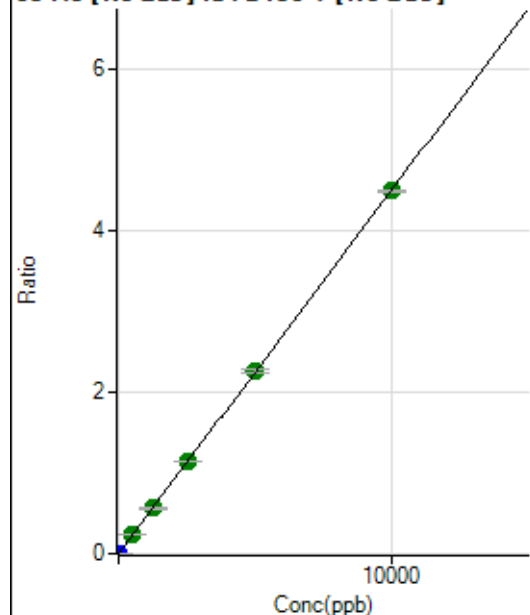
$$DL = 0.02333$$

$$BEC = 0.0134$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	61.9
2	☐	5.000	4.956	21522.74	0.0022	P	1.1
3	☐	500.000	506.550	2197342.76	0.2283	A	0.5
4	☐	1250.000	1246.061	5420688.66	0.5615	A	1.0
5	☐	2500.000	2537.083	10902980.36	1.1432	A	1.0
6	☐	5000.000	5013.993	21894215.07	2.2594	A	1.8
7	☐	10000.000	9983.897	43444466.94	4.4989	A	0.8
8	☐			11288.22	0.0012	P	1.7

$$y = 4.5061\text{E-}004 * x + 4.8799\text{E-}006$$

$$R = 1.0000$$

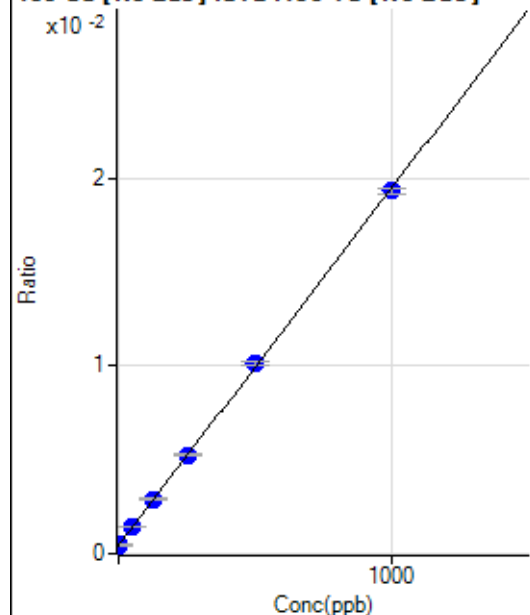
$$DL = 0.0201$$

$$BEC = 0.01083$$

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	3528.33	0.0004	P	9.3
2	☐	1.000	1.600	3764.51	0.0005	P	4.5
3	☐	50.000	53.093	11836.00	0.0014	P	3.8
4	☐	125.000	130.611	23718.18	0.0029	P	2.6
5	☐	250.000	254.166	44383.56	0.0053	P	3.6
6	☐	500.000	510.604	84548.13	0.0102	P	1.7
7	☐	1000.000	992.800	161519.15	0.0193	P	1.6
8	☐			3661.70	0.0005	P	9.9

$$y = 1.9049\text{E-}005 * x + 4.3415\text{E-}004$$

$$R = 0.9999$$

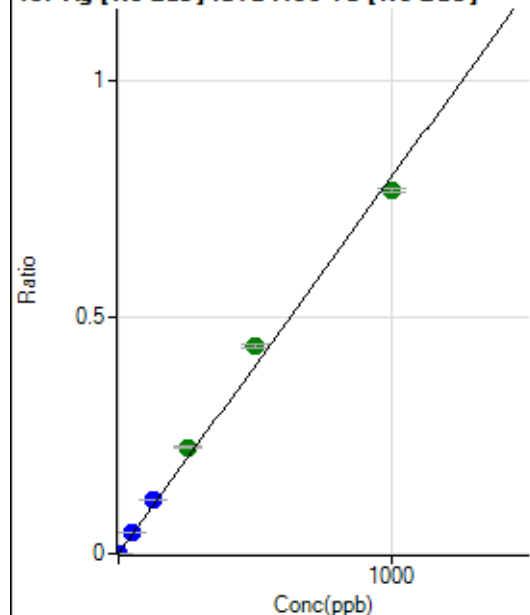
$$DL = 6.38$$

$$BEC = 22.79$$

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	136.11	0.0000	P	7.8
2	☐	1.000	1.173	7699.59	0.0010	P	2.2
3	☐	50.000	57.143	372606.88	0.0455	P	1.4
4	☐	125.000	142.328	919544.52	0.1133	P	1.4
5	☐	250.000	281.375	1884510.89	0.2240	A	2.0
6	☐	500.000	551.934	3655179.60	0.4393	A	2.2
7	☐	1000.000	963.666	6403785.69	0.7670	A	1.1
8	☐			3264.39	0.0004	P	6.6

$$y = 7.9588\text{E-}004 * x + 1.6750\text{E-}005$$

$$R = 0.9973$$

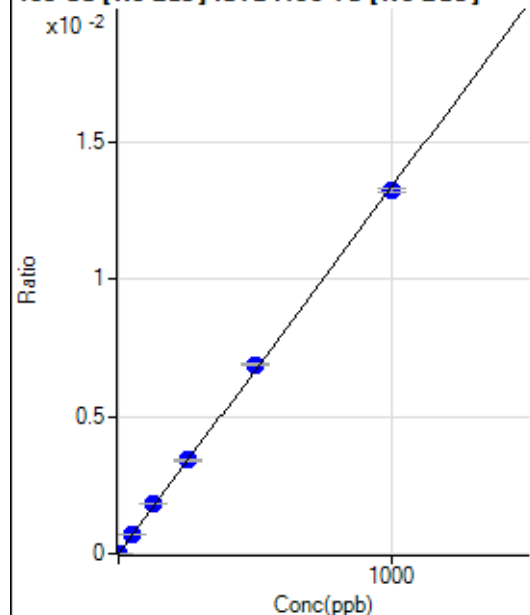
$$DL = 0.00493$$

$$BEC = 0.02105$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	66.7
2	☐	1.000	1.104	131.95	0.0000	P	6.6
3	☐	50.000	53.756	5895.79	0.0007	P	4.3
4	☐	125.000	135.484	14710.76	0.0018	P	2.4
5	☐	250.000	254.459	28629.88	0.0034	P	2.6
6	☐	500.000	515.845	57392.48	0.0069	P	1.4
7	☐	1000.000	989.464	110435.41	0.0132	P	1.1
8	☐			66.67	0.0000	P	22.5

$$y = 1.3366\text{E-}005 * x + 1.5354\text{E-}006$$

R = 0.9998

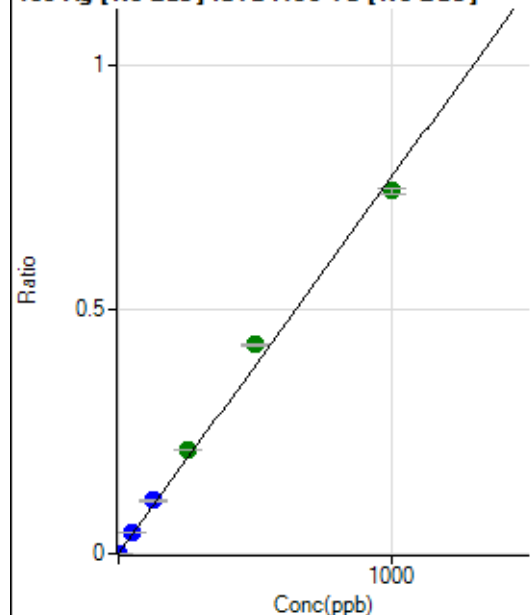
DL = 0.2299

BEC = 0.1149

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	73.8
2	☐	1.000	1.181	7416.08	0.0009	P	1.5
3	☐	50.000	57.115	360165.45	0.0440	P	1.3
4	☐	125.000	141.513	884340.58	0.1090	P	1.9
5	☐	250.000	275.632	1785659.07	0.2122	A	1.7
6	☐	500.000	554.995	3555649.78	0.4273	A	1.4
7	☐	1000.000	963.674	6194338.37	0.7419	A	1.8
8	☐			2839.27	0.0004	P	5.7

$$y = 7.6988\text{E-}004 * x + 5.8320\text{E-}006$$

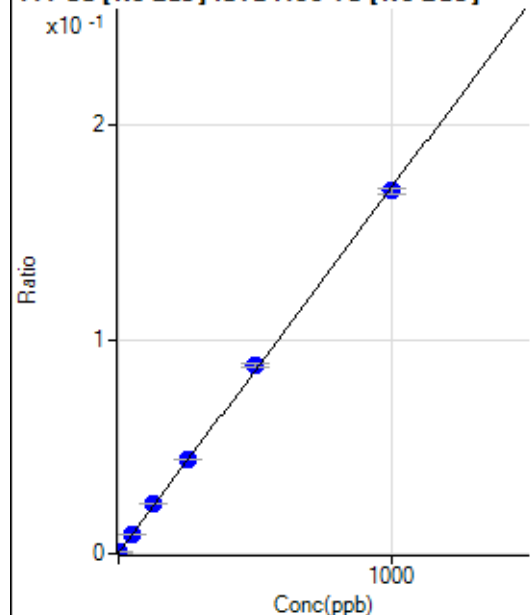
R = 0.9972

DL = 0.01677

BEC = 0.007575

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	2463.86	0.0003	P	9.6
2	☐	1.000	1.145	4040.12	0.0005	P	3.3
3	☐	50.000	53.295	77011.07	0.0094	P	0.5
4	☐	125.000	133.220	187092.71	0.0231	P	0.9
5	☐	250.000	255.735	370010.10	0.0440	P	1.7
6	☐	500.000	512.580	730754.74	0.0878	P	2.4
7	☐	1000.000	991.084	1415430.49	0.1695	P	1.4
8	☐			3012.37	0.0004	P	8.7

$$y = 1.7075\text{E-}004 * x + 3.0317\text{E-}004$$

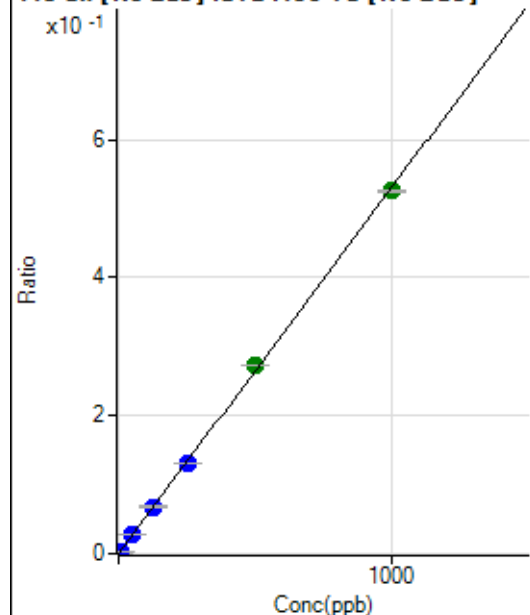
$$R = 0.9998$$

$$DL = 0.5117$$

$$BEC = 1.776$$

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	486.14	0.0001	P	8.7
2	☐	5.000	5.173	22708.28	0.0028	P	1.2
3	☐	50.000	51.295	223228.21	0.0273	P	0.4
4	☐	125.000	128.426	553161.10	0.0682	P	1.7
5	☐	250.000	246.533	1100502.98	0.1308	P	1.1
6	☐	500.000	517.479	2284019.93	0.2744	A	0.1
7	☐	1000.000	991.633	4390372.80	0.5258	A	0.8
8	☐			5078.88	0.0006	P	5.9

$$y = 5.3021\text{E-}004 * x + 5.9822\text{E-}005$$

$$R = 0.9998$$

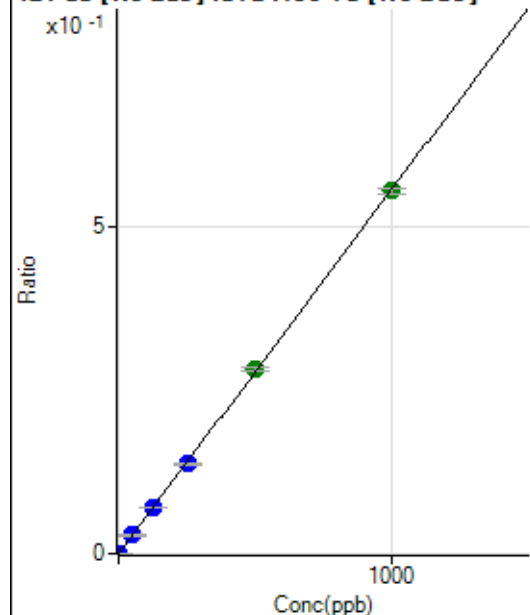
$$DL = 0.02961$$

$$BEC = 0.1128$$

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	16.67	0.0000	P	50.5
2	☐	2.000	2.108	9523.04	0.0012	P	0.7
3	☐	50.000	50.223	228949.90	0.0280	P	0.7
4	☐	125.000	127.184	574591.50	0.0708	P	1.9
5	☐	250.000	246.993	1156786.99	0.1375	P	2.2
6	☐	500.000	506.831	2347472.36	0.2821	A	2.8
7	☐	1000.000	997.052	4633422.76	0.5550	A	1.9
8	☐			2886.50	0.0004	P	10.2

$$y = 5.5661\text{E-}004 * x + 2.0525\text{E-}006$$

$$R = 1.0000$$

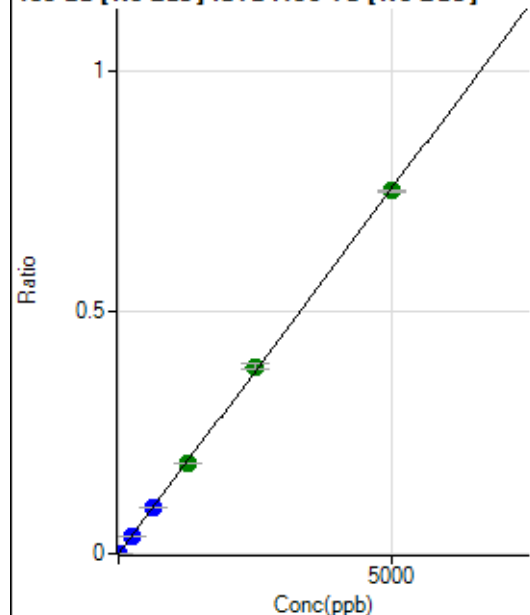
$$DL = 0.005588$$

$$BEC = 0.003687$$

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	22.22	0.0000	P	21.6
2	☐	10.000	9.621	11797.11	0.0015	P	2.7
3	☐	250.000	246.043	304417.45	0.0372	P	1.9
4	☐	625.000	632.198	775136.76	0.0955	P	0.8
5	☐	1250.000	1240.729	1577071.13	0.1874	A	1.7
6	☐	2500.000	2559.855	3217330.91	0.3867	A	3.0
7	☐	5000.000	4971.689	6270562.12	0.7510	A	0.2
8	☐			3822.86	0.0005	P	5.3

$$y = 1.5105\text{E-}004 * x + 2.7334\text{E-}006$$

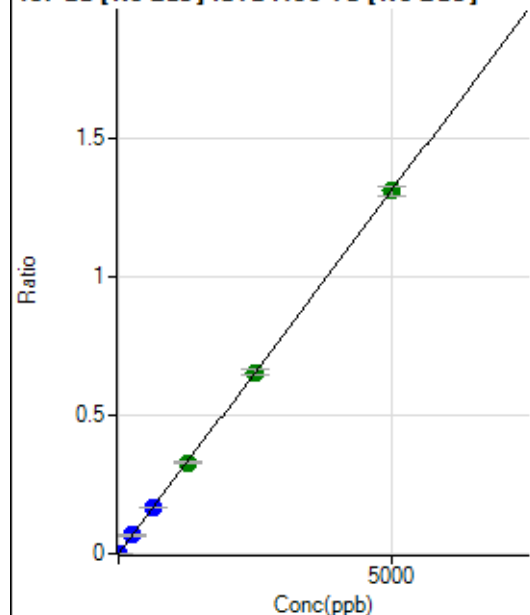
$$R = 0.9999$$

$$DL = 0.01172$$

$$BEC = 0.0181$$

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	8.33	0.0000	P	100.
2	☐	10.000	9.904	21086.36	0.0026	P	1.1
3	☐	250.000	251.698	541459.65	0.0661	P	1.5
4	☐	625.000	634.198	1352142.29	0.1666	P	1.4
5	☐	1250.000	1247.379	2757138.04	0.3277	A	1.8
6	☐	2500.000	2502.019	5468233.06	0.6572	A	2.7
7	☐	5000.000	4998.412	10961796.77	1.3130	A	2.5
8	☐			6712.98	0.0008	P	4.6

$$y = 2.6267E-004 * x + 1.0228E-006$$

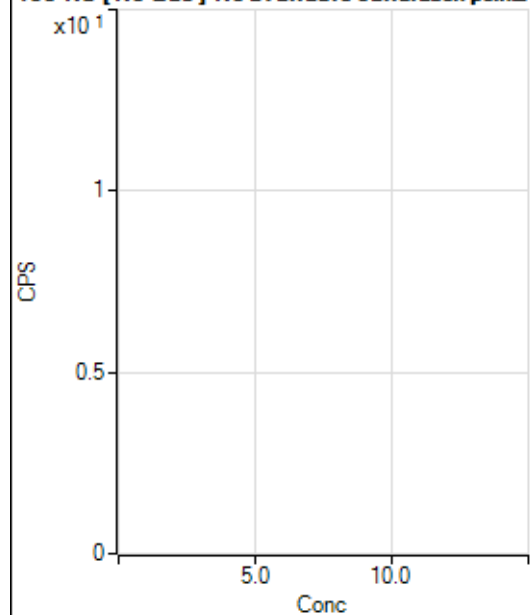
$$R = 1.0000$$

$$DL = 0.01172$$

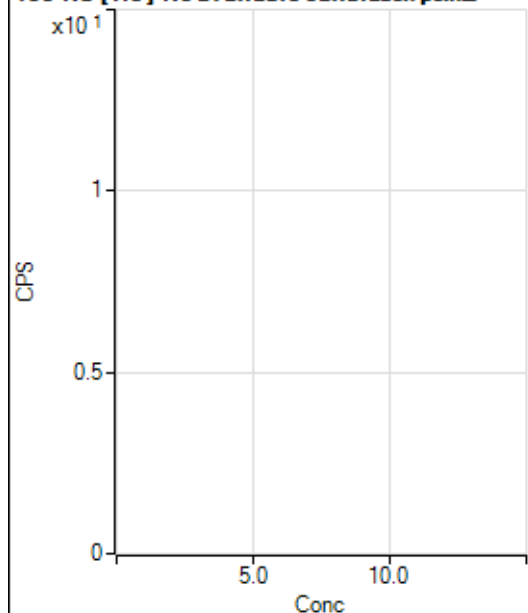
$$BEC = 0.003894$$

Weight: <None>

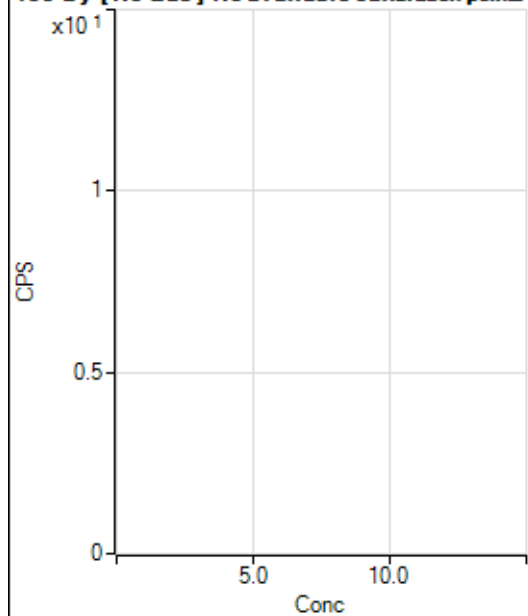
Min Conc: 0

150 Nd [No Gas] No available calibration points

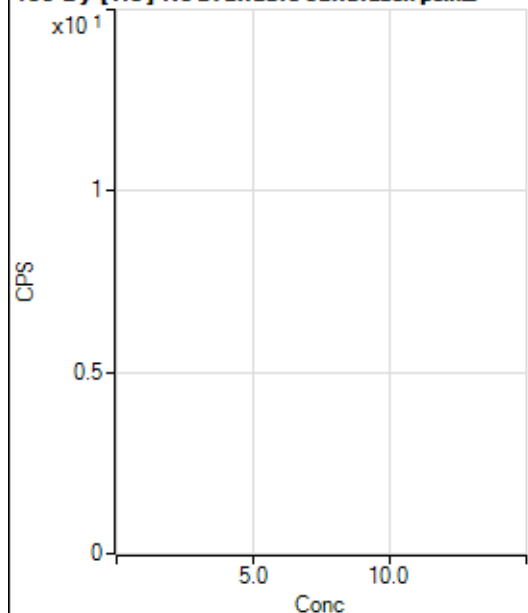
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.45		P	86.6
3	☐			40.00		P	16.7
4	☐			113.34		P	23.5
5	☐			175.56		P	4.4
6	☐			440.02		P	8.4
7	☐			835.60		P	6.0
8	☐			57.78		P	24.0

150 Nd [He] No available calibration points

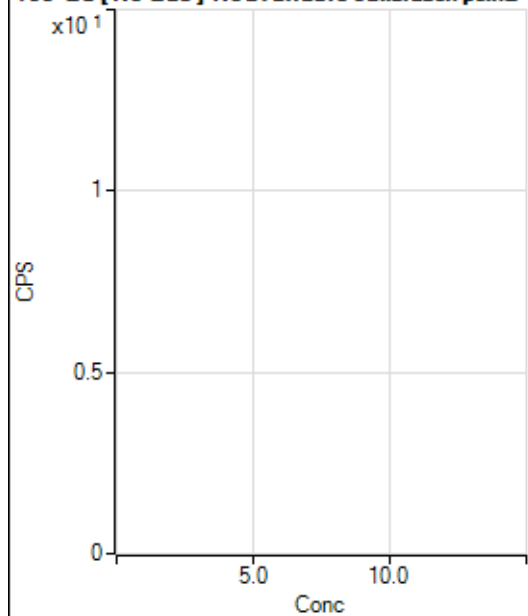
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			6.67		P	100.
4	☐			10.00		P	33.3
5	☐			13.34		P	43.3
6	☐			32.22		P	15.8
7	☐			78.89		P	13.6
8	☐			13.33		P	75.0

156 Dy [No Gas] No available calibration points

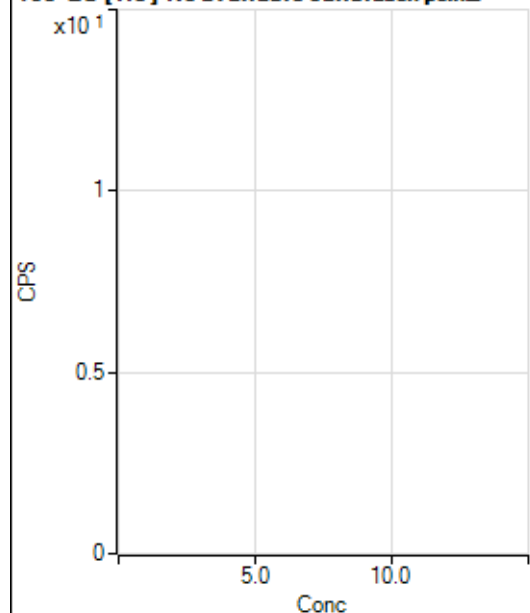
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			5.55		P	86.6
3	☐			25.00		P	33.3
4	☐			58.34		P	24.7
5	☐			88.89		P	60.3
6	☐			205.57		P	30.4
7	☐			413.91		P	13.7
8	☐			1122.30		P	4.9

156 Dy [He] No available calibration points

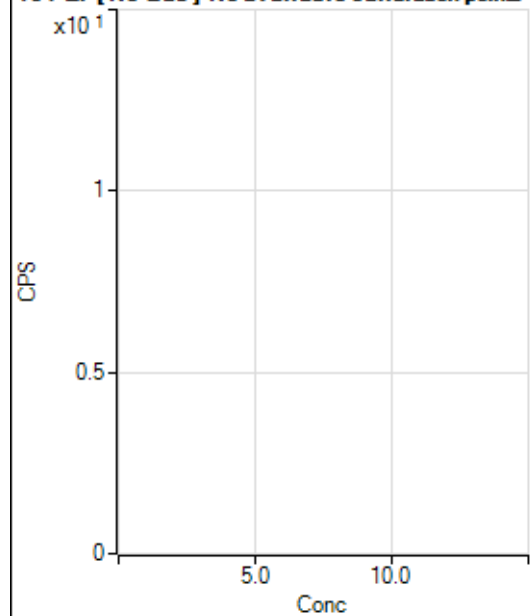
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			11.11		P	91.7
4	☐			23.33		P	37.8
5	☐			47.78		P	45.4
6	☐			115.56		P	23.5
7	☐			195.56		P	7.9
8	☐			477.79		P	11.3

160 Gd [No Gas] Noavailable calibration poin_

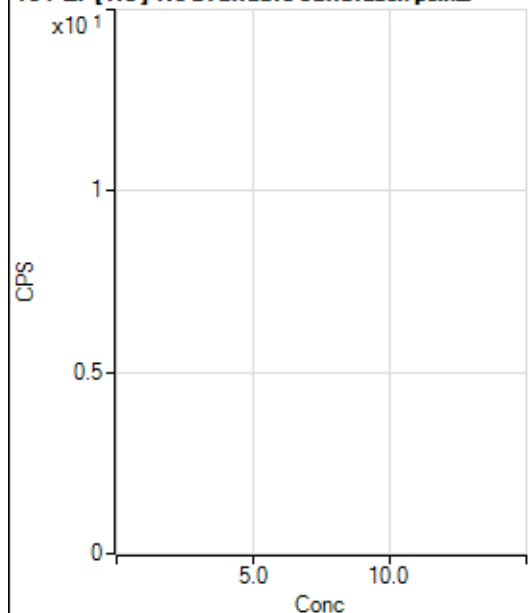
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	24.7
2	☐			47.22		P	10.2
3	☐			66.67		P	33.1
4	☐			83.34		P	34.6
5	☐			125.01		P	23.1
6	☐			213.90		P	21.5
7	☐			397.24		P	16.3
8	☐			1227.87		P	23.4

160 Gd [He] No available calibration points

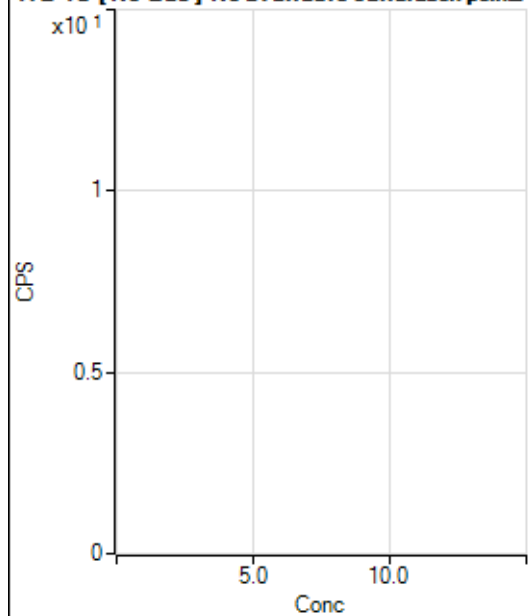
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	18.2
2	☐			132.23		P	8.9
3	☐			140.01		P	10.9
4	☐			148.89		P	5.6
5	☐			160.00		P	10.8
6	☐			188.89		P	7.1
7	☐			293.34		P	3.0
8	☐			661.14		P	5.4

164 Er [No Gas] No available calibration points

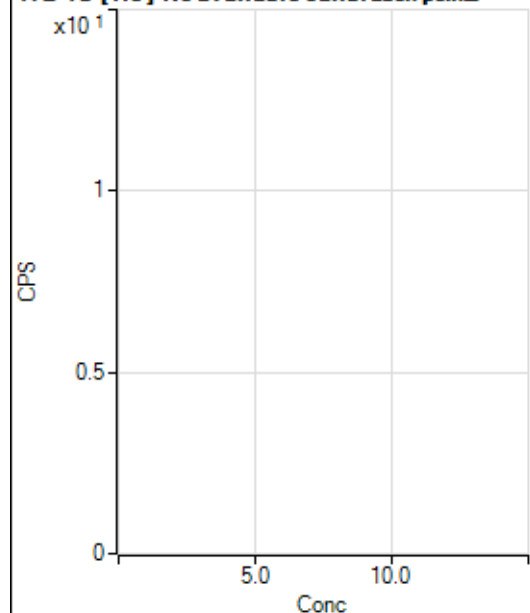
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐			58.33		P	14.3
3	☐			66.67		P	21.7
4	☐			75.00		P	22.2
5	☐			75.00		P	61.9
6	☐			97.23		P	13.1
7	☐			177.79		P	14.3
8	☐			127.78		P	21.0

164 Er [He] No available calibration points

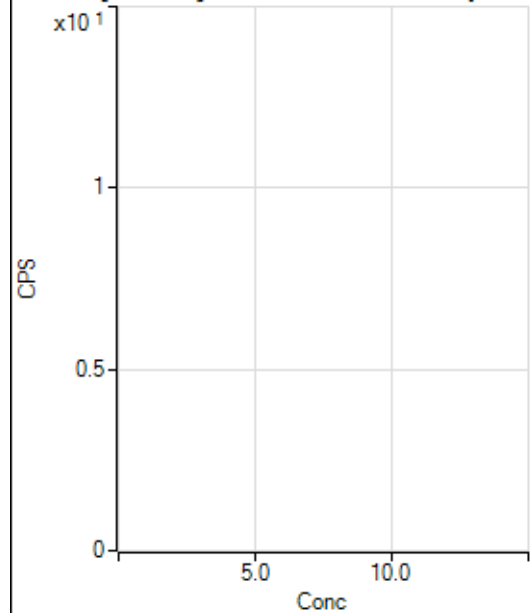
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	34.4
2	☐			22.22		P	31.2
3	☐			23.33		P	28.6
4	☐			34.44		P	49.7
5	☐			36.67		P	15.7
6	☐			47.78		P	26.4
7	☐			61.11		P	11.4
8	☐			51.11		P	16.4

172 Yb [No Gas] No available calibration points

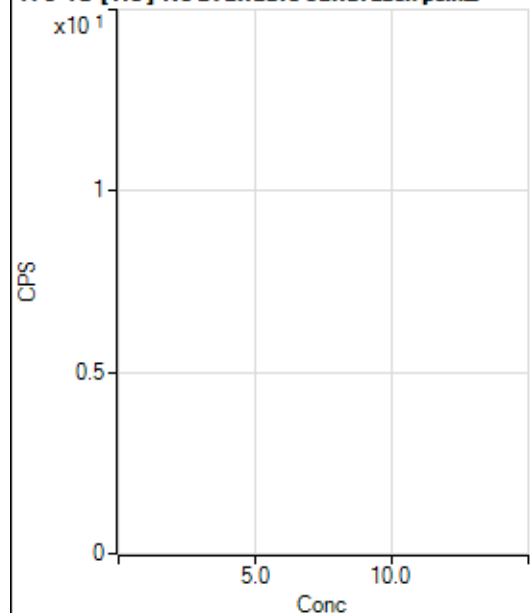
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	0.0
2	☐			33.33		P	25.0
3	☐			75.00		P	44.4
4	☐			94.45		P	20.4
5	☐			116.67		P	14.3
6	☐			122.23		P	20.8
7	☐			208.34		P	17.4
8	☐			500.03		P	2.9

172 Yb [He] No available calibration points

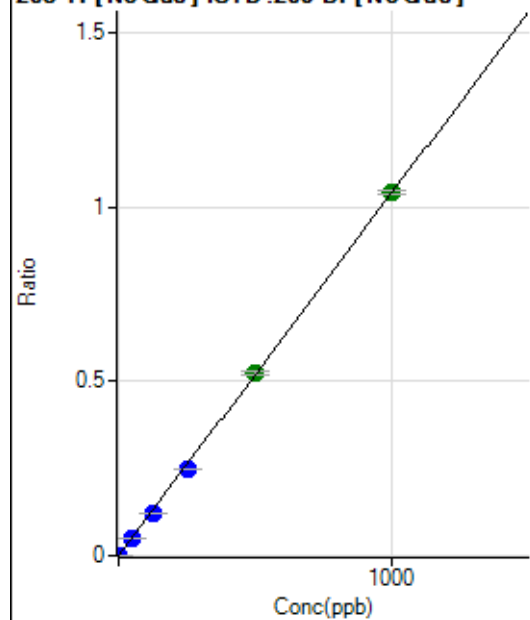
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.19		P	24.1
2	☐			33.33		P	44.1
3	☐			40.74		P	41.7
4	☐			27.78		P	34.6
5	☐			27.78		P	20.0
6	☐			70.37		P	39.7
7	☐			92.59		P	18.3
8	☐			225.93		P	7.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1177.86		P	4.1
2	☐			1350.11		P	6.2
3	☐			2236.35		P	5.9
4	☐			4173.00		P	6.5
5	☐			6921.45		P	1.0
6	☐			12664.72		P	2.7
7	☐			24036.39		P	3.6
8	☐			1561.25		P	10.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8399.15		P	7.9
2	☐			8549.22		P	2.6
3	☐			8962.46		P	3.6
4	☐			9627.75		P	5.8
5	☐			10889.85		P	2.8
6	☐			13453.37		P	1.2
7	☐			18891.57		P	2.9
8	☐			8608.51		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0000	P	20.6
2	☐	1.000	0.987	5312.33	0.0011	P	3.5
3	☐	50.000	47.769	253055.55	0.0498	P	0.3
4	☐	125.000	117.879	631830.04	0.1227	P	1.6
5	☐	250.000	237.640	1284260.17	0.2474	P	1.1
6	☐	500.000	506.157	2692145.91	0.5270	A	2.1
7	☐	1000.000	1001.013	5256338.53	1.0422	A	0.9
8	☐			1405.67	0.0003	P	8.0

$$y = 0.0010 * x + 2.5248E-005$$

$$R = 0.9999$$

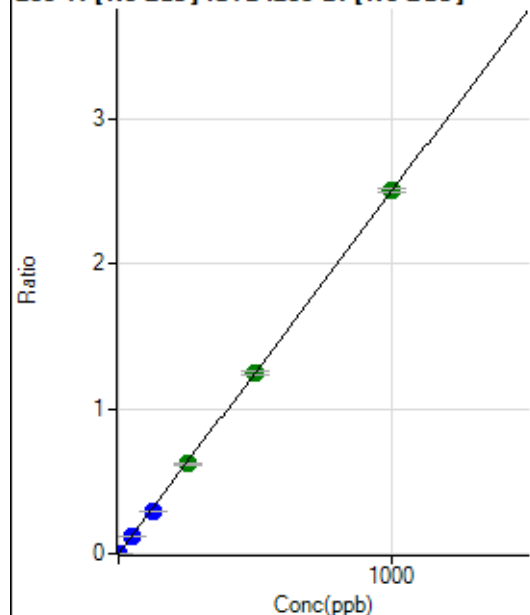
$$DL = 0.015$$

$$BEC = 0.02425$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	294.46	0.0001	P	19.7
2	☐	1.000	0.938	12125.44	0.0024	P	1.7
3	☐	50.000	48.461	616593.06	0.1213	P	1.9
4	☐	125.000	117.919	1518369.68	0.2950	P	2.1
5	☐	250.000	249.161	3234711.92	0.6232	A	1.9
6	☐	500.000	498.967	6373711.25	1.2480	A	3.0
7	☐	1000.000	1001.688	12636088.91	2.5053	A	1.0
8	☐			3272.73	0.0007	P	4.5

$$y = 0.0025 * x + 5.8173E-005$$

$$R = 1.0000$$

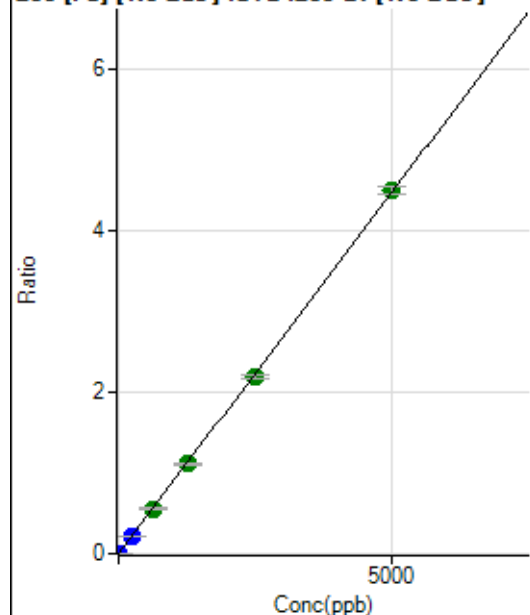
$$DL = 0.01372$$

$$BEC = 0.02326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	429.64	0.0001	P	28.2
2	☐	1.000	0.897	4471.22	0.0009	P	2.4
3	☐	250.000	233.919	1063675.26	0.2092	P	1.9
4	☐	625.000	622.397	2864188.06	0.5565	A	2.8
5	☐	1250.000	1243.540	5770640.00	1.1117	A	1.4
6	☐	2500.000	2454.288	11207015.65	2.1940	A	2.4
7	☐	5000.000	5025.600	22659145.41	4.4925	A	2.1
8	☐			5177.06	0.0012	P	6.0

$$y = 8.9391E-004 * x + 8.4989E-005$$

$$R = 0.9999$$

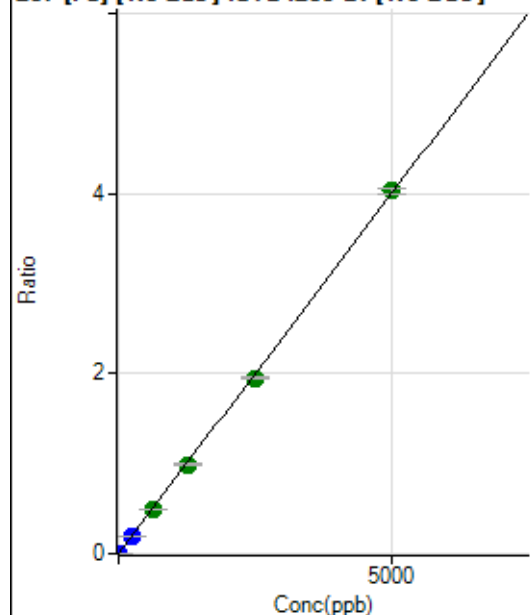
$$DL = 0.08043$$

$$BEC = 0.09508$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	412.98	0.0001	P	16.5
2	☐	1.000	0.908	4078.50	0.0008	P	3.6
3	☐	250.000	233.776	952110.62	0.1872	P	1.3
4	☐	625.000	612.486	2524097.08	0.4904	A	2.3
5	☐	1250.000	1233.690	5126184.84	0.9876	A	2.0
6	☐	2500.000	2436.647	9964609.95	1.9505	A	1.1
7	☐	5000.000	5038.129	20340998.37	4.0329	A	1.7
8	☐			4513.83	0.0010	P	1.6

$$y = 8.0046\text{E-}004 * x + 8.1602\text{E-}005$$

$$R = 0.9999$$

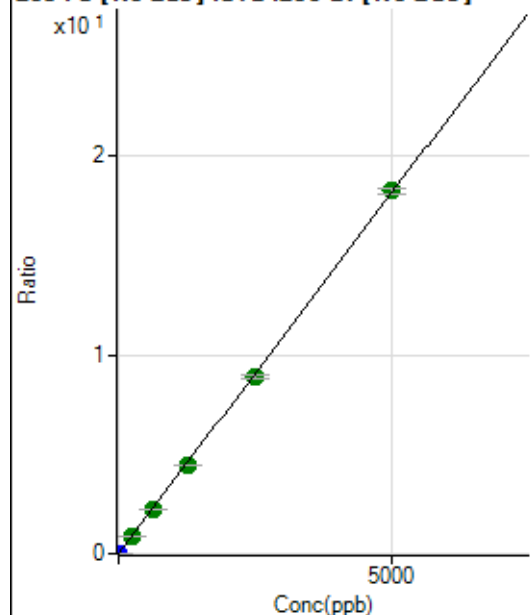
$$DL = 0.05055$$

$$BEC = 0.1019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1887.13	0.0004	P	4.2
2	☐	1.000	0.906	18468.47	0.0037	P	1.5
3	☐	250.000	240.982	4448990.34	0.8749	A	0.9
4	☐	625.000	612.556	11443878.67	2.2232	A	2.3
5	☐	1250.000	1231.856	23205320.25	4.4706	A	1.2
6	☐	2500.000	2447.064	45362337.01	8.8803	A	1.8
7	☐	5000.000	5033.011	92120056.00	18.2643	A	1.8
8	☐			20958.95	0.0048	P	3.2

$$y = 0.0036 * x + 3.7306\text{E-}004$$

$$R = 0.9999$$

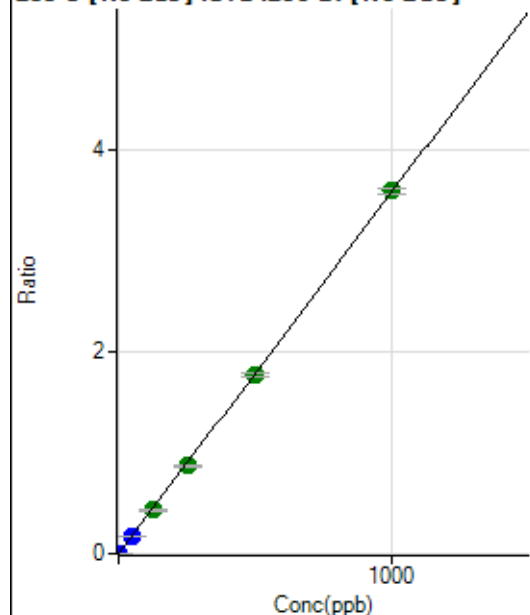
$$DL = 0.01298$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.0
2	☐	1.000	0.906	16405.48	0.0033	P	2.1
3	☐	50.000	46.327	843816.60	0.1659	P	0.7
4	☐	125.000	120.701	2225272.23	0.4323	A	1.8
5	☐	250.000	243.354	4523578.31	0.8716	A	2.3
6	☐	500.000	495.128	9059197.77	1.7733	A	1.4
7	☐	1000.000	1004.818	18151607.18	3.5987	A	1.7
8	☐			875.05	0.0002	P	0.6

$$y = 0.0036 * x + 7.6850E-006$$

$$R = 1.0000$$

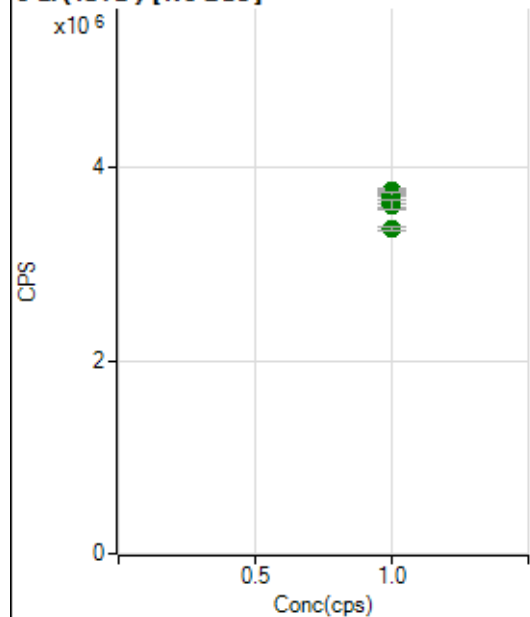
$$DL = 0.0007755$$

$$BEC = 0.002146$$

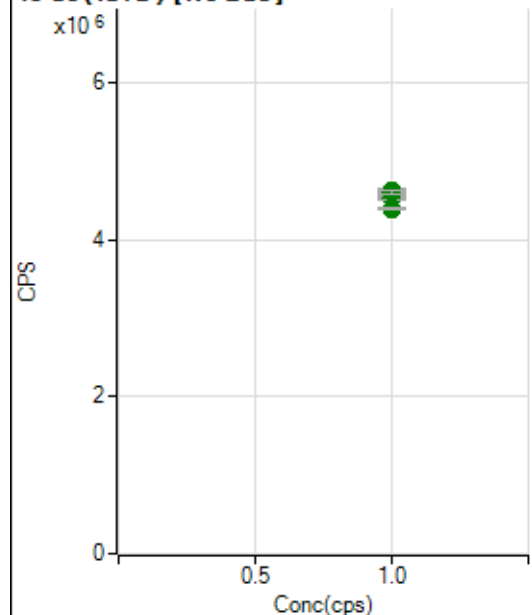
Weight: <None>

Min Conc: 0

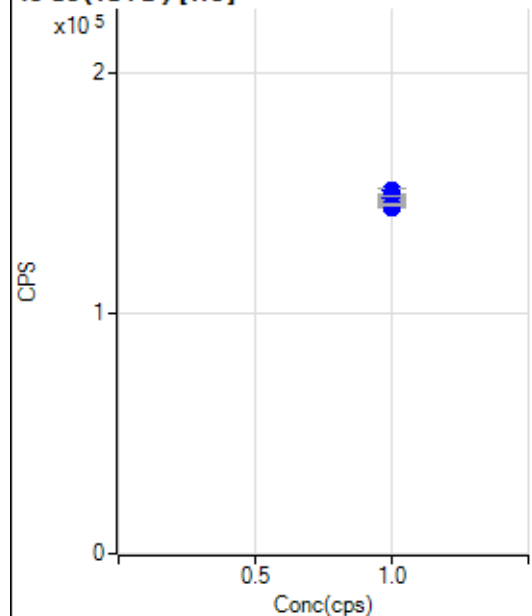
6 Li (ISTD) [No Gas]



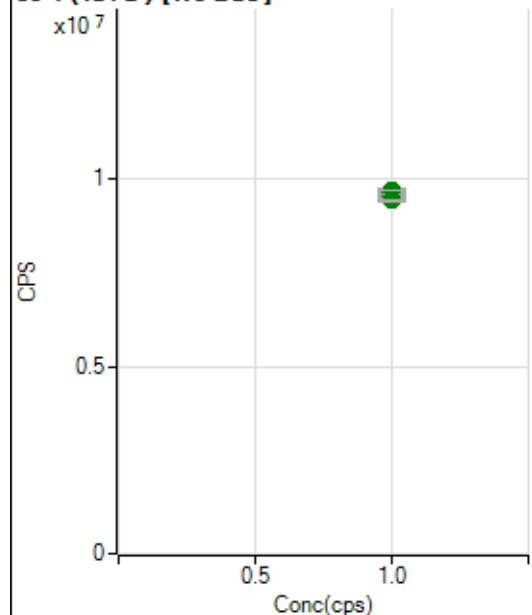
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3604821.23		A	1.3
2	☐	1.000		3645480.42		A	1.4
3	☐	1.000		3756332.42		A	1.6
4	☐	1.000		3731125.18		A	1.7
5	☐	1.000		3704982.38		A	2.2
6	☐	1.000		3686682.09		A	3.1
7	☐	1.000		3614086.14		A	2.6
8	☐	1.000		3364357.93		A	1.5

45 Sc (ISTD) [No Gas]

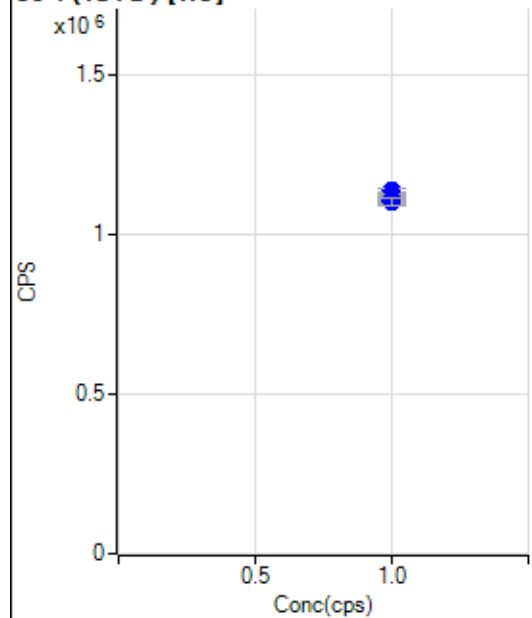
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4592760.83		A	0.8
2	☐	1.000		4614126.35		A	2.6
3	☐	1.000		4629821.88		A	1.1
4	☐	1.000		4565061.04		A	1.0
5	☐	1.000		4588625.31		A	0.5
6	☐	1.000		4540481.56		A	0.7
7	☐	1.000		4617354.37		A	0.7
8	☐	1.000		4399297.05		A	0.6

45 Sc (ISTD) [He]

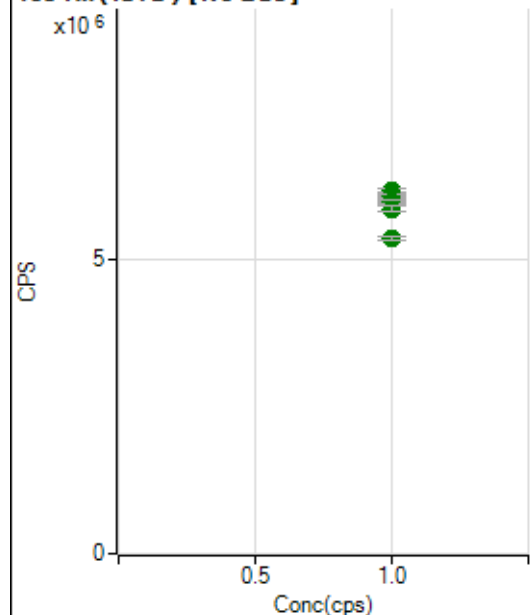
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		151192.80		P	1.5
2	☐	1.000		148981.04		P	1.0
3	☐	1.000		149839.66		P	0.5
4	☐	1.000		146449.49		P	0.5
5	☐	1.000		145078.85		P	1.0
6	☐	1.000		144635.52		P	0.6
7	☐	1.000		147894.94		P	1.1
8	☐	1.000		145433.08		P	1.1

89 Y (ISTD) [No Gas]

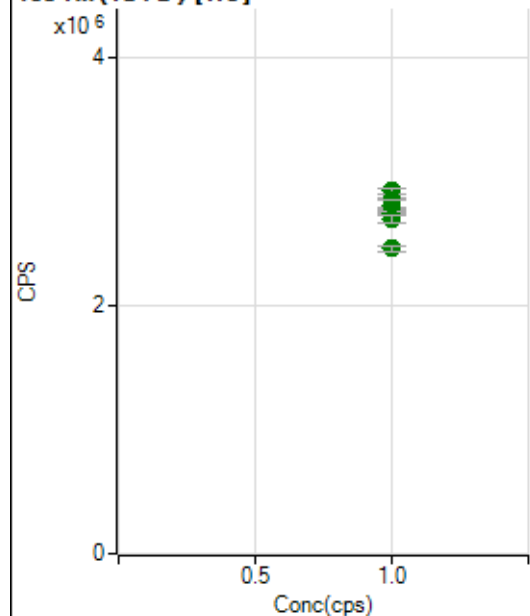
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9652331.52		A	1.1
2	☐	1.000		9617727.01		A	1.0
3	☐	1.000		9627151.24		A	2.2
4	☐	1.000		9654946.66		A	1.7
5	☐	1.000		9537509.51		A	1.1
6	☐	1.000		9691179.37		A	0.8
7	☐	1.000		9657112.22		A	0.7
8	☐	1.000		9431853.96		A	0.8

89 Y (ISTD) [He]

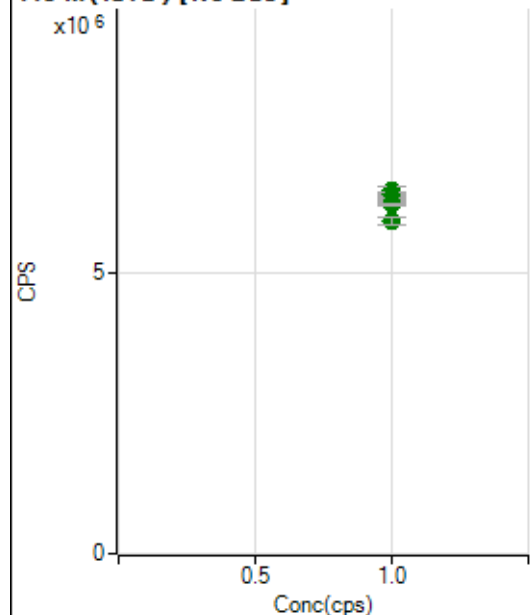
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1136948.08		P	0.9
2	☐	1.000		1116201.77		P	2.2
3	☐	1.000		1124286.37		P	0.8
4	☐	1.000		1100813.05		P	0.2
5	☐	1.000		1103776.81		P	0.8
6	☐	1.000		1111769.11		P	0.4
7	☐	1.000		1108395.24		P	1.1
8	☐	1.000		1101687.00		P	2.0

103 Rh (ISTD) [No Gas]

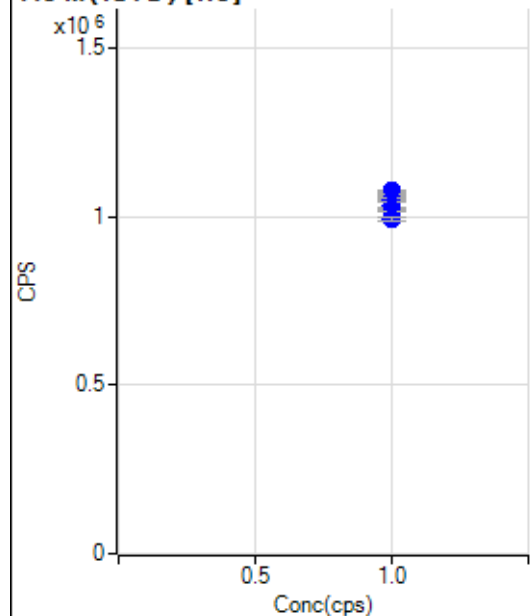
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6162550.40		A	1.4
2	☐	1.000		6081649.96		A	0.8
3	☐	1.000		6115710.34		A	1.2
4	☐	1.000		6066890.67		A	2.7
5	☐	1.000		6068973.05		A	0.9
6	☐	1.000		5972377.52		A	0.7
7	☐	1.000		5860001.26		A	1.3
8	☐	1.000		5360860.53		A	1.3

103 Rh (ISTD) [He]

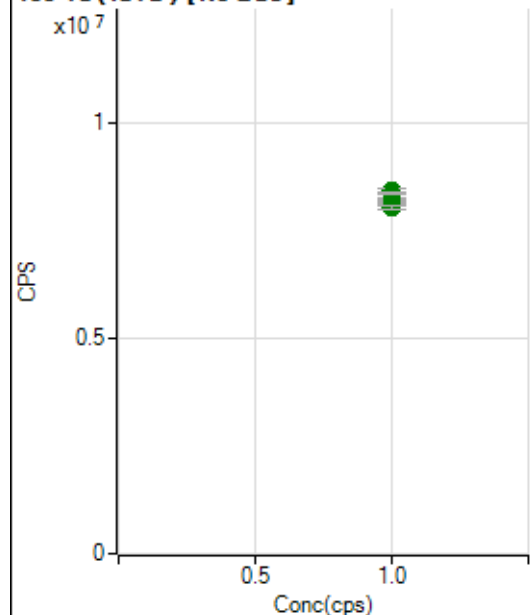
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2923400.20		A	1.7
2	☐	1.000		2804614.46		A	3.9
3	☐	1.000		2851580.34		A	0.4
4	☐	1.000		2777782.70		A	0.3
5	☐	1.000		2754206.38		A	1.0
6	☐	1.000		2743623.02		A	1.5
7	☐	1.000		2698448.31		A	2.1
8	☐	1.000		2460731.04		A	2.1

115 In (ISTD) [No Gas]

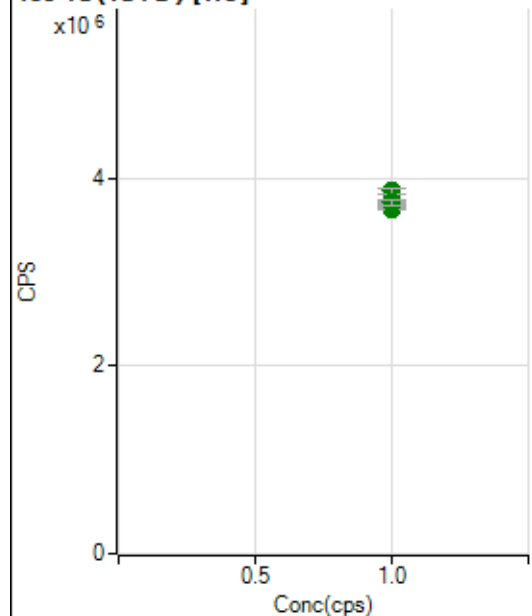
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6461091.12		A	2.2
2	☐	1.000		6395649.30		A	1.5
3	☐	1.000		6384916.03		A	1.4
4	☐	1.000		6308549.46		A	1.2
5	☐	1.000		6321529.31		A	1.5
6	☐	1.000		6326476.08		A	0.8
7	☐	1.000		6216694.34		A	0.1
8	☐	1.000		5935025.00		A	2.4

115 In (ISTD) [He]

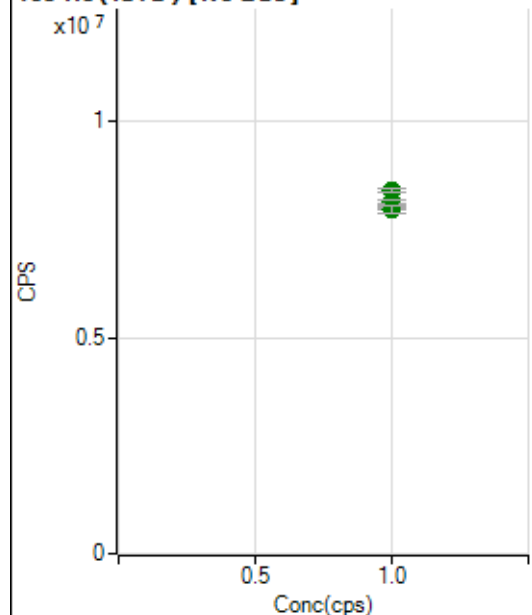
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1075638.84		P	0.1
2	☐	1.000		1059865.62		P	1.9
3	☐	1.000		1064554.54		P	0.3
4	☐	1.000		1049913.58		P	0.8
5	☐	1.000		1033849.37		P	1.4
6	☐	1.000		1022530.90		P	0.3
7	☐	1.000		1014062.09		P	0.1
8	☐	1.000		992799.88		P	1.0

159 Tb (ISTD) [No Gas]

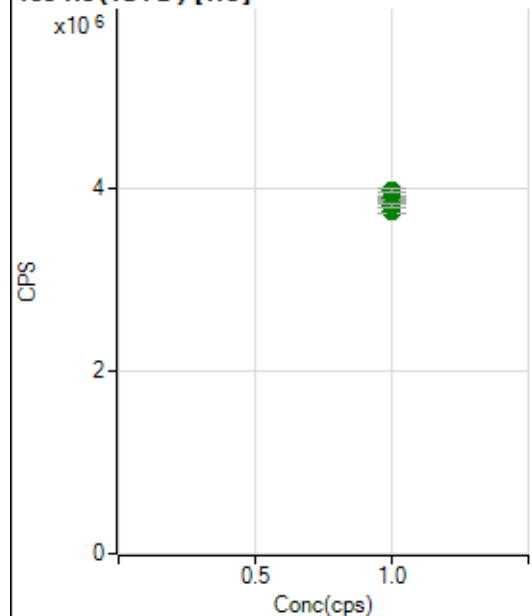
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8129703.56		A	0.8
2	☐	1.000		8102251.06		A	0.0
3	☐	1.000		8189788.56		A	0.8
4	☐	1.000		8116853.77		A	0.4
5	☐	1.000		8416136.06		A	1.6
6	☐	1.000		8322772.03		A	1.7
7	☐	1.000		8349571.68		A	0.5
8	☐	1.000		8030101.90		A	1.4

159 Tb (ISTD) [He]

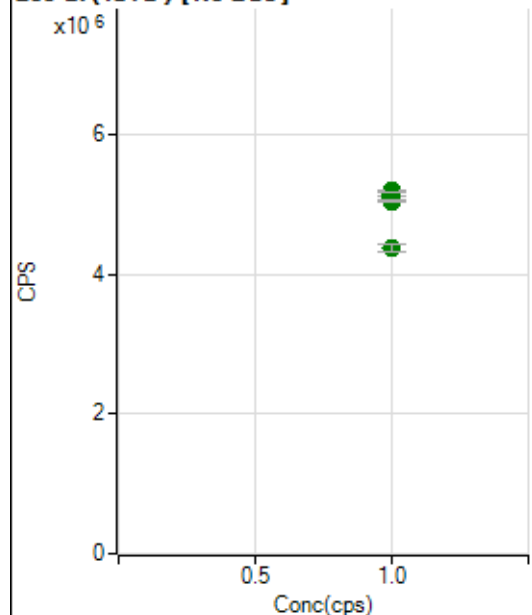
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3735182.76		A	0.8
2	☐	1.000		3668508.56		A	0.7
3	☐	1.000		3757245.29		A	0.7
4	☐	1.000		3753394.84		A	0.7
5	☐	1.000		3734598.83		A	1.2
6	☐	1.000		3739379.94		A	0.8
7	☐	1.000		3860988.38		A	1.3
8	☐	1.000		3735809.32		A	1.8

165 Ho (ISTD) [No Gas]

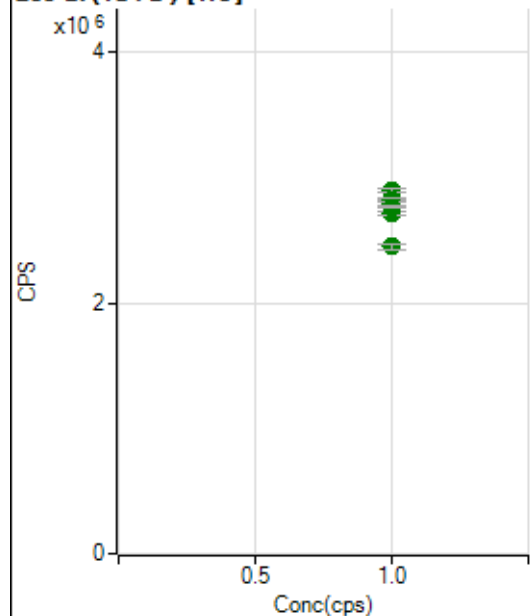
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7957111.72		A	0.1
2	☐	1.000		7955339.24		A	1.5
3	☐	1.000		8060730.82		A	1.0
4	☐	1.000		8054569.02		A	1.5
5	☐	1.000		8159888.20		A	1.1
6	☐	1.000		8148275.87		A	0.8
7	☐	1.000		8395904.09		A	1.0
8	☐	1.000		7951046.36		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3866821.92		A	0.3
2	☐	1.000		3746744.18		A	1.5
3	☐	1.000		3854107.37		A	1.8
4	☐	1.000		3865990.71		A	1.1
5	☐	1.000		3894381.51		A	1.4
6	☐	1.000		3859827.34		A	0.8
7	☐	1.000		3967005.81		A	1.0
8	☐	1.000		3812004.32		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5059018.19		A	0.4
2	☐	1.000		5043786.42		A	0.6
3	☐	1.000		5085800.76		A	1.6
4	☐	1.000		5147685.62		A	0.8
5	☐	1.000		5190618.50		A	0.7
6	☐	1.000		5109527.98		A	2.3
7	☐	1.000		5043734.30		A	0.4
8	☐	1.000		4378136.05		A	2.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2891588.29		A	1.0
2	☐	1.000		2802483.08		A	1.5
3	☐	1.000		2815292.04		A	0.6
4	☐	1.000		2794568.85		A	2.2
5	☐	1.000		2816855.86		A	0.9
6	☐	1.000		2716652.27		A	1.3
7	☐	1.000		2766105.55		A	0.3
8	☐	1.000		2446958.70		A	1.7

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021523-MS.b

Acq. Date-Time 2023-02-15 12:43:58

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		11293	112927.44			0.812	5.000
24		71038	710381.43			0.420	5.000
25		9794	97940.40			0.614	5.000
26		11323	113227.08			0.496	5.000
59		47685	476846.21			0.526	5.000
113		5275	52751.49			0.436	5.000
115		66429	664292.43			0.910	5.000
206		15165	151652.23			0.574	5.000
207		13628	136276.82			0.230	5.000
208		33191	331908.75			0.382	5.000
220		0	4.10			26.439	

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

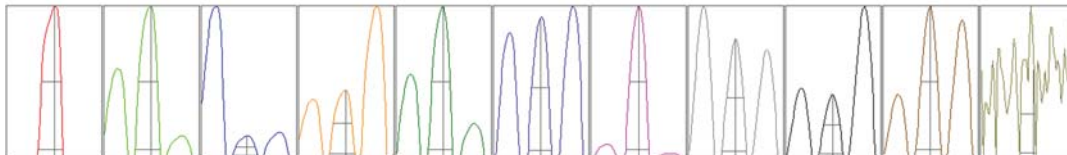
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11372	11411	11213	11220	11248
24	71187	70527	71238	71018	71220
25	9693	9809	9854	9799	9815
26	11337	11408	11283	11263	11322
59	47743	47940	47493	47360	47888
113	5274	5289	5237	5296	5280
115	67419	65893	66309	66014	66511
206	15265	15229	15105	15053	15174
207	13660	13630	13650	13580	13619
208	33349	33173	33104	33286	33042

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	19440.49	9.05	8.90 - 9.10	
24	123192.43	24.00	23.90 - 24.10	
25	16942.63	24.95	24.90 - 25.10	
26	19873.62	26.00	25.90 - 26.10	
59	88364.40	59.00	58.90 - 59.10	
113	10364.43	113.00	112.90 - 113.10	
115	132486.58	115.05	114.90 - 115.10	
206	30174.29	206.00	205.90 - 206.10	
207	27291.24	207.00	206.90 - 207.10	
208	65568.88	208.00	207.90 - 208.10	
220	0.40	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.778	0.900	
24	0.61	0.783	0.900	
25	0.60	0.785	0.900	
26	0.61	0.799	0.900	
59	0.57	0.772	0.900	
113	0.53	0.728	0.900	
115	0.52	0.730	0.900	
206	0.52	0.775	0.900	
207	0.52	0.752	0.900	
208	0.52	0.803	0.900	
220	0.45	0.495		

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	11.2 V	Deflect	16.0 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2312 V	Pulse HV	1704 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10551	105514.87			2.371	
89		12618	126178.84			1.773	
205		10455	104554.06			2.302	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10669	10680	10681	10621	10106
89	12798	12591	12716	12744	12241
205	10583	10479	10528	10647	10040

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	11.2 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-175.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2312 V	Pulse HV	1704 V
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LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.07	-0.08	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	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Boron	11-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.19	-0.14	0.00	N/A	ppb
Cadmium	106-1	-0.65	2.38	-1.72	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.08	0.08	0.00	N/A	ppb
Calcium	43-1	0.39	0.11	-0.50	0.00	N/A	ppb
Calcium	44-1	0.27	-0.22	-0.04	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.05	-0.02	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.02	-0.50	0.52	0.00	N/A	ppb
Iron	56-2	0.16	-0.05	-0.11	0.00	N/A	ppb
Iron	57-2	-0.31	0.59	-0.28	0.00	N/A	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.03	0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.78	-1.39	-0.39	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-23.35	2.80	-12.26	-10.94		ppb
Potassium	39-2	6.29	1.17	-7.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.01	0.07	-0.06	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	-0.53	0.35	0.00	N/A	ppb
Silicon	28-1	-0.11	0.20	-0.08	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.39	-0.99	-1.40	0.00	N/A	ppb
Strontium	86-1	-0.06	0.09	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-41.88	83.84	-2.47	13.16	488.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.02	-0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.08	-0.15	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.02	21.74	20.32	21.03	3.38	ppb
Antimony	121-1	2.12	2.09	2.11	2.11	0.73	ppb
Arsenic	75-2	1.05	1.12	1.08	1.08	3.08	ppb
Barium	135-1	9.33	9.83	9.71	9.62	2.73	ppb
Barium	137-1	10.00	9.93	9.78	9.90	1.10	ppb
Beryllium	9-1	1.19	1.19	1.14	1.17	2.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	8.56	8.94	8.58	8.69	2.46	ppb
Boron	11-1	8.49	9.12	8.77	8.79	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.06	1.13	1.14	8.48	ppb
Cadmium	106-1	1.95	0.37	2.47	1.60	68.32	ppb
Cadmium	108-1	1.04	1.19	1.08	1.10	7.24	ppb
Calcium	43-1	503.71	517.84	490.10	503.88	2.75	ppb
Calcium	44-1	501.81	531.78	498.72	510.77	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	2.02	1.96	1.97	2.47	ppb
Cobalt	59-2	0.97	1.00	0.99	0.99	1.69	ppb
Copper	63-2	2.11	2.26	2.13	2.17	3.61	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	56.46	50.25	52.97	53.22	5.85	ppb
Iron	56-2	51.01	53.19	52.86	52.36	2.25	ppb
Iron	57-2	44.10	48.78	52.60	48.49	8.77	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.91	0.87	0.90	2.63	ppb
Lead	207-1	0.88	0.95	0.90	0.91	4.05	ppb
Lead	208-1	0.89	0.92	0.91	0.91	1.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	532.73	526.57	535.94	531.75	0.89	ppb
Manganese	55-2	1.12	1.02	1.04	1.06	4.77	ppb
Molybdenum	94-1	5.65	5.98	5.85	5.82	2.85	ppb
Molybdenum	95-1	5.30	5.25	5.01	5.19	2.91	ppb
Molybdenum	96-1	5.13	5.22	4.98	5.11	2.37	ppb
Molybdenum	97-1	5.08	5.52	5.37	5.33	4.21	ppb
Molybdenum	98-1	4.91	4.94	5.01	4.96	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.23	1.01	1.18	12.05	ppb
Phosphorus	31-2	23.06	12.26	-2.51	10.94	117.39	ppb
Potassium	39-2	494.27	505.47	502.53	500.75	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.97	5.62	5.27	5.62	6.19	ppb
Selenium	77-2	8.13	5.54	4.72	6.13	29.01	ppb
Selenium	78-2	4.38	4.32	5.34	4.68	12.21	ppb
Silicon	28-1	0.47	1.18	0.01	0.55	106.10	ppb
Silver	107-1	1.17	1.15	1.20	1.17	2.25	ppb
Silver	109-1	1.20	1.16	1.18	1.18	1.56	ppb
Sodium	23-2	513.20	520.85	523.87	519.30	1.06	ppb
Strontium	86-1	1.05	0.87	0.98	0.97	9.46	ppb
Strontium	88-1	1.03	1.05	0.95	1.01	5.61	ppb
Sulfur	34-1	-217.30	257.00	-79.19	-13.16		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1.02	0.99	0.95	0.99	3.61	ppb
Thallium	205-1	0.92	0.94	0.95	0.94	1.74	ppb
Tin	118-1	5.21	5.21	5.10	5.17	1.23	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.72	5.09	4.95	4.92	3.75	ppb
Uranium	238-1	0.91	0.92	0.88	0.91	2.09	ppb
Vanadium	51-2	5.28	5.09	4.83	5.07	4.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2.40	2.10	2.04	2.18	8.79	ppb
Zirconium	90-1	0.90	0.88	0.98	0.92	5.47	ppb
Zirconium	91-1	0.91	0.90	0.97	0.93	3.93	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1049.17	1038.12	1022.11	1036.47	1.31	ppb
Antimony	121-1	49.81	50.34	50.53	50.22	0.74	ppb
Arsenic	75-2	52.40	50.60	49.83	50.94	2.58	ppb
Barium	135-1	249.96	240.77	247.39	246.04	1.93	ppb
Barium	137-1	249.25	256.02	249.83	251.70	1.49	ppb
Beryllium	9-1	53.78	52.09	52.74	52.87	1.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	46.78	48.78	50.23	48.60	3.56	ppb
Boron	11-1	48.69	47.90	49.80	48.80	1.97	ppb
Bromine	81-1						cps
Cadmium	111-1	53.48	52.99	53.41	53.29	0.50	ppb
Cadmium	106-1	49.74	54.71	54.83	53.09	5.46	ppb
Cadmium	108-1	51.26	54.22	55.79	53.76	4.28	ppb
Calcium	43-1	5828.62	5642.17	5682.20	5717.66	1.72	ppb
Calcium	44-1	5486.66	5522.30	5519.81	5509.59	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.25	48.24	49.18	49.22	2.04	ppb
Cobalt	59-2	51.09	50.37	48.96	50.14	2.16	ppb
Copper	63-2	520.18	508.95	509.54	512.89	1.23	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	2644.60	2582.42	2608.65	2611.89	1.20	ppb
Iron	56-2	2786.52	2704.44	2669.75	2720.24	2.20	ppb
Iron	57-2	2602.81	2582.65	2568.70	2584.72	0.66	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	235.67	228.85	237.24	233.92	1.91	ppb
Lead	207-1	236.83	233.66	230.84	233.78	1.28	ppb
Lead	208-1	242.96	238.78	241.21	240.98	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	5407.30	5240.88	5232.46	5293.55	1.86	ppb
Manganese	55-2	513.64	502.07	492.73	502.81	2.08	ppb
Molybdenum	94-1	509.65	497.19	509.42	505.42	1.41	ppb
Molybdenum	95-1	510.04	501.18	500.72	503.98	1.04	ppb
Molybdenum	96-1	522.69	503.53	509.48	511.90	1.92	ppb
Molybdenum	97-1	520.55	498.07	512.51	510.38	2.23	ppb
Molybdenum	98-1	507.38	503.46	508.81	506.55	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.01	51.77	51.56	52.45	2.59	ppb
Phosphorus	31-2	985.93	1070.57	1023.32	1026.60	4.13	ppb
Potassium	39-2	2529.59	2515.91	2511.79	2519.10	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	54.60	52.34	53.32	53.42	2.13	ppb
Selenium	77-2	55.35	46.35	51.53	51.08	8.84	ppb
Selenium	78-2	55.03	50.60	51.53	52.39	4.46	ppb
Silicon	28-1	48.61	46.81	45.88	47.10	2.95	ppb
Silver	107-1	57.25	57.86	56.32	57.14	1.36	ppb
Silver	109-1	56.77	57.97	56.61	57.12	1.30	ppb
Sodium	23-2	5230.54	5286.31	5170.09	5228.98	1.11	ppb
Strontium	86-1	1300.44	1246.89	1277.52	1274.95	2.11	ppb
Strontium	88-1	1244.69	1222.19	1213.72	1226.87	1.30	ppb
Sulfur	34-1	1172.36	829.35	849.17	950.29	20.26	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	47.93	47.69	47.69	47.77	0.28	ppb
Thallium	205-1	49.28	47.44	48.67	48.46	1.93	ppb
Tin	118-1	51.38	51.04	51.46	51.29	0.44	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	531.75	528.44	504.88	521.69	2.81	ppb
Uranium	238-1	46.48	45.95	46.56	46.33	0.72	ppb
Vanadium	51-2	51.10	49.96	49.76	50.27	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	525.76	517.42	502.35	515.18	2.30	ppb
Zirconium	90-1	49.99	49.74	49.05	49.60	0.98	ppb
Zirconium	91-1	49.39	47.97	48.34	48.57	1.51	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2649.66	2617.15	2575.67	2614.16	1.42	ppb
Antimony	121-1	129.49	127.45	124.61	127.18	1.92	ppb
Arsenic	75-2	130.89	128.46	127.55	128.97	1.34	ppb
Barium	135-1	637.47	631.14	627.98	632.20	0.76	ppb
Barium	137-1	636.23	641.70	624.66	634.20	1.37	ppb
Beryllium	9-1	136.54	130.66	129.82	132.34	2.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	125.41	122.36	125.96	124.58	1.56	ppb
Boron	11-1	123.49	121.88	126.05	123.81	1.70	ppb
Bromine	81-1						cps
Cadmium	111-1	134.56	132.31	132.80	133.22	0.89	ppb
Cadmium	106-1	128.28	135.28	128.27	130.61	3.10	ppb
Cadmium	108-1	139.13	133.04	134.29	135.48	2.37	ppb
Calcium	43-1	14553.38	14429.47	14145.84	14376.23	1.45	ppb
Calcium	44-1	13639.48	13720.61	13471.17	13610.42	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.87	125.31	121.76	124.31	1.79	ppb
Cobalt	59-2	127.57	125.83	123.81	125.74	1.50	ppb
Copper	63-2	1343.66	1314.78	1279.25	1312.56	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	6731.03	6637.44	6427.37	6598.61	2.36	ppb
Iron	56-2	6908.51	6712.86	6654.32	6758.57	1.97	ppb
Iron	57-2	6615.94	6545.47	6345.34	6502.25	2.16	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	640.83	620.21	606.15	622.40	2.80	ppb
Lead	207-1	624.04	616.71	596.71	612.49	2.31	ppb
Lead	208-1	626.23	613.33	598.11	612.56	2.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	13891.51	13747.52	13394.99	13678.01	1.87	ppb
Manganese	55-2	1280.48	1256.64	1240.45	1259.19	1.60	ppb
Molybdenum	94-1	1287.96	1239.01	1236.10	1254.36	2.32	ppb
Molybdenum	95-1	1320.13	1230.10	1243.58	1264.60	3.84	ppb
Molybdenum	96-1	1316.12	1247.60	1237.92	1267.21	3.36	ppb
Molybdenum	97-1	1302.80	1270.42	1249.66	1274.29	2.10	ppb
Molybdenum	98-1	1259.65	1234.61	1243.93	1246.06	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.06	132.20	128.17	131.47	2.29	ppb
Phosphorus	31-2	2523.96	2698.76	2375.08	2532.60	6.40	ppb
Potassium	39-2	6339.27	6290.24	6233.03	6287.51	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	134.09	126.76	129.38	130.08	2.86	ppb
Selenium	77-2	113.24	108.93	137.48	119.88	12.84	ppb
Selenium	78-2	129.99	134.54	132.98	132.51	1.75	ppb
Silicon	28-1	116.40	120.06	115.55	117.34	2.04	ppb
Silver	107-1	144.37	142.21	140.41	142.33	1.39	ppb
Silver	109-1	144.22	138.87	141.45	141.51	1.89	ppb
Sodium	23-2	13286.29	13302.91	12874.13	13154.44	1.85	ppb
Strontium	86-1	3180.77	3166.74	3046.72	3131.41	2.35	ppb
Strontium	88-1	3108.83	3043.96	3013.17	3055.32	1.60	ppb
Sulfur	34-1	2538.25	2589.95	2445.15	2524.45	2.91	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	118.67	115.68	119.29	117.88	1.64	ppb
Thallium	205-1	120.39	117.94	115.43	117.92	2.10	ppb
Tin	118-1	130.17	129.10	126.01	128.43	1.68	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1312.92	1328.23	1290.14	1310.43	1.46	ppb
Uranium	238-1	122.50	121.23	118.37	120.70	1.75	ppb
Vanadium	51-2	127.95	128.10	124.99	127.02	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1326.85	1318.35	1285.35	1310.18	1.67	ppb
Zirconium	90-1	128.68	121.20	123.44	124.44	3.09	ppb
Zirconium	91-1	124.10	120.80	123.51	122.80	1.43	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5271.83	5176.93	5084.26	5177.68	1.81	ppb
Antimony	121-1	252.64	241.90	246.44	246.99	2.18	ppb
Arsenic	75-2	253.52	250.39	250.34	251.42	0.72	ppb
Barium	135-1	1263.36	1221.10	1237.72	1240.73	1.72	ppb
Barium	137-1	1271.56	1244.90	1225.67	1247.38	1.85	ppb
Beryllium	9-1	263.62	270.92	254.92	263.15	3.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	239.46	254.81	249.29	247.85	3.14	ppb
Boron	11-1	217.83	241.62	222.44	227.30	5.55	ppb
Bromine	81-1						cps
Cadmium	111-1	259.60	256.44	251.16	255.74	1.67	ppb
Cadmium	106-1	265.49	247.73	249.28	254.17	3.87	ppb
Cadmium	108-1	262.10	251.87	249.41	254.46	2.65	ppb
Calcium	43-1	28532.57	28128.16	28216.29	28292.34	0.75	ppb
Calcium	44-1	27127.09	26478.43	26585.58	26730.37	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.62	249.01	237.41	245.35	2.80	ppb
Cobalt	59-2	251.14	243.60	238.20	244.32	2.66	ppb
Copper	63-2	2615.42	2578.17	2483.60	2559.06	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	13191.15	13176.46	12705.94	13024.52	2.12	ppb
Iron	56-2	13570.09	13607.24	12987.97	13388.43	2.59	ppb
Iron	57-2	12982.17	12801.03	12503.34	12762.18	1.89	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1232.42	1263.15	1235.05	1243.54	1.37	ppb
Lead	207-1	1242.73	1252.30	1206.04	1233.69	1.98	ppb
Lead	208-1	1230.65	1246.94	1217.98	1231.86	1.18	ppb
Lithium	6-1				103		%
Magnesium	24-2	26779.73	26120.98	25196.89	26032.54	3.05	ppb
Manganese	55-2	2564.80	2619.27	2470.66	2551.58	2.95	ppb
Molybdenum	94-1	2544.34	2522.66	2501.16	2522.72	0.86	ppb
Molybdenum	95-1	2508.82	2542.50	2512.98	2521.43	0.73	ppb
Molybdenum	96-1	2543.19	2493.31	2438.20	2491.56	2.11	ppb
Molybdenum	97-1	2574.69	2544.57	2509.37	2542.88	1.29	ppb
Molybdenum	98-1	2512.64	2564.81	2533.80	2537.08	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.44	257.90	253.13	258.82	2.40	ppb
Phosphorus	31-2	5077.64	5081.99	4929.36	5029.66	1.73	ppb
Potassium	39-2	12614.43	12404.94	12213.22	12410.86	1.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	263.31	265.44	255.52	261.43	2.00	ppb
Selenium	77-2	285.62	244.34	230.02	253.33	11.40	ppb
Selenium	78-2	257.54	249.11	239.56	248.74	3.62	ppb
Silicon	28-1	229.11	235.49	230.90	231.83	1.42	ppb
Silver	107-1	287.25	280.63	276.24	281.37	1.97	ppb
Silver	109-1	280.74	271.52	274.64	275.63	1.70	ppb
Sodium	23-2	26216.69	25349.08	25043.38	25536.38	2.38	ppb
Strontium	86-1	6291.37	6416.17	6208.86	6305.46	1.66	ppb
Strontium	88-1	6238.30	6387.26	6176.49	6267.35	1.73	ppb
Sulfur	34-1	4858.87	4898.04	4719.01	4825.31	1.95	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	240.63	235.28	237.01	237.64	1.15	ppb
Thallium	205-1	253.12	250.48	243.88	249.16	1.91	ppb
Tin	118-1	248.90	243.68	247.02	246.53	1.07	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2569.89	2533.97	2510.53	2538.13	1.18	ppb
Uranium	238-1	249.64	241.37	239.05	243.35	2.29	ppb
Vanadium	51-2	257.02	254.24	244.04	251.77	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2620.26	2552.90	2501.71	2558.29	2.32	ppb
Zirconium	90-1	256.96	254.16	248.63	253.25	1.67	ppb
Zirconium	91-1	249.22	249.92	246.14	248.43	0.81	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10594.88	10340.84	10070.06	10335.26	2.54	ppb
Antimony	121-1	520.47	492.14	507.88	506.83	2.80	ppb
Arsenic	75-2	508.78	504.60	497.56	503.65	1.13	ppb
Barium	135-1	2612.96	2471.69	2594.91	2559.85	3.00	ppb
Barium	137-1	2483.45	2446.38	2576.23	2502.02	2.67	ppb
Beryllium	9-1	522.55	516.02	500.75	513.11	2.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	509.48	493.44	495.34	499.42	1.75	ppb
Boron	11-1	455.07	470.95	454.37	460.13	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	511.31	501.13	525.30	512.58	2.37	ppb
Cadmium	106-1	516.45	499.92	515.44	510.60	1.82	ppb
Cadmium	108-1	508.85	515.20	523.48	515.85	1.42	ppb
Calcium	43-1	57448.65	56931.85	56330.26	56903.59	0.98	ppb
Calcium	44-1	54149.50	52759.68	52365.36	53091.51	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.01	491.25	485.32	496.19	2.82	ppb
Cobalt	59-2	509.88	493.56	486.54	496.66	2.41	ppb
Copper	63-2	5271.49	5111.30	4995.22	5126.00	2.71	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				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	28892.57	26884.22	26164.42	27313.74	5.18	ppb
Iron	56-2	27835.69	26560.02	26212.73	26869.48	3.18	ppb
Iron	57-2	26613.96	25604.18	25003.42	25740.52	3.16	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2387.67	2474.94	2500.26	2454.29	2.41	ppb
Lead	207-1	2409.04	2437.14	2463.76	2436.65	1.12	ppb
Lead	208-1	2407.93	2439.91	2493.35	2447.06	1.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	53311.43	52692.54	50845.30	52283.09	2.45	ppb
Manganese	55-2	5350.18	5120.64	4967.39	5146.07	3.74	ppb
Molybdenum	94-1	5021.37	4971.37	4936.95	4976.56	0.85	ppb
Molybdenum	95-1	5018.61	4981.34	4992.02	4997.32	0.38	ppb
Molybdenum	96-1	5046.59	5095.66	4942.79	5028.34	1.55	ppb
Molybdenum	97-1	4984.47	4979.95	4903.10	4955.84	0.92	ppb
Molybdenum	98-1	5115.78	4976.00	4950.20	5013.99	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.33	509.03	507.75	516.04	2.57	ppb
Phosphorus	31-2	10651.85	9960.48	10255.63	10289.32	3.37	ppb
Potassium	39-2	25652.39	25031.84	25353.41	25345.88	1.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	508.12	511.27	503.76	507.72	0.74	ppb
Selenium	77-2	543.89	545.94	498.18	529.34	5.10	ppb
Selenium	78-2	508.98	510.68	506.32	508.66	0.43	ppb
Silicon	28-1	467.11	458.57	452.92	459.53	1.55	ppb
Silver	107-1	550.32	540.83	564.66	551.93	2.17	ppb
Silver	109-1	552.91	548.65	563.43	555.00	1.37	ppb
Sodium	23-2	52196.42	51552.18	51197.37	51648.66	0.98	ppb
Strontium	86-1	12601.67	12546.19	12109.56	12419.14	2.17	ppb
Strontium	88-1	12330.77	12792.29	12395.36	12506.14	2.00	ppb
Sulfur	34-1	10172.79	9944.66	9825.75	9981.06	1.77	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	494.04	512.96	511.47	506.16	2.08	ppb
Thallium	205-1	486.12	495.42	515.36	498.97	2.99	ppb
Tin	118-1	517.74	517.10	517.59	517.48	0.06	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5062.40	5043.56	5032.33	5046.09	0.30	ppb
Uranium	238-1	495.27	488.02	502.10	495.13	1.42	ppb
Vanadium	51-2	523.23	503.49	497.35	508.03	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5218.26	5020.55	5031.46	5090.09	2.18	ppb
Zirconium	90-1	507.56	497.85	479.35	494.92	2.90	ppb
Zirconium	91-1	489.69	497.70	486.76	491.38	1.15	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20423.97	20146.83	19785.34	20118.72	1.59	ppb
Antimony	121-1	988.17	1018.50	984.48	997.05	1.87	ppb
Arsenic	75-2	1037.23	971.35	983.26	997.28	3.52	ppb
Barium	135-1	4981.21	4958.78	4975.07	4971.69	0.23	ppb
Barium	137-1	4993.77	5123.39	4878.07	4998.41	2.46	ppb
Beryllium	9-1	1027.74	979.28	960.27	989.10	3.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	1033.44	969.36	1001.27	1001.36	3.20	ppb
Boron	11-1	1040.94	1012.63	1025.10	1026.22	1.38	ppb
Bromine	81-1						cps
Cadmium	111-1	984.54	1006.72	981.99	991.08	1.37	ppb
Cadmium	106-1	992.62	1008.88	976.89	992.80	1.61	ppb
Cadmium	108-1	977.97	1000.30	990.12	989.46	1.13	ppb
Calcium	43-1	111582.74	112640.41	113967.42	112730.19	1.06	ppb
Calcium	44-1	103274.30	103272.63	105288.29	103945.07	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.11	1009.47	992.99	1003.19	0.89	ppb
Cobalt	59-2	1005.18	1001.14	1002.66	1002.99	0.20	ppb
Copper	63-2	9885.94	9950.51	9904.85	9913.77	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	53775.04	53739.25	51885.84	53133.38	2.03	ppb
Iron	56-2	52500.14	52900.15	51080.32	52160.20	1.83	ppb
Iron	57-2	52914.35	52350.97	52313.00	52526.11	0.64	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5111.54	5054.48	4910.78	5025.60	2.06	ppb
Lead	207-1	5101.83	5068.61	4943.95	5038.13	1.65	ppb
Lead	208-1	5119.15	5044.07	4935.81	5033.01	1.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	103954.12	102034.08	100959.70	102315.97	1.48	ppb
Manganese	55-2	9888.89	10052.08	9797.38	9912.78	1.30	ppb
Molybdenum	94-1	10153.94	9842.37	10019.36	10005.22	1.56	ppb
Molybdenum	95-1	10000.08	10116.51	9865.28	9993.96	1.26	ppb
Molybdenum	96-1	10066.84	9980.00	9908.73	9985.19	0.79	ppb
Molybdenum	97-1	10058.32	9992.53	9972.57	10007.80	0.45	ppb
Molybdenum	98-1	10080.98	9940.63	9930.08	9983.90	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.75	982.84	984.95	988.85	0.87	ppb
Phosphorus	31-2	19614.54	20327.67	19585.35	19842.52	2.12	ppb
Potassium	39-2	49781.23	49433.36	48870.19	49361.59	0.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	1001.46	983.37	992.60	992.48	0.91	ppb
Selenium	77-2	984.17	969.84	1001.22	985.08	1.59	ppb
Selenium	78-2	1034.35	970.09	980.36	994.93	3.47	ppb
Silicon	28-1	1020.14	1026.46	1031.32	1025.97	0.55	ppb
Silver	107-1	968.94	971.08	950.98	963.67	1.15	ppb
Silver	109-1	961.29	982.15	947.58	963.67	1.81	ppb
Sodium	23-2	102925.68	101640.63	101841.29	102135.86	0.68	ppb
Strontium	86-1	25354.13	24715.47	24958.95	25009.51	1.29	ppb
Strontium	88-1	25476.54	25121.88	24360.34	24986.25	2.28	ppb
Sulfur	34-1	20051.13	20052.33	20054.25	20052.57	0.01	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1010.68	991.78	1000.58	1001.01	0.94	ppb
Thallium	205-1	1010.89	1003.18	991.00	1001.69	1.00	ppb
Tin	118-1	990.65	999.74	984.51	991.63	0.77	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9852.14	9941.47	10082.74	9958.78	1.17	ppb
Uranium	238-1	1010.30	1018.32	985.84	1004.82	1.68	ppb
Vanadium	51-2	1006.72	999.21	979.91	995.28	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	9901.64	10103.06	9791.61	9932.10	1.59	ppb
Zirconium	90-1	1026.93	990.78	987.74	1001.82	2.18	ppb
Zirconium	91-1	996.49	1011.76	1006.90	1005.05	0.78	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99989.03	100236.30	99566.56	99930.63	0.34	ppb
Antimony	121-1	0.62	0.59	0.72	0.64	10.28	ppb
Arsenic	75-2	0.35	0.29	0.38	0.34	12.76	ppb
Barium	135-1	3.32	3.01	3.07	3.13	5.31	ppb
Barium	137-1	3.34	3.06	3.14	3.18	4.58	ppb
Beryllium	9-1	0.22	0.18	0.19	0.20	10.22	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	67.66	63.18	56.29	62.37	9.18	ppb
Boron	11-1	67.89	63.05	55.82	62.25	9.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.40	0.62	0.42	45.34	ppb
Cadmium	106-1	-1.24	1.18	3.49	1.15	206.55	ppb
Cadmium	108-1	0.63	0.53	0.35	0.51	27.62	ppb
Calcium	43-1	502644.26	500294.93	486695.51	496544.90	1.73	ppb
Calcium	44-1	508101.04	506404.87	481841.44	498782.45	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.12	9.07	8.84	9.01	1.65	ppb
Cobalt	59-2	0.88	0.84	0.85	0.86	2.34	ppb
Copper	63-2	3.20	3.24	3.26	3.23	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	247809.08	252500.10	247008.49	249105.89	1.19	ppb
Iron	56-2	246424.99	256205.89	245334.14	249321.67	2.40	ppb
Iron	57-2	244590.21	253209.47	250401.70	249400.46	1.76	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.31	1.21	1.16	1.23	6.49	ppb
Lead	207-1	1.21	1.17	1.18	1.19	1.70	ppb
Lead	208-1	1.26	1.20	1.18	1.22	3.42	ppb
Lithium	6-1				93		%
Magnesium	24-2	493991.81	499046.22	504635.33	499224.45	1.07	ppb
Manganese	55-2	9.99	10.14	9.79	9.97	1.75	ppb
Molybdenum	94-1	3.25	3.23	2.79	3.09	8.40	ppb
Molybdenum	95-1	2.80	2.77	2.84	2.80	1.15	ppb
Molybdenum	96-1	6.93	6.60	6.79	6.78	2.44	ppb
Molybdenum	97-1	2.89	2.66	2.76	2.77	4.14	ppb
Molybdenum	98-1	2.60	2.65	2.69	2.64	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.25	3.39	3.33	2.03	ppb
Phosphorus	31-2	9.73	-2.02	-13.73	-2.01		ppb
Potassium	39-2	252035.94	248378.91	249874.41	250096.42	0.74	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.22	1.52	1.43	1.39	11.00	ppb
Selenium	77-2	0.95	0.00	2.75	1.23	113.14	ppb
Selenium	78-2	1.53	0.86	1.48	1.29	29.11	ppb
Silicon	28-1	3.48	3.54	3.13	3.39	6.49	ppb
Silver	107-1	0.52	0.45	0.50	0.49	6.91	ppb
Silver	109-1	0.47	0.47	0.42	0.45	5.78	ppb
Sodium	23-2	495687.32	499815.11	502584.98	499362.47	0.70	ppb
Strontium	86-1	6.83	6.41	6.09	6.45	5.77	ppb
Strontium	88-1	6.80	6.53	6.32	6.55	3.65	ppb
Sulfur	34-1	-847.67	-633.74	-624.97	-702.13		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.31	0.26	0.28	0.28	8.73	ppb
Thallium	205-1	0.29	0.27	0.26	0.28	4.85	ppb
Tin	118-1	1.06	1.16	1.02	1.08	6.56	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.77	1.80	2.04	1.87	7.87	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	0.60	ppb
Vanadium	51-2	0.33	0.31	0.29	0.31	5.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	10.42	9.55	10.03	10.00	4.37	ppb
Zirconium	90-1	0.21	0.22	0.24	0.22	6.28	ppb
Zirconium	91-1	0.19	0.23	0.16	0.19	19.21	ppb

LB Number : LB124105 Operator : Jaswal
 Lab Sample ID : ICV27 Instrumnet Name : P8
 Client Sample ID : ICV27 Dilution Factor : 1
 Date & Time Acquired : 2023-02-15 13:55:48 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.21	515.91	502.10	511.74	1.64	ppb
Antimony	121-1	198.06	196.22	199.68	197.99	0.88	ppb
Arsenic	75-2	207.29	211.29	206.49	208.35	1.24	ppb
Barium	135-1	98.66	98.11	97.52	98.10	0.58	ppb
Barium	137-1	98.50	97.46	98.83	98.26	0.73	ppb
Beryllium	9-1	105.86	103.70	105.80	105.12	1.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	11.89	11.31	11.12	11.44	3.52	ppb
Boron	11-1	11.69	11.24	11.39	11.44	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	103.72	105.40	106.00	105.04	1.12	ppb
Cadmium	106-1	81.59	81.29	83.39	82.09	1.38	ppb
Cadmium	108-1	88.95	88.49	92.28	89.91	2.30	ppb
Calcium	43-1	1970.82	1980.30	1939.35	1963.49	1.09	ppb
Calcium	44-1	1942.65	2008.59	1940.67	1963.97	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.06	100.52	98.96	99.51	0.88	ppb
Cobalt	59-2	100.28	102.93	100.18	101.13	1.54	ppb
Copper	63-2	98.78	98.80	98.38	98.65	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2064.05	2104.92	2024.49	2064.49	1.95	ppb
Iron	56-2	2135.16	2108.67	2041.95	2095.26	2.29	ppb
Iron	57-2	1934.04	1991.36	1970.23	1965.21	1.47	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICV27	Instrumnet Name :	P8
Client Sample ID :	ICV27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:55:48	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	195.91	199.95	192.45	196.10	1.91	ppb
Lead	207-1	185.46	193.02	182.39	186.95	2.93	ppb
Lead	208-1	197.60	200.11	192.05	196.59	2.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	1178.86	1171.54	1157.14	1169.18	0.94	ppb
Manganese	55-2	102.09	102.83	101.28	102.07	0.76	ppb
Molybdenum	94-1	0.10	0.05	0.11	0.09	35.83	ppb
Molybdenum	95-1	0.10	0.08	0.05	0.08	28.63	ppb
Molybdenum	96-1	0.12	0.09	0.10	0.11	12.99	ppb
Molybdenum	97-1	0.03	0.08	0.08	0.06	44.52	ppb
Molybdenum	98-1	0.10	0.05	0.07	0.07	32.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.99	112.78	112.43	112.40	0.36	ppb
Phosphorus	31-2	-17.57	-14.26	-11.43	-14.42		ppb
Potassium	39-2	1930.08	1913.89	1896.40	1913.46	0.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	219.54	210.87	209.68	213.37	2.52	ppb
Selenium	77-2	203.41	212.68	244.63	220.24	9.82	ppb
Selenium	78-2	215.92	216.68	219.35	217.32	0.83	ppb
Silicon	28-1	-0.45	-0.14	-0.33	-0.31		ppb
Silver	107-1	53.87	54.18	55.22	54.42	1.30	ppb
Silver	109-1	54.02	52.49	54.09	53.53	1.69	ppb
Sodium	23-2	2037.59	2040.77	2008.53	2028.96	0.88	ppb
Strontium	86-1	0.29	0.24	0.28	0.27	10.07	ppb
Strontium	88-1	0.30	0.26	0.28	0.28	7.74	ppb
Sulfur	34-1	-474.39	-633.47	-592.12	-566.66		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	206.32	212.33	201.88	206.84	2.53	ppb
Thallium	205-1	214.98	213.14	212.32	213.48	0.64	ppb
Tin	118-1	0.07	0.05	0.08	0.07	19.33	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICV27	Instrumnet Name :	P8
Client Sample ID :	ICV27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:55:48	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.00	-0.04	-0.02		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	140.01	ppb
Vanadium	51-2	98.65	98.78	97.55	98.33	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	204.47	205.33	204.58	204.79	0.23	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	35.71	ppb
Zirconium	91-1	0.06	0.08	0.08	0.07	14.07	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.48	19.06	18.85	19.46	4.54	ppb
Antimony	121-1	1.84	2.02	1.85	1.90	5.27	ppb
Arsenic	75-2	1.00	1.00	1.06	1.02	3.14	ppb
Barium	135-1	8.79	9.03	8.92	8.91	1.32	ppb
Barium	137-1	9.23	9.44	8.98	9.22	2.50	ppb
Beryllium	9-1	1.18	1.11	1.05	1.11	5.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	13.83	14.15	14.25	14.08	1.57	ppb
Boron	11-1	13.93	13.99	13.79	13.90	0.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	1.28	1.26	1.16	16.45	ppb
Cadmium	106-1	-0.52	3.72	3.28	2.16	108.02	ppb
Cadmium	108-1	0.95	1.02	0.78	0.92	13.46	ppb
Calcium	43-1	477.36	467.57	458.43	467.79	2.02	ppb
Calcium	44-1	472.78	468.59	457.49	466.29	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.82	1.62	1.71	5.84	ppb
Cobalt	59-2	0.90	0.90	0.89	0.90	1.04	ppb
Copper	63-2	1.88	1.97	1.90	1.92	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	48.15	48.90	47.88	48.31	1.09	ppb
Iron	56-2	46.29	47.49	46.23	46.67	1.52	ppb
Iron	57-2	48.50	44.95	44.55	46.00	4.72	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.89	0.83	0.86	3.27	ppb
Lead	207-1	0.80	0.83	0.84	0.82	2.20	ppb
Lead	208-1	0.82	0.83	0.83	0.83	0.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	464.94	465.75	460.30	463.66	0.63	ppb
Manganese	55-2	0.90	0.95	0.97	0.94	4.28	ppb
Molybdenum	94-1	5.29	5.34	5.41	5.35	1.15	ppb
Molybdenum	95-1	4.87	4.62	4.73	4.74	2.57	ppb
Molybdenum	96-1	4.67	4.80	4.57	4.68	2.52	ppb
Molybdenum	97-1	4.91	4.52	4.60	4.68	4.37	ppb
Molybdenum	98-1	4.79	4.82	4.64	4.75	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.96	0.98	0.99	4.52	ppb
Phosphorus	31-2	-3.99	14.26	2.09	4.12	225.50	ppb
Potassium	39-2	426.63	445.51	447.34	439.83	2.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.94	5.27	5.14	5.12	3.22	ppb
Selenium	77-2	3.52	5.35	2.64	3.83	36.02	ppb
Selenium	78-2	5.49	6.80	3.85	5.38	27.46	ppb
Silicon	28-1	0.05	-0.02	-0.03	0.00		ppb
Silver	107-1	1.10	1.14	1.04	1.09	4.55	ppb
Silver	109-1	1.11	1.19	1.06	1.12	5.61	ppb
Sodium	23-2	470.57	482.30	461.23	471.36	2.24	ppb
Strontium	86-1	1.02	0.91	0.94	0.95	5.87	ppb
Strontium	88-1	0.92	0.95	0.93	0.93	1.64	ppb
Sulfur	34-1	-371.62	-394.60	-489.88	-418.70		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.83	0.83	0.91	0.86	5.25	ppb
Thallium	205-1	0.86	0.92	0.85	0.88	4.16	ppb
Tin	118-1	4.71	4.86	4.73	4.77	1.80	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.97	4.87	4.88	1.78	ppb
Uranium	238-1	0.78	0.82	0.79	0.80	2.59	ppb
Vanadium	51-2	4.54	4.56	4.52	4.54	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1.88	2.46	2.41	2.25	14.44	ppb
Zirconium	90-1	0.88	0.88	0.82	0.86	3.85	ppb
Zirconium	91-1	0.77	0.91	0.90	0.86	9.05	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.15	-0.02	0.11	102.95	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	36.75	ppb
Arsenic	75-2	0.00	0.00	0.02	0.00	221.54	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	26.29	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	30.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	5.24	5.78	5.32	5.44	5.41	ppb
Boron	11-1	5.55	5.54	5.24	5.44	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.14	0.14	0.12	24.02	ppb
Cadmium	106-1	0.96	1.75	1.66	1.46	29.65	ppb
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Calcium	43-1	-1.62	-0.89	-1.17	-1.23		ppb
Calcium	44-1	-2.50	-2.29	-1.43	-2.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	-0.06	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	78.21	ppb
Copper	63-2	0.06	0.03	-0.02	0.02	215.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				91		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	54-2	0.12	2.48	0.10	0.90	152.21	ppb
Iron	56-2	-0.20	0.84	0.10	0.25	218.98	ppb
Iron	57-2	0.71	-1.47	-1.14	-0.63		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.04	0.03	66.39	ppb
Lead	207-1	0.04	0.05	0.02	0.04	44.06	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	-2.34	1.31	-2.25	-1.10		ppb
Manganese	55-2	0.00	0.04	0.00	0.01	200.86	ppb
Molybdenum	94-1	0.04	-0.02	0.03	0.02	173.94	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	49.40	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.01	0.03	0.01	75.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.06	0.04	32.23	ppb
Phosphorus	31-2	-19.81	7.63	-12.02	-8.07		ppb
Potassium	39-2	16.93	62.50	6.23	28.55	104.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				88		%
Scandium	45-1				104		%
Scandium	45-2				90		%
Selenium	82-1	-0.20	-0.39	-0.12	-0.24		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	0.15	-0.60	-0.13		ppb
Silicon	28-1	-0.83	-0.80	-0.70	-0.78		ppb
Silver	107-1	0.01	0.00	0.01	0.00	166.30	ppb
Silver	109-1	0.02	0.01	0.01	0.02	35.59	ppb
Sodium	23-2	12.18	23.96	6.41	14.18	63.06	ppb
Strontium	86-1	-0.07	0.03	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	129.50	ppb
Sulfur	34-1	-446.50	-431.48	-440.36	-439.44		ppb
Terbium	159-1				103		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.03	0.00	0.02	73.83	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	24.27	ppb
Tin	118-1	-0.04	-0.03	-0.01	-0.03		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	-0.13	-0.09	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	729.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	-0.19	-0.13	-0.15	-0.16		ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94828.93	96201.87	92758.14	94596.31	1.83	ppb
Antimony	121-1	1.11	1.18	1.06	1.11	5.37	ppb
Arsenic	75-2	0.37	0.35	0.40	0.37	6.19	ppb
Barium	135-1	1.53	1.45	1.36	1.44	5.65	ppb
Barium	137-1	1.33	1.27	1.56	1.38	11.05	ppb
Beryllium	9-1	0.29	0.29	0.29	0.29	0.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	5.08	5.35	4.95	5.13	4.00	ppb
Boron	11-1	5.21	5.23	4.89	5.11	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.42	0.13	0.29	50.04	ppb
Cadmium	106-1	-0.24	-1.03	-3.80	-1.69		ppb
Cadmium	108-1	11.50	11.47	10.88	11.28	3.09	ppb
Calcium	43-1	101325.28	102546.16	97378.02	100416.49	2.69	ppb
Calcium	44-1	101019.64	99954.77	97364.47	99446.30	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.93	19.62	19.01	19.19	1.96	ppb
Cobalt	59-2	1.21	1.16	1.11	1.16	4.36	ppb
Copper	63-2	7.19	7.53	7.24	7.32	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	102239.45	98937.29	97308.28	99495.01	2.53	ppb
Iron	56-2	104426.41	101480.90	98479.42	101462.25	2.93	ppb
Iron	57-2	101995.05	101095.43	98523.33	100537.94	1.79	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.85	4.87	4.28	4.67	7.17	ppb
Lead	207-1	4.23	4.36	4.03	4.20	3.98	ppb
Lead	208-1	4.42	4.50	4.06	4.33	5.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	95387.69	93056.70	93186.14	93876.85	1.40	ppb
Manganese	55-2	7.48	7.21	7.35	7.34	1.87	ppb
Molybdenum	94-1	1609.68	1583.22	1555.20	1582.70	1.72	ppb
Molybdenum	95-1	1968.78	1960.90	1854.41	1928.03	3.31	ppb
Molybdenum	96-1	1895.05	1945.67	1796.20	1878.97	4.05	ppb
Molybdenum	97-1	1981.02	1976.96	1854.47	1937.49	3.71	ppb
Molybdenum	98-1	1927.27	1957.99	1863.25	1916.17	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	5.28	5.17	5.24	1.23	ppb
Phosphorus	31-2	97340.40	97247.37	94895.24	96494.34	1.44	ppb
Potassium	39-2	94513.83	95169.50	93557.94	94413.76	0.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	0.24	0.24	0.26	0.25	4.26	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	0.38	0.15	0.10	297.26	ppb
Silicon	28-1	1.22	1.20	1.45	1.29	10.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.41	ppb
Silver	109-1	0.02	0.02	0.01	0.02	29.39	ppb
Sodium	23-2	98985.20	97013.34	95809.36	97269.30	1.65	ppb
Strontium	86-1	34.43	34.24	31.92	33.53	4.16	ppb
Strontium	88-1	33.85	33.48	32.70	33.34	1.77	ppb
Sulfur	34-1	77152.33	77365.39	72949.15	75822.29	3.28	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.11	0.08	31.03	ppb
Thallium	205-1	0.07	0.07	0.08	0.08	9.58	ppb
Tin	118-1	0.14	0.17	0.13	0.15	14.03	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2100.69	2028.00	2010.54	2046.41	2.34	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.60	ppb
Vanadium	51-2	0.18	0.18	0.17	0.17	3.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	10.44	9.94	10.12	10.16	2.51	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	47.67	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	15.98	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96291.59	92771.50	93647.49	94236.86	1.94	ppb
Antimony	121-1	20.28	20.26	20.92	20.49	1.83	ppb
Arsenic	75-2	20.55	19.37	19.73	19.88	3.04	ppb
Barium	135-1	20.22	20.18	20.99	20.46	2.24	ppb
Barium	137-1	19.81	20.79	21.22	20.61	3.50	ppb
Beryllium	9-1	20.73	20.21	20.32	20.42	1.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	4.20	3.79	4.19	4.06	5.79	ppb
Boron	11-1	4.17	3.85	4.11	4.04	4.24	ppb
Bromine	81-1						cps
Cadmium	111-1	18.59	19.09	19.42	19.04	2.18	ppb
Cadmium	106-1	13.95	13.25	14.78	13.99	5.49	ppb
Cadmium	108-1	25.33	27.32	28.01	26.89	5.17	ppb
Calcium	43-1	98396.15	100081.37	99164.80	99214.11	0.85	ppb
Calcium	44-1	95845.98	95318.91	96748.18	95971.03	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.69	39.02	38.12	38.61	1.18	ppb
Cobalt	59-2	20.95	20.08	20.02	20.35	2.56	ppb
Copper	63-2	26.46	26.27	25.49	26.07	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	99995.01	99450.44	96283.83	98576.43	2.03	ppb
Iron	56-2	103375.42	100979.73	99786.75	101380.63	1.80	ppb
Iron	57-2	103002.89	100813.56	98907.07	100907.84	2.03	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.03	22.92	23.61	23.19	1.59	ppb
Lead	207-1	21.71	21.26	22.11	21.69	1.97	ppb
Lead	208-1	22.13	21.72	22.59	22.15	1.97	ppb
Lithium	6-1				103		%
Magnesium	24-2	93405.70	92463.99	91447.89	92439.20	1.06	ppb
Manganese	55-2	27.15	27.24	25.81	26.73	2.99	ppb
Molybdenum	94-1	1537.30	1534.93	1524.21	1532.15	0.45	ppb
Molybdenum	95-1	1846.63	1863.79	1886.43	1865.62	1.07	ppb
Molybdenum	96-1	1853.97	1818.52	1837.95	1836.81	0.97	ppb
Molybdenum	97-1	1894.61	1904.38	1881.63	1893.54	0.60	ppb
Molybdenum	98-1	1843.97	1909.72	1883.06	1878.92	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.19	25.48	24.23	25.30	3.92	ppb
Phosphorus	31-2	98607.44	96354.28	96653.47	97205.06	1.26	ppb
Potassium	39-2	96903.92	91491.43	92751.69	93715.68	3.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	20.00	18.44	19.00	19.14	4.14	ppb
Selenium	77-2	18.27	17.14	13.42	16.27	15.59	ppb
Selenium	78-2	20.23	18.50	17.59	18.77	7.15	ppb
Silicon	28-1	0.40	0.45	0.88	0.57	46.36	ppb
Silver	107-1	19.24	19.55	20.09	19.63	2.21	ppb
Silver	109-1	19.20	19.46	19.76	19.47	1.43	ppb
Sodium	23-2	98505.27	96454.17	96054.10	97004.52	1.36	ppb
Strontium	86-1	32.00	32.56	32.39	32.31	0.89	ppb
Strontium	88-1	32.60	31.97	32.19	32.25	1.00	ppb
Sulfur	34-1	72529.38	72634.97	73794.04	72986.13	0.96	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	20.15	19.28	20.37	19.93	2.90	ppb
Thallium	205-1	19.97	19.03	20.77	19.92	4.37	ppb
Tin	118-1	0.12	0.15	0.10	0.13	19.91	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1955.40	2005.74	2026.97	1996.04	1.84	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	31.28	ppb
Vanadium	51-2	19.94	19.60	19.60	19.71	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	28.64	29.87	30.01	29.51	2.56	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	50.91	ppb
Zirconium	91-1	0.02	0.02	0.06	0.03	68.92	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51024.34	50654.06	50680.20	50786.20	0.41	ppb
Antimony	121-1	539.25	496.86	485.23	507.11	5.61	ppb
Arsenic	75-2	499.98	505.89	488.15	498.01	1.81	ppb
Barium	135-1	2817.71	2558.09	2614.85	2663.55	5.12	ppb
Barium	137-1	2718.27	2548.30	2541.49	2602.69	3.85	ppb
Beryllium	9-1	531.46	518.63	496.88	515.66	3.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	584.73	567.01	575.22	575.65	1.54	ppb
Boron	11-1	537.15	517.41	522.32	525.62	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	516.89	478.67	469.31	488.29	5.16	ppb
Cadmium	106-1	536.48	485.90	487.40	503.26	5.72	ppb
Cadmium	108-1	528.75	485.24	472.40	495.47	5.96	ppb
Calcium	43-1	266141.44	252308.96	248772.02	255740.81	3.59	ppb
Calcium	44-1	259556.24	250064.72	246935.27	252185.41	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.37	491.02	492.78	496.05	1.46	ppb
Cobalt	59-2	497.71	492.98	483.82	491.50	1.44	ppb
Copper	63-2	5041.82	4986.30	4973.06	5000.39	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	128925.56	127237.64	126815.00	127659.40	0.87	ppb
Iron	56-2	129664.03	127304.61	127779.15	128249.26	0.97	ppb
Iron	57-2	130777.93	127787.30	125195.42	127920.22	2.18	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2691.31	2650.90	2581.59	2641.26	2.10	ppb
Lead	207-1	2720.66	2619.50	2693.51	2677.89	1.96	ppb
Lead	208-1	2692.47	2646.02	2618.43	2652.31	1.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	259608.02	255919.92	250945.60	255491.18	1.70	ppb
Manganese	55-2	5194.05	4992.23	5069.49	5085.25	2.00	ppb
Molybdenum	94-1	5366.54	5165.04	4954.93	5162.17	3.99	ppb
Molybdenum	95-1	5374.09	5277.26	4958.22	5203.19	4.18	ppb
Molybdenum	96-1	5342.55	5282.66	5040.11	5221.78	3.07	ppb
Molybdenum	97-1	5407.54	5348.72	5033.05	5263.10	3.83	ppb
Molybdenum	98-1	5337.32	5302.51	5023.33	5221.05	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.95	500.61	496.58	501.38	1.04	ppb
Phosphorus	31-2	10335.31	10135.09	10546.30	10338.90	1.99	ppb
Potassium	39-2	125526.68	122436.42	122363.18	123442.09	1.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	514.12	505.31	490.10	503.18	2.42	ppb
Selenium	77-2	466.77	491.32	479.80	479.30	2.56	ppb
Selenium	78-2	496.00	502.05	476.73	491.59	2.69	ppb
Silicon	28-1	581.13	555.89	552.48	563.17	2.78	ppb
Silver	107-1	573.39	531.68	511.35	538.81	5.87	ppb
Silver	109-1	567.96	523.29	515.85	535.70	5.26	ppb
Sodium	23-2	254903.06	250978.22	251305.97	252395.75	0.86	ppb
Strontium	86-1	13252.36	13055.41	12411.23	12906.34	3.41	ppb
Strontium	88-1	13208.53	13052.54	12361.69	12874.25	3.50	ppb
Sulfur	34-1	10520.52	9762.75	9600.52	9961.26	4.93	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	563.95	536.16	520.26	540.12	4.09	ppb
Thallium	205-1	552.71	531.74	528.65	537.70	2.43	ppb
Tin	118-1	539.20	511.46	515.88	522.18	2.85	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5462.22	5171.00	5025.28	5219.50	4.26	ppb
Uranium	238-1	567.86	548.12	530.33	548.77	3.42	ppb
Vanadium	51-2	520.28	513.26	507.69	513.74	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	4674.84	4680.32	4678.47	4677.88	0.06	ppb
Zirconium	90-1	543.85	524.09	520.23	529.39	2.39	ppb
Zirconium	91-1	532.38	517.50	501.99	517.29	2.94	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	0.39	0.78	0.57	34.04	ppb
Antimony	121-1	0.04	0.05	0.08	0.06	39.35	ppb
Arsenic	75-2	0.01	0.03	0.02	0.02	59.33	ppb
Barium	135-1	0.02	-0.01	-0.02	0.00		ppb
Barium	137-1	0.05	0.02	0.03	0.03	46.88	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	23.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	8.03	7.88	7.35	7.75	4.66	ppb
Boron	11-1	8.06	7.84	7.39	7.76	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.23	0.06	-0.07		ppb
Cadmium	106-1	-1.07	-3.11	0.49	-1.23		ppb
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Calcium	43-1	0.39	-1.29	-0.15	-0.35		ppb
Calcium	44-1	0.10	-1.14	-1.05	-0.69		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.07	-0.03	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	346.51	ppb
Copper	63-2	0.16	0.15	0.17	0.16	7.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	0.84	-0.30	-0.19	0.12	526.24	ppb
Iron	56-2	0.77	0.52	0.34	0.54	39.85	ppb
Iron	57-2	-2.22	-1.58	-0.43	-1.41		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.07	0.08	10.58	ppb
Lead	207-1	0.06	0.06	0.04	0.05	18.30	ppb
Lead	208-1	0.07	0.07	0.06	0.07	6.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.26	0.79	0.10	0.38	93.31	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	57.13	ppb
Molybdenum	94-1	0.09	0.03	0.07	0.06	45.54	ppb
Molybdenum	95-1	0.10	0.08	0.09	0.09	8.33	ppb
Molybdenum	96-1	0.08	0.04	0.04	0.06	42.93	ppb
Molybdenum	97-1	0.10	0.06	0.05	0.07	40.41	ppb
Molybdenum	98-1	0.10	0.06	0.05	0.07	33.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.02	0.02	25.42	ppb
Phosphorus	31-2	14.33	-8.45	-11.33	-1.82		ppb
Potassium	39-2	11.59	15.06	2.78	9.81	64.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.04	0.03	0.12	0.03	243.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	1.09	0.01	0.52	103.94	ppb
Silicon	28-1	-0.57	-0.85	-0.56	-0.66		ppb
Silver	107-1	0.04	0.03	0.04	0.03	26.12	ppb
Silver	109-1	0.04	0.05	0.05	0.05	3.45	ppb
Sodium	23-2	19.30	21.31	24.47	21.69	12.01	ppb
Strontium	86-1	0.10	-0.10	0.01	0.00	8433.32	ppb
Strontium	88-1	0.08	0.03	0.05	0.05	42.46	ppb
Sulfur	34-1	-684.92	-914.10	-754.64	-784.55		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.05	0.06	0.06	14.97	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	16.52	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	489.45	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	91.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.14	-0.13	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.13	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	100.37	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.20	19.10	19.58	19.63	2.82	ppb
Antimony	121-1	1.89	1.92	1.87	1.89	1.45	ppb
Arsenic	75-2	1.18	1.26	0.94	1.13	14.74	ppb
Barium	135-1	9.04	8.75	8.87	8.89	1.68	ppb
Barium	137-1	9.20	9.22	8.99	9.14	1.38	ppb
Beryllium	9-1	1.03	1.02	0.99	1.01	2.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	13.08	13.22	13.67	13.32	2.35	ppb
Boron	11-1	12.70	13.13	13.54	13.12	3.18	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.97	0.98	1.00	4.09	ppb
Cadmium	106-1	1.05	0.06	-0.17	0.31	207.03	ppb
Cadmium	108-1	1.22	0.83	0.72	0.92	28.62	ppb
Calcium	43-1	467.74	454.84	459.21	460.60	1.42	ppb
Calcium	44-1	476.05	468.67	460.49	468.40	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.68	1.76	1.74	2.76	ppb
Cobalt	59-2	0.97	0.90	0.91	0.93	4.45	ppb
Copper	63-2	2.17	1.92	2.14	2.08	6.48	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				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	52.70	45.40	46.55	48.22	8.13	ppb
Iron	56-2	48.76	47.15	47.27	47.73	1.89	ppb
Iron	57-2	53.68	45.41	48.75	49.28	8.45	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.88	0.84	0.84	3.87	ppb
Lead	207-1	0.78	0.84	0.83	0.81	4.18	ppb
Lead	208-1	0.84	0.85	0.84	0.84	0.72	ppb
Lithium	6-1				109		%
Magnesium	24-2	484.74	460.33	467.48	470.85	2.66	ppb
Manganese	55-2	1.11	1.01	0.96	1.02	7.50	ppb
Molybdenum	94-1	5.51	5.52	5.56	5.53	0.49	ppb
Molybdenum	95-1	4.59	4.79	4.68	4.69	2.19	ppb
Molybdenum	96-1	4.53	4.71	4.78	4.67	2.77	ppb
Molybdenum	97-1	4.45	4.92	4.47	4.61	5.75	ppb
Molybdenum	98-1	4.71	4.78	4.80	4.76	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	0.90	1.03	1.05	14.87	ppb
Phosphorus	31-2	11.22	9.50	2.21	7.64	62.59	ppb
Potassium	39-2	464.12	436.46	441.77	447.45	3.28	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	5.64	4.96	4.83	5.15	8.48	ppb
Selenium	77-2	5.38	2.70	1.80	3.29	56.56	ppb
Selenium	78-2	4.15	5.45	4.50	4.70	14.35	ppb
Silicon	28-1	-0.11	-0.23	-0.02	-0.12		ppb
Silver	107-1	1.08	1.03	1.14	1.08	5.23	ppb
Silver	109-1	1.03	1.06	1.08	1.06	2.52	ppb
Sodium	23-2	497.44	459.57	469.21	475.41	4.14	ppb
Strontium	86-1	0.77	0.86	0.86	0.83	6.22	ppb
Strontium	88-1	0.88	0.96	0.92	0.92	4.33	ppb
Sulfur	34-1	-564.14	-725.71	-678.45	-656.10		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.86	0.96	0.95	0.92	5.98	ppb
Thallium	205-1	0.87	0.93	0.95	0.92	4.54	ppb
Tin	118-1	4.73	4.76	4.62	4.70	1.57	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.73	4.94	4.97	4.88	2.71	ppb
Uranium	238-1	0.84	0.87	0.83	0.85	2.31	ppb
Vanadium	51-2	4.82	4.46	4.48	4.59	4.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	2.52	2.24	1.96	2.24	12.59	ppb
Zirconium	90-1	0.86	0.86	0.83	0.85	2.00	ppb
Zirconium	91-1	0.85	0.86	1.03	0.91	11.12	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.08	-0.23	-0.12		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	42.12	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	73.96	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.01	0.01	57.71	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	12.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	5.34	4.79	4.75	4.96	6.68	ppb
Boron	11-1	5.33	4.85	4.71	4.97	6.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.06	-0.11	-0.01		ppb
Cadmium	106-1	0.49	0.79	-1.59	-0.10		ppb
Cadmium	108-1	0.14	0.07	-0.04	0.06	165.88	ppb
Calcium	43-1	-1.82	-1.15	-1.99	-1.65		ppb
Calcium	44-1	-2.51	-1.87	-1.84	-2.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.05	-0.11	-0.08		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.09	0.17	0.05	0.10	61.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-0.04	1.21	-0.77	0.13	758.05	ppb
Iron	56-2	-0.14	0.26	0.32	0.15	171.14	ppb
Iron	57-2	-2.13	0.39	-3.22	-1.65		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.05	0.05	18.07	ppb
Lead	207-1	0.03	0.04	0.02	0.03	37.74	ppb
Lead	208-1	0.03	0.04	0.04	0.04	21.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.09	1.18	0.86	1.04	15.93	ppb
Manganese	55-2	0.02	0.01	0.02	0.02	41.95	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	26.80	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	17.72	ppb
Molybdenum	96-1	-0.01	0.00	0.02	0.00	346.68	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	36.45	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	40.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	290.32	ppb
Phosphorus	31-2	-18.09	-1.08	-3.89	-7.69		ppb
Potassium	39-2	7.21	12.13	3.23	7.52	59.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.23	-0.15	0.13	0.07	271.11	ppb
Selenium	77-2	0.00	0.96	0.00	0.32	173.21	ppb
Selenium	78-2	0.88	0.36	0.40	0.55	53.15	ppb
Silicon	28-1	-1.14	-0.82	-0.80	-0.92		ppb
Silver	107-1	0.05	0.04	0.02	0.04	32.48	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.34	ppb
Sodium	23-2	12.83	16.47	13.26	14.19	14.00	ppb
Strontium	86-1	-0.10	-0.03	-0.03	-0.05		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	137.87	ppb
Sulfur	34-1	-798.08	-501.36	-558.91	-619.45		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.06	0.04	0.05	20.00	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.98	ppb
Tin	118-1	-0.01	0.02	0.00	0.00	407.50	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	448.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	-0.19	-0.01	-0.08	-0.09		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	66.14	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	14.02	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10349.51	10038.71	10135.56	10174.59	1.56	ppb
Antimony	121-1	503.49	508.70	518.20	510.13	1.46	ppb
Arsenic	75-2	514.91	499.12	492.27	502.10	2.31	ppb
Barium	135-1	2481.56	2523.45	2521.39	2508.80	0.94	ppb
Barium	137-1	2484.82	2527.17	2447.72	2486.57	1.60	ppb
Beryllium	9-1	509.75	510.87	505.14	508.59	0.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	523.70	543.59	549.63	538.97	2.52	ppb
Boron	11-1	482.60	516.14	507.58	502.11	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	505.30	512.89	520.25	512.81	1.46	ppb
Cadmium	106-1	511.87	506.20	526.12	514.73	1.99	ppb
Cadmium	108-1	523.57	510.92	506.48	513.66	1.73	ppb
Calcium	43-1	56018.36	55078.84	54022.17	55039.79	1.81	ppb
Calcium	44-1	52598.79	53271.18	51431.53	52433.83	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.85	476.29	476.91	479.35	1.00	ppb
Cobalt	59-2	488.46	478.48	471.48	479.48	1.78	ppb
Copper	63-2	5034.44	4918.55	4916.31	4956.43	1.36	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				107		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	26742.58	26347.44	26584.94	26558.32	0.75	ppb
Iron	56-2	26828.39	25982.63	26138.27	26316.43	1.71	ppb
Iron	57-2	25163.24	24724.03	24914.40	24933.89	0.88	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2414.76	2436.52	2318.37	2389.88	2.63	ppb
Lead	207-1	2468.66	2443.93	2383.95	2432.18	1.79	ppb
Lead	208-1	2444.62	2468.78	2370.08	2427.82	2.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	51958.67	51252.61	51890.46	51700.58	0.75	ppb
Manganese	55-2	4935.46	4996.82	4903.05	4945.11	0.96	ppb
Molybdenum	94-1	5011.84	4805.75	4808.33	4875.31	2.43	ppb
Molybdenum	95-1	5152.39	4812.59	4814.63	4926.54	3.97	ppb
Molybdenum	96-1	5029.63	4755.99	4861.91	4882.51	2.83	ppb
Molybdenum	97-1	4985.16	4718.34	4887.64	4863.71	2.78	ppb
Molybdenum	98-1	4965.09	4844.64	4853.80	4887.85	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.93	498.04	493.55	500.84	1.80	ppb
Phosphorus	31-2	10182.18	9692.33	9994.57	9956.36	2.48	ppb
Potassium	39-2	24882.64	24847.96	24042.31	24590.97	1.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	517.36	495.67	500.46	504.50	2.26	ppb
Selenium	77-2	537.11	502.21	456.58	498.64	8.10	ppb
Selenium	78-2	503.35	497.24	492.91	497.83	1.05	ppb
Silicon	28-1	530.99	512.91	510.79	518.23	2.14	ppb
Silver	107-1	504.58	490.20	503.72	499.50	1.62	ppb
Silver	109-1	477.07	496.71	495.82	489.87	2.26	ppb
Sodium	23-2	52554.24	51012.20	52024.56	51863.67	1.51	ppb
Strontium	86-1	12244.26	11906.47	12197.29	12116.01	1.51	ppb
Strontium	88-1	11869.07	11920.79	11787.96	11859.27	0.56	ppb
Sulfur	34-1	9657.51	9419.99	9014.97	9364.16	3.47	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	499.32	508.15	482.74	496.74	2.60	ppb
Thallium	205-1	494.91	492.37	463.15	483.48	3.65	ppb
Tin	118-1	501.53	506.93	521.01	509.82	1.97	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5070.35	4867.33	4872.79	4936.82	2.34	ppb
Uranium	238-1	479.98	472.26	474.66	475.63	0.83	ppb
Vanadium	51-2	497.85	486.09	487.76	490.57	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	5103.74	4906.48	4925.10	4978.44	2.19	ppb
Zirconium	90-1	488.94	480.81	479.85	483.20	1.03	ppb
Zirconium	91-1	493.06	476.77	476.22	482.01	1.98	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	408.92	383.18	414.69	402.26	4.17	ppb
Antimony	121-1	0.16	0.20	0.21	0.19	13.60	ppb
Arsenic	75-2	1.23	1.06	1.45	1.25	15.51	ppb
Barium	135-1	175.80	175.19	174.25	175.08	0.44	ppb
Barium	137-1	173.55	174.62	173.41	173.86	0.38	ppb
Beryllium	9-1	0.25	0.20	0.19	0.21	13.31	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	20.54	20.38	19.97	20.30	1.45	ppb
Boron	11-1	20.29	20.10	20.48	20.29	0.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.08	0.00	-0.03		ppb
Cadmium	106-1	-1.31	-1.19	-0.40	-0.96		ppb
Cadmium	108-1	0.10	0.10	0.03	0.08	52.01	ppb
Calcium	43-1	19948.12	19213.46	19265.16	19475.58	2.11	ppb
Calcium	44-1	19971.46	19314.25	19272.72	19519.48	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	1.56	1.78	1.67	6.81	ppb
Cobalt	59-2	1.33	1.34	1.34	1.34	0.49	ppb
Copper	63-2	1.74	1.63	1.85	1.74	6.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	2271.32	2192.24	2326.25	2263.27	2.98	ppb
Iron	56-2	2419.21	2297.45	2543.27	2419.98	5.08	ppb
Iron	57-2	2256.26	2229.45	2383.24	2289.65	3.59	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.82	1.65	1.57	1.68	7.64	ppb
Lead	207-1	1.74	1.42	1.45	1.54	11.33	ppb
Lead	208-1	1.78	1.52	1.55	1.62	8.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	5133.37	4831.11	5226.21	5063.57	4.08	ppb
Manganese	55-2	256.63	244.96	268.47	256.69	4.58	ppb
Molybdenum	94-1	1.77	1.15	1.24	1.39	24.08	ppb
Molybdenum	95-1	1.77	1.29	1.29	1.45	19.08	ppb
Molybdenum	96-1	1.73	1.25	1.31	1.43	18.04	ppb
Molybdenum	97-1	2.00	1.28	1.25	1.51	28.10	ppb
Molybdenum	98-1	1.76	1.23	1.15	1.38	23.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	2.05	2.05	2.02	2.66	ppb
Phosphorus	31-2	172.56	160.02	170.31	167.63	3.99	ppb
Potassium	39-2	7222.90	6724.73	7476.19	7141.27	5.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.38	0.32	0.27	0.32	16.88	ppb
Selenium	77-2	0.00	0.00	2.80	0.93	173.21	ppb
Selenium	78-2	0.70	0.37	0.42	0.50	36.34	ppb
Silicon	28-1	692.84	665.22	662.78	673.62	2.48	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	23799.78	ppb
Silver	109-1	0.01	0.00	0.00	0.01	52.79	ppb
Sodium	23-2	5219.82	4988.12	5391.21	5199.72	3.89	ppb
Strontium	86-1	269.42	266.61	271.68	269.23	0.94	ppb
Strontium	88-1	266.24	267.11	269.22	267.53	0.57	ppb
Sulfur	34-1	536.40	262.10	187.64	328.71	55.88	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.05	0.03	0.05	54.55	ppb
Thallium	205-1	0.10	0.06	0.04	0.07	44.90	ppb
Tin	118-1	0.32	0.27	0.28	0.29	9.44	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.82	13.31	13.09	13.41	2.77	ppb
Uranium	238-1	0.10	0.06	0.06	0.07	32.50	ppb
Vanadium	51-2	1.45	1.33	1.66	1.48	11.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	40.64	40.64	44.59	41.96	5.45	ppb
Zirconium	90-1	0.11	0.10	0.11	0.11	4.41	ppb
Zirconium	91-1	0.19	0.10	0.10	0.13	42.15	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:49:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	259.09	262.61	249.85	257.18	2.56	ppb
Antimony	121-1	0.67	0.60	0.67	0.65	5.75	ppb
Arsenic	75-2	4.83	4.28	4.28	4.46	7.15	ppb
Barium	135-1	230.02	233.35	230.29	231.22	0.80	ppb
Barium	137-1	233.85	233.71	232.29	233.28	0.37	ppb
Beryllium	9-1	0.06	0.13	0.03	0.08	69.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	20.67	21.70	20.86	21.07	2.60	ppb
Boron	11-1	20.98	21.91	20.86	21.25	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.19	-0.02	-0.13		ppb
Cadmium	106-1	-2.92	-2.89	-0.54	-2.12		ppb
Cadmium	108-1	0.29	0.51	0.44	0.41	27.49	ppb
Calcium	43-1	67692.82	68040.89	68068.77	67934.16	0.31	ppb
Calcium	44-1	66530.28	68068.08	66138.01	66912.12	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.55	10.74	10.14	10.48	2.91	ppb
Cobalt	59-2	5.12	5.16	5.03	5.10	1.28	ppb
Copper	63-2	0.70	0.78	0.76	0.75	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2015.14	2081.32	1988.94	2028.47	2.35	ppb
Iron	56-2	2150.28	2214.77	2118.86	2161.30	2.26	ppb
Iron	57-2	2104.68	2125.68	2070.25	2100.20	1.33	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:49:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.52	0.51	0.40	0.48	14.32	ppb
Lead	207-1	0.52	0.52	0.38	0.47	16.62	ppb
Lead	208-1	0.56	0.50	0.39	0.48	17.19	ppb
Lithium	6-1				108		%
Magnesium	24-2	5001.01	5070.35	4959.91	5010.43	1.11	ppb
Manganese	55-2	104.81	107.52	102.37	104.90	2.46	ppb
Molybdenum	94-1	41.41	41.39	40.89	41.23	0.71	ppb
Molybdenum	95-1	50.73	50.31	49.18	50.07	1.61	ppb
Molybdenum	96-1	48.78	48.94	49.15	48.96	0.38	ppb
Molybdenum	97-1	49.67	50.33	50.70	50.23	1.04	ppb
Molybdenum	98-1	48.91	50.47	50.53	49.97	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.15	4.07	3.91	4.04	2.94	ppb
Phosphorus	31-2	5.94	3.91	-11.56	-0.57		ppb
Potassium	39-2	56881.67	57783.20	55368.27	56677.71	2.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	1.43	2.11	1.65	1.73	20.18	ppb
Selenium	77-2	0.00	0.00	0.92	0.31	173.21	ppb
Selenium	78-2	0.61	0.93	0.20	0.58	63.38	ppb
Silicon	28-1	424.93	429.82	429.39	428.04	0.63	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.01	0.00	0.01	0.01	136.24	ppb
Sodium	23-2	23937.45	24442.58	23678.95	24019.66	1.62	ppb
Strontium	86-1	1005.67	992.21	1000.28	999.39	0.68	ppb
Strontium	88-1	979.68	977.57	980.20	979.15	0.14	ppb
Sulfur	34-1	18648.57	19361.02	18961.97	18990.52	1.88	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.04	0.03	0.04	36.38	ppb
Thallium	205-1	0.05	0.04	0.02	0.04	40.04	ppb
Tin	118-1	0.46	0.50	0.55	0.50	8.72	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:49:44	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.50	1.98	1.39	1.62	19.40	ppb
Uranium	238-1	0.18	0.11	0.09	0.13	34.24	ppb
Vanadium	51-2	3.29	3.50	3.45	3.41	3.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.12	11.99	10.87	11.33	5.17	ppb
Zirconium	90-1	0.04	0.06	0.04	0.05	28.78	ppb
Zirconium	91-1	0.03	0.06	0.04	0.04	28.74	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.28	21.37	21.03	21.56	3.01	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	7.89	ppb
Arsenic	75-2	1.13	1.12	1.25	1.16	6.16	ppb
Barium	135-1	157.67	161.05	169.69	162.80	3.81	ppb
Barium	137-1	159.97	160.43	166.49	162.30	2.24	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	11.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	14.51	14.95	15.39	14.95	2.95	ppb
Boron	11-1	15.16	15.33	15.60	15.36	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.01	-0.09	0.00	5182.39	ppb
Cadmium	106-1	0.42	0.09	-1.07	-0.18		ppb
Cadmium	108-1	0.10	0.38	0.34	0.27	57.01	ppb
Calcium	43-1	18747.87	17896.89	19081.01	18575.26	3.29	ppb
Calcium	44-1	18280.89	17738.65	18752.02	18257.19	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.03	0.98	1.01	1.01	2.48	ppb
Cobalt	59-2	1.03	1.07	1.06	1.05	2.08	ppb
Copper	63-2	0.51	0.56	0.56	0.54	5.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	1383.43	1387.26	1341.92	1370.87	1.83	ppb
Iron	56-2	1498.40	1457.40	1395.93	1450.58	3.56	ppb
Iron	57-2	1386.21	1369.51	1354.71	1370.14	1.15	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.38	0.35	0.38	6.76	ppb
Lead	207-1	0.39	0.33	0.32	0.34	11.07	ppb
Lead	208-1	0.40	0.34	0.34	0.36	9.92	ppb
Lithium	6-1				107		%
Magnesium	24-2	4703.46	4596.51	4722.49	4674.15	1.45	ppb
Manganese	55-2	233.55	227.90	224.32	228.59	2.04	ppb
Molybdenum	94-1	1.49	1.06	1.17	1.24	17.95	ppb
Molybdenum	95-1	1.71	1.27	1.38	1.46	15.86	ppb
Molybdenum	96-1	1.65	1.18	1.34	1.39	16.95	ppb
Molybdenum	97-1	1.91	1.23	1.48	1.54	22.22	ppb
Molybdenum	98-1	1.52	1.18	1.31	1.34	12.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.46	1.59	1.49	6.60	ppb
Phosphorus	31-2	51.32	49.33	38.43	46.36	14.96	ppb
Potassium	39-2	6865.23	6778.59	6666.60	6770.14	1.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.03	0.22	0.85	0.35	132.48	ppb
Selenium	77-2	0.00	0.91	0.00	0.30	173.21	ppb
Selenium	78-2	-0.61	0.56	0.06	0.00	30716.03	ppb
Silicon	28-1	646.54	623.18	661.02	643.58	2.97	ppb
Silver	107-1	0.00	-0.01	-0.01	0.00		ppb
Silver	109-1	0.01	0.01	0.00	0.01	62.31	ppb
Sodium	23-2	4837.12	4880.73	5022.94	4913.60	1.98	ppb
Strontium	86-1	249.96	248.11	266.53	254.87	3.98	ppb
Strontium	88-1	250.77	250.01	265.35	255.38	3.39	ppb
Sulfur	34-1	327.33	-54.08	490.04	254.43	109.77	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.01	0.03	52.28	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	50.69	ppb
Tin	118-1	0.36	0.39	0.40	0.39	5.13	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.76	1.57	1.56	1.63	6.70	ppb
Uranium	238-1	0.03	0.01	0.02	0.02	44.28	ppb
Vanadium	51-2	0.18	0.18	0.19	0.18	4.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	18.48	17.88	17.91	18.09	1.86	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	39.50	ppb
Zirconium	91-1	0.08	0.03	0.02	0.04	71.64	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.29	33.79	33.43	34.50	4.51	ppb
Antimony	121-1	0.63	0.58	0.60	0.60	3.75	ppb
Arsenic	75-2	3.36	3.21	3.52	3.36	4.64	ppb
Barium	135-1	212.11	210.48	212.12	211.57	0.44	ppb
Barium	137-1	213.43	207.17	212.53	211.04	1.60	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	42.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	19.26	19.90	19.23	19.46	1.94	ppb
Boron	11-1	20.21	19.82	19.11	19.71	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.18	-0.03	-0.06		ppb
Cadmium	106-1	-0.13	-1.91	-0.60	-0.88		ppb
Cadmium	108-1	0.37	0.74	0.40	0.50	40.65	ppb
Calcium	43-1	65246.70	64000.70	63626.68	64291.36	1.32	ppb
Calcium	44-1	64592.36	62204.97	63385.86	63394.40	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.46	0.49	0.51	11.92	ppb
Cobalt	59-2	0.09	0.08	0.09	0.09	4.04	ppb
Copper	63-2	0.37	0.26	0.33	0.32	17.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	19.63	18.39	16.64	18.22	8.27	ppb
Iron	56-2	16.96	16.25	16.83	16.68	2.26	ppb
Iron	57-2	93.13	99.45	94.99	95.86	3.39	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.31	0.29	6.20	ppb
Lead	207-1	0.27	0.26	0.26	0.27	1.85	ppb
Lead	208-1	0.27	0.27	0.28	0.27	3.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	4351.46	4272.35	4273.02	4298.94	1.06	ppb
Manganese	55-2	2.12	2.03	1.76	1.97	9.52	ppb
Molybdenum	94-1	39.77	42.64	40.02	40.81	3.89	ppb
Molybdenum	95-1	50.60	51.41	49.70	50.57	1.69	ppb
Molybdenum	96-1	49.15	50.14	48.27	49.19	1.90	ppb
Molybdenum	97-1	50.70	52.31	49.05	50.69	3.21	ppb
Molybdenum	98-1	50.86	52.07	49.56	50.83	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.48	0.41	0.48	14.68	ppb
Phosphorus	31-2	-0.80	10.35	19.21	9.59	104.58	ppb
Potassium	39-2	57819.66	57156.82	55921.43	56965.97	1.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	1.28	0.58	0.91	0.92	37.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.97	0.18	0.69	0.61	65.51	ppb
Silicon	28-1	376.81	377.89	355.97	370.22	3.34	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.01	0.01	0.00	0.01	43.56	ppb
Sodium	23-2	24781.14	23941.35	23392.07	24038.18	2.91	ppb
Strontium	86-1	965.98	1011.45	988.18	988.54	2.30	ppb
Strontium	88-1	1000.54	987.52	970.10	986.05	1.55	ppb
Sulfur	34-1	19472.82	19410.12	18494.31	19125.75	2.86	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	9.93	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	28.35	ppb
Tin	118-1	0.29	0.22	0.32	0.28	17.74	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.15	0.86	1.05	1.02	14.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	41.87	ppb
Vanadium	51-2	1.03	0.99	0.94	0.99	4.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5.91	5.99	5.89	5.93	0.92	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	37.20	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	34.89	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	221.24	216.06	211.99	216.43	2.14	ppb
Antimony	121-1	0.22	0.20	0.17	0.20	11.73	ppb
Arsenic	75-2	5.73	5.72	5.81	5.75	0.84	ppb
Barium	135-1	295.97	303.05	292.02	297.01	1.88	ppb
Barium	137-1	299.62	301.47	294.17	298.42	1.27	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	36.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	33.40	33.73	35.05	34.06	2.56	ppb
Boron	11-1	34.40	33.99	34.56	34.31	0.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.06	-0.06	-0.07		ppb
Cadmium	106-1	-2.02	-1.02	-0.76	-1.27		ppb
Cadmium	108-1	0.17	0.14	0.24	0.18	28.34	ppb
Calcium	43-1	59445.71	60824.06	60584.13	60284.63	1.22	ppb
Calcium	44-1	60561.59	61198.89	59695.95	60485.48	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.04	31.78	31.33	32.05	2.76	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	12.24	ppb
Copper	63-2	1.41	1.38	1.31	1.37	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	138.77	135.63	135.62	136.68	1.33	ppb
Iron	56-2	124.96	120.24	117.28	120.83	3.20	ppb
Iron	57-2	196.66	206.15	192.85	198.55	3.45	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.37	0.28	0.35	18.84	ppb
Lead	207-1	0.38	0.29	0.24	0.30	24.25	ppb
Lead	208-1	0.40	0.31	0.26	0.32	21.63	ppb
Lithium	6-1				108		%
Magnesium	24-2	9820.95	9347.02	9150.78	9439.58	3.65	ppb
Manganese	55-2	63.39	63.54	61.62	62.85	1.70	ppb
Molybdenum	94-1	23.02	23.53	23.03	23.20	1.26	ppb
Molybdenum	95-1	28.79	29.06	28.24	28.70	1.46	ppb
Molybdenum	96-1	28.14	28.33	28.16	28.21	0.38	ppb
Molybdenum	97-1	29.16	29.19	28.47	28.94	1.41	ppb
Molybdenum	98-1	28.92	28.58	27.97	28.49	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.37	1.49	1.35	10.78	ppb
Phosphorus	31-2	44.84	62.56	46.66	51.36	18.97	ppb
Potassium	39-2	26610.12	26236.52	25129.38	25992.01	2.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	0.94	0.63	0.80	0.79	19.11	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	-0.02	-0.06	-0.04		ppb
Silicon	28-1	858.14	860.45	859.43	859.34	0.13	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	20852.36	20825.12	20067.04	20581.51	2.17	ppb
Strontium	86-1	954.97	938.50	921.19	938.22	1.80	ppb
Strontium	88-1	928.77	913.53	922.64	921.65	0.83	ppb
Sulfur	34-1	5902.38	5908.62	5887.19	5899.39	0.19	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.01	0.01	0.02	97.84	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	12.83	ppb
Tin	118-1	0.20	0.16	0.18	0.18	10.63	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.81	2.49	2.53	2.61	6.61	ppb
Uranium	238-1	0.10	0.08	0.09	0.09	12.60	ppb
Vanadium	51-2	21.57	22.06	20.69	21.44	3.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	12.61	11.76	11.81	12.06	3.97	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	10.83	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	27.25	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	182.55	182.86	179.93	181.78	0.89	ppb
Antimony	121-1	0.15	0.13	0.15	0.14	6.80	ppb
Arsenic	75-2	5.73	5.66	5.94	5.78	2.54	ppb
Barium	135-1	242.90	251.07	245.07	246.35	1.72	ppb
Barium	137-1	244.73	248.49	250.06	247.76	1.10	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	53.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	32.68	34.18	34.06	33.64	2.48	ppb
Boron	11-1	34.08	35.80	34.68	34.85	2.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	-0.02	-0.08	0.02	633.98	ppb
Cadmium	106-1	1.72	-0.67	-1.32	-0.09		ppb
Cadmium	108-1	0.30	0.10	0.14	0.18	60.45	ppb
Calcium	43-1	51941.06	51725.44	51156.27	51607.59	0.79	ppb
Calcium	44-1	51552.25	51767.17	50706.69	51342.04	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.39	29.05	28.10	28.85	2.32	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	11.01	ppb
Copper	63-2	1.07	1.09	1.04	1.07	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	54.47	56.78	50.10	53.78	6.30	ppb
Iron	56-2	33.96	33.27	33.74	33.66	1.03	ppb
Iron	57-2	103.44	103.21	94.60	100.42	5.02	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.14	0.15	6.12	ppb
Lead	207-1	0.14	0.14	0.12	0.13	8.31	ppb
Lead	208-1	0.15	0.14	0.14	0.14	4.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	8993.11	8413.37	8552.72	8653.07	3.50	ppb
Manganese	55-2	34.58	32.40	32.78	33.25	3.49	ppb
Molybdenum	94-1	24.18	24.09	23.78	24.02	0.88	ppb
Molybdenum	95-1	29.62	30.17	28.97	29.59	2.03	ppb
Molybdenum	96-1	27.94	29.24	28.58	28.59	2.28	ppb
Molybdenum	97-1	30.43	29.94	29.90	30.09	0.97	ppb
Molybdenum	98-1	29.54	28.97	29.15	29.22	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.69	0.59	0.67	9.84	ppb
Phosphorus	31-2	12.56	26.74	24.16	21.15	35.72	ppb
Potassium	39-2	26407.02	26350.23	26145.77	26301.01	0.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.76	1.21	0.68	0.88	32.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.21	1.17	-0.22	0.25	322.59	ppb
Silicon	28-1	843.10	853.47	832.20	842.92	1.26	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00	2138.14	ppb
Sodium	23-2	20753.71	20115.61	20116.90	20328.74	1.81	ppb
Strontium	86-1	841.61	854.69	810.21	835.50	2.74	ppb
Strontium	88-1	826.16	852.41	803.24	827.27	2.97	ppb
Sulfur	34-1	6055.58	6096.08	5759.57	5970.41	3.08	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.01	0.01	39.03	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.40	ppb
Tin	118-1	0.13	0.13	0.11	0.12	10.09	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.74	1.73	1.72	1.73	0.75	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	6.33	ppb
Vanadium	51-2	21.68	22.15	20.98	21.60	2.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5.61	5.33	5.00	5.31	5.79	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	29.17	ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	216.78	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	160.17	162.76	211.18	178.04	16.14	ppb
Antimony	121-1	0.42	0.50	0.49	0.47	8.98	ppb
Arsenic	75-2	1.69	1.62	2.13	1.81	15.23	ppb
Barium	135-1	92.54	94.41	92.77	93.24	1.09	ppb
Barium	137-1	94.28	94.77	94.55	94.53	0.26	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	51.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				94		%
Boron	10-1	38.37	36.55	36.84	37.25	2.63	ppb
Boron	11-1	39.21	37.73	38.73	38.55	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.02	0.08	0.02	272.51	ppb
Cadmium	106-1	-0.55	0.15	0.50	0.03	1639.97	ppb
Cadmium	108-1	0.31	0.45	0.20	0.32	38.74	ppb
Calcium	43-1	29130.65	29741.66	28799.23	29223.85	1.64	ppb
Calcium	44-1	28832.23	29286.14	27805.35	28641.24	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.93	6.77	8.66	7.45	14.08	ppb
Cobalt	59-2	0.07	0.07	0.12	0.09	34.77	ppb
Copper	63-2	1.36	1.43	1.72	1.51	12.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	54-2	330.58	332.25	423.87	362.23	14.74	ppb
Iron	56-2	335.06	340.11	431.33	368.83	14.69	ppb
Iron	57-2	368.89	368.86	477.30	405.02	15.46	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.49	0.49	0.53	0.50	5.05	ppb
Lead	207-1	0.45	0.48	0.50	0.47	5.92	ppb
Lead	208-1	0.44	0.47	0.49	0.47	5.00	ppb
Lithium	6-1				108		%
Magnesium	24-2	4454.00	4592.75	5892.54	4979.76	15.94	ppb
Manganese	55-2	55.89	57.79	72.73	62.14	14.84	ppb
Molybdenum	94-1	23.63	24.04	23.42	23.70	1.33	ppb
Molybdenum	95-1	28.22	28.56	28.03	28.27	0.95	ppb
Molybdenum	96-1	27.74	27.35	28.40	27.83	1.91	ppb
Molybdenum	97-1	30.08	29.13	28.97	29.39	2.03	ppb
Molybdenum	98-1	29.00	28.21	27.89	28.36	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.21	1.43	1.28	9.68	ppb
Phosphorus	31-2	58.88	53.46	83.38	65.24	24.44	ppb
Potassium	39-2	12153.07	12556.28	16278.97	13662.78	16.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				96		%
Selenium	82-1	0.16	0.46	0.38	0.33	47.16	ppb
Selenium	77-2	0.00	0.88	0.00	0.29	173.21	ppb
Selenium	78-2	0.41	-0.29	1.49	0.54	167.31	ppb
Silicon	28-1	644.94	666.20	654.63	655.25	1.62	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.01	0.00	0.01	0.01	91.18	ppb
Sodium	23-2	25632.26	26111.16	33633.26	28458.89	15.77	ppb
Strontium	86-1	340.56	338.75	329.98	336.43	1.68	ppb
Strontium	88-1	332.62	333.26	333.87	333.25	0.19	ppb
Sulfur	34-1	13108.72	13504.60	12910.76	13174.70	2.30	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.02	0.01	108.31	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	78.11	ppb
Tin	118-1	0.66	0.68	0.61	0.65	5.55	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.16	5.24	5.51	5.30	3.49	ppb
Uranium	238-1	1.35	1.33	1.30	1.33	1.64	ppb
Vanadium	51-2	5.02	4.90	6.51	5.48	16.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	25.45	24.88	33.20	27.84	16.68	ppb
Zirconium	90-1	0.22	0.19	0.17	0.19	14.12	ppb
Zirconium	91-1	0.21	0.13	0.27	0.20	33.73	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53320.25	50931.99	49870.47	51374.24	3.44	ppb
Antimony	121-1	497.40	509.89	493.51	500.26	1.71	ppb
Arsenic	75-2	488.35	480.90	480.47	483.24	0.92	ppb
Barium	135-1	2526.24	2562.81	2566.64	2551.90	0.87	ppb
Barium	137-1	2519.24	2609.67	2536.84	2555.25	1.88	ppb
Beryllium	9-1	505.99	500.58	520.82	509.13	2.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	553.77	573.03	595.17	573.99	3.61	ppb
Boron	11-1	514.86	512.86	539.30	522.34	2.82	ppb
Bromine	81-1						cps
Cadmium	111-1	479.94	491.42	463.32	478.22	2.95	ppb
Cadmium	106-1	498.39	506.74	492.03	499.05	1.48	ppb
Cadmium	108-1	485.21	501.33	488.32	491.62	1.74	ppb
Calcium	43-1	249351.78	241618.51	245089.27	245353.19	1.58	ppb
Calcium	44-1	240815.91	240055.77	240232.34	240368.01	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.14	485.22	490.38	492.25	1.65	ppb
Cobalt	59-2	492.82	465.40	478.59	478.94	2.86	ppb
Copper	63-2	5118.38	4813.65	4923.94	4951.99	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	130697.39	123313.65	126783.17	126931.40	2.91	ppb
Iron	56-2	129178.97	128988.54	128936.78	129034.77	0.10	ppb
Iron	57-2	130682.38	123666.43	126519.74	126956.18	2.78	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2517.93	2551.96	2567.45	2545.78	1.00	ppb
Lead	207-1	2535.48	2571.99	2501.24	2536.24	1.40	ppb
Lead	208-1	2537.96	2555.62	2578.36	2557.31	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	260417.32	250645.78	249506.79	253523.30	2.37	ppb
Manganese	55-2	5107.52	4970.92	5071.60	5050.01	1.40	ppb
Molybdenum	94-1	5123.33	5061.52	4876.04	5020.30	2.56	ppb
Molybdenum	95-1	5205.75	5043.19	4969.59	5072.84	2.38	ppb
Molybdenum	96-1	5204.70	5078.44	4994.20	5092.45	2.08	ppb
Molybdenum	97-1	5070.92	5107.95	5009.51	5062.80	0.98	ppb
Molybdenum	98-1	5165.88	5074.20	5050.48	5096.85	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.10	481.95	486.03	491.36	2.63	ppb
Phosphorus	31-2	10364.06	9587.13	9582.30	9844.50	4.57	ppb
Potassium	39-2	126157.55	122117.80	124728.43	124334.60	1.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	479.97	476.33	461.82	472.70	2.03	ppb
Selenium	77-2	499.30	493.21	459.53	484.01	4.43	ppb
Selenium	78-2	480.28	476.50	465.40	474.06	1.63	ppb
Silicon	28-1	552.96	550.09	557.38	553.48	0.66	ppb
Silver	107-1	539.78	544.26	512.10	532.04	3.27	ppb
Silver	109-1	512.19	535.32	522.37	523.29	2.22	ppb
Sodium	23-2	262031.30	248825.56	249956.03	253604.30	2.89	ppb
Strontium	86-1	13157.02	12563.72	12407.12	12709.29	3.11	ppb
Strontium	88-1	13012.13	12627.96	12351.33	12663.81	2.62	ppb
Sulfur	34-1	9866.60	9958.36	9971.09	9932.02	0.57	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	530.43	536.29	502.09	522.94	3.50	ppb
Thallium	205-1	511.98	521.83	516.30	516.70	0.96	ppb
Tin	118-1	513.59	509.38	493.89	505.62	2.05	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5058.60	5061.79	4871.18	4997.19	2.18	ppb
Uranium	238-1	522.69	534.85	517.19	524.91	1.72	ppb
Vanadium	51-2	519.30	497.37	506.85	507.84	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4846.00	4673.72	4726.20	4748.64	1.86	ppb
Zirconium	90-1	512.15	510.01	487.40	503.18	2.73	ppb
Zirconium	91-1	514.81	502.79	486.31	501.30	2.85	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	1.03	0.77	0.88	14.95	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	39.04	ppb
Arsenic	75-2	0.03	0.05	0.04	0.04	29.07	ppb
Barium	135-1	0.03	0.01	0.01	0.02	49.71	ppb
Barium	137-1	0.01	0.02	0.01	0.01	37.66	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	26.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	6.58	5.94	5.46	5.99	9.38	ppb
Boron	11-1	6.88	6.34	5.54	6.26	10.77	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.01	-0.06	-0.04		ppb
Cadmium	106-1	-0.62	-0.27	-0.96	-0.62		ppb
Cadmium	108-1	0.25	0.00	0.10	0.12	105.97	ppb
Calcium	43-1	2.46	1.45	0.14	1.35	86.54	ppb
Calcium	44-1	1.79	-0.04	-1.08	0.22	649.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.12	-0.14	-0.09		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.21	0.21	0.18	0.20	9.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	1.60	0.66	-0.49	0.59	176.27	ppb
Iron	56-2	0.33	0.45	0.12	0.30	54.39	ppb
Iron	57-2	-2.78	-0.50	-0.27	-1.18		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.07	0.05	35.91	ppb
Lead	207-1	0.06	0.01	0.06	0.05	66.57	ppb
Lead	208-1	0.07	0.02	0.04	0.04	51.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.40	-0.03	1.28	0.29	309.34	ppb
Manganese	55-2	0.05	0.01	0.02	0.03	75.40	ppb
Molybdenum	94-1	0.11	0.08	0.05	0.08	35.19	ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	14.71	ppb
Molybdenum	96-1	0.10	0.03	0.04	0.06	72.22	ppb
Molybdenum	97-1	0.07	0.05	0.03	0.05	44.11	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	13.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.00	0.03	83.61	ppb
Phosphorus	31-2	-6.04	-5.76	-14.41	-8.74		ppb
Potassium	39-2	-1.23	3.00	10.71	4.16	145.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.11	-0.32	0.19	-0.01		ppb
Selenium	77-2	0.00	0.00	0.91	0.30	173.21	ppb
Selenium	78-2	-0.78	-0.08	-0.32	-0.40		ppb
Silicon	28-1	0.95	-0.10	-0.68	0.06	1486.09	ppb
Silver	107-1	0.04	0.02	0.03	0.03	21.30	ppb
Silver	109-1	0.03	0.03	0.04	0.03	7.05	ppb
Sodium	23-2	12.03	13.20	12.96	12.73	4.86	ppb
Strontium	86-1	0.07	0.05	0.02	0.05	60.05	ppb
Strontium	88-1	0.09	0.06	0.03	0.06	44.02	ppb
Sulfur	34-1	384.02	218.98	-264.15	112.95	298.23	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.03	0.04	18.38	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	17.11	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.02		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.03	-0.08	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	86.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.27	-0.06	-0.15	0.02	1143.30	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	70.29	ppb
Zirconium	91-1	0.02	-0.01	0.00	0.01	235.81	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.15	23.39	23.47	23.34	0.71	ppb
Antimony	121-1	0.46	0.48	0.47	0.47	1.91	ppb
Arsenic	75-2	1.59	1.45	1.46	1.50	4.98	ppb
Barium	135-1	92.06	90.03	87.34	89.81	2.63	ppb
Barium	137-1	94.69	90.10	87.85	90.88	3.84	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	30.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	38.20	39.00	39.87	39.02	2.14	ppb
Boron	11-1	38.69	39.84	40.45	39.66	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.13	-0.12	-0.07		ppb
Cadmium	106-1	0.33	-1.46	-1.43	-0.85		ppb
Cadmium	108-1	0.51	0.63	0.53	0.56	11.95	ppb
Calcium	43-1	28098.07	28001.29	27148.68	27749.35	1.88	ppb
Calcium	44-1	27532.66	27277.98	26731.77	27180.80	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.49	0.49	0.46	12.50	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	42.18	ppb
Copper	63-2	0.26	0.30	0.27	0.28	8.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	83.92	83.22	81.71	82.95	1.37	ppb
Iron	56-2	86.52	86.95	83.67	85.71	2.08	ppb
Iron	57-2	125.07	116.80	121.88	121.25	3.44	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.14	0.14	5.81	ppb
Lead	207-1	0.14	0.15	0.15	0.15	3.47	ppb
Lead	208-1	0.15	0.14	0.13	0.14	7.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	4079.50	4125.33	4030.56	4078.47	1.16	ppb
Manganese	55-2	32.83	33.07	32.86	32.92	0.40	ppb
Molybdenum	94-1	26.55	26.01	25.93	26.16	1.30	ppb
Molybdenum	95-1	31.18	32.02	31.84	31.68	1.40	ppb
Molybdenum	96-1	30.62	30.18	30.30	30.37	0.75	ppb
Molybdenum	97-1	31.74	31.59	32.12	31.82	0.86	ppb
Molybdenum	98-1	31.44	31.35	31.27	31.35	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.43	0.48	0.42	15.45	ppb
Phosphorus	31-2	59.14	51.58	48.15	52.96	10.63	ppb
Potassium	39-2	13657.23	13683.36	13529.76	13623.45	0.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.49	0.20	0.73	0.47	56.45	ppb
Selenium	77-2	0.89	0.00	0.00	0.30	173.21	ppb
Selenium	78-2	-0.96	0.37	-0.28	-0.29		ppb
Silicon	28-1	659.88	648.09	620.50	642.82	3.14	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	26898.95	27501.56	26584.48	26995.00	1.73	ppb
Strontium	86-1	340.40	347.29	346.34	344.68	1.08	ppb
Strontium	88-1	346.56	354.19	339.52	346.76	2.12	ppb
Sulfur	34-1	15577.80	15301.79	14760.12	15213.24	2.73	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.02	14.98	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	24.99	ppb
Tin	118-1	0.32	0.34	0.32	0.33	3.16	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.30	1.34	1.11	1.25	9.88	ppb
Uranium	238-1	1.10	1.10	1.09	1.10	0.72	ppb
Vanadium	51-2	3.56	3.45	3.44	3.48	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5.52	5.30	6.29	5.70	9.11	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	37.07	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	13.81	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	426.19	417.97	409.14	417.77	2.04	ppb
Antimony	121-1	0.16	0.14	0.11	0.14	16.24	ppb
Arsenic	75-2	1.31	1.57	1.35	1.41	9.91	ppb
Barium	135-1	193.80	189.53	166.20	183.17	8.11	ppb
Barium	137-1	194.15	192.28	170.65	185.69	7.03	ppb
Beryllium	9-1	0.19	0.18	0.18	0.18	4.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	16.24	16.36	15.87	16.16	1.57	ppb
Boron	11-1	16.78	16.71	15.77	16.42	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.01	-0.04	0.02	279.43	ppb
Cadmium	106-1	0.67	-0.11	-0.25	0.10	478.81	ppb
Cadmium	108-1	0.24	0.43	0.45	0.37	30.94	ppb
Calcium	43-1	21591.37	21131.48	19621.04	20781.30	4.96	ppb
Calcium	44-1	21183.18	20783.18	19790.40	20585.59	3.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.59	1.73	1.54	1.62	6.05	ppb
Cobalt	59-2	1.48	1.41	1.39	1.43	3.21	ppb
Copper	63-2	1.94	1.53	1.63	1.70	12.63	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				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	2399.16	2308.59	2216.34	2308.03	3.96	ppb
Iron	56-2	2545.34	2367.37	2401.60	2438.10	3.87	ppb
Iron	57-2	2395.99	2282.46	2213.25	2297.23	4.02	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.70	1.76	1.68	1.71	2.45	ppb
Lead	207-1	1.62	1.69	1.50	1.60	6.01	ppb
Lead	208-1	1.67	1.72	1.52	1.64	6.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	5398.69	5182.51	5093.52	5224.91	3.00	ppb
Manganese	55-2	267.52	259.97	250.24	259.24	3.34	ppb
Molybdenum	94-1	1.15	1.12	1.13	1.13	1.22	ppb
Molybdenum	95-1	1.18	1.29	1.21	1.22	4.63	ppb
Molybdenum	96-1	1.26	1.32	1.22	1.27	3.94	ppb
Molybdenum	97-1	1.40	1.36	1.11	1.29	12.27	ppb
Molybdenum	98-1	1.26	1.32	1.13	1.24	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.08	2.13	2.06	3.59	ppb
Phosphorus	31-2	181.19	189.12	134.98	168.43	17.36	ppb
Potassium	39-2	7403.87	7302.24	7148.02	7284.71	1.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.18	0.10	0.28	0.19	47.40	ppb
Selenium	77-2	0.91	0.88	0.89	0.90	1.45	ppb
Selenium	78-2	-0.34	-0.12	-0.08	-0.18		ppb
Silicon	28-1	720.15	710.75	649.43	693.45	5.54	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.32	ppb
Sodium	23-2	5539.18	5487.86	5221.78	5416.27	3.15	ppb
Strontium	86-1	290.50	292.21	267.02	283.24	4.97	ppb
Strontium	88-1	298.74	292.36	272.47	287.86	4.76	ppb
Sulfur	34-1	1210.27	944.07	291.40	815.24	57.99	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.02	0.03	0.03	40.93	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	23.76	ppb
Tin	118-1	0.30	0.30	0.23	0.28	14.13	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.77	13.88	13.30	13.65	2.23	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.38	ppb
Vanadium	51-2	1.62	1.38	1.48	1.50	8.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	43.66	42.39	40.65	42.23	3.57	ppb
Zirconium	90-1	0.07	0.09	0.10	0.09	16.32	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	9.52	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-15 15:29:44	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	1.68	0.92	0.99	66.52	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	45.08	ppb
Arsenic	75-2	0.01	0.04	0.04	0.03	60.76	ppb
Barium	135-1	0.04	0.00	0.03	0.02	88.30	ppb
Barium	137-1	0.02	0.02	0.03	0.02	18.80	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	10.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	4.22	4.16	4.06	4.14	1.87	ppb
Boron	11-1	4.14	4.06	4.03	4.08	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.08	0.06	-0.03		ppb
Cadmium	106-1	-0.87	-0.88	0.83	-0.31		ppb
Cadmium	108-1	0.28	0.27	0.25	0.27	6.40	ppb
Calcium	43-1	-0.99	-0.74	-0.62	-0.79		ppb
Calcium	44-1	-1.68	-1.87	-1.04	-1.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.03	-0.08	-0.06		ppb
Cobalt	59-2	-0.02	0.01	0.01	0.00		ppb
Copper	63-2	0.06	0.16	0.17	0.13	48.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	-0.14	4.66	2.56	2.36	101.83	ppb
Iron	56-2	-0.18	3.98	2.40	2.07	101.81	ppb
Iron	57-2	-2.16	2.06	-0.39	-0.16		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-15 15:29:44	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.00	0.02	0.02	69.05	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	1824.31	ppb
Lead	208-1	0.02	0.00	0.01	0.01	68.92	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.16	8.07	5.41	4.88	71.46	ppb
Manganese	55-2	0.02	0.15	0.13	0.10	74.31	ppb
Molybdenum	94-1	0.02	0.00	0.05	0.02	107.33	ppb
Molybdenum	95-1	0.01	0.05	0.02	0.03	78.66	ppb
Molybdenum	96-1	0.00	0.02	-0.01	0.00	362.16	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	38.51	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	73.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.04	0.04	31.05	ppb
Phosphorus	31-2	-14.40	-3.12	8.24	-3.09		ppb
Potassium	39-2	1.94	7.06	6.72	5.24	54.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-0.29	0.05	0.00	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.84	-0.19	0.24	0.30	175.50	ppb
Silicon	28-1	-0.42	-0.65	-0.31	-0.46		ppb
Silver	107-1	0.02	0.01	0.00	0.01	94.74	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.77	ppb
Sodium	23-2	8.77	20.16	20.41	16.45	40.43	ppb
Strontium	86-1	-0.04	0.04	-0.03	-0.01		ppb
Strontium	88-1	0.02	0.03	0.02	0.03	14.50	ppb
Sulfur	34-1	-982.10	-1108.25	-921.50	-1003.95		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.03	0.02	67.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.89	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-15 15:29:44	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.13	-0.08	-0.04	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	60.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	0.07	-0.01	-0.03	0.01	643.63	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	104.71	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	113.88	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10955.20	10948.70	10756.02	10886.64	1.04	ppb
Antimony	121-1	483.41	514.95	476.69	491.69	4.15	ppb
Arsenic	75-2	529.11	523.78	512.19	521.69	1.66	ppb
Barium	135-1	2589.47	2802.84	2676.43	2689.58	3.99	ppb
Barium	137-1	2636.62	2799.71	2636.86	2691.06	3.50	ppb
Beryllium	9-1	516.68	531.81	504.23	517.57	2.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	185.07	195.14	190.39	190.20	2.65	ppb
Boron	11-1	184.85	200.19	198.61	194.55	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	520.53	548.31	517.96	528.93	3.18	ppb
Cadmium	106-1	530.45	553.28	540.40	541.38	2.11	ppb
Cadmium	108-1	503.75	527.83	506.47	512.68	2.57	ppb
Calcium	43-1	68618.03	66538.58	68459.69	67872.10	1.71	ppb
Calcium	44-1	66873.89	65720.98	67376.60	66657.16	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.62	505.56	497.31	504.49	1.33	ppb
Cobalt	59-2	496.45	498.30	483.04	492.60	1.69	ppb
Copper	63-2	5071.08	4897.14	4863.13	4943.78	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	29919.30	29393.83	29291.40	29534.85	1.14	ppb
Iron	56-2	29784.76	29236.11	28514.81	29178.56	2.18	ppb
Iron	57-2	28294.92	28056.13	27339.96	27897.01	1.78	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2374.49	2397.63	2294.93	2355.68	2.29	ppb
Lead	207-1	2310.42	2369.34	2287.55	2322.44	1.82	ppb
Lead	208-1	2361.96	2384.68	2314.60	2353.75	1.52	ppb
Lithium	6-1				107		%
Magnesium	24-2	57103.17	56374.46	55379.10	56285.57	1.54	ppb
Manganese	55-2	5269.89	5315.05	5234.54	5273.16	0.77	ppb
Molybdenum	94-1	2482.15	2512.56	2541.01	2511.90	1.17	ppb
Molybdenum	95-1	1919.51	1958.35	1990.49	1956.11	1.82	ppb
Molybdenum	96-1	1988.99	2034.38	2078.45	2033.94	2.20	ppb
Molybdenum	97-1	1960.02	1934.51	2015.08	1969.87	2.09	ppb
Molybdenum	98-1	1944.13	1981.13	2008.25	1977.84	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.53	502.87	507.39	509.27	1.47	ppb
Phosphorus	31-2	172.19	169.78	133.26	158.41	13.77	ppb
Potassium	39-2	27796.38	27652.24	27229.87	27559.50	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	505.55	503.99	510.49	506.68	0.67	ppb
Selenium	77-2	503.44	471.03	475.14	483.20	3.65	ppb
Selenium	78-2	500.39	499.65	480.21	493.41	2.32	ppb
Silicon	28-1	711.54	699.99	701.65	704.39	0.89	ppb
Silver	107-1	409.88	395.57	325.36	376.94	12.00	ppb
Silver	109-1	438.37	347.29	413.04	399.57	11.77	ppb
Sodium	23-2	55426.01	55591.45	54941.85	55319.77	0.61	ppb
Strontium	86-1	745.22	749.49	763.56	752.75	1.27	ppb
Strontium	88-1	724.23	729.65	742.42	732.10	1.28	ppb
Sulfur	34-1	874.01	562.11	805.31	747.14	21.93	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	507.10	510.00	491.81	502.97	1.94	ppb
Thallium	205-1	487.26	493.30	486.02	488.86	0.80	ppb
Tin	118-1	483.86	510.40	488.35	494.21	2.87	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2075.30	1999.16	2042.30	2038.92	1.87	ppb
Uranium	238-1	487.49	489.99	470.22	482.57	2.23	ppb
Vanadium	51-2	520.58	510.67	508.97	513.41	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4982.86	4855.67	4787.55	4875.36	2.03	ppb
Zirconium	90-1	476.82	475.99	486.72	479.85	1.24	ppb
Zirconium	91-1	470.25	474.72	474.55	473.17	0.54	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11246.59	10917.39	10915.60	11026.52	1.73	ppb
Antimony	121-1	488.36	480.37	481.55	483.43	0.89	ppb
Arsenic	75-2	537.24	517.96	523.28	526.16	1.89	ppb
Barium	135-1	2678.91	2590.55	2678.94	2649.46	1.93	ppb
Barium	137-1	2669.52	2539.53	2620.31	2609.79	2.51	ppb
Beryllium	9-1	529.12	507.79	499.14	512.02	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	196.37	197.27	198.60	197.41	0.57	ppb
Boron	11-1	193.78	202.73	197.53	198.01	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	515.00	512.64	520.73	516.12	0.81	ppb
Cadmium	106-1	528.81	499.70	521.32	516.61	2.93	ppb
Cadmium	108-1	497.08	498.70	496.41	497.40	0.24	ppb
Calcium	43-1	67411.37	68363.15	66738.21	67504.24	1.21	ppb
Calcium	44-1	65994.49	67290.89	66364.92	66550.10	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526.94	507.38	510.74	515.02	2.03	ppb
Cobalt	59-2	508.81	492.68	498.24	499.91	1.64	ppb
Copper	63-2	5031.69	5058.62	5002.57	5030.96	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	30205.05	29040.70	29714.01	29653.25	1.97	ppb
Iron	56-2	29825.91	29309.74	29474.42	29536.69	0.89	ppb
Iron	57-2	28645.53	27820.44	28274.79	28246.92	1.46	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.66	2496.46	2441.26	2456.46	1.42	ppb
Lead	207-1	2297.76	2407.74	2405.36	2370.28	2.65	ppb
Lead	208-1	2375.17	2422.37	2420.13	2405.89	1.11	ppb
Lithium	6-1				108		%
Magnesium	24-2	58125.65	56382.09	57902.38	57470.04	1.65	ppb
Manganese	55-2	5387.75	5140.63	5322.65	5283.68	2.42	ppb
Molybdenum	94-1	2495.40	2504.84	2626.96	2542.40	2.89	ppb
Molybdenum	95-1	1929.87	1991.04	2048.98	1989.96	2.99	ppb
Molybdenum	96-1	1996.71	1995.35	2112.46	2034.84	3.30	ppb
Molybdenum	97-1	1961.20	1918.93	2106.40	1995.51	4.93	ppb
Molybdenum	98-1	1940.52	1938.85	2055.84	1978.40	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.57	510.66	514.66	514.97	0.87	ppb
Phosphorus	31-2	152.97	145.95	141.62	146.85	3.90	ppb
Potassium	39-2	29182.98	28143.98	27591.01	28305.99	2.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	494.88	499.24	514.99	503.04	2.10	ppb
Selenium	77-2	494.29	500.58	530.01	508.30	3.75	ppb
Selenium	78-2	508.76	504.62	501.02	504.80	0.77	ppb
Silicon	28-1	675.54	701.64	678.35	685.18	2.09	ppb
Silver	107-1	382.37	409.62	391.03	394.34	3.53	ppb
Silver	109-1	299.33	388.85	404.40	364.19	15.57	ppb
Sodium	23-2	58528.36	57014.19	56860.00	57467.52	1.60	ppb
Strontium	86-1	730.63	742.66	762.09	745.12	2.13	ppb
Strontium	88-1	722.12	739.48	747.25	736.28	1.75	ppb
Sulfur	34-1	426.31	723.48	468.10	539.30	29.83	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	519.39	515.77	510.75	515.30	0.84	ppb
Thallium	205-1	507.58	499.02	502.71	503.10	0.85	ppb
Tin	118-1	496.74	487.31	494.00	492.68	0.98	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1989.97	2075.42	2004.24	2023.21	2.26	ppb
Uranium	238-1	494.62	491.53	496.09	494.08	0.47	ppb
Vanadium	51-2	529.80	513.01	517.47	520.09	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	5050.76	4839.13	4894.19	4928.03	2.23	ppb
Zirconium	90-1	474.59	478.02	484.55	479.06	1.06	ppb
Zirconium	91-1	460.90	472.28	492.12	475.10	3.33	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11201.22	10931.31	10902.06	11011.53	1.50	ppb
Antimony	121-1	490.35	468.24	487.66	482.08	2.50	ppb
Arsenic	75-2	536.01	523.61	525.30	528.31	1.27	ppb
Barium	135-1	2676.38	2743.86	2698.82	2706.35	1.27	ppb
Barium	137-1	2617.45	2618.44	2638.45	2624.78	0.45	ppb
Beryllium	9-1	508.05	515.00	525.71	516.26	1.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	195.34	203.11	212.40	203.62	4.20	ppb
Boron	11-1	195.43	206.24	214.40	205.35	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	525.12	516.03	528.13	523.09	1.20	ppb
Cadmium	106-1	513.04	512.49	528.17	517.90	1.72	ppb
Cadmium	108-1	512.65	497.57	514.59	508.27	1.83	ppb
Calcium	43-1	70168.79	69541.73	68051.76	69254.10	1.57	ppb
Calcium	44-1	66955.65	67992.66	66679.56	67209.29	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.35	514.40	511.41	513.39	0.33	ppb
Cobalt	59-2	499.74	497.49	494.74	497.32	0.50	ppb
Copper	63-2	5108.94	5034.17	5042.77	5061.96	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	29389.97	29675.59	28974.63	29346.73	1.20	ppb
Iron	56-2	29036.46	28519.94	28982.12	28846.17	0.98	ppb
Iron	57-2	27798.70	27379.29	28149.82	27775.94	1.39	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2423.86	2456.06	2354.01	2411.31	2.16	ppb
Lead	207-1	2402.10	2412.15	2373.17	2395.81	0.84	ppb
Lead	208-1	2409.57	2430.08	2358.65	2399.43	1.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	58501.00	57340.91	57758.94	57866.95	1.02	ppb
Manganese	55-2	5406.89	5186.15	5211.34	5268.13	2.29	ppb
Molybdenum	94-1	2534.99	2538.48	2570.23	2547.90	0.76	ppb
Molybdenum	95-1	2013.80	2069.06	2046.02	2042.96	1.36	ppb
Molybdenum	96-1	2085.08	2080.42	2097.70	2087.73	0.43	ppb
Molybdenum	97-1	2102.63	2088.39	2032.66	2074.56	1.78	ppb
Molybdenum	98-1	2031.03	2024.06	2006.50	2020.53	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.39	512.53	515.98	516.30	0.76	ppb
Phosphorus	31-2	141.05	163.32	177.01	160.46	11.31	ppb
Potassium	39-2	28707.09	28734.48	28614.87	28685.48	0.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	507.10	524.36	514.17	515.21	1.68	ppb
Selenium	77-2	520.05	525.65	549.93	531.88	2.99	ppb
Selenium	78-2	506.36	509.11	526.72	514.06	2.15	ppb
Silicon	28-1	710.47	726.62	700.85	712.65	1.83	ppb
Silver	107-1	545.59	345.29	412.85	434.58	23.45	ppb
Silver	109-1	455.38	340.11	400.33	398.60	14.46	ppb
Sodium	23-2	57725.48	56798.24	56789.10	57104.27	0.94	ppb
Strontium	86-1	734.81	768.31	755.85	752.99	2.25	ppb
Strontium	88-1	729.30	744.41	752.60	742.11	1.59	ppb
Sulfur	34-1	570.97	697.22	507.19	591.79	16.34	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	504.97	528.55	499.58	511.03	3.02	ppb
Thallium	205-1	507.04	502.95	500.39	503.46	0.67	ppb
Tin	118-1	492.14	489.45	494.27	491.96	0.49	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1989.70	2087.61	1997.59	2024.96	2.69	ppb
Uranium	238-1	498.08	490.84	499.22	496.05	0.92	ppb
Vanadium	51-2	525.86	522.21	521.60	523.22	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	4908.65	4914.09	4927.02	4916.58	0.19	ppb
Zirconium	90-1	481.45	499.08	485.00	488.51	1.91	ppb
Zirconium	91-1	484.76	482.27	485.89	484.31	0.38	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53119.14	51717.53	52610.23	52482.30	1.35	ppb
Antimony	121-1	468.62	504.51	483.12	485.42	3.72	ppb
Arsenic	75-2	500.67	499.91	501.35	500.64	0.14	ppb
Barium	135-1	2533.59	2676.05	2566.54	2592.06	2.88	ppb
Barium	137-1	2412.85	2617.71	2504.83	2511.79	4.08	ppb
Beryllium	9-1	487.94	520.48	505.19	504.54	3.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	535.65	591.38	575.80	567.61	5.07	ppb
Boron	11-1	494.76	539.57	521.87	518.73	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	454.50	490.00	465.21	469.90	3.88	ppb
Cadmium	106-1	465.44	510.04	479.38	484.95	4.70	ppb
Cadmium	108-1	453.48	499.34	474.36	475.73	4.83	ppb
Calcium	43-1	245979.66	249614.10	251271.25	248955.00	1.09	ppb
Calcium	44-1	243220.02	243939.19	242687.08	243282.10	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.62	505.15	504.38	505.72	0.34	ppb
Cobalt	59-2	500.02	495.31	483.95	493.09	1.68	ppb
Copper	63-2	5234.03	5067.53	5080.91	5127.49	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	129536.79	131263.57	131885.05	130895.13	0.93	ppb
Iron	56-2	134736.97	133974.97	133485.88	134065.94	0.47	ppb
Iron	57-2	133632.02	133908.54	132995.56	133512.04	0.35	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2625.16	2643.64	2484.18	2584.33	3.37	ppb
Lead	207-1	2593.34	2607.33	2486.64	2562.43	2.58	ppb
Lead	208-1	2584.49	2610.58	2494.62	2563.23	2.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	266761.28	261575.44	259940.29	262759.01	1.36	ppb
Manganese	55-2	5188.74	5223.56	5222.55	5211.62	0.38	ppb
Molybdenum	94-1	4938.98	5260.92	5000.95	5066.95	3.37	ppb
Molybdenum	95-1	4903.16	5100.03	4968.33	4990.51	2.01	ppb
Molybdenum	96-1	4928.42	5028.36	4967.01	4974.60	1.01	ppb
Molybdenum	97-1	4854.36	5242.31	5062.16	5052.95	3.84	ppb
Molybdenum	98-1	5006.73	5132.34	5004.43	5047.84	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.80	496.68	495.32	501.27	1.82	ppb
Phosphorus	31-2	10567.69	10605.18	10431.99	10534.95	0.86	ppb
Potassium	39-2	127532.58	126714.82	126027.94	126758.45	0.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	460.58	479.13	461.45	467.05	2.24	ppb
Selenium	77-2	486.97	509.66	484.29	493.64	2.82	ppb
Selenium	78-2	487.57	492.56	476.10	485.41	1.74	ppb
Silicon	28-1	548.40	561.53	544.81	551.58	1.60	ppb
Silver	107-1	508.54	547.87	526.67	527.69	3.73	ppb
Silver	109-1	491.77	534.09	510.74	512.20	4.14	ppb
Sodium	23-2	260540.48	259570.59	257759.57	259290.21	0.54	ppb
Strontium	86-1	12199.32	12835.39	12523.00	12519.24	2.54	ppb
Strontium	88-1	11995.46	12588.31	12435.09	12339.62	2.49	ppb
Sulfur	34-1	9981.04	9968.27	9651.10	9866.81	1.89	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	538.33	526.76	529.73	531.61	1.13	ppb
Thallium	205-1	524.77	516.68	508.74	516.73	1.55	ppb
Tin	118-1	480.92	521.17	495.21	499.10	4.09	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5153.64	5269.06	5054.63	5159.11	2.08	ppb
Uranium	238-1	536.84	528.38	517.62	527.61	1.83	ppb
Vanadium	51-2	528.73	523.89	523.77	525.46	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	4974.34	4790.48	4863.85	4876.22	1.90	ppb
Zirconium	90-1	489.07	510.69	510.77	503.51	2.48	ppb
Zirconium	91-1	483.54	506.69	499.17	496.46	2.38	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.74	0.88	0.80	8.89	ppb
Antimony	121-1	0.14	0.26	0.19	0.20	31.77	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	21.94	ppb
Barium	135-1	0.39	0.75	0.16	0.44	68.31	ppb
Barium	137-1	0.42	0.84	0.17	0.48	70.83	ppb
Beryllium	9-1	0.10	0.17	0.08	0.12	43.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	7.59	7.24	7.23	7.35	2.77	ppb
Boron	11-1	7.50	7.13	7.30	7.31	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	0.21	-0.04	0.01	1700.85	ppb
Cadmium	106-1	-2.62	0.97	-0.98	-0.88		ppb
Cadmium	108-1	0.21	0.21	0.10	0.17	35.24	ppb
Calcium	43-1	19.55	48.17	10.09	25.94	76.44	ppb
Calcium	44-1	18.90	46.71	9.83	25.15	76.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.04	0.00	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.14	0.20	0.17	18.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	0.80	2.28	-0.27	0.94	136.77	ppb
Iron	56-2	0.65	0.27	0.31	0.41	51.08	ppb
Iron	57-2	-0.49	-2.62	-2.08	-1.73		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.63	0.14	0.35	70.39	ppb
Lead	207-1	0.32	0.53	0.17	0.34	53.82	ppb
Lead	208-1	0.31	0.61	0.15	0.36	66.21	ppb
Lithium	6-1				110		%
Magnesium	24-2	-2.52	-2.64	-3.18	-2.78		ppb
Manganese	55-2	0.06	0.02	0.10	0.06	68.44	ppb
Molybdenum	94-1	0.54	0.92	0.30	0.59	53.80	ppb
Molybdenum	95-1	0.50	0.84	0.26	0.53	55.05	ppb
Molybdenum	96-1	0.41	0.79	0.22	0.47	62.06	ppb
Molybdenum	97-1	0.46	0.98	0.29	0.58	61.80	ppb
Molybdenum	98-1	0.41	0.88	0.30	0.53	57.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.04	0.02	0.02	103.85	ppb
Phosphorus	31-2	-3.89	-14.92	-6.38	-8.40		ppb
Potassium	39-2	7.64	13.01	0.52	7.06	88.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.08	0.13	0.20	0.13	45.07	ppb
Selenium	77-2	0.00	0.89	0.00	0.30	173.21	ppb
Selenium	78-2	-0.59	-0.39	0.27	-0.24		ppb
Silicon	28-1	-0.46	-0.11	-0.55	-0.37		ppb
Silver	107-1	0.11	0.09	0.11	0.10	12.71	ppb
Silver	109-1	0.09	0.08	0.07	0.08	16.71	ppb
Sodium	23-2	12.63	15.76	14.62	14.34	11.05	ppb
Strontium	86-1	0.64	1.43	0.25	0.77	77.99	ppb
Strontium	88-1	0.77	1.51	0.32	0.87	69.30	ppb
Sulfur	34-1	-438.62	-499.29	-484.64	-474.18		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.17	0.06	0.11	46.19	ppb
Thallium	205-1	0.11	0.16	0.07	0.11	41.93	ppb
Tin	118-1	0.02	0.12	-0.01	0.04	158.59	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.26	0.75	0.07	0.36	97.49	ppb
Uranium	238-1	0.05	0.11	0.02	0.06	70.62	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	234.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.14	0.05	0.10	0.10	48.77	ppb
Zirconium	90-1	0.05	0.13	0.03	0.07	73.26	ppb
Zirconium	91-1	0.07	0.13	0.04	0.08	57.94	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.99	70.97	71.57	70.84	1.12	ppb
Antimony	121-1	2.16	2.08	1.57	1.94	16.76	ppb
Arsenic	75-2	1.82	1.88	1.97	1.89	4.05	ppb
Barium	135-1	2.16	2.77	2.08	2.33	16.25	ppb
Barium	137-1	2.52	2.45	2.35	2.44	3.33	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	19.73	ppb
Bismuth	209-1				120		%
Bismuth	209-2				114		%
Boron	10-1	18.95	18.78	16.79	18.17	6.60	ppb
Boron	11-1	19.29	18.98	16.56	18.28	8.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.08	-0.02	0.06	127.29	ppb
Cadmium	106-1	2.11	1.58	-0.28	1.14	110.40	ppb
Cadmium	108-1	1.24	1.35	0.66	1.08	34.34	ppb
Calcium	43-1	663.54	704.65	649.56	672.58	4.26	ppb
Calcium	44-1	1065.06	1138.54	1029.77	1077.79	5.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.49	3.81	3.76	3.69	4.64	ppb
Cobalt	59-2	0.17	0.14	0.18	0.16	13.27	ppb
Copper	63-2	1.79	1.74	1.71	1.75	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	26786.42	26733.71	26673.59	26731.24	0.21	ppb
Iron	56-2	26623.72	26740.66	26251.72	26538.70	0.96	ppb
Iron	57-2	25653.96	25403.62	25191.45	25416.34	0.91	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.76	0.66	0.72	7.08	ppb
Lead	207-1	0.71	0.74	0.68	0.71	3.68	ppb
Lead	208-1	0.70	0.72	0.69	0.70	2.66	ppb
Lithium	6-1				119		%
Magnesium	24-2	145.31	142.07	144.83	144.07	1.22	ppb
Manganese	55-2	692.48	696.68	689.86	693.01	0.50	ppb
Molybdenum	94-1	0.58	0.77	1.53	0.96	52.13	ppb
Molybdenum	95-1	0.41	0.44	0.43	0.43	4.24	ppb
Molybdenum	96-1	0.81	0.87	1.04	0.91	13.39	ppb
Molybdenum	97-1	0.37	0.41	0.36	0.38	6.32	ppb
Molybdenum	98-1	0.38	0.37	0.32	0.36	9.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.06	0.98	1.03	4.03	ppb
Phosphorus	31-2	156.44	162.06	151.59	156.70	3.35	ppb
Potassium	39-2	15475.70	15130.34	15221.76	15275.93	1.17	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	2.95	4.59	4.20	3.92	21.91	ppb
Selenium	77-2	10.57	5.75	7.32	7.88	31.22	ppb
Selenium	78-2	4.79	5.75	5.23	5.26	9.14	ppb
Silicon	28-1	105.87	117.46	105.41	109.58	6.23	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.27	ppb
Silver	109-1	0.09	0.10	0.09	0.09	5.94	ppb
Sodium	23-2	25603.46	25979.53	25497.14	25693.38	0.99	ppb
Strontium	86-1	1.98	2.09	2.00	2.02	2.77	ppb
Strontium	88-1	2.05	2.12	1.99	2.05	3.08	ppb
Sulfur	34-1	217.47	467.58	-280.94	134.70	282.89	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.04	0.05	0.04	17.08	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.33	ppb
Tin	118-1	0.56	0.68	0.61	0.62	9.59	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.37	0.39	0.35	19.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	0.10	0.11	0.11	7.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	65.90	65.65	66.03	65.86	0.30	ppb
Zirconium	90-1	0.11	0.27	0.73	0.37	87.30	ppb
Zirconium	91-1	0.09	0.28	0.80	0.39	94.11	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	196.34	197.86	199.11	197.77	0.70	ppb
Antimony	121-1	0.31	0.34	0.30	0.31	7.02	ppb
Arsenic	75-2	3.06	3.43	3.43	3.31	6.43	ppb
Barium	135-1	16.21	17.68	16.61	16.83	4.51	ppb
Barium	137-1	16.38	17.60	16.79	16.92	3.66	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	5.34	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	7.32	6.79	6.93	7.01	3.87	ppb
Boron	11-1	7.37	7.00	7.25	7.21	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.34	0.07	0.18	77.79	ppb
Cadmium	106-1	1.91	4.15	0.96	2.34	69.88	ppb
Cadmium	108-1	0.81	0.54	0.56	0.64	23.98	ppb
Calcium	43-1	11374.29	11377.77	11275.39	11342.48	0.51	ppb
Calcium	44-1	11759.56	11285.33	11489.90	11511.60	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.45	4.27	4.25	4.33	2.47	ppb
Cobalt	59-2	1.35	1.29	1.30	1.31	2.46	ppb
Copper	63-2	2.66	2.57	2.72	2.65	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	54-2	78336.91	75504.82	75754.38	76532.04	2.05	ppb
Iron	56-2	78453.48	76276.55	75449.39	76726.47	2.02	ppb
Iron	57-2	80889.71	78233.66	77057.64	78727.01	2.49	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	1.03	1.03	1.02	2.36	ppb
Lead	207-1	0.99	0.96	0.94	0.97	2.65	ppb
Lead	208-1	1.00	0.98	0.98	0.99	0.92	ppb
Lithium	6-1				118		%
Magnesium	24-2	602.14	594.84	585.36	594.11	1.42	ppb
Manganese	55-2	2729.83	2771.73	2689.89	2730.48	1.50	ppb
Molybdenum	94-1	0.81	0.84	0.83	0.83	1.54	ppb
Molybdenum	95-1	0.81	0.72	0.74	0.76	6.12	ppb
Molybdenum	96-1	2.12	1.97	2.07	2.05	3.58	ppb
Molybdenum	97-1	0.74	0.65	0.81	0.73	10.54	ppb
Molybdenum	98-1	0.68	0.66	0.65	0.66	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.04	0.84	0.99	13.81	ppb
Phosphorus	31-2	333.85	318.55	292.56	314.99	6.63	ppb
Potassium	39-2	26186.12	25521.26	25347.53	25684.97	1.72	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	5.13	5.49	5.86	5.49	6.58	ppb
Selenium	77-2	5.81	5.95	4.12	5.29	19.31	ppb
Selenium	78-2	5.64	5.64	6.58	5.95	9.13	ppb
Silicon	28-1	80.79	83.59	87.48	83.95	4.00	ppb
Silver	107-1	0.08	0.07	0.44	0.20	109.77	ppb
Silver	109-1	0.10	0.08	0.06	0.08	26.48	ppb
Sodium	23-2	15407.08	15300.00	15374.32	15360.47	0.36	ppb
Strontium	86-1	23.18	23.88	22.90	23.32	2.16	ppb
Strontium	88-1	23.75	23.09	23.08	23.31	1.65	ppb
Sulfur	34-1	-75.45	-249.38	-43.02	-122.61		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.04	0.04	0.03	18.39	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	12.73	ppb
Tin	118-1	0.21	0.24	0.24	0.23	8.08	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.35	0.44	0.47	29.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.56	ppb
Vanadium	51-2	0.13	0.12	0.09	0.12	17.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	185.95	185.54	187.42	186.30	0.53	ppb
Zirconium	90-1	0.06	0.07	0.11	0.08	38.86	ppb
Zirconium	91-1	0.03	0.07	0.10	0.07	52.76	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.23	24.28	23.54	24.35	3.50	ppb
Antimony	121-1	0.22	0.18	0.24	0.21	14.32	ppb
Arsenic	75-2	2.75	3.18	3.26	3.06	8.88	ppb
Barium	135-1	2.72	2.74	2.42	2.63	6.77	ppb
Barium	137-1	2.41	2.70	2.44	2.52	6.31	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	8.36	ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Boron	10-1	6.41	6.05	5.83	6.10	4.80	ppb
Boron	11-1	6.42	6.44	5.83	6.23	5.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.11	0.13	0.10	40.36	ppb
Cadmium	106-1	0.75	1.14	1.42	1.10	30.81	ppb
Cadmium	108-1	0.60	0.22	0.29	0.37	54.03	ppb
Calcium	43-1	1000.72	996.92	938.80	978.81	3.55	ppb
Calcium	44-1	1236.53	1241.51	1174.95	1217.66	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.36	1.27	1.24	1.29	4.75	ppb
Cobalt	59-2	0.02	0.03	0.02	0.03	17.65	ppb
Copper	63-2	0.32	0.26	0.31	0.29	11.37	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				108		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	54-2	17436.49	16965.43	16759.68	17053.87	2.03	ppb
Iron	56-2	18150.46	17652.08	17118.99	17640.51	2.92	ppb
Iron	57-2	16861.29	16732.21	16602.13	16731.88	0.77	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.12	0.11	10.94	ppb
Lead	207-1	0.09	0.07	0.09	0.08	11.91	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.80	ppb
Lithium	6-1				116		%
Magnesium	24-2	301.07	294.57	299.36	298.33	1.13	ppb
Manganese	55-2	828.75	810.95	796.04	811.91	2.02	ppb
Molybdenum	94-1	0.17	0.12	0.16	0.15	14.76	ppb
Molybdenum	95-1	0.10	0.12	0.10	0.11	13.55	ppb
Molybdenum	96-1	0.39	0.39	0.38	0.39	1.62	ppb
Molybdenum	97-1	0.06	0.09	0.08	0.08	15.77	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.16	0.16	0.17	11.68	ppb
Phosphorus	31-2	-5.83	4.38	7.66	2.07	339.53	ppb
Potassium	39-2	629.67	626.49	618.07	624.74	0.96	ppb
Rhodium	103-1				116		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	4.95	5.29	5.79	5.34	7.93	ppb
Selenium	77-2	10.89	4.12	3.34	6.12	67.97	ppb
Selenium	78-2	6.99	5.04	8.58	6.87	25.78	ppb
Silicon	28-1	69.94	75.62	70.19	71.91	4.46	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.41	ppb
Silver	109-1	0.09	0.07	0.06	0.07	24.01	ppb
Sodium	23-2	2621.79	2487.73	2484.95	2531.49	3.09	ppb
Strontium	86-1	3.11	2.86	2.99	2.99	4.20	ppb
Strontium	88-1	3.14	2.95	2.93	3.00	3.83	ppb
Sulfur	34-1	-150.48	-49.97	-379.93	-193.46		ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.03	0.02	0.03	32.49	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.12	ppb
Tin	118-1	0.13	0.12	0.12	0.12	7.03	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.01	0.06	0.01	725.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	15.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	4.32	4.20	4.39	4.31	2.21	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	15.51	ppb
Zirconium	91-1	0.02	0.02	0.06	0.03	68.37	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51184.08	50826.55	49112.98	50374.54	2.20	ppb
Antimony	121-1	490.20	508.44	491.47	496.70	2.05	ppb
Arsenic	75-2	493.56	489.60	481.52	488.23	1.26	ppb
Barium	135-1	2548.43	2630.15	2544.73	2574.44	1.88	ppb
Barium	137-1	2516.14	2540.02	2457.99	2504.72	1.68	ppb
Beryllium	9-1	506.64	506.28	509.67	507.53	0.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	551.75	569.95	591.74	571.15	3.51	ppb
Boron	11-1	522.68	515.90	531.66	523.41	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	464.83	477.13	474.29	472.08	1.36	ppb
Cadmium	106-1	485.63	483.10	498.40	489.04	1.68	ppb
Cadmium	108-1	472.99	482.15	476.01	477.05	0.98	ppb
Calcium	43-1	245713.77	240346.03	241428.58	242496.13	1.17	ppb
Calcium	44-1	245650.13	241275.58	242704.37	243210.03	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.52	488.28	487.36	491.05	1.14	ppb
Cobalt	59-2	484.12	478.41	472.54	478.36	1.21	ppb
Copper	63-2	4962.38	4913.85	4871.65	4915.96	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	128647.23	122769.83	123254.66	124890.57	2.61	ppb
Iron	56-2	131898.75	125023.37	126854.13	127925.42	2.78	ppb
Iron	57-2	126333.37	123560.61	124306.15	124733.38	1.15	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2555.20	2640.55	2510.55	2568.77	2.57	ppb
Lead	207-1	2590.66	2551.72	2505.60	2549.33	1.67	ppb
Lead	208-1	2571.91	2578.95	2483.62	2544.83	2.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	260295.12	257564.50	253731.26	257196.96	1.28	ppb
Manganese	55-2	5120.24	4963.78	4908.27	4997.43	2.20	ppb
Molybdenum	94-1	4987.76	4963.75	5060.21	5003.91	1.00	ppb
Molybdenum	95-1	4987.03	4850.50	5031.62	4956.38	1.90	ppb
Molybdenum	96-1	4977.35	4859.76	4981.95	4939.69	1.40	ppb
Molybdenum	97-1	5016.85	4819.67	5027.07	4954.53	2.36	ppb
Molybdenum	98-1	4930.96	4850.54	4966.00	4915.83	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.99	483.73	477.81	485.51	1.80	ppb
Phosphorus	31-2	10257.34	10118.81	9977.76	10117.97	1.38	ppb
Potassium	39-2	127100.81	122470.35	124172.19	124581.12	1.88	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	466.40	463.36	468.20	465.99	0.52	ppb
Selenium	77-2	465.71	489.19	449.46	468.12	4.27	ppb
Selenium	78-2	486.77	479.59	482.47	482.94	0.75	ppb
Silicon	28-1	543.76	532.13	550.31	542.07	1.70	ppb
Silver	107-1	521.21	517.08	509.50	515.93	1.15	ppb
Silver	109-1	516.96	524.39	507.10	516.15	1.68	ppb
Sodium	23-2	254945.55	259850.49	253540.23	256112.09	1.29	ppb
Strontium	86-1	12557.77	12409.29	12558.90	12508.65	0.69	ppb
Strontium	88-1	12462.66	12430.28	12361.55	12418.17	0.42	ppb
Sulfur	34-1	9811.00	9431.59	9934.26	9725.62	2.69	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	537.43	545.43	504.73	529.20	4.07	ppb
Thallium	205-1	518.11	542.08	500.61	520.26	4.00	ppb
Tin	118-1	501.05	517.64	502.00	506.90	1.84	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4998.47	5135.18	5068.14	5067.26	1.35	ppb
Uranium	238-1	524.02	529.57	508.19	520.60	2.13	ppb
Vanadium	51-2	523.55	505.12	504.25	510.98	2.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	4819.13	4726.21	4686.30	4743.88	1.44	ppb
Zirconium	90-1	505.86	486.58	499.67	497.37	1.98	ppb
Zirconium	91-1	486.28	485.91	500.55	490.91	1.70	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	-0.56	-0.08	-0.31		ppb
Antimony	121-1	0.02	0.02	0.04	0.02	47.00	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	90.73	ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	23.78	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	15.80	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	5.03	5.28	4.80	5.04	4.83	ppb
Boron	11-1	5.14	5.17	4.86	5.06	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.14	-0.06	-0.12		ppb
Cadmium	106-1	-1.52	-1.22	-0.26	-1.00		ppb
Cadmium	108-1	0.84	1.05	1.06	0.99	12.52	ppb
Calcium	43-1	-2.11	-1.85	-0.98	-1.65		ppb
Calcium	44-1	-2.72	-2.11	-2.31	-2.38		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.08	-0.08	-0.06		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.05	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	0.35	-0.60	1.42	0.39	259.00	ppb
Iron	56-2	-0.27	-0.12	-0.40	-0.26		ppb
Iron	57-2	-0.88	-1.34	-1.93	-1.38		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.01	0.05	0.04	69.78	ppb
Lead	207-1	0.04	0.04	0.01	0.03	54.76	ppb
Lead	208-1	0.05	0.02	0.02	0.03	46.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	-3.80	-4.76	-3.43	-4.00		ppb
Manganese	55-2	0.03	0.01	0.00	0.01	130.19	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	33.19	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	11.92	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.00	0.02	0.02	108.59	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	41.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.02	0.02	79.97	ppb
Phosphorus	31-2	-23.79	8.00	-17.99	-11.26		ppb
Potassium	39-2	9.93	17.45	10.41	12.59	33.41	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.13	-0.14	-0.16	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	0.46	-0.62	0.07	893.22	ppb
Silicon	28-1	-0.56	-0.57	-0.34	-0.49		ppb
Silver	107-1	0.04	0.04	0.03	0.04	17.33	ppb
Silver	109-1	0.06	0.03	0.04	0.04	25.75	ppb
Sodium	23-2	10.20	13.66	12.30	12.05	14.44	ppb
Strontium	86-1	-0.05	-0.05	-0.06	-0.06		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	245.05	ppb
Sulfur	34-1	-403.34	-271.76	-322.36	-332.49		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	42.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.78	ppb
Tin	118-1	-0.05	-0.03	-0.03	-0.04		ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.11	-0.10	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	102.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	-0.07	-0.08	-0.01	-0.05		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	9349.07	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	188.98	ppb

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62	66	60	63	5.00	cps
Antimony	121-1	17	25	8	17	50.01	cps
Arsenic	75-2	1	0	1	1	86.60	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	8	0	17	8	100.02	cps
Beryllium	9-1	34	19	33	28	29.37	cps
Bismuth	209-1	5079644	5059748	5037662	5059018	0.42	cps
Bismuth	209-2	2863749	2891325	2919690	2891588	0.97	cps
Boron	10-1	382	348	348	359	5.46	cps
Boron	11-1	1542	1484	1578	1534	3.09	cps
Bromine	81-1	48594	50474	52000	50356	3.39	cps
Cadmium	111-1	2412	2708	2271	2464	9.06	cps
Cadmium	106-1	3459	3867	3259	3528	8.79	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	139	131	121	130	6.73	cps
Calcium	44-1	7479	7209	7349	7345	1.84	cps
Carbon	12-1	4450524	4636148	4739161	4608611	3.17	cps
Carbon	12-2	58425	58600	57538	58188	0.98	cps
Chlorine	35-1	212491	214107	211545	212714	0.61	cps
Chlorine	35-2	1792	1417	1483	1564	12.79	cps
Chromium	52-2	567	497	537	533	6.59	cps
Cobalt	59-2	37	63	67	56	29.59	cps
Copper	63-2	693	563	560	606	12.56	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	23	27	43	31	34.44	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	120	97	140	119	18.24	cps
Holmium	165-1	7962236	7960392	7948707	7957112	0.09	cps
Holmium	165-2	3853769	3875436	3871261	3866822	0.30	cps
Indium	115-1	6415006	6623422	6344846	6461091	2.24	cps
Indium	115-2	1076908	1075757	1074251	1075639	0.12	cps
Iron	54-2	500	472	550	507	7.77	cps
Iron	56-2	3200	2973	2961	3045	4.43	cps
Iron	57-2	167	194	172	178	8.27	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	292	302	299	298	1.70	cps
Lead	206-1	294	472	522	430	27.87	cps
Lead	207-1	444	461	333	413	16.82	cps
Lead	208-1	1828	1867	1967	1887	3.80	cps
Lithium	6-1	3549899	3634724	3629841	3604821	1.32	cps
Magnesium	24-2	1650	1250	1408	1436	14.03	cps
Manganese	55-2	27	30	40	32	21.53	cps
Molybdenum	94-1	150	75	92	106	37.31	cps
Molybdenum	95-1	8	8	8	8	0.00	cps
Molybdenum	96-1	158	142	167	156	8.18	cps
Molybdenum	97-1	25	33	8	22	57.30	cps
Molybdenum	98-1	75	17	50	47	61.97	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20	10	27	19	44.42	cps
Phosphorus	31-2	33	108	67	69	54.12	cps
Potassium	39-2	17786	17428	16994	17403	2.28	cps
Rhodium	103-1	6109241	6261519	6116891	6162550	1.39	cps
Rhodium	103-2	2893056	2896119	2981025	2923400	1.71	cps
Scandium	45-1	4625391	4549773	4603118	4592761	0.85	cps
Scandium	45-2	149490	150422	153667	151193	1.45	cps
Selenium	82-1	13	21	6	13	56.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	49	41	52	47	12.02	cps
Silicon	28-1	822429	831519	820696	824881	0.70	cps
Silver	107-1	125	142	142	136	7.07	cps
Silver	109-1	8	75	58	47	73.48	cps
Sodium	23-2	11038	10312	10437	10596	3.66	cps
Strontium	86-1	442	700	508	550	24.38	cps
Strontium	88-1	158	175	225	186	18.64	cps
Sulfur	34-1	296013	295691	296020	295908	0.06	cps
Terbium	159-1	8201696	8066844	8120571	8129704	0.84	cps
Terbium	159-2	3709331	3767325	3728893	3735183	0.79	cps
Thallium	203-1	158	108	117	128	20.96	cps
Thallium	205-1	358	283	242	294	20.08	cps
Tin	118-1	442	500	517	486	8.10	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:20:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	225	150	211	26.28	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Ytterbium	172-1	75	75	75	75	0.00	cps
Ytterbium	172-2	33	28	44	35	24.12	cps
Ytterbium	176-1	1142	1158	1233	1178	4.15	cps
Ytterbium	176-2	7630	8831	8736	8399	7.95	cps
Yttrium	89-1	9651027	9543957	9762011	9652332	1.13	cps
Yttrium	89-2	1125050	1143109	1142686	1136948	0.91	cps
Zinc	66-2	207	213	160	193	15.03	cps
Zirconium	90-1	408	333	383	375	10.18	cps
Zirconium	91-1	42	67	83	64	32.83	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1141	1070	1112	3.36	cps
Antimony	121-1	9570	9445	9554	9523	0.71	cps
Arsenic	75-2	151	157	149	152	2.73	cps
Barium	135-1	11430	12056	11905	11797	2.77	cps
Barium	137-1	21275	21142	20842	21086	1.05	cps
Beryllium	9-1	2847	2810	2774	2810	1.31	cps
Bismuth	209-1	5077103	5042510	5011746	5043786	0.65	cps
Bismuth	209-2	2842767	2806468	2758215	2802483	1.51	cps
Boron	10-1	8907	9115	9003	9008	1.16	cps
Boron	11-1	37090	39000	38585	38225	2.63	cps
Bromine	81-1	50705	50514	50895	50705	0.38	cps
Cadmium	111-1	4181	3916	4023	4040	3.29	cps
Cadmium	106-1	3817	3576	3901	3765	4.49	cps
Cadmium	108-1	125	142	129	132	6.57	cps
Calcium	43-1	9795	9631	9541	9655	1.33	cps
Calcium	44-1	162957	164801	162124	163294	0.84	cps
Carbon	12-1	4182524	4304498	4257376	4248132	1.45	cps
Carbon	12-2	52586	52193	51432	52071	1.13	cps
Chlorine	35-1	211598	210819	212949	211789	0.51	cps
Chlorine	35-2	1750	1533	1550	1611	7.48	cps
Chromium	52-2	3277	3354	3264	3298	1.47	cps
Cobalt	59-2	2577	2617	2567	2587	1.02	cps
Copper	63-2	4774	4974	4734	4828	2.66	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	20	30	17	22	31.22	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	133	120	143	132	8.86	cps
Holmium	165-1	8047973	7998105	7819940	7955339	1.51	cps
Holmium	165-2	3773159	3786495	3680579	3746744	1.54	cps
Indium	115-1	6369796	6501084	6316068	6395649	1.49	cps
Indium	115-2	1074878	1068169	1036551	1059866	1.93	cps
Iron	54-2	4201	3728	3901	3943	6.06	cps
Iron	56-2	62509	63921	63508	63313	1.15	cps
Iron	57-2	1495	1606	1717	1606	6.92	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	281	284	292	286	2.07	cps
Lead	206-1	4540	4551	4323	4471	2.87	cps
Lead	207-1	3990	4245	4001	4078	3.54	cps
Lead	208-1	18322	18739	18344	18468	1.27	cps
Lithium	6-1	3658084	3590350	3688007	3645480	1.37	cps
Magnesium	24-2	70655	68637	69793	69695	1.45	cps
Manganese	55-2	917	827	840	861	5.64	cps
Molybdenum	94-1	10679	11455	11005	11046	3.53	cps
Molybdenum	95-1	14291	14358	13465	14038	3.54	cps
Molybdenum	96-1	15325	15818	14817	15320	3.27	cps
Molybdenum	97-1	8428	9287	8870	8861	4.85	cps
Molybdenum	98-1	21275	21684	21609	21523	1.01	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	873	827	683	794	12.46	cps
Phosphorus	31-2	167	133	92	131	28.78	cps
Potassium	39-2	62821	62737	62435	62664	0.32	cps
Rhodium	103-1	6115505	6026280	6103165	6081650	0.79	cps
Rhodium	103-2	2931755	2742304	2739784	2804614	3.93	cps
Scandium	45-1	4680337	4478153	4683888	4614126	2.55	cps
Scandium	45-2	150762	148133	148048	148981	1.04	cps
Selenium	82-1	696	665	614	658	6.33	cps
Selenium	77-2	30	20	17	22	31.22	cps
Selenium	78-2	102	99	109	103	4.97	cps
Silicon	28-1	875359	888177	842390	868642	2.72	cps
Silver	107-1	7686	7536	7877	7700	2.23	cps
Silver	109-1	7527	7302	7419	7416	1.52	cps
Sodium	23-2	131196	130674	131296	131056	0.25	cps
Strontium	86-1	2409	2117	2275	2267	6.44	cps
Strontium	88-1	16176	16694	14750	15873	6.34	cps
Sulfur	34-1	293044	297161	298376	296194	0.94	cps
Terbium	159-1	8098087	8103037	8105630	8102251	0.05	cps
Terbium	159-2	3658326	3649731	3697469	3668509	0.69	cps
Thallium	203-1	5526	5326	5084	5312	4.16	cps
Thallium	205-1	11972	12198	12206	12125	1.09	cps
Tin	118-1	22853	22870	22402	22708	1.17	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:23:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4292	4409	4492	4398	2.28	cps
Uranium	238-1	16670	16636	15910	16405	2.62	cps
Vanadium	51-2	5921	5604	5324	5617	5.32	cps
Ytterbium	172-1	42	25	33	33	25.01	cps
Ytterbium	172-2	22	50	28	33	44.10	cps
Ytterbium	176-1	1433	1267	1350	1350	6.17	cps
Ytterbium	176-2	8303	8720	8625	8549	2.56	cps
Yttrium	89-1	9587558	9723180	9542444	9617727	0.98	cps
Yttrium	89-2	1141045	1115768	1091793	1116202	2.21	cps
Zinc	66-2	783	697	683	721	7.53	cps
Zirconium	90-1	9078	9086	9812	9326	4.52	cps
Zirconium	91-1	2059	2067	2175	2100	3.10	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52589	52471	51271	52110	1.40	cps
Antimony	121-1	229020	228974	228856	228950	0.04	cps
Arsenic	75-2	7343	7198	7000	7180	2.39	cps
Barium	135-1	311915	297233	304104	304417	2.41	cps
Barium	137-1	540816	549575	533988	541460	1.44	cps
Beryllium	9-1	129793	129548	128065	129135	0.72	cps
Bismuth	209-1	5043057	5177367	5036978	5085801	1.56	cps
Bismuth	209-2	2831856	2799392	2814628	2815292	0.58	cps
Boron	10-1	47756	51301	51558	50205	4.23	cps
Boron	11-1	208333	211173	214334	211280	1.42	cps
Bromine	81-1	48534	48695	48715	48648	0.20	cps
Cadmium	111-1	77941	76420	76672	77011	1.06	cps
Cadmium	106-1	11413	12064	12031	11836	3.10	cps
Cadmium	108-1	5672	5935	6081	5896	3.51	cps
Calcium	43-1	109368	108108	108339	108605	0.62	cps
Calcium	44-1	1668271	1714491	1705298	1696020	1.44	cps
Carbon	12-1	4263606	4270383	4362373	4298787	1.28	cps
Carbon	12-2	51934	53665	51775	52458	2.00	cps
Chlorine	35-1	208501	208172	207749	208140	0.18	cps
Chlorine	35-2	1542	1358	1392	1431	6.83	cps
Chromium	52-2	71534	69270	70067	70291	1.63	cps
Cobalt	59-2	131452	130687	126070	129403	2.25	cps
Copper	63-2	1018618	1004976	998504	1007366	1.02	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	13	20	0	11	91.66	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	75	42	83	67	33.07	cps
Gadolinium	160-2	123	153	143	140	10.91	cps
Holmium	165-1	7982766	8141849	8057578	8060731	0.99	cps
Holmium	165-2	3789358	3929595	3843369	3854107	1.84	cps
Indium	115-1	6485437	6336193	6333118	6384916	1.36	cps
Indium	115-2	1066524	1065750	1061390	1064555	0.26	cps
Iron	54-2	172003	169375	169792	170390	0.83	cps
Iron	56-2	3222206	3153536	3089485	3155076	2.10	cps
Iron	57-2	77209	77252	76253	76905	0.73	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	317	317	317	317	0.00	cps
Lead	206-1	1062822	1059559	1068645	1063675	0.43	cps
Lead	207-1	956450	968751	931130	952111	2.01	cps
Lead	208-1	4448059	4488145	4410766	4448990	0.87	cps
Lithium	6-1	3711347	3824039	3733612	3756332	1.59	cps
Magnesium	24-2	697637	681862	675600	685033	1.66	cps
Manganese	55-2	403426	397630	387274	396110	2.07	cps
Molybdenum	94-1	946740	958789	945391	950307	0.78	cps
Molybdenum	95-1	1364290	1391686	1338059	1364678	1.96	cps
Molybdenum	96-1	1532501	1532610	1492307	1519139	1.53	cps
Molybdenum	97-1	853967	848246	839967	847393	0.83	cps
Molybdenum	98-1	2174192	2239633	2178204	2197343	1.67	cps
Neodymium	150-1	33	47	40	40	16.68	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	35752	34552	34154	34819	2.39	cps
Phosphorus	31-2	2900	3167	3009	3025	4.43	cps
Potassium	39-2	247746	248559	246297	247534	0.46	cps
Rhodium	103-1	6057329	6088856	6200947	6115710	1.23	cps
Rhodium	103-2	2861604	2855145	2837992	2851580	0.43	cps
Scandium	45-1	4573140	4669643	4646682	4629822	1.09	cps
Scandium	45-2	149388	150637	149494	149840	0.46	cps
Selenium	82-1	6207	6177	6056	6147	1.30	cps
Selenium	77-2	200	170	187	186	8.10	cps
Selenium	78-2	717	673	676	689	3.57	cps
Silicon	28-1	4346509	4304588	4214894	4288664	1.57	cps
Silver	107-1	376528	376429	364864	372607	1.80	cps
Silver	109-1	361092	364741	354663	360165	1.42	cps
Sodium	23-2	1228704	1252072	1215480	1232085	1.50	cps
Strontium	86-1	2287365	2276782	2244864	2269670	0.97	cps
Strontium	88-1	19092269	19461756	18599077	19051034	2.27	cps
Sulfur	34-1	336526	330976	330076	332526	1.05	cps
Terbium	159-1	8260336	8171958	8137072	8189789	0.78	cps
Terbium	159-2	3781340	3758383	3732014	3757245	0.66	cps
Thallium	203-1	251757	257210	250200	253056	1.45	cps
Thallium	205-1	621804	614618	613356	616593	0.74	cps
Tin	118-1	225533	221629	222523	223228	0.92	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:29:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	448775	455395	432958	445709	2.59	cps
Uranium	238-1	839489	852004	839957	843817	0.84	cps
Vanadium	51-2	56762	55962	55306	56010	1.30	cps
Ytterbium	172-1	108	42	75	75	44.44	cps
Ytterbium	172-2	22	56	44	41	41.67	cps
Ytterbium	176-1	2084	2300	2325	2236	5.94	cps
Ytterbium	176-2	8664	9303	8920	8962	3.59	cps
Yttrium	89-1	9509434	9871877	9500142	9627151	2.20	cps
Yttrium	89-2	1117778	1134557	1120524	1124286	0.80	cps
Zinc	66-2	128388	127411	122767	126189	2.38	cps
Zirconium	90-1	481767	497703	472319	483930	2.65	cps
Zirconium	91-1	106977	107875	104618	106490	1.58	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130115	127902	127068	128362	1.23	cps
Antimony	121-1	582836	575784	565154	574592	1.55	cps
Arsenic	75-2	18080	17683	17630	17798	1.38	cps
Barium	135-1	778690	773804	772917	775137	0.40	cps
Barium	137-1	1351433	1368072	1336923	1352142	1.15	cps
Beryllium	9-1	324846	321059	317023	320976	1.22	cps
Bismuth	209-1	5106968	5189036	5147054	5147686	0.80	cps
Bismuth	209-2	2726814	2847231	2809661	2794569	2.20	cps
Boron	10-1	125608	126587	129493	127229	1.59	cps
Boron	11-1	518491	528547	543202	530080	2.34	cps
Bromine	81-1	47891	47340	47711	47647	0.59	cps
Cadmium	111-1	188242	185817	187219	187093	0.65	cps
Cadmium	106-1	23270	24439	23446	23718	2.66	cps
Cadmium	108-1	15050	14445	14637	14711	2.10	cps
Calcium	43-1	273576	266932	266731	269080	1.45	cps
Calcium	44-1	4146807	4105065	4108238	4120037	0.56	cps
Carbon	12-1	4247899	4354385	4401499	4334594	1.82	cps
Carbon	12-2	53272	52787	52637	52898	0.63	cps
Chlorine	35-1	205510	202720	203143	203791	0.74	cps
Chlorine	35-2	1350	1642	1433	1475	10.19	cps
Chromium	52-2	174886	173277	169975	172713	1.45	cps
Cobalt	59-2	321733	315822	313689	317081	1.31	cps
Copper	63-2	2578622	2511100	2466393	2518705	2.24	cps
Dysprosium	156-1	67	42	67	58	24.74	cps
Dysprosium	156-2	33	17	20	23	37.78	cps
Erbium	164-1	92	75	58	75	22.23	cps
Erbium	164-2	30	20	53	34	49.66	cps
Gadolinium	160-1	117	67	67	83	34.64	cps
Gadolinium	160-2	140	150	157	149	5.64	cps
Holmium	165-1	8172960	7932970	8057777	8054569	1.49	cps
Holmium	165-2	3828998	3856502	3912471	3865991	1.10	cps
Indium	115-1	6396047	6249873	6279728	6308549	1.22	cps
Indium	115-2	1049219	1058693	1041830	1049914	0.81	cps
Iron	54-2	428437	420456	411022	419972	2.08	cps
Iron	56-2	7827667	7569516	7574618	7657267	1.93	cps
Iron	57-2	192138	189180	185138	188818	1.86	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	306	246	283	11.36	cps
Lead	206-1	2925914	2877312	2789338	2864188	2.42	cps
Lead	207-1	2551428	2562001	2458863	2524097	2.25	cps
Lead	208-1	11607435	11550971	11173230	11443879	2.06	cps
Lithium	6-1	3658783	3778966	3755626	3731125	1.71	cps
Magnesium	24-2	1754914	1728393	1700061	1727789	1.59	cps
Manganese	55-2	985943	962938	959537	969473	1.48	cps
Molybdenum	94-1	2382940	2350650	2361482	2365024	0.69	cps
Molybdenum	95-1	3517235	3360656	3421199	3433030	2.30	cps
Molybdenum	96-1	3843299	3735826	3732699	3770608	1.67	cps
Molybdenum	97-1	2128806	2128652	2108469	2121976	0.55	cps
Molybdenum	98-1	5376407	5403437	5482221	5420689	1.01	cps
Neodymium	150-1	87	113	140	113	23.53	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	86964	85344	83527	85278	2.02	cps
Phosphorus	31-2	7127	7577	6743	7149	5.84	cps
Potassium	39-2	583288	576125	576448	578621	0.70	cps
Rhodium	103-1	5974523	6257959	5968190	6066891	2.73	cps
Rhodium	103-2	2785484	2777485	2770379	2777783	0.27	cps
Scandium	45-1	4584705	4511767	4598712	4565061	1.02	cps
Scandium	45-2	146458	145755	147135	146449	0.47	cps
Selenium	82-1	15164	14700	15109	14991	1.69	cps
Selenium	77-2	403	387	490	427	13.00	cps
Selenium	78-2	1607	1656	1644	1636	1.56	cps
Silicon	28-1	9286167	9399878	9252035	9312694	0.83	cps
Silver	107-1	929264	918753	910617	919545	1.02	cps
Silver	109-1	897914	867769	887339	884341	1.73	cps
Sodium	23-2	3044052	3033198	2963574	3013608	1.45	cps
Strontium	86-1	5571812	5688218	5510837	5590289	1.61	cps
Strontium	88-1	47497757	47688713	47535673	47574048	0.21	cps
Sulfur	34-1	386836	382524	384636	384665	0.56	cps
Terbium	159-1	8086427	8116310	8147824	8116854	0.38	cps
Terbium	159-2	3724185	3769295	3766704	3753395	0.67	cps
Thallium	203-1	631071	625055	639364	631830	1.14	cps
Thallium	205-1	1537982	1530901	1486226	1518370	1.85	cps
Tin	118-1	558590	556027	544866	553161	1.32	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:32:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1110533	1105611	1094606	1103584	0.74	cps
Uranium	238-1	2240616	2253100	2182101	2225272	1.70	cps
Vanadium	51-2	139331	138822	136740	138298	0.99	cps
Ytterbium	172-1	83	83	117	94	20.37	cps
Ytterbium	172-2	22	22	39	28	34.65	cps
Ytterbium	176-1	4459	4142	3917	4173	6.52	cps
Ytterbium	176-2	9003	9820	10060	9628	5.75	cps
Yttrium	89-1	9471869	9712604	9780366	9654947	1.68	cps
Yttrium	89-2	1101830	1098070	1102540	1100813	0.22	cps
Zinc	66-2	317371	313822	308870	313354	1.36	cps
Zirconium	90-1	1234744	1192532	1223038	1216771	1.79	cps
Zirconium	91-1	267653	267156	275049	269953	1.64	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255060	250257	250021	251779	1.13	cps
Antimony	121-1	1161789	1146531	1162042	1156787	0.77	cps
Arsenic	75-2	34766	34707	34889	34787	0.27	cps
Barium	135-1	1576640	1570680	1583893	1577071	0.42	cps
Barium	137-1	2759447	2784515	2727451	2757138	1.04	cps
Beryllium	9-1	635981	637736	627278	633665	0.88	cps
Bismuth	209-1	5150650	5217121	5204085	5190618	0.68	cps
Bismuth	209-2	2799766	2806251	2844550	2816856	0.86	cps
Boron	10-1	242878	252149	257877	250968	3.02	cps
Boron	11-1	926239	1002319	964691	964416	3.94	cps
Bromine	81-1	48594	48023	48936	48518	0.95	cps
Cadmium	111-1	368717	375443	365870	370010	1.33	cps
Cadmium	106-1	45367	43879	43904	44384	1.92	cps
Cadmium	108-1	28956	28680	28254	28630	1.23	cps
Calcium	43-1	536906	531628	527982	532172	0.84	cps
Calcium	44-1	8250532	8088878	8040690	8126700	1.35	cps
Carbon	12-1	4349033	4429879	4506472	4428461	1.78	cps
Carbon	12-2	55530	53816	55689	55012	1.89	cps
Chlorine	35-1	196901	199766	198183	198283	0.72	cps
Chlorine	35-2	1617	1667	1417	1567	8.44	cps
Chromium	52-2	341282	340164	329940	337129	1.85	cps
Cobalt	59-2	624132	604884	601682	610232	1.99	cps
Copper	63-2	4945818	4871241	4773573	4863544	1.78	cps
Dysprosium	156-1	50	150	67	89	60.28	cps
Dysprosium	156-2	27	47	70	48	45.39	cps
Erbium	164-1	25	117	83	75	61.86	cps
Erbium	164-2	30	40	40	37	15.75	cps
Gadolinium	160-1	108	108	158	125	23.09	cps
Gadolinium	160-2	150	150	180	160	10.83	cps
Holmium	165-1	8234838	8065373	8179453	8159888	1.06	cps
Holmium	165-2	3841596	3948676	3892873	3894382	1.38	cps
Indium	115-1	6213910	6370697	6379981	6321529	1.48	cps
Indium	115-2	1019227	1034739	1047582	1033849	1.37	cps
Iron	54-2	826968	825346	809629	820648	1.17	cps
Iron	56-2	15149381	15177931	14737396	15021569	1.64	cps
Iron	57-2	371383	365893	363557	366944	1.09	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	324	284	329	312	7.90	cps
Lead	206-1	5674754	5891293	5745874	5770640	1.91	cps
Lead	207-1	5124037	5230137	5024381	5126185	2.01	cps
Lead	208-1	23003849	23609016	23003095	23205320	1.51	cps
Lithium	6-1	3710303	3620273	3784371	3704982	2.22	cps
Magnesium	24-2	3332666	3247957	3187184	3255936	2.24	cps
Manganese	55-2	1946126	1985762	1905431	1945773	2.06	cps
Molybdenum	94-1	4766407	4640732	4691901	4699680	1.34	cps
Molybdenum	95-1	6768113	6735521	6788574	6764069	0.40	cps
Molybdenum	96-1	7519605	7239421	7218993	7326006	2.29	cps
Molybdenum	97-1	4259849	4134236	4157428	4183838	1.60	cps
Molybdenum	98-1	10858889	10884830	10965222	10902980	0.51	cps
Neodymium	150-1	167	180	180	176	4.39	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	169671	164710	164455	166279	1.77	cps
Phosphorus	31-2	14032	14032	13849	13971	0.76	cps
Potassium	39-2	1127367	1107977	1109945	1115096	0.96	cps
Rhodium	103-1	6028026	6044235	6134658	6068973	0.95	cps
Rhodium	103-2	2762310	2723069	2777240	2754206	1.02	cps
Scandium	45-1	4590459	4610669	4564748	4588625	0.50	cps
Scandium	45-2	144331	144208	146697	145079	0.97	cps
Selenium	82-1	30139	29836	29287	29754	1.45	cps
Selenium	77-2	1010	873	827	903	10.55	cps
Selenium	78-2	3117	3049	2950	3038	2.76	cps
Silicon	28-1	17502064	18045513	17533101	17693560	1.72	cps
Silver	107-1	1888861	1902009	1862663	1884511	1.06	cps
Silver	109-1	1785696	1780040	1791241	1785659	0.31	cps
Sodium	23-2	5909459	5709371	5738008	5785613	1.87	cps
Strontium	86-1	11158427	11174930	11027087	11120148	0.73	cps
Strontium	88-1	96506450	97032275	95680352	96406359	0.71	cps
Sulfur	34-1	471457	474959	463774	470063	1.22	cps
Terbium	159-1	8261623	8515224	8471561	8416136	1.61	cps
Terbium	159-2	3703619	3715955	3784223	3734599	1.16	cps
Thallium	203-1	1290457	1278060	1284264	1284260	0.48	cps
Thallium	205-1	3261017	3268604	3174514	3234712	1.62	cps
Tin	118-1	1090758	1100699	1110052	1100503	0.88	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:35:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2176271	2155305	2114101	2148559	1.47	cps
Uranium	238-1	4605179	4509959	4455597	4523578	1.67	cps
Vanadium	51-2	275806	272594	266175	271525	1.81	cps
Ytterbium	172-1	117	100	133	117	14.29	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	6985	6935	6844	6921	1.04	cps
Ytterbium	176-2	10565	10932	11172	10890	2.80	cps
Yttrium	89-1	9590699	9418071	9603758	9537510	1.09	cps
Yttrium	89-2	1093909	1105677	1111744	1103777	0.82	cps
Zinc	66-2	617458	601077	599195	605910	1.66	cps
Zirconium	90-1	2496115	2424514	2418559	2446396	1.76	cps
Zirconium	91-1	544200	535905	538207	539437	0.79	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510192	503164	489627	500994	2.09	cps
Antimony	121-1	2409700	2320147	2312569	2347472	2.30	cps
Arsenic	75-2	71104	70016	69461	70194	1.19	cps
Barium	135-1	3283103	3162341	3206549	3217331	1.90	cps
Barium	137-1	5426109	5442763	5535828	5468233	1.08	cps
Beryllium	9-1	1208064	1257824	1222753	1229547	2.08	cps
Bismuth	209-1	5195602	5158487	4974494	5109528	2.32	cps
Bismuth	209-2	2720605	2680078	2749273	2716652	1.28	cps
Boron	10-1	494795	505288	508126	502737	1.40	cps
Boron	11-1	1852702	2021552	1953866	1942707	4.37	cps
Bromine	81-1	48303	47299	47761	47788	1.05	cps
Cadmium	111-1	728719	727321	736224	730755	0.66	cps
Cadmium	106-1	85440	84333	83871	84548	0.95	cps
Cadmium	108-1	56586	58340	57251	57392	1.54	cps
Calcium	43-1	1063309	1068174	1045453	1058979	1.13	cps
Calcium	44-1	16194058	15994666	15703411	15964045	1.55	cps
Carbon	12-1	4509115	4605198	4713026	4609113	2.21	cps
Carbon	12-2	59580	58718	59362	59220	0.76	cps
Chlorine	35-1	196631	197922	196402	196985	0.42	cps
Chlorine	35-2	1283	1517	1325	1375	9.05	cps
Chromium	52-2	696297	675068	666424	679263	2.26	cps
Cobalt	59-2	1261272	1233670	1215227	1236723	1.87	cps
Copper	63-2	9922285	9721337	9493543	9712389	2.21	cps
Dysprosium	156-1	133	242	242	206	30.43	cps
Dysprosium	156-2	103	147	97	116	23.49	cps
Erbium	164-1	100	108	83	97	13.09	cps
Erbium	164-2	33	53	57	48	26.42	cps
Gadolinium	160-1	267	183	192	214	21.46	cps
Gadolinium	160-2	177	187	203	189	7.13	cps
Holmium	165-1	8078957	8170283	8195587	8148276	0.75	cps
Holmium	165-2	3893686	3847802	3837994	3859827	0.77	cps
Indium	115-1	6368430	6271819	6339179	6326476	0.78	cps
Indium	115-2	1021985	1019762	1025846	1022531	0.30	cps
Iron	54-2	1802446	1694717	1648134	1715099	4.61	cps
Iron	56-2	30929969	29821052	29409357	30053459	2.62	cps
Iron	57-2	757689	736565	718754	737670	2.64	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	314	339	334	5.40	cps
Lead	206-1	11089708	11412897	11118442	11207016	1.60	cps
Lead	207-1	10019291	10063735	9810804	9964610	1.36	cps
Lead	208-1	45401020	45675271	45010720	45362337	0.74	cps
Lithium	6-1	3555586	3748918	3755543	3686682	3.08	cps
Magnesium	24-2	6602752	6594317	6358477	6518515	2.13	cps
Manganese	55-2	4041007	3908060	3788290	3912452	3.23	cps
Molybdenum	94-1	9438235	9400114	9421508	9419952	0.20	cps
Molybdenum	95-1	13584365	13564082	13719066	13622504	0.62	cps
Molybdenum	96-1	14971557	15207514	14887932	15022334	1.10	cps
Molybdenum	97-1	8274554	8316473	8263974	8285001	0.34	cps
Molybdenum	98-1	22183139	21706000	21793507	21894215	1.16	cps
Neodymium	150-1	447	400	473	440	8.44	cps
Neodymium	150-2	37	33	27	32	15.80	cps
Nickel	60-2	338058	327259	326189	330502	1.99	cps
Phosphorus	31-2	29197	27593	28387	28392	2.82	cps
Potassium	39-2	2264996	2233706	2260511	2253071	0.75	cps
Rhodium	103-1	5932213	5967385	6017535	5972378	0.72	cps
Rhodium	103-2	2700840	2747590	2782438	2743623	1.49	cps
Scandium	45-1	4515766	4577603	4528075	4540482	0.72	cps
Scandium	45-2	143670	145172	145064	144636	0.58	cps
Selenium	82-1	58343	59056	58727	58709	0.61	cps
Selenium	77-2	1960	1953	1793	1902	4.96	cps
Selenium	78-2	6232	6208	6193	6211	0.32	cps
Silicon	28-1	34259423	34108464	33333920	33900602	1.46	cps
Silver	107-1	3643263	3645855	3676421	3655180	0.50	cps
Silver	109-1	3540741	3577683	3548524	3555650	0.55	cps
Sodium	23-2	11701685	11678160	11589266	11656370	0.51	cps
Strontium	86-1	22425016	22459756	21878935	22254569	1.46	cps
Strontium	88-1	191397863	199748700	195343563	195496709	2.14	cps
Sulfur	34-1	653311	654009	642680	650000	0.98	cps
Terbium	159-1	8317925	8469893	8180498	8322772	1.74	cps
Terbium	159-2	3714732	3772379	3731028	3739380	0.79	cps
Thallium	203-1	2672447	2754971	2649020	2692146	2.07	cps
Thallium	205-1	6317051	6391983	6412100	6373711	0.79	cps
Tin	118-1	2283864	2322716	2245480	2284020	1.69	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:38:53	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4217065	4258902	4203440	4226469	0.68	cps
Uranium	238-1	9215932	9016159	8945502	9059198	1.55	cps
Vanadium	51-2	558911	543441	536422	546258	2.11	cps
Ytterbium	172-1	100	117	150	122	20.83	cps
Ytterbium	172-2	67	44	100	70	39.73	cps
Ytterbium	176-1	12490	13065	12440	12665	2.74	cps
Ytterbium	176-2	13629	13296	13435	13453	1.25	cps
Yttrium	89-1	9622935	9680467	9770136	9691179	0.77	cps
Yttrium	89-2	1114823	1106863	1113621	1111769	0.39	cps
Zinc	66-2	1223859	1189801	1191503	1201721	1.60	cps
Zirconium	90-1	4946698	4881083	4743297	4857026	2.14	cps
Zirconium	91-1	1072805	1096873	1082703	1084127	1.12	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1022845	999313	969902	997353	2.66	cps
Antimony	121-1	4609090	4703806	4587372	4633423	1.34	cps
Arsenic	75-2	142923	136730	135972	138542	2.75	cps
Barium	135-1	6305261	6215113	6291313	6270562	0.77	cps
Barium	137-1	10992078	11166436	10726876	10961797	2.02	cps
Beryllium	9-1	2352806	2361822	2255176	2323268	2.55	cps
Bismuth	209-1	5027851	5068582	5034770	5043734	0.43	cps
Bismuth	209-2	2773648	2757170	2767499	2766106	0.30	cps
Boron	10-1	993530	981804	987485	987606	0.59	cps
Boron	11-1	4194693	4298994	4237672	4243786	1.24	cps
Bromine	81-1	48072	49631	48062	48589	1.86	cps
Cadmium	111-1	1411254	1428804	1406234	1415430	0.84	cps
Cadmium	106-1	162083	163058	159416	161519	1.17	cps
Cadmium	108-1	109552	110951	110804	110435	0.70	cps
Calcium	43-1	2120032	2141512	2138118	2133221	0.54	cps
Calcium	44-1	31699502	31719526	31911305	31776778	0.37	cps
Carbon	12-1	4549941	4683254	4775765	4669653	2.43	cps
Carbon	12-2	60483	59973	59672	60043	0.68	cps
Chlorine	35-1	208526	213558	211925	211336	1.21	cps
Chlorine	35-2	1450	1708	1467	1542	9.38	cps
Chromium	52-2	1423953	1413631	1374284	1403956	1.87	cps
Cobalt	59-2	2586049	2550997	2524981	2554009	1.20	cps
Copper	63-2	19352703	19292705	18979511	19208306	1.04	cps
Dysprosium	156-1	433	350	458	414	13.70	cps
Dysprosium	156-2	187	187	213	196	7.87	cps
Erbium	164-1	150	200	183	178	14.32	cps
Erbium	164-2	63	67	53	61	11.36	cps
Gadolinium	160-1	417	325	450	397	16.30	cps
Gadolinium	160-2	287	290	303	293	3.01	cps
Holmium	165-1	8474755	8406329	8306629	8395904	1.01	cps
Holmium	165-2	3965503	3929004	4006510	3967006	0.98	cps
Indium	115-1	6206185	6220153	6223745	6216694	0.15	cps
Indium	115-2	1014346	1012746	1015094	1014062	0.12	cps
Iron	54-2	3488668	3452987	3294912	3412189	3.02	cps
Iron	56-2	60670218	60547507	57780737	59666154	2.74	cps
Iron	57-2	1566620	1535111	1516052	1539261	1.66	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	322	381	353	8.35	cps
Lead	206-1	22973936	22901505	22101996	22659145	2.14	cps
Lead	207-1	20533144	20564719	19925132	20340998	1.77	cps
Lead	208-1	93401803	92777595	90180769	92120056	1.85	cps
Lithium	6-1	3520968	3709333	3611958	3614086	2.61	cps
Magnesium	24-2	13389342	13016317	12728603	13044754	2.54	cps
Manganese	55-2	7768266	7820907	7533559	7707577	1.98	cps
Molybdenum	94-1	19004613	18690722	18918367	18871234	0.86	cps
Molybdenum	95-1	26953621	27666015	26825139	27148259	1.67	cps
Molybdenum	96-1	29738440	29912868	29529928	29727079	0.64	cps
Molybdenum	97-1	16626785	16759472	16630642	16672300	0.45	cps
Molybdenum	98-1	43528276	43549669	43255456	43444467	0.38	cps
Neodymium	150-1	887	787	833	836	5.99	cps
Neodymium	150-2	83	87	67	79	13.58	cps
Nickel	60-2	660891	644140	637977	647669	1.83	cps
Phosphorus	31-2	55833	57306	54571	55903	2.45	cps
Potassium	39-2	4555350	4480353	4377684	4471129	1.99	cps
Rhodium	103-1	5800216	5833249	5946538	5860001	1.31	cps
Rhodium	103-2	2636798	2713985	2744562	2698448	2.06	cps
Scandium	45-1	4635777	4638781	4577505	4617354	0.75	cps
Scandium	45-2	149425	147995	146264	147895	1.07	cps
Selenium	82-1	114489	114064	114479	114344	0.21	cps
Selenium	77-2	3497	3520	3570	3529	1.06	cps
Selenium	78-2	12440	11921	11835	12065	2.71	cps
Silicon	28-1	75823675	76337112	75682133	75947640	0.45	cps
Silver	107-1	6462241	6412828	6336288	6403786	0.99	cps
Silver	109-1	6201745	6273997	6107274	6194338	1.35	cps
Sodium	23-2	23988539	23462498	23233773	23561603	1.64	cps
Strontium	86-1	44926856	44435340	44617252	44659816	0.56	cps
Strontium	88-1	393772434	393966400	379845850	389194895	2.08	cps
Sulfur	34-1	1032355	1033068	1019491	1028304	0.74	cps
Terbium	159-1	8379792	8297344	8371578	8349572	0.54	cps
Terbium	159-2	3878732	3899937	3804296	3860988	1.30	cps
Thallium	203-1	5290513	5233649	5244853	5256339	0.57	cps
Thallium	205-1	12711985	12717292	12478990	12636089	1.08	cps
Tin	118-1	4402013	4398692	4370413	4390373	0.40	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:41:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8424905	8506805	8513720	8481810	0.58	cps
Uranium	238-1	18192638	18485572	17776611	18151607	1.96	cps
Vanadium	51-2	1118437	1099471	1065619	1094509	2.44	cps
Ytterbium	172-1	233	225	167	208	17.44	cps
Ytterbium	172-2	89	111	78	93	18.33	cps
Ytterbium	176-1	23096	24190	24824	24036	3.64	cps
Ytterbium	176-2	18274	19086	19314	18892	2.89	cps
Yttrium	89-1	9582213	9722275	9666849	9657112	0.73	cps
Yttrium	89-2	1099184	1122872	1103130	1108395	1.15	cps
Zinc	66-2	2415120	2440665	2337760	2397848	2.23	cps
Zirconium	90-1	9965789	9755530	9670197	9797172	1.55	cps
Zirconium	91-1	2173806	2239365	2215910	2209694	1.50	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4916097	4899850	4796267	4870738	1.33	cps
Antimony	121-1	2750	2709	3200	2886	9.45	cps
Arsenic	75-2	48	41	54	48	13.66	cps
Barium	135-1	4017	3734	3717	3823	4.41	cps
Barium	137-1	6994	6568	6577	6713	3.62	cps
Beryllium	9-1	514	425	456	465	9.68	cps
Bismuth	209-1	4489104	4355653	4289651	4378136	2.32	cps
Bismuth	209-2	2414326	2434080	2492470	2446959	1.66	cps
Boron	10-1	62231	57585	52900	57572	8.10	cps
Boron	11-1	261785	240907	219930	240874	8.69	cps
Bromine	81-1	43864	48525	46726	46372	5.07	cps
Cadmium	111-1	2740	3033	3264	3012	8.72	cps
Cadmium	106-1	3267	3726	3992	3662	10.02	cps
Cadmium	108-1	79	71	50	67	22.54	cps
Calcium	43-1	9063456	8969614	8823048	8952039	1.35	cps
Calcium	44-1	147991941	146656208	141098148	145248766	2.52	cps
Carbon	12-1	4189999	4334993	4441381	4322124	2.92	cps
Carbon	12-2	58877	58910	58935	58907	0.05	cps
Chlorine	35-1	198497	197881	197831	198070	0.19	cps
Chlorine	35-2	1658	1350	1508	1506	10.24	cps
Chromium	52-2	13173	13026	12526	12908	2.63	cps
Cobalt	59-2	2274	2164	2157	2198	2.98	cps
Copper	63-2	6742	6772	6712	6742	0.44	cps
Dysprosium	156-1	1150	1158	1058	1122	4.94	cps
Dysprosium	156-2	540	443	450	478	11.30	cps
Erbium	164-1	108	158	117	128	20.96	cps
Erbium	164-2	43	50	60	51	16.42	cps
Gadolinium	160-1	1517	1225	942	1228	23.42	cps
Gadolinium	160-2	620	683	680	661	5.39	cps
Holmium	165-1	8120107	7963123	7769909	7951046	2.21	cps
Holmium	165-2	3867530	3785682	3782801	3812004	1.26	cps
Indium	115-1	5793706	5933840	6077529	5935025	2.39	cps
Indium	115-2	985910	988132	1004358	992800	1.01	cps
Iron	54-2	15782166	15988232	15412855	15727751	1.85	cps
Iron	56-2	279577501	288998873	272707601	280427991	2.92	cps
Iron	57-2	7109030	7317127	7130665	7185607	1.59	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	335	325	339	333	2.14	cps
Lead	206-1	5657	5062	4812	5177	8.38	cps
Lead	207-1	4707	4429	4406	4514	3.70	cps
Lead	208-1	22247	20596	20034	20959	5.49	cps
Lithium	6-1	3351810	3320155	3421109	3364358	1.53	cps
Magnesium	24-2	62462631	62738037	62517228	62572632	0.23	cps
Manganese	55-2	7732	7806	7429	7655	2.61	cps
Molybdenum	94-1	6068	6026	5293	5796	7.52	cps
Molybdenum	95-1	7411	7335	7602	7449	1.85	cps
Molybdenum	96-1	20207	19272	20082	19854	2.56	cps
Molybdenum	97-1	4701	4334	4551	4529	4.07	cps
Molybdenum	98-1	11038	11255	11572	11288	2.38	cps
Neodymium	150-1	73	47	53	58	24.02	cps
Neodymium	150-2	3	23	13	13	75.02	cps
Nickel	60-2	2190	2120	2174	2161	1.69	cps
Phosphorus	31-2	125	92	58	92	36.37	cps
Potassium	39-2	22574576	22119045	21928225	22207282	1.50	cps
Rhodium	103-1	5284211	5381000	5417371	5360861	1.28	cps
Rhodium	103-2	2441291	2421216	2519686	2460731	2.11	cps
Scandium	45-1	4399784	4374675	4423432	4399297	0.55	cps
Scandium	45-2	146704	145859	143736	145433	1.05	cps
Selenium	82-1	150	184	175	170	10.33	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	63	56	65	61	7.70	cps
Silicon	28-1	1033385	1031237	1014342	1026321	1.02	cps
Silver	107-1	3417	3075	3301	3264	5.32	cps
Silver	109-1	2900	2984	2634	2839	6.44	cps
Sodium	23-2	113385348	113670540	112636682	113230857	0.47	cps
Strontium	86-1	12397	11672	11263	11777	4.88	cps
Strontium	88-1	103100	99060	97192	99784	3.03	cps
Sulfur	34-1	253573	259518	262717	258603	1.79	cps
Terbium	159-1	7957560	8158903	7973843	8030102	1.39	cps
Terbium	159-2	3700079	3693491	3813858	3735809	1.81	cps
Thallium	203-1	1567	1300	1350	1406	10.09	cps
Thallium	205-1	3509	3242	3067	3273	6.80	cps
Tin	118-1	4934	5501	4801	5079	7.32	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:45:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1642	1650	1867	1720	7.42	cps
Uranium	238-1	892	875	858	875	1.90	cps
Vanadium	51-2	360	340	317	339	6.40	cps
Ytterbium	172-1	508	508	483	500	2.89	cps
Ytterbium	172-2	206	233	239	226	7.91	cps
Ytterbium	176-1	1458	1483	1742	1561	10.05	cps
Ytterbium	176-2	8342	8597	8886	8609	3.17	cps
Yttrium	89-1	9386362	9394486	9514714	9431854	0.76	cps
Yttrium	89-2	1081188	1098859	1125014	1101687	2.00	cps
Zinc	66-2	2684	2460	2537	2560	4.43	cps
Zirconium	90-1	2342	2467	2642	2484	6.07	cps
Zirconium	91-1	458	550	400	469	16.11	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICV27	Instrumnet Name :	P8
Client Sample ID :	ICV27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:55:48	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26098	25544	25015	25552	2.12	cps
Antimony	121-1	935314	935275	908187	926259	1.69	cps
Arsenic	75-2	29903	29538	28915	29452	1.69	cps
Barium	135-1	126455	126926	120392	124591	2.92	cps
Barium	137-1	219507	219235	212125	216956	1.93	cps
Beryllium	9-1	256623	258399	257968	257663	0.36	cps
Bismuth	209-1	5278726	5201935	5201915	5227525	0.85	cps
Bismuth	209-2	2907430	2899387	2877744	2894854	0.53	cps
Boron	10-1	12471	12217	11750	12146	3.01	cps
Boron	11-1	51437	50904	50452	50931	0.97	cps
Bromine	81-1	50685	50654	50152	50497	0.59	cps
Cadmium	111-1	152826	156715	150367	153303	2.09	cps
Cadmium	106-1	16869	16978	16527	16791	1.40	cps
Cadmium	108-1	10100	10141	10091	10111	0.27	cps
Calcium	43-1	37871	37796	37553	37740	0.44	cps
Calcium	44-1	608329	624482	612350	615054	1.37	cps
Carbon	12-1	4181939	4252845	4284748	4239844	1.24	cps
Carbon	12-2	54460	52678	52888	53342	1.83	cps
Chlorine	35-1	199080	200313	198936	199443	0.38	cps
Chlorine	35-2	1600	1542	1425	1522	5.85	cps
Chromium	52-2	141267	140647	139325	140413	0.71	cps
Cobalt	59-2	259366	261242	255821	258810	1.06	cps
Copper	63-2	194969	191363	191708	192680	1.03	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	50	83	83	72	26.65	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	58	42	42	47	20.37	cps
Gadolinium	160-2	120	130	87	112	20.22	cps
Holmium	165-1	8128355	8017368	7981464	8042396	0.95	cps
Holmium	165-2	3895311	3863780	3917865	3892319	0.70	cps
Indium	115-1	6359393	6642169	6499834	6500465	2.18	cps
Indium	115-2	1071702	1069516	1073436	1071551	0.18	cps
Iron	54-2	135084	135167	130820	133691	1.86	cps
Iron	56-2	2483127	2406395	2344661	2411394	2.88	cps
Iron	57-2	57728	58319	58057	58035	0.51	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICV27	Instrumnet Name :	P8
Client Sample ID :	ICV27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:55:48	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	322	306	326	6.58	cps
Lead	206-1	924901	930226	895340	916822	2.05	cps
Lead	207-1	784054	804138	759880	782691	2.83	cps
Lead	208-1	3787099	3779319	3627319	3731245	2.41	cps
Lithium	6-1	3727915	3831989	3749815	3769906	1.46	cps
Magnesium	24-2	154035	150220	149302	151186	1.66	cps
Manganese	55-2	80647	79704	78987	79780	1.04	cps
Molybdenum	94-1	292	208	317	272	20.84	cps
Molybdenum	95-1	275	242	158	225	26.71	cps
Molybdenum	96-1	517	450	475	481	7.01	cps
Molybdenum	97-1	75	167	158	133	38.02	cps
Molybdenum	98-1	483	292	342	372	26.71	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	74504	73629	73847	73993	0.62	cps
Phosphorus	31-2	50	58	67	58	14.29	cps
Potassium	39-2	194156	189061	188640	190619	1.61	cps
Rhodium	103-1	6135239	6311788	6216522	6221183	1.42	cps
Rhodium	103-2	2861551	2775455	2876621	2837876	1.92	cps
Scandium	45-1	4672394	4640886	4708042	4673774	0.72	cps
Scandium	45-2	150199	147385	148290	148625	0.97	cps
Selenium	82-1	25354	25170	24733	25086	1.27	cps
Selenium	77-2	757	767	883	802	8.78	cps
Selenium	78-2	2757	2681	2718	2718	1.40	cps
Silicon	28-1	806093	823120	821010	816741	1.14	cps
Silver	107-1	363907	369379	359245	364177	1.39	cps
Silver	109-1	352867	346106	340324	346432	1.81	cps
Sodium	23-2	487677	479268	474757	480567	1.36	cps
Strontium	86-1	1075	1017	1083	1058	3.43	cps
Strontium	88-1	4876	4342	4651	4623	5.79	cps
Sulfur	34-1	283060	275320	280841	279740	1.42	cps
Terbium	159-1	8483964	8563366	8171034	8406121	2.47	cps
Terbium	159-2	3716393	3751941	3772763	3747032	0.76	cps
Thallium	203-1	1133991	1150048	1093464	1125834	2.59	cps
Thallium	205-1	2838559	2773295	2762650	2791501	1.47	cps
Tin	118-1	817	750	825	797	5.16	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICV27	Instrumnet Name :	P8
Client Sample ID :	ICV27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 13:55:48	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	217	183	194	9.90	cps
Uranium	238-1	175	58	42	92	79.25	cps
Vanadium	51-2	110167	108249	107551	108656	1.25	cps
Ytterbium	172-1	17	58	67	47	56.72	cps
Ytterbium	172-2	22	33	11	22	50.00	cps
Ytterbium	176-1	1192	1125	1158	1158	2.88	cps
Ytterbium	176-2	7941	8570	8836	8449	5.44	cps
Yttrium	89-1	9675747	10000065	9882370	9852727	1.67	cps
Yttrium	89-2	1150735	1115138	1117044	1127639	1.78	cps
Zinc	66-2	50319	49583	49707	49870	0.79	cps
Zirconium	90-1	508	508	608	542	10.66	cps
Zirconium	91-1	200	250	242	231	11.62	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1129	1027	1032	1063	5.37	cps
Antimony	121-1	8711	9262	8628	8867	3.88	cps
Arsenic	75-2	148	146	156	150	3.53	cps
Barium	135-1	11322	11255	11288	11288	0.30	cps
Barium	137-1	20633	20441	19732	20269	2.34	cps
Beryllium	9-1	2832	2714	2614	2720	4.03	cps
Bismuth	209-1	5445207	5236529	5290277	5324004	2.04	cps
Bismuth	209-2	2940427	2907903	2966485	2938271	1.00	cps
Boron	10-1	14152	14704	15071	14642	3.16	cps
Boron	11-1	59759	61006	61218	60661	1.30	cps
Bromine	81-1	51889	55076	52413	53126	3.22	cps
Cadmium	111-1	3946	4295	4340	4193	5.14	cps
Cadmium	106-1	3609	4159	4151	3973	7.94	cps
Cadmium	108-1	121	125	100	115	11.62	cps
Calcium	43-1	9313	9227	9030	9190	1.58	cps
Calcium	44-1	154361	154766	150972	153366	1.36	cps
Carbon	12-1	4307833	4220511	4202290	4243545	1.33	cps
Carbon	12-2	52118	51357	50078	51184	2.01	cps
Chlorine	35-1	181756	184668	181299	182574	1.00	cps
Chlorine	35-2	1392	1075	1467	1311	15.86	cps
Chromium	52-2	3037	3130	2890	3019	4.01	cps
Cobalt	59-2	2467	2397	2394	2419	1.71	cps
Copper	63-2	4437	4497	4431	4455	0.82	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	75	92	64	54.31	cps
Erbium	164-2	27	37	33	32	15.80	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	107	120	153	127	18.98	cps
Holmium	165-1	8357184	8088544	8215068	8220265	1.63	cps
Holmium	165-2	3961495	3941232	3986764	3963164	0.58	cps
Indium	115-1	6532814	6520797	6658076	6570562	1.16	cps
Indium	115-2	1095709	1092538	1107009	1098418	0.69	cps
Iron	54-2	3762	3712	3701	3725	0.87	cps
Iron	56-2	58637	58497	57895	58343	0.68	cps
Iron	57-2	1672	1522	1533	1576	5.30	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	304	305	321	310	3.15	cps
Lead	206-1	4579	4595	4390	4521	2.53	cps
Lead	207-1	3945	3917	3973	3945	0.70	cps
Lead	208-1	18328	17744	17855	17976	1.72	cps
Lithium	6-1	3653159	3711441	3777276	3713959	1.67	cps
Magnesium	24-2	63615	62049	62275	62646	1.35	cps
Manganese	55-2	763	790	817	790	3.38	cps
Molybdenum	94-1	10296	10304	10596	10399	1.64	cps
Molybdenum	95-1	13507	12714	13198	13140	3.04	cps
Molybdenum	96-1	14350	14625	14133	14369	1.72	cps
Molybdenum	97-1	8369	7636	7902	7969	4.66	cps
Molybdenum	98-1	21325	21275	20783	21128	1.42	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	737	660	683	693	5.67	cps
Phosphorus	31-2	92	142	108	114	22.35	cps
Potassium	39-2	58218	58427	59490	58711	1.16	cps
Rhodium	103-1	6380132	6272439	6301861	6318144	0.88	cps
Rhodium	103-2	2936323	2950623	2972659	2953202	0.62	cps
Scandium	45-1	4692407	4744799	4735045	4724084	0.59	cps
Scandium	45-2	155072	150998	153302	153124	1.33	cps
Selenium	82-1	595	627	622	615	2.85	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	119	134	98	117	15.45	cps
Silicon	28-1	846615	850695	847900	848403	0.25	cps
Silver	107-1	7602	7602	7060	7422	4.22	cps
Silver	109-1	7352	7594	6902	7283	4.82	cps
Sodium	23-2	124640	124127	120984	123250	1.61	cps
Strontium	86-1	2417	2200	2284	2300	4.75	cps
Strontium	88-1	14833	15150	15017	15000	1.06	cps
Sulfur	34-1	288081	290436	286276	288264	0.72	cps
Terbium	159-1	8507300	8236782	8359248	8367777	1.62	cps
Terbium	159-2	3840720	3862491	3911251	3871487	0.93	cps
Thallium	203-1	4834	4668	5134	4879	4.85	cps
Thallium	205-1	12089	12373	11597	12020	3.26	cps
Tin	118-1	21734	21734	21451	21640	0.76	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:07:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4367	4567	4467	4467	2.24	cps
Uranium	238-1	15318	15426	14934	15226	1.70	cps
Vanadium	51-2	5234	5118	5154	5169	1.15	cps
Ytterbium	172-1	75	25	58	53	48.24	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	1067	1375	1225	1222	12.62	cps
Ytterbium	176-2	8592	8581	9109	8760	3.44	cps
Yttrium	89-1	9861269	9769922	9921777	9850990	0.78	cps
Yttrium	89-2	1172870	1157152	1171640	1167221	0.75	cps
Zinc	66-2	673	800	800	758	9.65	cps
Zirconium	90-1	9187	9112	8670	8989	3.11	cps
Zirconium	91-1	1800	2092	2109	2000	8.67	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	52	62	62	14.24	cps
Antimony	121-1	92	92	150	111	30.31	cps
Arsenic	75-2	1	0	3	1	114.56	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	25	33	25	28	17.31	cps
Beryllium	9-1	61	59	47	56	13.12	cps
Bismuth	209-1	5195251	5285508	5249800	5243519	0.87	cps
Bismuth	209-2	2724744	2250124	2983792	2652887	14.03	cps
Boron	10-1	5736	6102	5884	5907	3.12	cps
Boron	11-1	25421	24584	24375	24793	2.23	cps
Bromine	81-1	52292	53689	51558	52513	2.06	cps
Cadmium	111-1	2710	2715	2715	2714	0.10	cps
Cadmium	106-1	3851	3876	3867	3865	0.33	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	104	117	112	111	6.26	cps
Calcium	44-1	6841	6870	7175	6962	2.66	cps
Carbon	12-1	4107729	4148279	4245142	4167050	1.69	cps
Carbon	12-2	51390	52176	52670	52079	1.24	cps
Chlorine	35-1	198725	196740	197034	197500	0.54	cps
Chlorine	35-2	1242	1525	1625	1464	13.58	cps
Chromium	52-2	463	417	453	444	5.53	cps
Cobalt	59-2	63	60	60	61	3.15	cps
Copper	63-2	683	490	560	578	16.94	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	92	58	58	69	27.72	cps
Erbium	164-2	17	3	33	18	84.55	cps
Gadolinium	160-1	83	83	42	69	34.64	cps
Gadolinium	160-2	83	97	110	97	13.79	cps
Holmium	165-1	8159683	8136060	8118389	8138044	0.25	cps
Holmium	165-2	3650766	2997915	3927507	3525396	13.54	cps
Indium	115-1	6557720	6672108	6597426	6609085	0.88	cps
Indium	115-2	1007653	815573	1081084	968103	14.16	cps
Iron	54-2	489	500	517	502	2.79	cps
Iron	56-2	2667	3011	3178	2952	8.83	cps
Iron	57-2	189	100	144	144	30.77	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	315	331	349	332	5.09	cps
Lead	206-1	589	483	644	572	14.30	cps
Lead	207-1	589	639	506	578	11.66	cps
Lead	208-1	2378	2378	2295	2350	2.05	cps
Lithium	6-1	3750848	3636904	3795013	3727588	2.19	cps
Magnesium	24-2	1075	1200	1150	1142	5.51	cps
Manganese	55-2	30	47	30	36	27.07	cps
Molybdenum	94-1	183	75	167	142	41.18	cps
Molybdenum	95-1	58	25	58	47	40.76	cps
Molybdenum	96-1	158	158	142	153	6.30	cps
Molybdenum	97-1	17	0	17	11	86.60	cps
Molybdenum	98-1	92	75	158	108	40.71	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	40	30	57	42	31.91	cps
Phosphorus	31-2	42	92	67	67	37.50	cps
Potassium	39-2	18012	17302	18087	17800	2.43	cps
Rhodium	103-1	6264361	6397384	6402142	6354629	1.23	cps
Rhodium	103-2	2716225	2164936	2853290	2578150	14.13	cps
Scandium	45-1	4771675	4744574	4769472	4761907	0.32	cps
Scandium	45-2	143553	112886	152062	136167	15.13	cps
Selenium	82-1	-10	-32	0	-14	-117.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	37	40	41	9.94	cps
Silicon	28-1	794618	791957	803775	796783	0.78	cps
Silver	107-1	217	117	175	169	29.64	cps
Silver	109-1	192	142	117	150	25.46	cps
Sodium	23-2	12789	12130	12180	12367	2.97	cps
Strontium	86-1	442	625	483	517	18.60	cps
Strontium	88-1	225	183	275	228	20.15	cps
Sulfur	34-1	290126	289041	290223	289796	0.23	cps
Terbium	159-1	8510637	8291179	8301968	8367928	1.48	cps
Terbium	159-2	3569693	2897780	3818493	3428655	13.89	cps
Thallium	203-1	225	275	150	217	29.04	cps
Thallium	205-1	558	467	542	522	9.35	cps
Tin	118-1	325	358	433	372	14.91	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICB27	Instrumnet Name :	P8
Client Sample ID :	ICB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:10:45	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	108	142	128	13.57	cps
Uranium	238-1	33	50	33	39	24.75	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Ytterbium	172-1	58	92	17	56	67.63	cps
Ytterbium	172-2	28	22	44	31	36.74	cps
Ytterbium	176-1	1275	1258	1242	1258	1.32	cps
Ytterbium	176-2	7947	6702	8953	7867	14.33	cps
Yttrium	89-1	10138335	9852420	9777751	9922836	1.92	cps
Yttrium	89-2	1065188	853808	1140610	1019869	14.58	cps
Zinc	66-2	140	120	157	139	13.22	cps
Zirconium	90-1	450	317	358	375	18.19	cps
Zirconium	91-1	83	67	42	64	32.83	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4695454	4729628	4589154	4671412	1.57	cps
Antimony	121-1	5059	5393	5009	5154	4.04	cps
Arsenic	75-2	52	50	56	53	5.80	cps
Barium	135-1	1909	1817	1767	1831	3.92	cps
Barium	137-1	2859	2742	3476	3025	13.03	cps
Beryllium	9-1	710	692	715	706	1.67	cps
Bismuth	209-1	4861956	4718538	5091058	4890518	3.84	cps
Bismuth	209-2	2749574	2681123	2672549	2701082	1.56	cps
Boron	10-1	5370	5438	5268	5359	1.60	cps
Boron	11-1	23068	22340	21844	22417	2.75	cps
Bromine	81-1	50311	51478	53387	51725	3.00	cps
Cadmium	111-1	2939	3078	2762	2927	5.41	cps
Cadmium	106-1	3517	3401	3067	3328	7.02	cps
Cadmium	108-1	1271	1271	1246	1263	1.14	cps
Calcium	43-1	1912362	1944304	1852976	1903214	2.44	cps
Calcium	44-1	30801552	30617108	29931356	30450005	1.51	cps
Carbon	12-1	19211532	19618034	18691328	19173631	2.42	cps
Carbon	12-2	226533	221163	223817	223838	1.20	cps
Chlorine	35-1	11038468	12291778	13219515	12183254	8.98	cps
Chlorine	35-2	110916	114728	119995	115213	3.96	cps
Chromium	52-2	26982	27740	27059	27260	1.53	cps
Cobalt	59-2	3137	2984	2877	2999	4.36	cps
Copper	63-2	14501	15061	14588	14717	2.05	cps
Dysprosium	156-1	25	25	58	36	53.29	cps
Dysprosium	156-2	27	10	10	16	61.87	cps
Erbium	164-1	92	100	117	103	12.39	cps
Erbium	164-2	43	40	20	34	36.64	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	97	147	157	133	24.11	cps
Holmium	165-1	8383683	7961079	8289463	8211408	2.70	cps
Holmium	165-2	3911788	3951557	3920174	3927840	0.53	cps
Indium	115-1	6241121	6347110	6415525	6334585	1.39	cps
Indium	115-2	1047096	1025915	1026671	1033228	1.16	cps
Iron	54-2	6557761	6300935	6236376	6365024	2.67	cps
Iron	56-2	119317042	115128680	112429939	115625220	3.00	cps
Iron	57-2	2985613	2938278	2881629	2935173	1.77	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	322	335	323	3.49	cps
Lead	206-1	21502	20939	19916	20786	3.87	cps
Lead	207-1	16861	16845	16822	16843	0.12	cps
Lead	208-1	79779	78822	76945	78515	1.84	cps
Lithium	6-1	3612719	3484210	3630060	3575663	2.23	cps
Magnesium	24-2	12147915	11766983	11857842	11924247	1.67	cps
Manganese	55-2	5841	5588	5735	5721	2.22	cps
Molybdenum	94-1	3023388	2989393	3040609	3017797	0.86	cps
Molybdenum	95-1	5325119	5331804	5221044	5292656	1.17	cps
Molybdenum	96-1	5617890	5798409	5542769	5653023	2.32	cps
Molybdenum	97-1	3286188	3296768	3202157	3261704	1.59	cps
Molybdenum	98-1	8350848	8528754	8403869	8427824	1.08	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	3474	3447	3397	3439	1.13	cps
Phosphorus	31-2	273573	271372	266485	270477	1.34	cps
Potassium	39-2	8536153	8534251	8443063	8504489	0.63	cps
Rhodium	103-1	5810793	5834054	5923432	5856093	1.02	cps
Rhodium	103-2	2735373	2716050	2675216	2708880	1.13	cps
Scandium	45-1	4604971	4626149	4642823	4624648	0.41	cps
Scandium	45-2	147745	146696	147623	147355	0.39	cps
Selenium	82-1	41	41	45	42	5.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	51	48	48	7.38	cps
Silicon	28-1	916483	919130	940948	925520	1.45	cps
Silver	107-1	208	192	183	194	6.55	cps
Silver	109-1	192	150	133	158	18.98	cps
Sodium	23-2	22811069	22198191	22061427	22356896	1.79	cps
Strontium	86-1	61762	61762	59661	61062	1.99	cps
Strontium	88-1	525270	522196	528122	525196	0.56	cps
Sulfur	34-1	3102282	3124334	2973654	3066757	2.65	cps
Terbium	159-1	8187081	8205177	8476221	8289493	1.95	cps
Terbium	159-2	3823767	3783675	3790245	3799229	0.57	cps
Thallium	203-1	508	425	725	553	28.02	cps
Thallium	205-1	1142	1150	1375	1222	10.83	cps
Tin	118-1	1108	1217	1075	1133	6.54	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSA27	Instrumnet Name :	P8
Client Sample ID :	ICSA27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:13:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1784605	1730780	1722063	1745816	1.94	cps
Uranium	238-1	308	375	375	353	10.91	cps
Vanadium	51-2	197	200	187	194	3.57	cps
Ytterbium	172-1	42	50	83	58	37.80	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	1175	1392	1117	1228	11.80	cps
Ytterbium	176-2	8036	8570	8670	8425	4.04	cps
Yttrium	89-1	9615748	9666520	10009292	9763853	2.19	cps
Yttrium	89-2	1120767	1115031	1110285	1115361	0.47	cps
Zinc	66-2	2707	2567	2627	2634	2.67	cps
Zirconium	90-1	492	517	675	561	17.72	cps
Zirconium	91-1	117	133	142	131	9.75	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4814638	4649311	4736002	4733317	1.75	cps
Antimony	121-1	101527	99981	99285	100264	1.14	cps
Arsenic	75-2	2910	2777	2852	2846	2.34	cps
Barium	135-1	27487	27036	27053	27192	0.94	cps
Barium	137-1	46807	48412	47518	47579	1.69	cps
Beryllium	9-1	49524	49791	48078	49131	1.88	cps
Bismuth	209-1	5161693	5224939	4937164	5107932	2.96	cps
Bismuth	209-2	2770317	2735172	2815890	2773793	1.46	cps
Boron	10-1	4580	4294	4518	4464	3.37	cps
Boron	11-1	19091	18292	18662	18682	2.14	cps
Bromine	81-1	52925	54554	55649	54376	2.52	cps
Cadmium	111-1	31278	31583	30850	31237	1.18	cps
Cadmium	106-1	6293	6085	6102	6160	1.88	cps
Cadmium	108-1	3059	3250	3205	3171	3.16	cps
Calcium	43-1	1982642	1976678	1942936	1967419	1.09	cps
Calcium	44-1	31200337	30414599	30624018	30746318	1.32	cps
Carbon	12-1	19435923	19792717	19556091	19594911	0.93	cps
Carbon	12-2	232526	225291	226714	228177	1.68	cps
Chlorine	35-1	15262466	16593521	17520629	16458872	6.90	cps
Chlorine	35-2	137676	139863	142657	140065	1.78	cps
Chromium	52-2	55123	55715	54942	55260	0.73	cps
Cobalt	59-2	53862	51744	52068	52558	2.17	cps
Copper	63-2	52323	52058	50991	51791	1.36	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	0	7	23	10	120.16	cps
Erbium	164-1	58	42	50	50	16.66	cps
Erbium	164-2	37	17	27	27	37.50	cps
Gadolinium	160-1	33	100	75	69	48.50	cps
Gadolinium	160-2	110	147	127	128	14.37	cps
Holmium	165-1	8727243	8435016	8243267	8468509	2.88	cps
Holmium	165-2	4019976	4007065	4048108	4025050	0.52	cps
Indium	115-1	6606735	6550338	6442931	6533335	1.27	cps
Indium	115-2	1043707	1039642	1074559	1052636	1.81	cps
Iron	54-2	6476714	6456272	6307706	6413564	1.44	cps
Iron	56-2	119274636	116778750	116451330	117501572	1.31	cps
Iron	57-2	3044683	2986832	2957069	2996195	1.49	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	282	324	329	312	8.14	cps
Lead	206-1	106720	107477	104603	106267	1.40	cps
Lead	207-1	90128	89323	87779	89077	1.34	cps
Lead	208-1	416365	413792	406602	412253	1.23	cps
Lithium	6-1	3672774	3787396	3636372	3698848	2.13	cps
Magnesium	24-2	12012198	11918477	11894994	11941890	0.52	cps
Manganese	55-2	21323	21443	20505	21090	2.42	cps
Molybdenum	94-1	3087396	3112088	3039430	3079638	1.20	cps
Molybdenum	95-1	5340617	5441727	5417046	5399797	0.98	cps
Molybdenum	96-1	5876721	5819405	5784655	5826927	0.80	cps
Molybdenum	97-1	3360486	3410088	3313814	3361463	1.43	cps
Molybdenum	98-1	8543243	8932371	8662491	8712702	2.29	cps
Neodymium	150-1	20	60	40	40	50.00	cps
Neodymium	150-2	0	7	20	9	114.55	cps
Nickel	60-2	17324	16890	16213	16809	3.33	cps
Phosphorus	31-2	279851	274088	277446	277128	1.04	cps
Potassium	39-2	8837418	8363979	8556261	8585886	2.77	cps
Rhodium	103-1	6283376	6136472	5913847	6111232	3.04	cps
Rhodium	103-2	2805525	2779008	2743145	2775892	1.13	cps
Scandium	45-1	4916317	4819000	4780517	4838612	1.45	cps
Scandium	45-2	149194	149537	150900	149877	0.60	cps
Selenium	82-1	2467	2297	2327	2364	3.84	cps
Selenium	77-2	67	63	50	60	14.70	cps
Selenium	78-2	296	278	269	281	4.89	cps
Silicon	28-1	913878	899851	925470	913066	1.41	cps
Silver	107-1	137845	138024	136479	137449	0.61	cps
Silver	109-1	133007	132824	129734	131855	1.39	cps
Sodium	23-2	22923156	22497729	22608734	22676540	0.97	cps
Strontium	86-1	61419	63085	61720	62075	1.43	cps
Strontium	88-1	540887	535440	530240	535522	0.99	cps
Sulfur	34-1	3132524	3074535	3093746	3100268	0.95	cps
Terbium	159-1	8992634	8863404	8524798	8793612	2.75	cps
Terbium	159-2	3869626	3992001	3782781	3881469	2.71	cps
Thallium	203-1	108409	104993	104839	106080	1.90	cps
Thallium	205-1	258104	248958	256728	254596	1.94	cps
Tin	118-1	1125	1258	983	1122	12.25	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	ICSAB27	Instrumnet Name :	P8
Client Sample ID :	ICSAB27	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:16:57	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1773504	1783149	1787625	1781426	0.41	cps
Uranium	238-1	642	408	383	478	29.82	cps
Vanadium	51-2	22121	21797	21994	21970	0.74	cps
Ytterbium	172-1	83	50	58	64	27.16	cps
Ytterbium	172-2	33	33	50	39	24.75	cps
Ytterbium	176-1	1517	1250	1300	1356	10.46	cps
Ytterbium	176-2	7853	8620	8581	8351	5.17	cps
Yttrium	89-1	10281655	10379860	10208778	10290098	0.83	cps
Yttrium	89-2	1129121	1142903	1152745	1141590	1.04	cps
Zinc	66-2	7165	7482	7585	7411	2.95	cps
Zirconium	90-1	533	600	458	531	13.36	cps
Zirconium	91-1	108	125	208	147	36.39	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2539058	2488893	2499854	2509268	1.05	cps
Antimony	121-1	2324540	2329143	2260959	2304881	1.65	cps
Arsenic	75-2	70343	69080	68522	69315	1.35	cps
Barium	135-1	3296327	3254378	3306584	3285763	0.84	cps
Barium	137-1	5529793	5637466	5588606	5585288	0.97	cps
Beryllium	9-1	1168711	1196172	1159572	1174818	1.62	cps
Bismuth	209-1	4559621	4723307	4746800	4676576	2.18	cps
Bismuth	209-2	2523491	2602041	2578821	2568118	1.57	cps
Boron	10-1	540125	549337	563875	551112	2.17	cps
Boron	11-1	2079879	2101318	2146350	2109182	1.61	cps
Bromine	81-1	50725	52775	51066	51522	2.13	cps
Cadmium	111-1	685865	690907	673366	683379	1.32	cps
Cadmium	106-1	82505	81608	81357	81823	0.74	cps
Cadmium	108-1	54746	54637	52872	54085	1.94	cps
Calcium	43-1	4785194	4767693	4713824	4755570	0.78	cps
Calcium	44-1	75385504	76330539	75583257	75766433	0.66	cps
Carbon	12-1	4448735	4518893	4530557	4499395	0.98	cps
Carbon	12-2	57430	56885	57395	57237	0.53	cps
Chlorine	35-1	2924318	2788840	2665534	2792898	4.63	cps
Chlorine	35-2	18062	18304	17035	17800	3.78	cps
Chromium	52-2	708866	681435	686527	692276	2.11	cps
Cobalt	59-2	1272391	1244418	1226056	1247622	1.87	cps
Copper	63-2	9807659	9577519	9589213	9658130	1.34	cps
Dysprosium	156-1	642	633	508	594	12.56	cps
Dysprosium	156-2	337	273	307	306	10.37	cps
Erbium	164-1	125	142	150	139	9.17	cps
Erbium	164-2	53	47	50	50	6.66	cps
Gadolinium	160-1	800	733	783	772	4.49	cps
Gadolinium	160-2	487	363	360	403	17.90	cps
Holmium	165-1	7709387	8299394	8173376	8060719	3.85	cps
Holmium	165-2	3922132	3843240	3862986	3876119	1.06	cps
Indium	115-1	5923538	6361475	6167056	6150690	3.57	cps
Indium	115-2	1000709	995245	1018038	1004664	1.18	cps
Iron	54-2	8310419	8098350	8102816	8170528	1.48	cps
Iron	56-2	148889164	144339292	145440303	146222920	1.62	cps
Iron	57-2	3847130	3711823	3650671	3736541	2.69	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	342	297	315	318	7.13	cps
Lead	206-1	10969843	11193039	10954602	11039161	1.21	cps
Lead	207-1	9930205	9904211	10234693	10023037	1.83	cps
Lead	208-1	44551494	45354819	45105089	45003801	0.91	cps
Lithium	6-1	3382098	3547218	3589192	3506169	3.12	cps
Magnesium	24-2	33223804	32339426	31834097	32465775	2.17	cps
Manganese	55-2	4054388	3847788	3922516	3941564	2.65	cps
Molybdenum	94-1	9878581	9634959	9587789	9700443	1.61	cps
Molybdenum	95-1	14245979	14176590	13816358	14079642	1.64	cps
Molybdenum	96-1	15522074	15553535	15392958	15489522	0.55	cps
Molybdenum	97-1	8791380	8812155	8601407	8734981	1.33	cps
Molybdenum	98-1	22665539	22819159	22424119	22636272	0.88	cps
Neodymium	150-1	420	433	493	449	8.70	cps
Neodymium	150-2	27	60	50	46	37.54	cps
Nickel	60-2	333344	325028	323667	327346	1.60	cps
Phosphorus	31-2	29280	28353	29614	29083	2.25	cps
Potassium	39-2	11387871	10968072	11004116	11120019	2.09	cps
Rhodium	103-1	5354933	5782176	5715253	5617454	4.09	cps
Rhodium	103-2	2594476	2567836	2627941	2596751	1.16	cps
Scandium	45-1	4387124	4610711	4623427	4540421	2.93	cps
Scandium	45-2	148479	146609	147179	147423	0.65	cps
Selenium	82-1	57812	57582	57933	57776	0.31	cps
Selenium	77-2	1693	1730	1737	1720	1.36	cps
Selenium	78-2	6115	6007	5866	5996	2.08	cps
Silicon	28-1	41215633	41470847	41335037	41340506	0.31	cps
Silver	107-1	3534339	3563914	3407035	3501763	2.38	cps
Silver	109-1	3386410	3392992	3324649	3368017	1.12	cps
Sodium	23-2	59017847	57377583	57675753	58023728	1.51	cps
Strontium	86-1	23095598	23056965	22736942	22963169	0.86	cps
Strontium	88-1	200785979	201070867	197531867	199796238	0.98	cps
Sulfur	34-1	646748	652115	647989	648951	0.43	cps
Terbium	159-1	7744576	8422005	8371361	8179314	4.61	cps
Terbium	159-2	3784551	3734112	3838020	3785561	1.37	cps
Thallium	203-1	2677182	2636623	2571193	2628333	2.03	cps
Thallium	205-1	6303180	6281799	6276281	6287087	0.23	cps
Tin	118-1	2214546	2284411	2290259	2263072	1.86	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:20:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4420487	4398091	4285945	4368175	1.65	cps
Uranium	238-1	9273232	9272240	9015916	9187129	1.61	cps
Vanadium	51-2	574352	559470	555548	563123	1.76	cps
Ytterbium	172-1	292	342	358	331	10.50	cps
Ytterbium	172-2	150	122	150	141	11.39	cps
Ytterbium	176-1	13415	13482	13399	13432	0.33	cps
Ytterbium	176-2	13563	13285	13869	13572	2.15	cps
Yttrium	89-1	9424091	9550256	9906498	9626948	2.60	cps
Yttrium	89-2	1122291	1089275	1119736	1110434	1.65	cps
Zinc	66-2	1133127	1120170	1124077	1125791	0.59	cps
Zirconium	90-1	5190880	5069232	5219593	5159902	1.55	cps
Zirconium	91-1	1142235	1125169	1132159	1133188	0.76	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	81	100	90	10.38	cps
Antimony	121-1	192	275	400	289	36.30	cps
Arsenic	75-2	2	5	3	3	45.83	cps
Barium	135-1	50	8	0	19	137.78	cps
Barium	137-1	117	50	75	81	41.81	cps
Beryllium	9-1	105	84	80	90	15.05	cps
Bismuth	209-1	5517991	5358116	5410417	5428841	1.50	cps
Bismuth	209-2	3003818	3016453	3101449	3040573	1.75	cps
Boron	10-1	8851	8589	8247	8562	3.54	cps
Boron	11-1	37222	35885	34782	35963	3.40	cps
Bromine	81-1	54040	55356	50444	53280	4.77	cps
Cadmium	111-1	2511	2277	2660	2483	7.78	cps
Cadmium	106-1	3542	3225	3759	3509	7.65	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	141	111	131	128	11.94	cps
Calcium	44-1	7560	7341	7225	7375	2.31	cps
Carbon	12-1	4332789	4366603	4364846	4354746	0.44	cps
Carbon	12-2	54686	54326	54109	54373	0.54	cps
Chlorine	35-1	940006	921587	901553	921049	2.09	cps
Chlorine	35-2	6510	6160	6343	6338	2.76	cps
Chromium	52-2	457	420	477	451	6.37	cps
Cobalt	59-2	57	43	80	60	30.93	cps
Copper	63-2	927	880	920	909	2.78	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	117	67	69	66.09	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	113	147	107	122	17.53	cps
Holmium	165-1	8349298	8372523	8251533	8324451	0.77	cps
Holmium	165-2	4004460	3960276	4034661	3999799	0.94	cps
Indium	115-1	6894953	6764911	6894449	6851438	1.09	cps
Indium	115-2	1082285	1088388	1095417	1088697	0.60	cps
Iron	54-2	561	478	483	507	9.18	cps
Iron	56-2	3934	3578	3362	3625	7.97	cps
Iron	57-2	111	128	161	133	19.10	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	322	310	310	4.24	cps
Lead	206-1	889	844	794	843	5.61	cps
Lead	207-1	711	700	628	680	6.66	cps
Lead	208-1	3522	3339	3272	3378	3.83	cps
Lithium	6-1	3860462	3817831	3918357	3865550	1.31	cps
Magnesium	24-2	1467	1508	1417	1464	3.14	cps
Manganese	55-2	53	37	50	47	18.89	cps
Molybdenum	94-1	292	175	258	242	24.87	cps
Molybdenum	95-1	292	250	258	267	8.27	cps
Molybdenum	96-1	433	292	308	344	22.48	cps
Molybdenum	97-1	200	125	108	144	33.81	cps
Molybdenum	98-1	500	342	292	378	28.79	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	37	30	30	32	11.95	cps
Phosphorus	31-2	142	75	67	94	43.53	cps
Potassium	39-2	18429	18420	17252	18034	3.75	cps
Rhodium	103-1	6430537	6436682	6504426	6457215	0.63	cps
Rhodium	103-2	2933348	2893459	2963855	2930220	1.20	cps
Scandium	45-1	4707074	4817120	4722077	4748757	1.26	cps
Scandium	45-2	150792	148156	147658	148869	1.13	cps
Selenium	82-1	9	18	29	18	54.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	60	48	54	11.11	cps
Silicon	28-1	803305	800207	806039	803183	0.36	cps
Silver	107-1	383	317	433	378	15.49	cps
Silver	109-1	342	350	358	350	2.38	cps
Sodium	23-2	15108	15308	15984	15467	2.97	cps
Strontium	86-1	775	383	608	589	33.38	cps
Strontium	88-1	1442	733	958	1045	34.65	cps
Sulfur	34-1	277334	275098	275618	276017	0.42	cps
Terbium	159-1	8561969	8605542	8475768	8547760	0.77	cps
Terbium	159-2	3920266	3852107	3781997	3851457	1.80	cps
Thallium	203-1	508	400	458	456	11.90	cps
Thallium	205-1	1183	933	975	1031	13.00	cps
Tin	118-1	500	408	475	461	10.28	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:28:46	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	200	200	206	4.68	cps
Uranium	238-1	67	58	17	47	56.72	cps
Vanadium	51-2	3	10	13	9	57.30	cps
Ytterbium	172-1	42	42	33	39	12.37	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	1117	1208	1242	1189	5.44	cps
Ytterbium	176-2	8447	8236	8503	8395	1.68	cps
Yttrium	89-1	10280257	10178187	10345190	10267878	0.82	cps
Yttrium	89-2	1153938	1121977	1151154	1142356	1.55	cps
Zinc	66-2	177	223	157	186	18.44	cps
Zirconium	90-1	467	467	542	492	8.81	cps
Zirconium	91-1	125	100	67	97	30.10	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089	1072	1066	1076	1.08	cps
Antimony	121-1	9103	9228	8920	9084	1.71	cps
Arsenic	75-2	171	182	136	163	14.74	cps
Barium	135-1	11805	11405	11505	11572	1.80	cps
Barium	137-1	20850	20866	20249	20655	1.70	cps
Beryllium	9-1	2665	2662	2519	2615	3.20	cps
Bismuth	209-1	5471416	5376429	5343692	5397179	1.23	cps
Bismuth	209-2	2966899	2935781	2975347	2959342	0.70	cps
Boron	10-1	14494	14658	14827	14660	1.13	cps
Boron	11-1	59097	61072	61574	60581	2.16	cps
Bromine	81-1	51137	51648	52805	51863	1.65	cps
Cadmium	111-1	4155	4037	4038	4077	1.66	cps
Cadmium	106-1	3917	3751	3692	3787	3.08	cps
Cadmium	108-1	154	108	96	119	25.71	cps
Calcium	43-1	9344	9236	9177	9252	0.92	cps
Calcium	44-1	159058	159211	154115	157461	1.84	cps
Carbon	12-1	4326842	4347625	4296705	4323724	0.59	cps
Carbon	12-2	50170	53147	52360	51892	2.97	cps
Chlorine	35-1	751114	731811	727512	736812	1.71	cps
Chlorine	35-2	5360	5051	4509	4973	8.66	cps
Chromium	52-2	3077	3060	3077	3071	0.31	cps
Cobalt	59-2	2597	2487	2454	2512	2.99	cps
Copper	63-2	4914	4597	4904	4805	3.75	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	92	83	81	15.80	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	120	127	137	128	6.57	cps
Holmium	165-1	8494869	8537429	8315944	8449414	1.39	cps
Holmium	165-2	4078808	4056679	3986358	4040615	1.19	cps
Indium	115-1	6859247	6633366	6663858	6718824	1.82	cps
Indium	115-2	1097279	1093157	1100445	1096960	0.33	cps
Iron	54-2	3973	3628	3601	3734	5.55	cps
Iron	56-2	60171	60523	58939	59877	1.39	cps
Iron	57-2	1789	1600	1656	1682	5.77	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	326	347	330	335	3.39	cps
Lead	206-1	4434	4668	4451	4518	2.88	cps
Lead	207-1	3845	4056	3973	3958	2.69	cps
Lead	208-1	18778	18622	18283	18561	1.36	cps
Lithium	6-1	3950450	3954405	3869101	3924652	1.23	cps
Magnesium	24-2	64719	63908	63020	63882	1.33	cps
Manganese	55-2	913	867	800	860	6.62	cps
Molybdenum	94-1	11330	11046	11080	11152	1.39	cps
Molybdenum	95-1	13457	13690	13307	13485	1.43	cps
Molybdenum	96-1	14716	14908	15042	14889	1.10	cps
Molybdenum	97-1	8019	8636	7819	8158	5.22	cps
Molybdenum	98-1	22160	21909	21909	21993	0.66	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	830	647	713	730	12.71	cps
Phosphorus	31-2	133	133	108	125	11.55	cps
Potassium	39-2	60327	60000	58779	59702	1.37	cps
Rhodium	103-1	6616329	6470160	6432026	6506172	1.50	cps
Rhodium	103-2	2947542	2957099	2928622	2944421	0.49	cps
Scandium	45-1	4803576	4880248	4803773	4829199	0.92	cps
Scandium	45-2	151463	157308	152807	153859	1.99	cps
Selenium	82-1	716	615	596	642	10.05	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	100	116	104	107	7.81	cps
Silicon	28-1	854382	858988	861497	858289	0.42	cps
Silver	107-1	7552	7202	7936	7563	4.85	cps
Silver	109-1	6885	7069	7194	7049	2.20	cps
Sodium	23-2	128086	123739	122496	124773	2.35	cps
Strontium	86-1	2084	2192	2192	2156	2.90	cps
Strontium	88-1	14942	15843	15259	15348	2.98	cps
Sulfur	34-1	287602	285965	283277	285615	0.76	cps
Terbium	159-1	8624182	8614771	8570365	8603106	0.33	cps
Terbium	159-2	3941908	3843987	3905667	3897187	1.27	cps
Thallium	203-1	5026	5493	5418	5312	4.72	cps
Thallium	205-1	12256	12773	13065	12698	3.23	cps
Tin	118-1	22135	22269	21509	21971	1.85	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:31:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4409	4668	4626	4568	3.04	cps
Uranium	238-1	16570	16745	15902	16406	2.71	cps
Vanadium	51-2	5431	5218	5098	5249	3.22	cps
Ytterbium	172-1	67	67	50	61	15.75	cps
Ytterbium	172-2	17	33	28	26	32.72	cps
Ytterbium	176-1	1517	1150	1208	1292	15.25	cps
Ytterbium	176-2	8620	9276	8898	8931	3.69	cps
Yttrium	89-1	10424184	10151049	10104060	10226431	1.69	cps
Yttrium	89-2	1150721	1147332	1146819	1148291	0.18	cps
Zinc	66-2	817	777	683	759	9.02	cps
Zirconium	90-1	9470	9220	8878	9189	3.23	cps
Zirconium	91-1	2084	2050	2434	2189	9.70	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62	55	52	57	9.19	cps
Antimony	121-1	92	100	175	122	37.55	cps
Arsenic	75-2	3	1	4	3	57.28	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	17	33	42	31	41.66	cps
Beryllium	9-1	62	60	57	60	4.17	cps
Bismuth	209-1	5445207	5477299	5236861	5386456	2.42	cps
Bismuth	209-2	3097270	2609118	2950184	2885524	8.68	cps
Boron	10-1	5814	5414	5396	5541	4.27	cps
Boron	11-1	24363	22993	22499	23285	4.15	cps
Bromine	81-1	52483	53026	53488	52999	0.95	cps
Cadmium	111-1	2656	2635	2473	2588	3.87	cps
Cadmium	106-1	3817	3767	3517	3701	4.34	cps
Cadmium	108-1	29	21	8	19	53.95	cps
Calcium	43-1	104	115	97	105	8.41	cps
Calcium	44-1	7099	7169	7115	7127	0.51	cps
Carbon	12-1	4332772	4290507	4297128	4306802	0.53	cps
Carbon	12-2	51365	50638	50554	50852	0.88	cps
Chlorine	35-1	617041	608550	604845	610145	1.02	cps
Chlorine	35-2	4559	4176	4417	4384	4.42	cps
Chromium	52-2	420	433	387	413	5.81	cps
Cobalt	59-2	57	37	60	51	24.69	cps
Copper	63-2	800	880	713	798	10.45	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	33	27	30	30	11.10	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	120	107	133	120	11.11	cps
Holmium	165-1	8481700	8435125	8475768	8464198	0.30	cps
Holmium	165-2	4099515	3682703	4009115	3930444	5.58	cps
Indium	115-1	6586560	6800073	6578146	6654926	1.89	cps
Indium	115-2	1086271	1009236	1097269	1064259	4.51	cps
Iron	54-2	517	550	467	511	8.21	cps
Iron	56-2	2950	3139	3501	3197	8.74	cps
Iron	57-2	117	178	83	126	38.04	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	309	299	295	301	2.36	cps
Lead	206-1	667	761	700	709	6.75	cps
Lead	207-1	572	606	494	557	10.23	cps
Lead	208-1	2584	2911	2656	2717	6.34	cps
Lithium	6-1	3732328	3845970	3867066	3815121	1.90	cps
Magnesium	24-2	1617	1492	1583	1564	4.14	cps
Manganese	55-2	50	37	50	46	16.89	cps
Molybdenum	94-1	183	158	158	167	8.66	cps
Molybdenum	95-1	67	83	92	81	15.80	cps
Molybdenum	96-1	142	158	225	175	25.20	cps
Molybdenum	97-1	67	58	92	72	24.02	cps
Molybdenum	98-1	117	100	158	125	24.04	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	13	23	27	21	32.88	cps
Phosphorus	31-2	50	92	92	78	30.93	cps
Potassium	39-2	18504	17377	18103	17995	3.17	cps
Rhodium	103-1	6423982	6533403	6513583	6490322	0.90	cps
Rhodium	103-2	2985874	2759737	2978680	2908097	4.42	cps
Scandium	45-1	4953635	4858789	4814762	4875729	1.46	cps
Scandium	45-2	154791	141807	154584	150394	4.95	cps
Selenium	82-1	41	-4	30	22	104.09	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	59	49	53	54	9.38	cps
Silicon	28-1	800417	809870	803564	804617	0.60	cps
Silver	107-1	458	425	308	397	19.83	cps
Silver	109-1	317	283	292	297	5.84	cps
Sodium	23-2	13949	13582	14032	13854	1.73	cps
Strontium	86-1	392	517	517	475	15.19	cps
Strontium	88-1	208	208	367	261	35.01	cps
Sulfur	34-1	287434	293317	288471	289740	1.08	cps
Terbium	159-1	8605796	8387046	8707519	8566787	1.91	cps
Terbium	159-2	3916069	3579109	3841231	3778803	4.68	cps
Thallium	203-1	375	475	367	406	14.86	cps
Thallium	205-1	933	842	883	886	5.18	cps
Tin	118-1	492	592	500	528	10.51	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BL	Instrumnet Name :	P8
Client Sample ID :	PB150775BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:35:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	242	183	214	13.68	cps
Uranium	238-1	8	0	58	22	141.99	cps
Vanadium	51-2	0	3	10	4	114.60	cps
Ytterbium	172-1	58	92	33	61	47.89	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	1283	1367	1067	1239	12.50	cps
Ytterbium	176-2	8175	8053	9098	8442	6.77	cps
Yttrium	89-1	10019983	10175390	10004539	10066637	0.94	cps
Yttrium	89-2	1150470	1075691	1151398	1125853	3.86	cps
Zinc	66-2	150	180	177	169	9.74	cps
Zirconium	90-1	458	408	467	444	7.10	cps
Zirconium	91-1	92	100	92	94	5.09	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525165	512262	510095	515840	1.58	cps
Antimony	121-1	2414986	2413795	2436459	2421747	0.53	cps
Arsenic	75-2	73612	70918	70383	71638	2.42	cps
Barium	135-1	3230225	3249540	3217266	3232344	0.50	cps
Barium	137-1	5624503	5659035	5431147	5571561	2.20	cps
Beryllium	9-1	1278683	1273768	1251965	1268139	1.12	cps
Bismuth	209-1	5254764	5212235	5257637	5241545	0.49	cps
Bismuth	209-2	2842264	2865287	2845812	2851121	0.43	cps
Boron	10-1	551852	569341	572226	564473	1.95	cps
Boron	11-1	2131781	2266070	2215209	2204353	3.08	cps
Bromine	81-1	53276	50936	50824	51679	2.68	cps
Cadmium	111-1	746106	749157	752939	749401	0.46	cps
Cadmium	106-1	87763	85902	88324	87330	1.45	cps
Cadmium	108-1	60319	58231	57198	58583	2.71	cps
Calcium	43-1	1118992	1105172	1093613	1105926	1.15	cps
Calcium	44-1	16976890	17271107	16823232	17023743	1.34	cps
Carbon	12-1	5029433	5065045	5053510	5049329	0.36	cps
Carbon	12-2	63211	62374	62425	62670	0.75	cps
Chlorine	35-1	551480	545488	541777	546248	0.90	cps
Chlorine	35-2	4126	3834	3834	3931	4.28	cps
Chromium	52-2	694831	686413	677857	686367	1.24	cps
Cobalt	59-2	1273250	1254247	1218922	1248806	2.21	cps
Copper	63-2	9985463	9810491	9671261	9822405	1.60	cps
Dysprosium	156-1	275	258	200	244	16.11	cps
Dysprosium	156-2	117	73	100	97	22.62	cps
Erbium	164-1	83	75	133	97	32.45	cps
Erbium	164-2	43	50	57	50	13.34	cps
Gadolinium	160-1	208	258	258	242	11.94	cps
Gadolinium	160-2	243	187	183	204	16.49	cps
Holmium	165-1	8585036	8460176	8464210	8503141	0.83	cps
Holmium	165-2	3913469	3890379	3969697	3924515	1.04	cps
Indium	115-1	6516955	6599512	6616078	6577515	0.81	cps
Indium	115-2	1036779	1039693	1054541	1043671	0.91	cps
Iron	54-2	1758028	1741803	1733345	1744392	0.72	cps
Iron	56-2	31413101	30594056	30354299	30787152	1.80	cps
Iron	57-2	754903	745902	741313	747373	0.92	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	329	302	339	323	5.79	cps
Lead	206-1	11343248	11352806	10896418	11197491	2.33	cps
Lead	207-1	10384137	10196929	10033339	10204802	1.72	cps
Lead	208-1	46617450	46697161	45220789	46178467	1.80	cps
Lithium	6-1	3857958	3834691	3811810	3834820	0.60	cps
Magnesium	24-2	6781131	6726633	6716730	6741498	0.51	cps
Manganese	55-2	3928140	3999345	3870364	3932617	1.64	cps
Molybdenum	94-1	9804712	9722958	9554112	9693927	1.32	cps
Molybdenum	95-1	14515542	14021784	13776741	14104689	2.67	cps
Molybdenum	96-1	15530093	15187231	15247690	15321672	1.19	cps
Molybdenum	97-1	8613380	8431074	8577335	8540596	1.13	cps
Molybdenum	98-1	22408232	22612129	22249511	22423291	0.81	cps
Neodymium	150-1	527	473	327	442	23.42	cps
Neodymium	150-2	27	30	40	32	21.53	cps
Nickel	60-2	342557	335791	328193	335514	2.14	cps
Phosphorus	31-2	29414	28161	28637	28737	2.20	cps
Potassium	39-2	2315642	2325447	2219685	2286925	2.56	cps
Rhodium	103-1	6257754	6106707	6199013	6187825	1.23	cps
Rhodium	103-2	2710152	2861586	2803144	2791627	2.74	cps
Scandium	45-1	4873567	4895476	4939011	4902685	0.68	cps
Scandium	45-2	151393	152244	150152	151263	0.70	cps
Selenium	82-1	61828	61261	60747	61279	0.88	cps
Selenium	77-2	1980	1840	1683	1835	8.09	cps
Selenium	78-2	6305	6191	6176	6224	1.13	cps
Silicon	28-1	41911171	40695461	40891479	41166037	1.59	cps
Silver	107-1	3460733	3326031	3386586	3391117	1.99	cps
Silver	109-1	3165063	3260037	3224529	3216543	1.49	cps
Sodium	23-2	12415095	12118921	12189353	12241123	1.26	cps
Strontium	86-1	22678077	22806390	22945417	22809961	0.59	cps
Strontium	88-1	191748796	199168296	193425254	194780782	2.00	cps
Sulfur	34-1	685241	679138	669378	677919	1.18	cps
Terbium	159-1	8617310	8524925	8447173	8529802	1.00	cps
Terbium	159-2	3774478	3917346	3787818	3826547	2.06	cps
Thallium	203-1	2731756	2757570	2642533	2710619	2.23	cps
Thallium	205-1	6504581	6418748	6090533	6337954	3.45	cps
Tin	118-1	2291972	2291844	2333990	2305935	1.05	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	PB150775BS	Instrumnet Name :	P8
Client Sample ID :	PB150775BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:38:18	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4558343	4395506	4439570	4464473	1.89	cps
Uranium	238-1	9033201	8815975	8937851	8929009	1.22	cps
Vanadium	51-2	560378	550219	544528	551708	1.46	cps
Ytterbium	172-1	167	75	150	131	37.40	cps
Ytterbium	172-2	61	61	67	63	5.10	cps
Ytterbium	176-1	13299	13399	12548	13082	3.56	cps
Ytterbium	176-2	13858	13774	13997	13876	0.81	cps
Yttrium	89-1	10015591	10358002	10172677	10182090	1.68	cps
Yttrium	89-2	1140416	1133425	1140539	1138127	0.36	cps
Zinc	66-2	1261343	1219420	1207224	1229329	2.31	cps
Zirconium	90-1	4959668	5043971	4943847	4982496	1.08	cps
Zirconium	91-1	1124266	1124293	1102898	1117152	1.11	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21180	20258	20226	20555	2.64	cps
Antimony	121-1	783	1000	992	925	13.27	cps
Arsenic	75-2	182	158	201	180	11.95	cps
Barium	135-1	228798	229448	224750	227665	1.12	cps
Barium	137-1	392758	397675	388906	393113	1.12	cps
Beryllium	9-1	629	524	502	552	12.25	cps
Bismuth	209-1	5333118	5417961	5512088	5421056	1.65	cps
Bismuth	209-2	2991006	3020415	2816777	2942733	3.74	cps
Boron	10-1	21369	21345	20893	21202	1.27	cps
Boron	11-1	88519	88290	89811	88873	0.92	cps
Bromine	81-1	72210	77120	77533	75621	3.92	cps
Cadmium	111-1	2588	2509	2588	2562	1.78	cps
Cadmium	106-1	3526	3567	3642	3578	1.65	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	388131	382589	380227	383649	1.06	cps
Calcium	44-1	6282036	6217729	6149516	6216427	1.07	cps
Carbon	12-1	5711581	6175170	6509091	6131947	6.53	cps
Carbon	12-2	82314	82909	83270	82831	0.58	cps
Chlorine	35-1	533575	551701	565313	550196	2.89	cps
Chlorine	35-2	4126	4134	3834	4031	4.24	cps
Chromium	52-2	2967	2870	2960	2933	1.84	cps
Cobalt	59-2	3587	3681	3410	3559	3.85	cps
Copper	63-2	4124	3984	4104	4071	1.86	cps
Dysprosium	156-1	1909	1967	1800	1892	4.47	cps
Dysprosium	156-2	837	757	810	801	5.08	cps
Erbium	164-1	2409	2292	2384	2361	2.60	cps
Erbium	164-2	923	1037	977	979	5.79	cps
Gadolinium	160-1	2159	2009	2275	2147	6.23	cps
Gadolinium	160-2	1117	1030	1150	1099	5.64	cps
Holmium	165-1	8263941	8488321	8188967	8313743	1.87	cps
Holmium	165-2	4031669	4051969	3882843	3988827	2.32	cps
Indium	115-1	6670990	6740525	6637287	6682934	0.79	cps
Indium	115-2	1112881	1125091	1041690	1093221	4.12	cps
Iron	54-2	152440	150167	147015	149874	1.82	cps
Iron	56-2	2885778	2796879	2856810	2846489	1.59	cps
Iron	57-2	69056	69636	68682	69125	0.70	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	317	312	310	313	1.22	cps
Lead	206-1	9126	8453	8192	8590	5.61	cps
Lead	207-1	7847	6596	6863	7102	9.28	cps
Lead	208-1	36454	31860	33040	33785	7.06	cps
Lithium	6-1	3744723	3769837	3763723	3759428	0.35	cps
Magnesium	24-2	683180	656222	654975	664792	2.40	cps
Manganese	55-2	207911	202531	204830	205091	1.32	cps
Molybdenum	94-1	3617	2417	2542	2859	23.08	cps
Molybdenum	95-1	5068	3734	3659	4154	19.08	cps
Molybdenum	96-1	5568	4126	4226	4640	17.36	cps
Molybdenum	97-1	3517	2284	2184	2661	27.91	cps
Molybdenum	98-1	8103	5726	5268	6366	23.91	cps
Neodymium	150-1	1787	1994	1980	1920	6.02	cps
Neodymium	150-2	670	547	510	576	14.56	cps
Nickel	60-2	1357	1450	1337	1381	4.38	cps
Phosphorus	31-2	608	583	567	586	3.58	cps
Potassium	39-2	696715	663209	678533	679485	2.47	cps
Rhodium	103-1	6299773	6231789	6214468	6248677	0.72	cps
Rhodium	103-2	3012775	2946072	2817392	2925413	3.39	cps
Scandium	45-1	4746020	4857077	4814130	4805742	1.17	cps
Scandium	45-2	154082	157241	145102	152142	4.14	cps
Selenium	82-1	60	54	46	53	12.91	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	58	54	51	54	6.46	cps
Silicon	28-1	52994518	52107603	51460526	52187549	1.48	cps
Silver	107-1	158	167	108	144	21.84	cps
Silver	109-1	117	83	75	92	24.05	cps
Sodium	23-2	1264735	1233863	1229799	1242799	1.54	cps
Strontium	86-1	505905	505713	504680	505433	0.13	cps
Strontium	88-1	4356157	4414633	4357670	4376153	0.76	cps
Sulfur	34-1	325409	322501	316818	321576	1.36	cps
Terbium	159-1	8615170	8669604	8537744	8607506	0.77	cps
Terbium	159-2	3985450	3991399	3728802	3901883	3.84	cps
Thallium	203-1	600	433	283	439	36.09	cps
Thallium	205-1	1617	1175	850	1214	31.70	cps
Tin	118-1	1975	1742	1792	1836	6.69	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:46:38	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12314	12147	11847	12103	1.95	cps
Uranium	238-1	1950	1267	1142	1453	29.95	cps
Vanadium	51-2	1667	1560	1797	1675	7.08	cps
Ytterbium	172-1	608	550	483	547	11.43	cps
Ytterbium	172-2	178	256	206	213	18.51	cps
Ytterbium	176-1	1350	1575	1625	1517	9.66	cps
Ytterbium	176-2	8586	8848	8620	8684	1.64	cps
Yttrium	89-1	10142941	10245718	10034193	10140951	1.04	cps
Yttrium	89-2	1176589	1182359	1104648	1154532	3.75	cps
Zinc	66-2	10417	10631	10747	10598	1.58	cps
Zirconium	90-1	1508	1483	1550	1514	2.22	cps
Zirconium	91-1	517	300	292	369	34.53	cps

LB Number : LB124105 Operator : Jaswal
 Lab Sample ID : O1516-03 Instrumnet Name : P8
 Client Sample ID : OWBR-01-160-180-0209 Dilution Factor : 1
 Date & Time Acquired : 2023-02-15 14:49:44 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13050	12924	12548	12841	2.04	cps
Antimony	121-1	3175	2859	3167	3067	5.89	cps
Arsenic	75-2	678	601	600	626	7.14	cps
Barium	135-1	294627	297600	294154	295461	0.63	cps
Barium	137-1	520845	518277	515935	518352	0.47	cps
Beryllium	9-1	180	360	117	219	57.45	cps
Bismuth	209-1	5269970	5144005	5182918	5198964	1.24	cps
Bismuth	209-2	2815496	2907272	2767360	2830043	2.51	cps
Boron	10-1	22599	22895	22809	22768	0.67	cps
Boron	11-1	96164	96946	95636	96249	0.69	cps
Bromine	81-1	121962	132830	138177	130990	6.31	cps
Cadmium	111-1	2297	2287	2527	2370	5.74	cps
Cadmium	106-1	3209	3200	3584	3331	6.57	cps
Cadmium	108-1	46	71	63	60	21.32	cps
Calcium	43-1	1323444	1315383	1323495	1320774	0.35	cps
Calcium	44-1	21015308	21260617	20776867	21017597	1.15	cps
Carbon	12-1	9949231	10664153	11175865	10596416	5.81	cps
Carbon	12-2	141341	143698	145549	143529	1.47	cps
Chlorine	35-1	1530252	1604808	1695071	1610044	5.13	cps
Chlorine	35-2	13306	13648	13490	13482	1.27	cps
Chromium	52-2	15455	15358	14828	15214	2.22	cps
Cobalt	59-2	13233	13029	12966	13076	1.07	cps
Copper	63-2	1980	2080	2090	2050	2.97	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	92	67	133	97	34.64	cps
Erbium	164-2	40	27	37	34	20.14	cps
Gadolinium	160-1	42	42	100	61	55.11	cps
Gadolinium	160-2	137	103	163	134	22.36	cps
Holmium	165-1	8407341	8205572	8500024	8370979	1.80	cps
Holmium	165-2	3863688	3827170	3854212	3848356	0.49	cps
Indium	115-1	6586759	6451195	6512877	6516944	1.04	cps
Indium	115-2	1054372	1051626	1049093	1051697	0.25	cps
Iron	54-2	131355	132543	129241	131046	1.28	cps
Iron	56-2	2490449	2506253	2446290	2480997	1.25	cps
Iron	57-2	62548	61722	61332	61867	1.00	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:49:44	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	302	284	307	298	4.20	cps
Lead	206-1	2906	2795	2289	2663	12.34	cps
Lead	207-1	2623	2556	2011	2397	13.99	cps
Lead	208-1	12615	11180	9324	11040	14.95	cps
Lithium	6-1	3936449	3802128	3937857	3892145	2.00	cps
Magnesium	24-2	646173	640096	638834	641701	0.61	cps
Manganese	55-2	82456	82647	80278	81794	1.61	cps
Molybdenum	94-1	80132	80676	78496	79768	1.42	cps
Molybdenum	95-1	141198	141037	135778	139338	2.21	cps
Molybdenum	96-1	148953	150546	148893	149464	0.63	cps
Molybdenum	97-1	84801	86554	85876	85744	1.03	cps
Molybdenum	98-1	218095	226694	223541	222776	1.95	cps
Neodymium	150-1	73	73	53	67	17.33	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	2767	2650	2604	2674	3.15	cps
Phosphorus	31-2	117	108	67	97	27.55	cps
Potassium	39-2	5208186	5169190	5053934	5143770	1.56	cps
Rhodium	103-1	5984022	6198414	6298969	6160468	2.61	cps
Rhodium	103-2	2804124	2840898	2812088	2819037	0.69	cps
Scandium	45-1	4770047	4716743	4743887	4743559	0.56	cps
Scandium	45-2	149585	146156	149108	148283	1.25	cps
Selenium	82-1	182	265	206	218	19.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	58	49	54	8.40	cps
Silicon	28-1	32997911	32995155	33152664	33048577	0.27	cps
Silver	107-1	133	142	92	122	21.92	cps
Silver	109-1	125	33	92	83	55.68	cps
Sodium	23-2	5593017	5579917	5515119	5562684	0.75	cps
Strontium	86-1	1840585	1829249	1816120	1828651	0.67	cps
Strontium	88-1	15635374	15715822	15518884	15623360	0.63	cps
Sulfur	34-1	1009416	1024676	1015622	1016571	0.75	cps
Terbium	159-1	8478941	8442313	8455441	8458898	0.22	cps
Terbium	159-2	3830538	3758218	3799570	3796109	0.96	cps
Thallium	203-1	450	333	283	356	24.06	cps
Thallium	205-1	992	825	583	800	25.66	cps
Tin	118-1	2567	2750	2952	2756	6.99	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:49:44	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1542	1942	1433	1639	16.34	cps
Uranium	238-1	3361	2059	1792	2404	34.93	cps
Vanadium	51-2	3657	3811	3831	3766	2.52	cps
Ytterbium	172-1	92	83	50	75	29.40	cps
Ytterbium	172-2	44	22	39	35	32.88	cps
Ytterbium	176-1	1200	1250	1425	1292	9.15	cps
Ytterbium	176-2	8375	8520	8008	8301	3.18	cps
Yttrium	89-1	9894163	9966579	9815300	9892014	0.76	cps
Yttrium	89-2	1119171	1119751	1118436	1119119	0.06	cps
Zinc	66-2	2907	3047	2837	2930	3.65	cps
Zirconium	90-1	833	1017	733	861	16.69	cps
Zirconium	91-1	142	200	158	167	18.03	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	1141	1112	1151	3.87	cps
Antimony	121-1	542	600	575	572	5.11	cps
Arsenic	75-2	162	159	178	166	6.14	cps
Barium	135-1	211913	212569	209145	211209	0.86	cps
Barium	137-1	373842	368190	356802	366278	2.37	cps
Beryllium	9-1	221	201	176	200	11.30	cps
Bismuth	209-1	5426112	5478687	5156494	5353764	3.23	cps
Bismuth	209-2	2939185	2879794	3032025	2950335	2.60	cps
Boron	10-1	15833	16298	16146	16092	1.47	cps
Boron	11-1	69315	70016	68632	69321	1.00	cps
Bromine	81-1	95108	104152	105200	101487	5.47	cps
Cadmium	111-1	2857	2634	2349	2613	9.75	cps
Cadmium	106-1	3934	3809	3376	3706	7.91	cps
Cadmium	108-1	25	58	50	44	39.03	cps
Calcium	43-1	363667	361995	359175	361612	0.63	cps
Calcium	44-1	5733273	5801077	5706832	5747061	0.85	cps
Carbon	12-1	5561203	5834393	6066016	5820537	4.34	cps
Carbon	12-2	76725	75737	75485	75983	0.86	cps
Chlorine	35-1	761031	760454	752799	758095	0.61	cps
Chlorine	35-2	5118	5685	5101	5301	6.27	cps
Chromium	52-2	2017	1927	1957	1967	2.33	cps
Cobalt	59-2	2754	2837	2767	2786	1.61	cps
Copper	63-2	1620	1710	1683	1671	2.77	cps
Dysprosium	156-1	92	58	83	78	22.31	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	92	108	125	108	15.38	cps
Erbium	164-2	37	40	57	44	24.11	cps
Gadolinium	160-1	133	125	75	111	28.40	cps
Gadolinium	160-2	163	133	157	151	10.42	cps
Holmium	165-1	8305037	8706297	7877441	8296258	5.00	cps
Holmium	165-2	4033793	3924755	3986062	3981537	1.37	cps
Indium	115-1	6718905	6790339	6380226	6629824	3.30	cps
Indium	115-2	1082467	1070190	1065805	1072821	0.81	cps
Iron	54-2	91905	91185	87327	90139	2.73	cps
Iron	56-2	1766534	1700127	1612051	1692904	4.58	cps
Iron	57-2	41973	41032	40179	41061	2.19	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	345	335	281	320	10.70	cps
Lead	206-1	2423	2311	2067	2267	8.03	cps
Lead	207-1	2128	1872	1739	1913	10.33	cps
Lead	208-1	9863	8751	8212	8942	9.41	cps
Lithium	6-1	3900933	3898523	3754875	3851444	2.17	cps
Magnesium	24-2	618374	597963	608088	608141	1.68	cps
Manganese	55-2	186886	180437	175808	181043	3.07	cps
Molybdenum	94-1	3092	2267	2225	2528	19.35	cps
Molybdenum	95-1	4944	3717	3617	4093	18.05	cps
Molybdenum	96-1	5361	3951	3992	4435	18.10	cps
Molybdenum	97-1	3401	2234	2400	2678	23.57	cps
Molybdenum	98-1	7053	5568	5526	6049	14.38	cps
Neodymium	150-1	120	120	87	109	17.67	cps
Neodymium	150-2	37	33	30	33	10.01	cps
Nickel	60-2	963	993	1070	1009	5.45	cps
Phosphorus	31-2	250	242	208	233	9.45	cps
Potassium	39-2	654924	640048	623378	639450	2.47	cps
Rhodium	103-1	6519573	6455629	5828149	6267784	6.10	cps
Rhodium	103-2	2909561	2852765	2904380	2888902	1.09	cps
Scandium	45-1	4731466	4933566	4591470	4752167	3.62	cps
Scandium	45-2	152184	150577	149051	150604	1.04	cps
Selenium	82-1	10	41	107	53	94.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	54	48	47	14.85	cps
Silicon	28-1	49358299	49639229	48952306	49316612	0.70	cps
Silver	107-1	158	108	83	117	32.73	cps
Silver	109-1	108	92	58	86	29.57	cps
Sodium	23-2	1158353	1156357	1177686	1164132	1.01	cps
Strontium	86-1	473648	476447	458697	469597	2.03	cps
Strontium	88-1	4139958	4182738	3978864	4100520	2.62	cps
Sulfur	34-1	316598	315259	313131	314996	0.56	cps
Terbium	159-1	8896368	8737093	8158758	8597406	4.51	cps
Terbium	159-2	3916050	3848640	3833457	3866049	1.14	cps
Thallium	203-1	358	333	192	294	30.53	cps
Thallium	205-1	767	542	475	594	25.71	cps
Tin	118-1	2250	2317	2234	2267	1.95	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-06	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:52:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1750	1658	1533	1647	6.60	cps
Uranium	238-1	700	308	442	483	41.20	cps
Vanadium	51-2	207	200	217	208	4.04	cps
Ytterbium	172-1	58	58	92	69	27.72	cps
Ytterbium	172-2	11	28	44	28	60.01	cps
Ytterbium	176-1	1233	1283	1267	1261	2.02	cps
Ytterbium	176-2	8542	8481	9053	8692	3.62	cps
Yttrium	89-1	10234369	10371554	9295738	9967221	5.87	cps
Yttrium	89-2	1141460	1132164	1136081	1136568	0.41	cps
Zinc	66-2	4784	4587	4547	4640	2.73	cps
Zirconium	90-1	967	667	692	775	21.48	cps
Zirconium	91-1	258	142	108	169	46.48	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1930	1812	1782	1842	4.23	cps
Antimony	121-1	2959	2742	2850	2850	3.80	cps
Arsenic	75-2	492	462	504	486	4.45	cps
Barium	135-1	270360	267905	269780	269348	0.48	cps
Barium	137-1	473031	458500	470019	467183	1.64	cps
Beryllium	9-1	64	47	76	62	23.07	cps
Bismuth	209-1	5126082	5311541	5235415	5224346	1.78	cps
Bismuth	209-2	2791113	2879684	2867731	2846176	1.69	cps
Boron	10-1	19485	21057	20652	20398	4.00	cps
Boron	11-1	85643	87924	86062	86543	1.40	cps
Bromine	81-1	70711	73096	73551	72453	2.11	cps
Cadmium	111-1	2582	2299	2513	2465	5.99	cps
Cadmium	106-1	3642	3351	3559	3517	4.27	cps
Cadmium	108-1	54	96	58	69	33.05	cps
Calcium	43-1	1287264	1277248	1292664	1285725	0.61	cps
Calcium	44-1	20589545	20057537	20806410	20484497	1.88	cps
Carbon	12-1	4943518	5203547	5350598	5165888	3.99	cps
Carbon	12-2	66501	68167	68853	67840	1.78	cps
Chlorine	35-1	1564040	1601994	1688042	1618025	3.93	cps
Chlorine	35-2	13640	14066	13565	13757	1.96	cps
Chromium	52-2	1377	1217	1247	1280	6.64	cps
Cobalt	59-2	283	277	293	284	2.95	cps
Copper	63-2	1353	1143	1277	1258	8.45	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	58	50	58	56	8.66	cps
Gadolinium	160-2	100	107	163	123	28.22	cps
Holmium	165-1	8421667	8320810	8458928	8400468	0.85	cps
Holmium	165-2	4043103	4108030	4017076	4056070	1.15	cps
Indium	115-1	6477586	6656304	6696539	6610143	1.76	cps
Indium	115-2	1090061	1070797	1077589	1079483	0.91	cps
Iron	54-2	1822	1750	1622	1732	5.85	cps
Iron	56-2	23219	22512	23058	22930	1.62	cps
Iron	57-2	3011	3223	3067	3100	3.53	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	377	339	341	10.28	cps
Lead	206-1	1750	1767	1906	1808	4.73	cps
Lead	207-1	1533	1550	1533	1539	0.63	cps
Lead	208-1	6862	7129	7301	7097	3.12	cps
Lithium	6-1	3637760	3806688	3860910	3768453	3.09	cps
Magnesium	24-2	576901	569825	566395	571041	0.94	cps
Manganese	55-2	1740	1680	1450	1623	9.43	cps
Molybdenum	94-1	79462	82889	80090	80813	2.26	cps
Molybdenum	95-1	145375	143741	143031	144049	0.83	cps
Molybdenum	96-1	154926	153796	152399	153707	0.82	cps
Molybdenum	97-1	89364	89707	86587	88553	1.93	cps
Molybdenum	98-1	234130	233238	228513	231961	1.30	cps
Neodymium	150-1	47	27	40	38	26.95	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	397	350	300	349	13.86	cps
Phosphorus	31-2	100	133	158	131	22.42	cps
Potassium	39-2	5429998	5400028	5251070	5360365	1.79	cps
Rhodium	103-1	6163669	6307218	6244438	6238442	1.15	cps
Rhodium	103-2	2906516	2877146	2857385	2880349	0.86	cps
Scandium	45-1	4813569	4869090	4956821	4879827	1.48	cps
Scandium	45-2	153433	154350	153397	153727	0.35	cps
Selenium	82-1	170	82	125	126	34.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	50	56	56	9.89	cps
Silicon	28-1	29626365	30051100	28869985	29515817	2.03	cps
Silver	107-1	133	75	83	97	32.45	cps
Silver	109-1	100	117	75	97	21.57	cps
Sodium	23-2	5938750	5772148	5605142	5772013	2.89	cps
Strontium	86-1	1825060	1859522	1870007	1851530	1.27	cps
Strontium	88-1	16483951	15831655	16008411	16108006	2.09	cps
Sulfur	34-1	1049962	1059661	1042901	1050841	0.80	cps
Terbium	159-1	8437418	8425432	8419067	8427306	0.11	cps
Terbium	159-2	3896013	3934883	3891524	3907473	0.61	cps
Thallium	203-1	208	217	200	208	4.00	cps
Thallium	205-1	558	650	492	567	14.03	cps
Tin	118-1	1792	1508	1942	1747	12.60	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-07	Instrumnet Name :	P8
Client Sample ID :	OWBR-01-160-180-0209	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:55:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1242	1000	1192	1145	11.15	cps
Uranium	238-1	100	67	83	83	20.00	cps
Vanadium	51-2	1173	1140	1080	1131	4.18	cps
Ytterbium	172-1	83	42	75	67	33.07	cps
Ytterbium	172-2	44	44	28	39	24.75	cps
Ytterbium	176-1	1383	1225	1283	1297	6.17	cps
Ytterbium	176-2	8636	8914	9192	8914	3.12	cps
Yttrium	89-1	10213712	9938849	10230258	10127606	1.62	cps
Yttrium	89-2	1167400	1146684	1140276	1151453	1.23	cps
Zinc	66-2	1677	1707	1670	1685	1.16	cps
Zirconium	90-1	492	483	575	517	9.81	cps
Zirconium	91-1	117	100	92	103	12.39	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11448	11114	11112	11225	1.72	cps
Antimony	121-1	1075	975	867	972	10.72	cps
Arsenic	75-2	838	832	853	841	1.29	cps
Barium	135-1	387040	396582	388169	390597	1.33	cps
Barium	137-1	681299	686013	679936	682416	0.47	cps
Beryllium	9-1	107	82	69	86	22.78	cps
Bismuth	209-1	5446223	5388234	5456973	5430477	0.68	cps
Bismuth	209-2	2911135	2922529	2931399	2921688	0.35	cps
Boron	10-1	35440	37065	37524	36676	2.99	cps
Boron	11-1	152956	156562	155152	154890	1.17	cps
Bromine	81-1	97960	102176	108892	103009	5.35	cps
Cadmium	111-1	2475	2540	2585	2533	2.19	cps
Cadmium	106-1	3426	3592	3692	3570	3.77	cps
Cadmium	108-1	33	29	42	35	18.33	cps
Calcium	43-1	1223707	1237032	1221308	1227349	0.69	cps
Calcium	44-1	20142672	20109969	19443635	19898759	1.98	cps
Carbon	12-1	10389922	11028170	11273313	10897135	4.18	cps
Carbon	12-2	143125	142672	140609	142135	0.94	cps
Chlorine	35-1	1817107	1884103	1915003	1872071	2.67	cps
Chlorine	35-2	14833	15350	15342	15175	1.95	cps
Chromium	52-2	48525	46412	46629	47189	2.46	cps
Cobalt	59-2	207	243	217	222	8.53	cps
Copper	63-2	3447	3364	3294	3368	2.28	cps
Dysprosium	156-1	50	50	100	67	43.30	cps
Dysprosium	156-2	23	47	17	29	54.53	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	27	30	47	34	31.11	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	127	87	130	114	21.07	cps
Holmium	165-1	8353585	8559134	8479783	8464167	1.22	cps
Holmium	165-2	4056218	3960701	4077848	4031589	1.55	cps
Indium	115-1	6828943	6635936	6880492	6781790	1.90	cps
Indium	115-2	1090778	1086036	1103069	1093294	0.80	cps
Iron	54-2	9765	9498	9676	9646	1.41	cps
Iron	56-2	151470	144991	144161	146874	2.72	cps
Iron	57-2	6163	6413	6124	6233	2.52	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	337	314	310	320	4.65	cps
Lead	206-1	2450	2217	1822	2163	14.67	cps
Lead	207-1	2111	1700	1478	1763	18.23	cps
Lead	208-1	9846	7990	7168	8335	16.46	cps
Lithium	6-1	3845062	3982961	3882028	3903350	1.83	cps
Magnesium	24-2	1301092	1230921	1227803	1253272	3.31	cps
Manganese	55-2	51198	51011	50402	50870	0.82	cps
Molybdenum	94-1	46186	48193	46671	47016	2.23	cps
Molybdenum	95-1	82983	85505	82210	83566	2.06	cps
Molybdenum	96-1	89052	91535	90001	90196	1.39	cps
Molybdenum	97-1	51563	52700	50852	51705	1.80	cps
Molybdenum	98-1	133565	134743	130487	132932	1.65	cps
Neodymium	150-1	107	80	80	89	17.32	cps
Neodymium	150-2	27	27	10	21	45.58	cps
Nickel	60-2	833	943	1043	940	11.18	cps
Phosphorus	31-2	233	283	242	253	10.60	cps
Potassium	39-2	2510293	2460399	2401707	2457467	2.21	cps
Rhodium	103-1	6328082	6467935	6451470	6415829	1.19	cps
Rhodium	103-2	3035161	2946072	2934205	2971813	1.86	cps
Scandium	45-1	5022391	4962042	4918366	4967600	1.05	cps
Scandium	45-2	153539	152615	155489	153881	0.95	cps
Selenium	82-1	129	94	114	112	15.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	48	48	48	0.00	cps
Silicon	28-1	69245058	68594754	67911299	68583704	0.97	cps
Silver	107-1	125	108	92	108	15.38	cps
Silver	109-1	33	50	67	50	33.34	cps
Sodium	23-2	5002380	4965791	4875530	4947900	1.32	cps
Strontium	86-1	1809952	1815826	1763610	1796463	1.59	cps
Strontium	88-1	15349721	15412781	15402772	15388424	0.22	cps
Sulfur	34-1	557211	550760	545080	551017	1.10	cps
Terbium	159-1	8656585	8662949	8799342	8706292	0.93	cps
Terbium	159-2	3868568	3966216	3901324	3912036	1.27	cps
Thallium	203-1	383	200	175	253	45.00	cps
Thallium	205-1	692	600	650	647	7.09	cps
Tin	118-1	1433	1258	1367	1353	6.53	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-02	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 14:59:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2834	2509	2525	2623	6.98	cps
Uranium	238-1	2050	1600	1750	1800	12.73	cps
Vanadium	51-2	24631	25039	23917	24529	2.32	cps
Ytterbium	172-1	75	50	58	61	20.83	cps
Ytterbium	172-2	22	33	72	43	61.65	cps
Ytterbium	176-1	1208	1325	1192	1242	5.85	cps
Ytterbium	176-2	8620	8992	9409	9007	4.39	cps
Yttrium	89-1	10245866	10459545	10349564	10351659	1.03	cps
Yttrium	89-2	1166463	1158740	1170583	1165262	0.52	cps
Zinc	66-2	3357	3124	3197	3226	3.70	cps
Zirconium	90-1	1233	1158	1083	1158	6.47	cps
Zirconium	91-1	258	183	208	217	17.62	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9634	9623	9434	9564	1.18	cps
Antimony	121-1	750	667	750	722	6.66	cps
Arsenic	75-2	858	849	873	860	1.41	cps
Barium	135-1	327551	331560	319917	326343	1.81	cps
Barium	137-1	573846	570587	567590	570674	0.55	cps
Beryllium	9-1	72	81	45	66	28.56	cps
Bismuth	209-1	5560950	5497703	5448705	5502453	1.02	cps
Bismuth	209-2	2924303	2875399	2877173	2892291	0.96	cps
Boron	10-1	34808	35991	36476	35758	2.40	cps
Boron	11-1	152124	157991	155661	155259	1.90	cps
Bromine	81-1	108186	118084	115178	113816	4.47	cps
Cadmium	111-1	2953	2615	2503	2691	8.70	cps
Cadmium	106-1	4167	3684	3534	3795	8.72	cps
Cadmium	108-1	50	25	29	35	38.57	cps
Calcium	43-1	1046947	1042411	1034809	1041389	0.59	cps
Calcium	44-1	16789866	16856753	16573523	16740047	0.88	cps
Carbon	12-1	10004984	10613875	10980853	10533237	4.68	cps
Carbon	12-2	133613	132251	132418	132761	0.56	cps
Chlorine	35-1	1919364	2005612	2006113	1977030	2.53	cps
Chlorine	35-2	15626	15667	15851	15714	0.76	cps
Chromium	52-2	44031	43406	41845	43094	2.61	cps
Cobalt	59-2	187	177	160	174	7.72	cps
Copper	63-2	2817	2854	2734	2801	2.20	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	108	83	67	86	24.35	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	67	67	58	64	7.54	cps
Gadolinium	160-2	160	150	140	150	6.67	cps
Holmium	165-1	8610269	8482406	8723318	8605331	1.40	cps
Holmium	165-2	4149665	4123491	3978637	4083931	2.26	cps
Indium	115-1	6942946	6873726	7038025	6951566	1.19	cps
Indium	115-2	1119093	1107536	1091745	1106125	1.24	cps
Iron	54-2	4223	4367	3901	4164	5.74	cps
Iron	56-2	44224	43277	43673	43725	1.09	cps
Iron	57-2	3389	3373	3095	3286	5.04	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	319	310	289	306	5.05	cps
Lead	206-1	1261	1245	1156	1220	4.65	cps
Lead	207-1	1089	1045	972	1035	5.69	cps
Lead	208-1	5106	4912	4762	4926	3.51	cps
Lithium	6-1	3859126	3817361	3881735	3852741	0.85	cps
Magnesium	24-2	1213842	1132447	1146857	1164382	3.73	cps
Manganese	55-2	28465	26601	26809	27292	3.74	cps
Molybdenum	94-1	49104	48762	48394	48753	0.73	cps
Molybdenum	95-1	86445	87744	84716	86301	1.76	cps
Molybdenum	96-1	89521	93365	91762	91549	2.11	cps
Molybdenum	97-1	54474	53420	53646	53847	1.03	cps
Molybdenum	98-1	138162	134996	136613	136590	1.16	cps
Neodymium	150-1	60	60	27	49	39.36	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	517	493	427	479	9.75	cps
Phosphorus	31-2	142	183	175	167	13.23	cps
Potassium	39-2	2537894	2525250	2496387	2519844	0.84	cps
Rhodium	103-1	6340765	6429818	6328836	6366473	0.87	cps
Rhodium	103-2	3016713	2997530	2839725	2951323	3.29	cps
Scandium	45-1	4917678	4916780	4935222	4923227	0.21	cps
Scandium	45-2	156413	155967	155381	155920	0.33	cps
Selenium	82-1	109	164	99	124	28.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	65	46	53	20.31	cps
Silicon	28-1	66628916	67424841	66012987	66688915	1.06	cps
Silver	107-1	108	58	133	100	38.19	cps
Silver	109-1	83	50	25	53	55.46	cps
Sodium	23-2	5071945	4902312	4884220	4952826	2.09	cps
Strontium	86-1	1615091	1634460	1558048	1602533	2.48	cps
Strontium	88-1	13824670	14213994	13468643	13835769	2.69	cps
Sulfur	34-1	551544	553016	541974	548844	1.09	cps
Terbium	159-1	8926486	8741680	8641208	8769792	1.65	cps
Terbium	159-2	3956088	3987147	3956653	3966629	0.45	cps
Thallium	203-1	225	175	200	200	12.50	cps
Thallium	205-1	475	525	442	481	8.73	cps
Tin	118-1	1133	1125	1008	1089	6.42	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-03	Instrumnet Name :	P8
Client Sample ID :	OWBR-03-128-148-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:02:05	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1808	1792	1792	1797	0.54	cps
Uranium	238-1	1617	1417	1467	1500	6.94	cps
Vanadium	51-2	25219	25686	24237	25048	2.95	cps
Ytterbium	172-1	67	17	75	53	59.77	cps
Ytterbium	172-2	17	22	50	30	60.27	cps
Ytterbium	176-1	1275	1517	1442	1411	8.77	cps
Ytterbium	176-2	9098	9404	9170	9224	1.73	cps
Yttrium	89-1	10373923	10337689	10395172	10368928	0.28	cps
Yttrium	89-2	1194386	1194782	1170880	1186683	1.15	cps
Zinc	66-2	1633	1557	1467	1552	5.37	cps
Zirconium	90-1	558	492	567	539	7.63	cps
Zirconium	91-1	92	142	42	92	54.54	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8579	8434	8692	8568	1.51	cps
Antimony	121-1	2075	2442	2425	2314	8.95	cps
Arsenic	75-2	244	238	240	241	1.27	cps
Barium	135-1	122965	125422	123479	123955	1.05	cps
Barium	137-1	217806	218905	218798	218503	0.28	cps
Beryllium	9-1	57	56	91	68	29.06	cps
Bismuth	209-1	5446145	5413662	5594703	5484837	1.76	cps
Bismuth	209-2	2978095	2891128	2293085	2720769	13.71	cps
Boron	10-1	39742	40397	40187	40109	0.83	cps
Boron	11-1	170202	174770	177045	174006	2.00	cps
Bromine	81-1	77413	80292	80324	79343	2.11	cps
Cadmium	111-1	2615	2693	2789	2699	3.24	cps
Cadmium	106-1	3726	3842	3909	3826	2.43	cps
Cadmium	108-1	50	67	38	51	28.48	cps
Calcium	43-1	605330	606476	597084	602963	0.85	cps
Calcium	44-1	9683241	9651779	9317428	9550816	2.12	cps
Carbon	12-1	10605830	11317596	11746021	11223149	5.13	cps
Carbon	12-2	140954	142318	145894	143055	1.78	cps
Chlorine	35-1	1227296	1259751	1246264	1244437	1.31	cps
Chlorine	35-2	9070	9011	9028	9036	0.33	cps
Chromium	52-2	10954	10361	10431	10582	3.07	cps
Cobalt	59-2	250	237	300	262	12.73	cps
Copper	63-2	3470	3494	3244	3403	4.06	cps
Dysprosium	156-1	92	150	150	131	25.80	cps
Dysprosium	156-2	60	33	37	43	33.53	cps
Erbium	164-1	167	125	100	131	25.80	cps
Erbium	164-2	83	53	63	67	22.91	cps
Gadolinium	160-1	167	167	125	153	15.75	cps
Gadolinium	160-2	120	167	127	138	18.32	cps
Holmium	165-1	8634669	8580677	8752692	8656013	1.02	cps
Holmium	165-2	4089393	4007138	3127280	3741270	14.26	cps
Indium	115-1	6822779	6817192	7173124	6937698	2.94	cps
Indium	115-2	1114627	1094006	832594	1013742	15.51	cps
Iron	54-2	23291	22646	22874	22937	1.43	cps
Iron	56-2	414142	406677	409702	410174	0.92	cps
Iron	57-2	11777	11394	11688	11620	1.73	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	326	307	331	322	3.89	cps
Lead	206-1	2850	2817	3139	2936	6.04	cps
Lead	207-1	2389	2500	2706	2532	6.35	cps
Lead	208-1	10774	11213	12013	11334	5.54	cps
Lithium	6-1	3758829	4009618	3957336	3908595	3.39	cps
Magnesium	24-2	610328	608850	621205	613461	1.10	cps
Manganese	55-2	46636	46653	46710	46666	0.08	cps
Molybdenum	94-1	47875	48845	48519	48413	1.02	cps
Molybdenum	95-1	82136	83367	83425	82976	0.88	cps
Molybdenum	96-1	88666	87660	92810	89712	3.04	cps
Molybdenum	97-1	53713	52182	52910	52935	1.45	cps
Molybdenum	98-1	135265	131965	133011	133414	1.26	cps
Neodymium	150-1	160	180	240	193	21.53	cps
Neodymium	150-2	43	53	73	57	26.96	cps
Nickel	60-2	870	843	787	833	5.11	cps
Phosphorus	31-2	283	258	275	272	4.68	cps
Potassium	39-2	1194152	1193102	1226577	1204610	1.58	cps
Rhodium	103-1	6497306	6634848	6475432	6535862	1.32	cps
Rhodium	103-2	2982758	2927992	2301654	2737468	13.82	cps
Scandium	45-1	5069239	4974519	5057717	5033825	1.03	cps
Scandium	45-2	158596	153443	122088	144709	13.65	cps
Selenium	82-1	34	71	63	56	35.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	53	45	52	50	8.73	cps
Silicon	28-1	52752916	53444370	53410099	53202462	0.73	cps
Silver	107-1	117	83	100	100	16.66	cps
Silver	109-1	125	50	150	108	48.04	cps
Sodium	23-2	6349019	6257320	6410453	6338931	1.22	cps
Strontium	86-1	652242	650666	646260	649723	0.48	cps
Strontium	88-1	5551838	5578791	5698502	5609710	1.39	cps
Sulfur	34-1	850930	850584	841088	847534	0.66	cps
Terbium	159-1	8794736	8793267	8809369	8799124	0.10	cps
Terbium	159-2	3930540	3860082	3063605	3618076	13.31	cps
Thallium	203-1	183	142	283	203	35.91	cps
Thallium	205-1	383	408	608	467	26.43	cps
Tin	118-1	3626	3701	3384	3570	4.64	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-05	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:05:12	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5059	5034	5376	5157	3.70	cps
Uranium	238-1	26328	25802	26178	26103	1.04	cps
Vanadium	51-2	5925	5588	5915	5809	3.30	cps
Ytterbium	172-1	92	67	100	86	20.14	cps
Ytterbium	172-2	50	28	28	35	36.46	cps
Ytterbium	176-1	1542	1308	1575	1475	9.85	cps
Ytterbium	176-2	9265	9253	7536	8685	11.46	cps
Yttrium	89-1	10347525	10377738	10581040	10435434	1.22	cps
Yttrium	89-2	1149621	1169508	897798	1072309	14.12	cps
Zinc	66-2	6792	6428	6772	6664	3.07	cps
Zirconium	90-1	2726	2434	2200	2453	10.73	cps
Zirconium	91-1	567	375	708	550	30.42	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2645977	2610001	2499652	2585210	2.95	cps
Antimony	121-1	2340606	2353784	2341639	2345343	0.31	cps
Arsenic	75-2	69034	67687	67175	67965	1.41	cps
Barium	135-1	3226164	3210663	3305030	3247286	1.56	cps
Barium	137-1	5594536	5685205	5680482	5653408	0.90	cps
Beryllium	9-1	1202007	1194766	1212815	1203196	0.75	cps
Bismuth	209-1	4858595	4896453	5007290	4920779	1.57	cps
Bismuth	209-2	2629022	2700804	2687003	2672277	1.43	cps
Boron	10-1	552597	574504	582167	569756	2.69	cps
Boron	11-1	2153655	2155426	2211324	2173468	1.51	cps
Bromine	81-1	54140	54602	57026	55256	2.81	cps
Cadmium	111-1	695378	698417	676970	690255	1.68	cps
Cadmium	106-1	83931	83655	83597	83728	0.21	cps
Cadmium	108-1	54842	55587	55654	55361	0.81	cps
Calcium	43-1	4939301	4801199	4873351	4871284	1.42	cps
Calcium	44-1	77056618	77055416	77162535	77091523	0.08	cps
Carbon	12-1	6482198	6574523	6462961	6506561	0.92	cps
Carbon	12-2	80646	81501	80596	80914	0.63	cps
Chlorine	35-1	767670	750668	744433	754257	1.59	cps
Chlorine	35-2	5334	4726	4718	4926	7.18	cps
Chromium	52-2	702395	702305	694225	699642	0.67	cps
Cobalt	59-2	1256409	1225244	1232381	1238011	1.32	cps
Copper	63-2	9929079	9642921	9647873	9739958	1.68	cps
Dysprosium	156-1	617	633	667	639	3.98	cps
Dysprosium	156-2	343	237	310	297	18.39	cps
Erbium	164-1	142	100	158	133	22.54	cps
Erbium	164-2	73	67	57	66	12.79	cps
Gadolinium	160-1	733	833	650	739	12.42	cps
Gadolinium	160-2	483	433	403	440	9.19	cps
Holmium	165-1	8380373	8293370	8266836	8313526	0.71	cps
Holmium	165-2	3909848	4078938	3933677	3974154	2.30	cps
Indium	115-1	6282805	6402141	6207871	6297606	1.56	cps
Indium	115-2	1018877	1021051	1021563	1020497	0.14	cps
Iron	54-2	8401358	8185607	8231645	8272870	1.37	cps
Iron	56-2	147922592	152527970	149128681	149859748	1.59	cps
Iron	57-2	3833703	3746365	3748884	3776318	1.32	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	314	360	374	349	9.00	cps
Lead	206-1	10936141	11170306	11492502	11199650	2.49	cps
Lead	207-1	9861143	10081084	10025676	9989301	1.15	cps
Lead	208-1	44748563	45411000	46852133	45670565	2.35	cps
Lithium	6-1	3653566	3670823	3581461	3635283	1.30	cps
Magnesium	24-2	33235339	33032924	32162891	32810385	1.74	cps
Manganese	55-2	3975837	3995870	3987544	3986417	0.25	cps
Molybdenum	94-1	9864371	9824195	9647034	9778533	1.18	cps
Molybdenum	95-1	14434022	14096409	14159046	14229826	1.26	cps
Molybdenum	96-1	15816611	15557763	15595283	15656552	0.89	cps
Molybdenum	97-1	8623048	8756279	8753430	8710919	0.87	cps
Molybdenum	98-1	22945831	22720932	23051645	22906136	0.74	cps
Neodymium	150-1	467	447	553	489	11.60	cps
Neodymium	150-2	63	43	43	50	23.10	cps
Nickel	60-2	331868	326349	321912	326709	1.53	cps
Phosphorus	31-2	29280	27977	27351	28203	3.49	cps
Potassium	39-2	11413414	11409284	11397691	11406796	0.07	cps
Rhodium	103-1	5970227	5766378	5786335	5840980	1.92	cps
Rhodium	103-2	2668933	2650555	2662019	2660502	0.35	cps
Scandium	45-1	4833316	4848543	4851715	4844525	0.20	cps
Scandium	45-2	148069	152904	149557	150177	1.65	cps
Selenium	82-1	56453	56478	55816	56249	0.67	cps
Selenium	77-2	1820	1790	1657	1756	4.95	cps
Selenium	78-2	5951	5879	5705	5845	2.17	cps
Silicon	28-1	43248678	43164083	43753060	43388607	0.73	cps
Silver	107-1	3632048	3592590	3474485	3566375	2.30	cps
Silver	109-1	3333777	3418098	3428302	3393392	1.53	cps
Sodium	23-2	60500428	59328024	58292701	59373718	1.86	cps
Strontium	86-1	23983357	23087142	23239859	23436786	2.05	cps
Strontium	88-1	206892067	202407834	201798834	203699578	1.37	cps
Sulfur	34-1	687563	693243	694185	691664	0.52	cps
Terbium	159-1	8454263	8293573	8524598	8424145	1.41	cps
Terbium	159-2	3736320	3813329	3833859	3794503	1.36	cps
Thallium	203-1	2683208	2733969	2617585	2678254	2.18	cps
Thallium	205-1	6221620	6390737	6466052	6359470	1.97	cps
Tin	118-1	2302686	2240387	2232808	2258627	1.70	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:08:18	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4510224	4527286	4359664	4465724	2.07	cps
Uranium	238-1	9095346	9379450	9275065	9249954	1.55	cps
Vanadium	51-2	571694	565435	563598	566909	0.75	cps
Ytterbium	172-1	267	325	325	306	11.02	cps
Ytterbium	172-2	189	167	156	170	9.96	cps
Ytterbium	176-1	12848	13074	13099	13007	1.06	cps
Ytterbium	176-2	13335	13969	14119	13807	3.01	cps
Yttrium	89-1	9857256	9936991	10128977	9974408	1.40	cps
Yttrium	89-2	1127651	1122760	1115275	1121895	0.56	cps
Zinc	66-2	1171361	1166617	1153887	1163955	0.78	cps
Zirconium	90-1	5112976	5132772	5000054	5081934	1.41	cps
Zirconium	91-1	1155308	1137463	1121426	1138066	1.49	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	114	100	107	6.45	cps
Antimony	121-1	133	208	317	219	42.00	cps
Arsenic	75-2	5	8	6	6	24.12	cps
Barium	135-1	50	33	42	42	20.00	cps
Barium	137-1	33	42	25	33	25.01	cps
Beryllium	9-1	75	69	64	69	8.15	cps
Bismuth	209-1	4711678	5063246	5245519	5006815	5.42	cps
Bismuth	209-2	2924756	2889906	2949316	2921326	1.02	cps
Boron	10-1	6388	6172	6240	6267	1.76	cps
Boron	11-1	27965	27554	26559	27359	2.64	cps
Bromine	81-1	52283	51960	54623	52955	2.74	cps
Cadmium	111-1	2268	2406	2540	2405	5.66	cps
Cadmium	106-1	3242	3426	3601	3423	5.24	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	169	155	140	155	9.30	cps
Calcium	44-1	7530	7211	7386	7376	2.17	cps
Carbon	12-1	4600065	4667945	4617244	4628418	0.76	cps
Carbon	12-2	58207	56568	55974	56916	2.03	cps
Chlorine	35-1	407079	408003	409633	408238	0.32	cps
Chlorine	35-2	3109	2792	2900	2934	5.49	cps
Chromium	52-2	517	360	330	402	24.92	cps
Cobalt	59-2	43	33	30	36	19.51	cps
Copper	63-2	1027	1010	943	993	4.44	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	83	67	67	25.00	cps
Erbium	164-2	10	20	40	23	65.47	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	123	100	107	110	10.93	cps
Holmium	165-1	7501287	7845353	8098293	7814978	3.83	cps
Holmium	165-2	3848393	3895422	3846546	3863454	0.72	cps
Indium	115-1	5895872	6228713	6794206	6306263	7.20	cps
Indium	115-2	1060931	1055127	1067715	1061257	0.59	cps
Iron	54-2	611	544	467	541	13.37	cps
Iron	56-2	3423	3528	3134	3362	6.08	cps
Iron	57-2	94	161	167	141	28.55	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	326	369	304	333	9.91	cps
Lead	206-1	622	578	772	657	15.50	cps
Lead	207-1	617	456	694	589	20.69	cps
Lead	208-1	2900	2289	2789	2659	12.24	cps
Lithium	6-1	3369234	3586062	3924002	3626432	7.71	cps
Magnesium	24-2	1383	1417	1575	1458	7.02	cps
Manganese	55-2	70	40	47	52	30.16	cps
Molybdenum	94-1	292	258	217	256	14.71	cps
Molybdenum	95-1	133	175	200	169	19.88	cps
Molybdenum	96-1	433	242	283	319	31.56	cps
Molybdenum	97-1	133	100	75	103	28.48	cps
Molybdenum	98-1	400	358	367	375	5.88	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	50	40	20	37	41.66	cps
Phosphorus	31-2	83	83	58	75	19.24	cps
Potassium	39-2	17269	17486	18062	17606	2.33	cps
Rhodium	103-1	5606688	6056011	6348296	6003665	6.22	cps
Rhodium	103-2	2933925	2935080	2925646	2931551	0.18	cps
Scandium	45-1	4383433	4515640	4835491	4578188	5.08	cps
Scandium	45-2	150961	149486	148438	149629	0.85	cps
Selenium	82-1	24	-24	37	12	257.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	38	45	43	42	8.58	cps
Silicon	28-1	853555	803771	816196	824508	3.14	cps
Silver	107-1	350	283	350	328	11.74	cps
Silver	109-1	242	250	300	264	11.95	cps
Sodium	23-2	13415	13557	13406	13459	0.63	cps
Strontium	86-1	625	650	608	628	3.34	cps
Strontium	88-1	1425	1058	767	1083	30.45	cps
Sulfur	34-1	295273	298292	300970	298178	0.96	cps
Terbium	159-1	7675709	7985647	8658471	8106609	6.20	cps
Terbium	159-2	3816194	3775098	3870703	3820665	1.26	cps
Thallium	203-1	358	342	317	339	6.19	cps
Thallium	205-1	783	750	708	747	5.03	cps
Tin	118-1	400	425	425	417	3.46	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:20:17	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	183	150	183	18.18	cps
Uranium	238-1	50	50	75	58	24.74	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Ytterbium	172-1	75	42	67	61	28.38	cps
Ytterbium	172-2	33	28	56	39	37.80	cps
Ytterbium	176-1	1083	1033	1283	1133	11.67	cps
Ytterbium	176-2	8670	8386	8575	8544	1.69	cps
Yttrium	89-1	8973854	9680895	10165654	9606801	6.24	cps
Yttrium	89-2	1147815	1104550	1126741	1126369	1.92	cps
Zinc	66-2	260	177	153	197	28.51	cps
Zirconium	90-1	433	392	517	447	14.23	cps
Zirconium	91-1	100	50	75	75	33.33	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1255	1252	1265	1257	0.53	cps
Antimony	121-1	2184	2334	2309	2275	3.53	cps
Arsenic	75-2	230	208	210	216	5.63	cps
Barium	135-1	117895	118863	114877	117212	1.77	cps
Barium	137-1	210844	206826	200886	206185	2.43	cps
Beryllium	9-1	66	67	89	74	17.05	cps
Bismuth	209-1	5379068	5417082	5299971	5365373	1.11	cps
Bismuth	209-2	2832310	2828584	2752735	2804543	1.60	cps
Boron	10-1	40620	42160	42067	41616	2.08	cps
Boron	11-1	172454	180528	178903	177295	2.41	cps
Bromine	81-1	74403	75834	75261	75166	0.96	cps
Cadmium	111-1	2614	2457	2456	2509	3.62	cps
Cadmium	106-1	3734	3551	3542	3609	3.00	cps
Cadmium	108-1	71	88	75	78	11.15	cps
Calcium	43-1	556688	556364	552323	555125	0.44	cps
Calcium	44-1	8816528	8760133	8790100	8788920	0.32	cps
Carbon	12-1	10195879	10778123	11070761	10681588	4.17	cps
Carbon	12-2	140913	140668	138145	139909	1.10	cps
Chlorine	35-1	656635	686976	703469	682360	3.48	cps
Chlorine	35-2	5084	5501	5376	5321	4.02	cps
Chromium	52-2	1110	1237	1250	1199	6.45	cps
Cobalt	59-2	83	123	110	106	19.30	cps
Copper	63-2	1137	1213	1150	1167	3.51	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	42	108	67	72	46.63	cps
Erbium	164-2	43	37	57	46	22.36	cps
Gadolinium	160-1	67	75	108	83	26.46	cps
Gadolinium	160-2	120	133	113	122	8.33	cps
Holmium	165-1	8408137	8393613	8421595	8407782	0.17	cps
Holmium	165-2	3987965	3998494	4038319	4008259	0.66	cps
Indium	115-1	6659064	6784420	6565321	6669602	1.65	cps
Indium	115-2	1070551	1073048	1066405	1070001	0.31	cps
Iron	54-2	6107	5990	5929	6009	1.50	cps
Iron	56-2	105790	105084	101889	104255	1.99	cps
Iron	57-2	3984	3689	3867	3847	3.86	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	297	341	300	313	7.85	cps
Lead	206-1	1139	1078	1117	1111	2.78	cps
Lead	207-1	1050	1078	1078	1069	1.50	cps
Lead	208-1	4873	4717	4417	4669	4.96	cps
Lithium	6-1	3859304	3923960	3830820	3871361	1.23	cps
Magnesium	24-2	541153	540909	531977	538013	0.97	cps
Manganese	55-2	26521	26408	26411	26447	0.24	cps
Molybdenum	94-1	52743	51345	51095	51728	1.72	cps
Molybdenum	95-1	89011	90839	90193	90014	1.03	cps
Molybdenum	96-1	95965	94001	94219	94728	1.14	cps
Molybdenum	97-1	55595	54976	55813	55462	0.78	cps
Molybdenum	98-1	143835	142537	141906	142759	0.69	cps
Neodymium	150-1	27	40	33	33	20.00	cps
Neodymium	150-2	7	17	0	8	107.84	cps
Nickel	60-2	260	307	347	304	14.25	cps
Phosphorus	31-2	275	250	242	256	6.79	cps
Potassium	39-2	1296596	1284073	1278169	1286279	0.73	cps
Rhodium	103-1	6350744	6326320	6339738	6338934	0.19	cps
Rhodium	103-2	2944322	2906288	2806890	2885833	2.46	cps
Scandium	45-1	4833175	4847056	4962926	4881053	1.46	cps
Scandium	45-2	153494	151726	152719	152646	0.58	cps
Selenium	82-1	74	38	101	71	45.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	36	52	44	44	18.19	cps
Silicon	28-1	51441923	50683468	49723132	50616174	1.70	cps
Silver	107-1	117	58	100	92	32.78	cps
Silver	109-1	75	25	50	50	50.00	cps
Sodium	23-2	6447923	6516168	6340472	6434854	1.38	cps
Strontium	86-1	639407	648257	645388	644351	0.70	cps
Strontium	88-1	5673373	5761908	5514071	5649784	2.22	cps
Sulfur	34-1	905555	897589	897815	900320	0.50	cps
Terbium	159-1	8476584	8738815	8705524	8640308	1.65	cps
Terbium	159-2	3856122	3707232	3695827	3753060	2.38	cps
Thallium	203-1	283	250	250	261	7.37	cps
Thallium	205-1	733	575	617	642	12.79	cps
Tin	118-1	1950	2092	2000	2014	3.57	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1532-06	Instrumnet Name :	P8
Client Sample ID :	OWBR-02-160-180-0210	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:23:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1383	1417	1242	1347	6.90	cps
Uranium	238-1	21260	21402	20684	21115	1.80	cps
Vanadium	51-2	4067	3891	3907	3955	2.47	cps
Ytterbium	172-1	33	125	50	69	70.32	cps
Ytterbium	172-2	6	17	39	20	83.30	cps
Ytterbium	176-1	1292	1058	1350	1233	12.51	cps
Ytterbium	176-2	8681	9059	8925	8888	2.16	cps
Yttrium	89-1	10148598	10085014	10068107	10100573	0.42	cps
Yttrium	89-2	1153151	1139283	1141299	1144578	0.65	cps
Zinc	66-2	1580	1507	1763	1617	8.18	cps
Zirconium	90-1	533	675	692	633	13.74	cps
Zirconium	91-1	100	108	100	103	4.68	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21481	21422	20912	21272	1.47	cps
Antimony	121-1	708	625	575	636	10.59	cps
Arsenic	75-2	187	230	195	204	11.21	cps
Barium	135-1	232047	231390	222261	228566	2.39	cps
Barium	137-1	404213	408192	396831	403079	1.43	cps
Beryllium	9-1	487	464	474	475	2.51	cps
Bismuth	209-1	5063618	4991694	5431721	5162344	4.57	cps
Bismuth	209-2	2836429	2905321	2880879	2874209	1.22	cps
Boron	10-1	16586	16946	17087	16873	1.53	cps
Boron	11-1	71850	72529	71181	71853	0.94	cps
Bromine	81-1	73798	77977	78832	76869	3.50	cps
Cadmium	111-1	2532	2470	2626	2543	3.09	cps
Cadmium	106-1	3542	3492	3801	3612	4.58	cps
Cadmium	108-1	38	58	67	54	27.74	cps
Calcium	43-1	397258	399157	391957	396124	0.94	cps
Calcium	44-1	6300566	6346413	6391272	6346084	0.71	cps
Carbon	12-1	6417360	6876564	7105406	6799777	5.15	cps
Carbon	12-2	90713	91702	91384	91267	0.55	cps
Chlorine	35-1	580194	591490	597161	589615	1.46	cps
Chlorine	35-2	4726	4234	4259	4406	6.29	cps
Chromium	52-2	2787	3037	2757	2860	5.38	cps
Cobalt	59-2	3874	3747	3707	3776	2.31	cps
Copper	63-2	4417	3674	3847	3979	9.78	cps
Dysprosium	156-1	1959	1809	2009	1925	5.41	cps
Dysprosium	156-2	787	837	817	813	3.09	cps
Erbium	164-1	2492	2442	2100	2345	9.09	cps
Erbium	164-2	1063	1017	830	970	12.73	cps
Gadolinium	160-1	2175	2225	1975	2125	6.23	cps
Gadolinium	160-2	1160	1127	1007	1098	7.35	cps
Holmium	165-1	7598020	7696092	8541065	7945059	6.53	cps
Holmium	165-2	3975700	3963305	3939237	3959414	0.47	cps
Indium	115-1	6166348	6335344	6806723	6436138	5.16	cps
Indium	115-2	1071391	1087231	1086380	1081667	0.82	cps
Iron	54-2	156678	153319	146803	152267	3.30	cps
Iron	56-2	2954737	2794594	2827054	2858795	2.96	cps
Iron	57-2	71357	69128	66851	69112	3.26	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	322	339	320	327	3.11	cps
Lead	206-1	8147	8275	8603	8342	2.82	cps
Lead	207-1	6969	7169	6969	7035	1.64	cps
Lead	208-1	32572	32989	31993	32518	1.54	cps
Lithium	6-1	3660369	3711837	3855245	3742484	2.70	cps
Magnesium	24-2	699168	682522	668957	683549	2.21	cps
Manganese	55-2	210927	208422	200066	206471	2.75	cps
Molybdenum	94-1	2225	2192	2384	2267	4.52	cps
Molybdenum	95-1	3159	3476	3492	3376	5.57	cps
Molybdenum	96-1	3826	4051	4042	3973	3.21	cps
Molybdenum	97-1	2309	2259	1984	2184	8.02	cps
Molybdenum	98-1	5443	5743	5276	5487	4.31	cps
Neodymium	150-1	2080	2027	2007	2038	1.86	cps
Neodymium	150-2	643	683	683	670	3.45	cps
Nickel	60-2	1333	1420	1450	1401	4.32	cps
Phosphorus	31-2	617	650	492	586	14.24	cps
Potassium	39-2	694606	696839	680590	690678	1.28	cps
Rhodium	103-1	5898854	6003380	6306465	6069566	3.49	cps
Rhodium	103-2	2958849	2947665	2900197	2935570	1.06	cps
Scandium	45-1	4488048	4607610	4872669	4656109	4.23	cps
Scandium	45-2	149954	152477	152052	151495	0.89	cps
Selenium	82-1	34	25	49	36	33.52	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	43	47	47	46	5.06	cps
Silicon	28-1	52057799	52757832	51054558	51956730	1.65	cps
Silver	107-1	100	125	150	125	20.00	cps
Silver	109-1	83	92	117	97	17.84	cps
Sodium	23-2	1305515	1315283	1248540	1289779	2.79	cps
Strontium	86-1	510101	517284	507961	511782	0.95	cps
Strontium	88-1	4570944	4509889	4516282	4532371	0.74	cps
Sulfur	34-1	331608	330754	324664	329009	1.15	cps
Terbium	159-1	7926009	8081695	8852415	8286707	5.99	cps
Terbium	159-2	3886834	3838257	3987804	3904298	1.95	cps
Thallium	203-1	325	208	283	272	21.72	cps
Thallium	205-1	525	650	608	594	10.71	cps
Tin	118-1	1750	1767	1625	1714	4.52	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:26:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11605	12005	12180	11930	2.47	cps
Uranium	238-1	1150	1117	1158	1142	1.93	cps
Vanadium	51-2	1813	1573	1680	1689	7.12	cps
Ytterbium	172-1	575	608	533	572	6.57	cps
Ytterbium	172-2	250	228	178	219	16.93	cps
Ytterbium	176-1	1483	1483	1267	1411	8.87	cps
Ytterbium	176-2	9137	8937	9381	9151	2.43	cps
Yttrium	89-1	9485422	9562871	10275553	9774615	4.46	cps
Yttrium	89-2	1131892	1164991	1151187	1149357	1.45	cps
Zinc	66-2	10878	10744	10284	10635	2.93	cps
Zirconium	90-1	1067	1208	1450	1242	15.61	cps
Zirconium	91-1	258	242	300	267	11.27	cps

LB Number : LB124105 Operator : Jaswal
 Lab Sample ID : O1516-02LX5 Instrumnet Name : P8
 Client Sample ID : MW-15B-35-45-020923L Dilution Factor : 5
 Date & Time Acquired : 2023-02-15 15:29:44 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	147	110	112	30.06	cps
Antimony	121-1	50	33	58	47	26.96	cps
Arsenic	75-2	2	6	7	5	52.92	cps
Barium	135-1	75	25	58	53	48.24	cps
Barium	137-1	58	58	75	64	15.06	cps
Beryllium	9-1	64	71	65	67	6.03	cps
Bismuth	209-1	5436998	5536421	5530323	5501247	1.01	cps
Bismuth	209-2	2948281	2878789	2886181	2904417	1.31	cps
Boron	10-1	4894	4840	4660	4798	2.55	cps
Boron	11-1	20212	19863	19435	19837	1.96	cps
Bromine	81-1	56512	57428	55628	56523	1.59	cps
Cadmium	111-1	2512	2553	2689	2585	3.57	cps
Cadmium	106-1	3617	3676	3859	3717	3.39	cps
Cadmium	108-1	46	46	42	44	5.40	cps
Calcium	43-1	119	125	124	122	2.70	cps
Calcium	44-1	7264	7274	7330	7289	0.49	cps
Carbon	12-1	5683217	5530504	5442076	5551932	2.20	cps
Carbon	12-2	64785	63889	65136	64603	1.00	cps
Chlorine	35-1	397126	392865	391321	393771	0.76	cps
Chlorine	35-2	2900	2992	2884	2925	1.99	cps
Chromium	52-2	410	483	423	439	8.90	cps
Cobalt	59-2	13	77	73	54	65.47	cps
Copper	63-2	703	930	937	857	15.51	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	58	47	56.72	cps
Erbium	164-2	27	30	40	32	21.53	cps
Gadolinium	160-1	33	17	75	42	72.11	cps
Gadolinium	160-2	140	90	100	110	24.05	cps
Holmium	165-1	8371636	8508452	8607411	8495833	1.39	cps
Holmium	165-2	3919047	3892411	4009835	3940431	1.56	cps
Indium	115-1	6763527	6778821	6708935	6750428	0.54	cps
Indium	115-2	1063215	1084065	1063658	1070313	1.11	cps
Iron	54-2	489	811	678	659	24.56	cps
Iron	56-2	2778	7686	5874	5446	45.57	cps
Iron	57-2	111	239	167	172	37.20	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-15 15:29:44	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	326	304	316	315	3.57	cps
Lead	206-1	589	489	578	552	9.93	cps
Lead	207-1	461	428	461	450	4.28	cps
Lead	208-1	2345	2111	2356	2270	6.08	cps
Lithium	6-1	3914434	3919870	3856601	3896968	0.90	cps
Magnesium	24-2	1558	2484	2150	2064	22.70	cps
Manganese	55-2	43	153	137	111	53.36	cps
Molybdenum	94-1	142	117	208	156	30.46	cps
Molybdenum	95-1	50	167	58	92	71.00	cps
Molybdenum	96-1	158	225	150	178	23.12	cps
Molybdenum	97-1	42	42	58	47	20.37	cps
Molybdenum	98-1	142	67	100	103	36.56	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	47	47	42	18.24	cps
Phosphorus	31-2	58	92	125	92	36.37	cps
Potassium	39-2	17261	18020	18095	17792	2.59	cps
Rhodium	103-1	6457786	6552538	6417615	6475980	1.07	cps
Rhodium	103-2	2980850	3006509	2877129	2954829	2.32	cps
Scandium	45-1	4881651	4930352	4789949	4867317	1.46	cps
Scandium	45-2	148378	150856	151753	150329	1.16	cps
Selenium	82-1	-21	20	15	5	491.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	45	50	51	11.90	cps
Silicon	28-1	844113	835031	836831	838658	0.57	cps
Silver	107-1	275	208	150	211	29.63	cps
Silver	109-1	175	175	167	172	2.80	cps
Sodium	23-2	12431	15317	15467	14405	11.88	cps
Strontium	86-1	500	658	542	567	14.48	cps
Strontium	88-1	592	692	583	622	9.69	cps
Sulfur	34-1	276162	274005	273267	274478	0.55	cps
Terbium	159-1	8661680	8805452	8577636	8681589	1.33	cps
Terbium	159-2	3782909	3955121	3922766	3886932	2.35	cps
Thallium	203-1	175	225	308	236	28.53	cps
Thallium	205-1	408	517	450	458	11.92	cps
Tin	118-1	317	367	350	344	7.39	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-15 15:29:44	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	150	183	147	25.52	cps
Uranium	238-1	0	33	58	31	95.79	cps
Vanadium	51-2	13	40	23	26	52.73	cps
Ytterbium	172-1	75	33	50	53	39.74	cps
Ytterbium	172-2	28	17	56	33	60.09	cps
Ytterbium	176-1	1292	1217	1417	1308	7.72	cps
Ytterbium	176-2	8325	9220	8536	8694	5.38	cps
Yttrium	89-1	10180456	10331999	10483838	10332098	1.47	cps
Yttrium	89-2	1121115	1137901	1130059	1129692	0.74	cps
Zinc	66-2	207	190	187	194	5.51	cps
Zirconium	90-1	383	492	508	461	14.72	cps
Zirconium	91-1	58	142	117	106	40.52	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	566765	557410	544382	556186	2.02	cps
Antimony	121-1	2376770	2401947	2309209	2362642	2.03	cps
Arsenic	75-2	76218	74749	73438	74802	1.86	cps
Barium	135-1	3455136	3547985	3518553	3507225	1.35	cps
Barium	137-1	6117645	6162796	6028061	6102834	1.12	cps
Beryllium	9-1	1314212	1309938	1284427	1302859	1.24	cps
Bismuth	209-1	5306030	5227421	5276986	5270146	0.75	cps
Bismuth	209-2	2792985	2812519	2780449	2795318	0.58	cps
Boron	10-1	198000	202158	203984	201381	1.52	cps
Boron	11-1	828992	869280	891889	863387	3.69	cps
Bromine	81-1	77585	80916	81842	80114	2.79	cps
Cadmium	111-1	787769	787113	772347	782410	1.11	cps
Cadmium	106-1	93089	91957	93366	92804	0.80	cps
Cadmium	108-1	59490	59135	58930	59185	0.48	cps
Calcium	43-1	1356510	1343863	1350958	1350444	0.47	cps
Calcium	44-1	21359671	21445696	21481670	21429012	0.29	cps
Carbon	12-1	8045241	8515858	8825066	8462055	4.64	cps
Carbon	12-2	113469	115679	114242	114463	0.98	cps
Chlorine	35-1	771655	802146	822486	798762	3.20	cps
Chlorine	35-2	5960	6360	6268	6196	3.38	cps
Chromium	52-2	746032	726889	710830	727917	2.42	cps
Cobalt	59-2	1319378	1303215	1255869	1292821	2.55	cps
Copper	63-2	10254784	9745402	9620819	9873668	3.40	cps
Dysprosium	156-1	2400	2275	2259	2311	3.35	cps
Dysprosium	156-2	943	973	993	970	2.59	cps
Erbium	164-1	2400	2584	2517	2500	3.71	cps
Erbium	164-2	1117	1097	1153	1122	2.56	cps
Gadolinium	160-1	2600	2592	2609	2600	0.32	cps
Gadolinium	160-2	1263	1243	1083	1197	8.24	cps
Holmium	165-1	8581581	8460737	8522669	8521663	0.71	cps
Holmium	165-2	4005790	4049143	3983569	4012834	0.83	cps
Indium	115-1	6657302	6480429	6567558	6568429	1.35	cps
Indium	115-2	1070038	1063533	1054913	1062828	0.71	cps
Iron	54-2	2005257	1938683	1920569	1954836	2.28	cps
Iron	56-2	35556222	34345646	33301392	34401087	3.28	cps
Iron	57-2	865428	844463	818073	842655	2.82	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	359	350	327	345	4.67	cps
Lead	206-1	11262927	11204167	10825954	11097683	2.14	cps
Lead	207-1	9813378	9914526	9663070	9796991	1.29	cps
Lead	208-1	45480662	45237988	44324919	45014523	1.35	cps
Lithium	6-1	3911951	3788335	3917710	3872665	1.89	cps
Magnesium	24-2	7598110	7381737	7208792	7396213	2.64	cps
Manganese	55-2	4276313	4244289	4155421	4225341	1.48	cps
Molybdenum	94-1	5020687	4991662	5014713	5009020	0.31	cps
Molybdenum	95-1	5591234	5602769	5656949	5616984	0.62	cps
Molybdenum	96-1	6349947	6379172	6474138	6401086	1.01	cps
Molybdenum	97-1	3501465	3394322	3512253	3469347	1.88	cps
Molybdenum	98-1	9071924	9079916	9143203	9098348	0.43	cps
Neodymium	150-1	2874	2367	2500	2580	10.18	cps
Neodymium	150-2	707	800	783	763	6.52	cps
Nickel	60-2	353764	338273	339302	343780	2.52	cps
Phosphorus	31-2	608	592	483	561	12.10	cps
Potassium	39-2	2635298	2579983	2525903	2580395	2.12	cps
Rhodium	103-1	6231464	6242709	6157421	6210532	0.75	cps
Rhodium	103-2	2915022	2801447	2851732	2856067	1.99	cps
Scandium	45-1	4823309	4927657	4814678	4855215	1.30	cps
Scandium	45-2	154353	151895	151002	152417	1.14	cps
Selenium	82-1	62467	61165	61543	61725	1.09	cps
Selenium	77-2	1870	1733	1757	1787	4.09	cps
Selenium	78-2	6316	6248	6035	6200	2.37	cps
Silicon	28-1	55287697	55581314	54433907	55100973	1.08	cps
Silver	107-1	2881658	2638392	2253782	2591277	12.22	cps
Silver	109-1	2981161	2240636	2767579	2663125	14.31	cps
Sodium	23-2	13348921	13175567	12945165	13156551	1.54	cps
Strontium	86-1	1427639	1410242	1427177	1421686	0.70	cps
Strontium	88-1	12097373	11970874	12099526	12055925	0.61	cps
Sulfur	34-1	343569	338863	340342	340925	0.71	cps
Terbium	159-1	8833213	8380065	8703076	8638785	2.70	cps
Terbium	159-2	3936343	3889791	3793329	3873154	1.88	cps
Thallium	203-1	2801382	2775703	2702053	2759713	1.87	cps
Thallium	205-1	6466435	6449728	6414763	6443642	0.41	cps
Tin	118-1	2266660	2268311	2254009	2262993	0.35	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:32:56	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1846624	1817368	1814013	1826002	0.98	cps
Uranium	238-1	9263953	9173560	8886968	9108160	2.16	cps
Vanadium	51-2	597424	576724	571419	581856	2.36	cps
Ytterbium	172-1	633	492	583	569	12.62	cps
Ytterbium	172-2	250	328	244	274	17.00	cps
Ytterbium	176-1	8011	8219	7794	8008	2.66	cps
Ytterbium	176-2	11989	12373	11828	12063	2.32	cps
Yttrium	89-1	10355469	10170999	10103566	10210012	1.28	cps
Yttrium	89-2	1149104	1138405	1143739	1143750	0.47	cps
Zinc	66-2	1255551	1204026	1180158	1213245	3.18	cps
Zirconium	90-1	5000941	4903319	4980558	4961606	1.04	cps
Zirconium	91-1	1108641	1099252	1091579	1099824	0.78	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	571021	558096	544473	557863	2.38	cps
Antimony	121-1	2365738	2365440	2340799	2357325	0.61	cps
Arsenic	75-2	76573	74637	74152	75121	1.71	cps
Barium	135-1	3521837	3461862	3534002	3505900	1.10	cps
Barium	137-1	6102776	5901391	6010882	6005016	1.68	cps
Beryllium	9-1	1328663	1265925	1295198	1296595	2.42	cps
Bismuth	209-1	5233011	5106108	5110505	5149875	1.40	cps
Bismuth	209-2	2849458	2763004	2786993	2799819	1.59	cps
Boron	10-1	207388	206828	216729	210315	2.64	cps
Boron	11-1	857858	890946	903585	884130	2.67	cps
Bromine	81-1	77705	80684	85255	81215	4.68	cps
Cadmium	111-1	767954	777065	779138	774719	0.77	cps
Cadmium	106-1	91446	88049	90514	90003	1.95	cps
Cadmium	108-1	57837	58984	57959	58260	1.08	cps
Calcium	43-1	1380656	1340044	1341733	1354144	1.70	cps
Calcium	44-1	21838092	21311075	21556751	21568639	1.22	cps
Carbon	12-1	8465515	8806772	9028724	8767003	3.24	cps
Carbon	12-2	118349	113796	115736	115961	1.97	cps
Chlorine	35-1	840037	858338	880449	859608	2.35	cps
Chlorine	35-2	6727	6752	6018	6499	6.41	cps
Chromium	52-2	755547	732499	719465	735837	2.48	cps
Cobalt	59-2	1327083	1293795	1276664	1299181	1.97	cps
Copper	63-2	9985984	10108013	9753621	9949206	1.81	cps
Dysprosium	156-1	2109	2325	2317	2250	5.46	cps
Dysprosium	156-2	1080	957	950	996	7.35	cps
Erbium	164-1	2600	2809	2675	2695	3.92	cps
Erbium	164-2	1193	1060	1070	1108	6.70	cps
Gadolinium	160-1	2534	2367	2384	2428	3.78	cps
Gadolinium	160-2	1090	1327	1167	1195	10.11	cps
Holmium	165-1	8557452	8308835	8457173	8441154	1.48	cps
Holmium	165-2	4020937	3851127	3843609	3905224	2.57	cps
Indium	115-1	6547991	6482304	6592079	6540791	0.84	cps
Indium	115-2	1037115	1040146	1023284	1033515	0.87	cps
Iron	54-2	1986769	1923253	1920113	1943378	1.94	cps
Iron	56-2	34943426	34573348	33924488	34480421	1.50	cps
Iron	57-2	859861	840805	833812	844826	1.60	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	335	355	340	343	3.03	cps
Lead	206-1	11375340	11395271	11152919	11307843	1.19	cps
Lead	207-1	9625287	9841376	9840119	9768927	1.27	cps
Lead	208-1	45105684	44886529	44883506	44958573	0.28	cps
Lithium	6-1	3862037	3834190	3990869	3895699	2.15	cps
Magnesium	24-2	7590353	7413015	7428252	7477207	1.31	cps
Manganese	55-2	4290674	4121849	4164300	4192274	2.09	cps
Molybdenum	94-1	5066805	5065929	5101629	5078121	0.40	cps
Molybdenum	95-1	5642932	5798851	5730268	5724017	1.37	cps
Molybdenum	96-1	6398985	6369436	6475077	6414499	0.85	cps
Molybdenum	97-1	3516974	3427614	3612849	3519146	2.63	cps
Molybdenum	98-1	9089743	9046112	9210518	9115458	0.93	cps
Neodymium	150-1	3228	2340	2874	2814	15.88	cps
Neodymium	150-2	763	763	687	738	6.00	cps
Nickel	60-2	348556	344918	339192	344222	1.37	cps
Phosphorus	31-2	542	525	500	522	4.02	cps
Potassium	39-2	2714453	2636320	2522185	2624319	3.68	cps
Rhodium	103-1	6134675	6004441	6168324	6102480	1.42	cps
Rhodium	103-2	2777170	2809743	2783296	2790070	0.62	cps
Scandium	45-1	4997031	4782524	4905131	4894895	2.20	cps
Scandium	45-2	151483	152518	148820	150940	1.26	cps
Selenium	82-1	61383	61679	61094	61386	0.48	cps
Selenium	77-2	1817	1860	1937	1871	3.25	cps
Selenium	78-2	6353	6371	6221	6315	1.30	cps
Silicon	28-1	54426870	54069560	53644185	54046871	0.72	cps
Silver	107-1	2648688	2884232	2718010	2750310	4.40	cps
Silver	109-1	2005634	2648468	2718981	2457694	15.99	cps
Sodium	23-2	13833451	13567911	13203122	13534828	2.34	cps
Strontium	86-1	1405054	1422552	1401711	1409772	0.79	cps
Strontium	88-1	12108319	12350469	11983990	12147592	1.53	cps
Sulfur	34-1	338274	334978	333672	335642	0.71	cps
Terbium	159-1	8703131	8846722	8733085	8760979	0.86	cps
Terbium	159-2	3810373	3809260	3770299	3796644	0.60	cps
Thallium	203-1	2829833	2741939	2717568	2763113	2.14	cps
Thallium	205-1	6643446	6373015	6425722	6480728	2.21	cps
Tin	118-1	2292706	2286292	2287917	2288972	0.15	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:35:52	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1834485	1831116	1813656	1826419	0.61	cps
Uranium	238-1	9270220	8988847	9080119	9113062	1.58	cps
Vanadium	51-2	596696	581734	572562	583664	2.09	cps
Ytterbium	172-1	658	683	550	631	11.24	cps
Ytterbium	172-2	278	328	250	285	13.82	cps
Ytterbium	176-1	7769	8103	8303	8058	3.35	cps
Ytterbium	176-2	11700	11733	11589	11674	0.65	cps
Yttrium	89-1	10395090	10354120	9942353	10230521	2.45	cps
Yttrium	89-2	1136981	1149476	1130401	1138953	0.85	cps
Zinc	66-2	1248999	1204847	1189006	1214284	2.56	cps
Zirconium	90-1	4996586	5012883	4879214	4962894	1.47	cps
Zirconium	91-1	1090771	1113285	1113923	1105993	1.19	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	569837	558457	551196	559830	1.68	cps
Antimony	121-1	2368100	2281243	2346206	2331850	1.94	cps
Arsenic	75-2	76479	75201	74706	75462	1.21	cps
Barium	135-1	3507731	3627892	3523762	3553128	1.84	cps
Barium	137-1	5965399	6020294	5990502	5992065	0.46	cps
Beryllium	9-1	1284968	1286512	1279131	1283537	0.30	cps
Bismuth	209-1	5246203	5255116	5193668	5231662	0.63	cps
Bismuth	209-2	2741422	2768780	2839780	2783327	1.82	cps
Boron	10-1	207781	213375	217319	212825	2.25	cps
Boron	11-1	871370	908163	919492	899675	2.80	cps
Bromine	81-1	76677	82657	87129	82154	6.38	cps
Cadmium	111-1	780596	773899	782081	778859	0.56	cps
Cadmium	106-1	88559	89248	90715	89507	1.23	cps
Cadmium	108-1	59466	58227	59465	59053	1.21	cps
Calcium	43-1	1395321	1350931	1370217	1372156	1.62	cps
Calcium	44-1	21511540	21340323	21691823	21514562	0.82	cps
Carbon	12-1	8166255	8580313	8874669	8540412	4.17	cps
Carbon	12-2	113276	114586	111362	113075	1.43	cps
Chlorine	35-1	879087	916258	938038	911128	3.27	cps
Chlorine	35-2	7119	6718	6852	6896	2.95	cps
Chromium	52-2	738961	742165	730206	737111	0.84	cps
Cobalt	59-2	1305990	1305598	1284951	1298846	0.93	cps
Copper	63-2	10159236	10052845	9965759	10059280	0.96	cps
Dysprosium	156-1	2142	2592	1959	2231	14.61	cps
Dysprosium	156-2	1047	1003	980	1010	3.35	cps
Erbium	164-1	2700	2467	2717	2628	5.32	cps
Erbium	164-2	1113	1103	1030	1082	4.20	cps
Gadolinium	160-1	2559	2234	2267	2353	7.60	cps
Gadolinium	160-2	1183	1240	1233	1219	2.54	cps
Holmium	165-1	8494995	8648977	8410091	8518021	1.42	cps
Holmium	165-2	3929632	4033996	3890860	3951496	1.87	cps
Indium	115-1	6649338	6588944	6559754	6599345	0.69	cps
Indium	115-2	1042231	1044276	1033586	1040031	0.55	cps
Iron	54-2	1936974	1964055	1897820	1932949	1.72	cps
Iron	56-2	34085532	33620681	33811740	33839318	0.69	cps
Iron	57-2	836089	826956	841421	834822	0.88	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	335	345	325	335	2.99	cps
Lead	206-1	11367432	11538008	10929305	11278248	2.78	cps
Lead	207-1	10087725	10147141	9866428	10033765	1.47	cps
Lead	208-1	45874364	46343340	44455218	45557641	2.16	cps
Lithium	6-1	3889863	3841995	3742115	3824658	1.97	cps
Magnesium	24-2	7654390	7534324	7510664	7566459	1.02	cps
Manganese	55-2	4314388	4155737	4132687	4200938	2.35	cps
Molybdenum	94-1	5030165	4905096	5033192	4989485	1.47	cps
Molybdenum	95-1	5754466	5757447	5769852	5760588	0.14	cps
Molybdenum	96-1	6530255	6344925	6483599	6452926	1.49	cps
Molybdenum	97-1	3684875	3564015	3515518	3588136	2.43	cps
Molybdenum	98-1	9297375	9022704	9064614	9128231	1.62	cps
Neodymium	150-1	2714	2567	2760	2680	3.76	cps
Neodymium	150-2	690	770	733	731	5.48	cps
Nickel	60-2	349788	345963	344687	346813	0.77	cps
Phosphorus	31-2	508	575	608	564	9.03	cps
Potassium	39-2	2675727	2689577	2650723	2672009	0.74	cps
Rhodium	103-1	6307835	6045793	6178559	6177395	2.12	cps
Rhodium	103-2	2786919	2740817	2806347	2778028	1.21	cps
Scandium	45-1	4851673	4739676	4912584	4834644	1.81	cps
Scandium	45-2	151781	152422	150844	151683	0.52	cps
Selenium	82-1	61467	61894	61507	61623	0.38	cps
Selenium	77-2	1913	1947	2017	1959	2.69	cps
Selenium	78-2	6330	6406	6561	6432	1.83	cps
Silicon	28-1	55530912	55462847	55478193	55490651	0.06	cps
Silver	107-1	3767650	2405531	2840237	3004473	23.16	cps
Silver	109-1	3041900	2291960	2664034	2665965	14.07	cps
Sodium	23-2	13670677	13508081	13366075	13514944	1.13	cps
Strontium	86-1	1380969	1406061	1401860	1396297	0.96	cps
Strontium	88-1	11950742	11878708	12170722	12000057	1.27	cps
Sulfur	34-1	333977	330994	335696	333556	0.71	cps
Terbium	159-1	8676458	8752995	8643638	8691030	0.65	cps
Terbium	159-2	3750755	3864443	3796467	3803889	1.50	cps
Thallium	203-1	2758166	2891875	2701418	2783820	3.51	cps
Thallium	205-1	6653064	6610684	6500155	6587968	1.20	cps
Tin	118-1	2264549	2272023	2265737	2267436	0.18	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:38:51	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1780879	1825369	1810384	1805544	1.25	cps
Uranium	238-1	9358611	9238175	9286121	9294302	0.65	cps
Vanadium	51-2	593425	591802	584991	590073	0.76	cps
Ytterbium	172-1	500	750	625	625	20.00	cps
Ytterbium	172-2	317	372	278	322	14.73	cps
Ytterbium	176-1	7486	7802	7836	7708	2.51	cps
Ytterbium	176-2	11533	11939	12050	11841	2.30	cps
Yttrium	89-1	10158746	9892551	10025493	10025597	1.33	cps
Yttrium	89-2	1138177	1145675	1134462	1139438	0.50	cps
Zinc	66-2	1216248	1222740	1213264	1217417	0.40	cps
Zirconium	90-1	4953492	5000339	4924588	4959473	0.77	cps
Zirconium	91-1	1121146	1086149	1109020	1105439	1.61	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2618541	2564086	2576768	2586465	1.10	cps
Antimony	121-1	2295191	2290153	2299181	2294842	0.20	cps
Arsenic	75-2	69245	68850	68785	68960	0.36	cps
Barium	135-1	3367618	3296680	3314723	3326340	1.11	cps
Barium	137-1	5576973	5607709	5625483	5603388	0.44	cps
Beryllium	9-1	1197592	1221690	1219844	1213042	1.11	cps
Bismuth	209-1	4876810	4865396	4875286	4872497	0.13	cps
Bismuth	209-2	2574621	2562658	2487600	2541627	1.86	cps
Boron	10-1	552267	583076	584021	573121	3.15	cps
Boron	11-1	2138297	2230052	2218882	2195743	2.28	cps
Bromine	81-1	53055	52995	53990	53347	1.05	cps
Cadmium	111-1	685537	684818	681753	684036	0.29	cps
Cadmium	106-1	81835	82774	81785	82131	0.68	cps
Cadmium	108-1	53349	54445	54223	54005	1.07	cps
Calcium	43-1	4843714	4853183	4993393	4896763	1.71	cps
Calcium	44-1	77365929	76614386	77906042	77295452	0.84	cps
Carbon	12-1	5986512	6069571	6168939	6075007	1.50	cps
Carbon	12-2	76081	76533	75728	76114	0.53	cps
Chlorine	35-1	465662	465163	457346	462724	1.01	cps
Chlorine	35-2	3309	3092	2842	3081	7.58	cps
Chromium	52-2	706761	707356	697724	703947	0.77	cps
Cobalt	59-2	1266331	1261587	1217732	1248550	2.15	cps
Copper	63-2	10086172	9821403	9728131	9878569	1.88	cps
Dysprosium	156-1	617	758	658	678	10.74	cps
Dysprosium	156-2	313	297	293	301	3.56	cps
Erbium	164-1	158	58	192	136	50.98	cps
Erbium	164-2	43	37	90	57	51.28	cps
Gadolinium	160-1	750	542	600	631	17.05	cps
Gadolinium	160-2	350	430	410	397	10.50	cps
Holmium	165-1	8200905	8249887	8171223	8207339	0.48	cps
Holmium	165-2	3895755	3832693	3803101	3843849	1.23	cps
Indium	115-1	6398315	6147135	6263835	6269762	2.00	cps
Indium	115-2	1004147	1006758	984585	998497	1.21	cps
Iron	54-2	8271616	8429996	8367374	8356329	0.95	cps
Iron	56-2	153265203	153273376	150865164	152467915	0.91	cps
Iron	57-2	3894270	3924731	3850787	3889929	0.96	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	396	347	349	364	7.63	cps
Lead	206-1	11444592	11498186	10826629	11256469	3.32	cps
Lead	207-1	10123976	10154745	9704409	9994376	2.52	cps
Lead	208-1	45739901	46093365	44135673	45322979	2.30	cps
Lithium	6-1	3774772	3610038	3713684	3699498	2.25	cps
Magnesium	24-2	33819490	33352456	32742750	33304899	1.62	cps
Manganese	55-2	4012316	4062430	4012474	4029073	0.72	cps
Molybdenum	94-1	9874440	10064218	9754643	9897767	1.58	cps
Molybdenum	95-1	14116868	14050058	13955860	14040928	0.58	cps
Molybdenum	96-1	15551899	15182565	15291674	15342046	1.24	cps
Molybdenum	97-1	8571637	8857228	8720715	8716526	1.64	cps
Molybdenum	98-1	23092532	22650432	22519391	22754118	1.32	cps
Neodymium	150-1	453	380	513	449	14.88	cps
Neodymium	150-2	47	50	40	46	11.18	cps
Nickel	60-2	333380	325392	320572	326448	1.98	cps
Phosphorus	31-2	29656	29932	29088	29558	1.46	cps
Potassium	39-2	11461222	11453218	11253330	11389257	1.03	cps
Rhodium	103-1	5886924	5767850	5615195	5756656	2.37	cps
Rhodium	103-2	2542545	2673396	2545468	2587136	2.89	cps
Scandium	45-1	4804755	4744055	4848922	4799244	1.10	cps
Scandium	45-2	147089	147933	146142	147055	0.61	cps
Selenium	82-1	56252	55993	54985	55743	1.20	cps
Selenium	77-2	1737	1810	1713	1753	2.88	cps
Selenium	78-2	5910	5945	5726	5860	2.01	cps
Silicon	28-1	42645292	43094844	42761727	42833954	0.54	cps
Silver	107-1	3561520	3556210	3583950	3567227	0.41	cps
Silver	109-1	3331535	3353449	3361950	3348978	0.47	cps
Sodium	23-2	59757908	59877293	58739816	59458339	1.05	cps
Strontium	86-1	23091231	23246794	23126152	23154726	0.35	cps
Strontium	88-1	198047871	198867496	200302534	199072634	0.57	cps
Sulfur	34-1	687843	678675	681530	682683	0.69	cps
Terbium	159-1	8799342	8155422	8549948	8501570	3.82	cps
Terbium	159-2	3761065	3817636	3759934	3779545	0.87	cps
Thallium	203-1	2733373	2668328	2688829	2696843	1.23	cps
Thallium	205-1	6400968	6287508	6203476	6297317	1.57	cps
Tin	118-1	2244274	2254047	2245410	2247910	0.24	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:43:13	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4567802	4611096	4521236	4566711	0.98	cps
Uranium	238-1	9376551	9207140	9038121	9207271	1.84	cps
Vanadium	51-2	578222	576218	569106	574515	0.83	cps
Ytterbium	172-1	258	317	300	292	10.30	cps
Ytterbium	172-2	178	211	139	176	20.55	cps
Ytterbium	176-1	13224	13824	12581	13210	4.71	cps
Ytterbium	176-2	13485	13607	13463	13518	0.58	cps
Yttrium	89-1	10235620	9793935	9986151	10005235	2.21	cps
Yttrium	89-2	1103255	1098645	1094444	1098781	0.40	cps
Zinc	66-2	1194417	1156880	1160376	1170558	1.77	cps
Zirconium	90-1	5070008	5065621	5165936	5100522	1.11	cps
Zirconium	91-1	1126777	1129770	1134856	1130468	0.36	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	101	109	105	3.57	cps
Antimony	121-1	692	1258	908	953	30.01	cps
Arsenic	75-2	3	4	3	3	17.32	cps
Barium	135-1	542	992	233	589	64.76	cps
Barium	137-1	975	1884	392	1083	69.39	cps
Beryllium	9-1	285	486	230	334	40.42	cps
Bismuth	209-1	5502375	5495495	5396228	5464699	1.09	cps
Bismuth	209-2	2968200	2872797	2970881	2937292	1.90	cps
Boron	10-1	8675	8349	8149	8391	3.17	cps
Boron	11-1	35999	34524	34490	35004	2.46	cps
Bromine	81-1	52523	49237	52513	51424	3.68	cps
Cadmium	111-1	2433	2890	2539	2621	9.13	cps
Cadmium	106-1	3359	3851	3551	3587	6.91	cps
Cadmium	108-1	38	38	25	33	21.65	cps
Calcium	43-1	526	1095	339	653	60.28	cps
Calcium	44-1	13820	22750	10928	15833	38.92	cps
Carbon	12-1	4748377	4790146	4746994	4761839	0.52	cps
Carbon	12-2	58643	57137	56058	57279	2.27	cps
Chlorine	35-1	305327	305714	303422	304821	0.40	cps
Chlorine	35-2	2350	2209	2334	2297	3.37	cps
Chromium	52-2	403	473	540	472	14.47	cps
Cobalt	59-2	50	63	43	52	19.50	cps
Copper	63-2	977	883	1010	957	6.86	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	67	42	58	56	22.91	cps
Gadolinium	160-2	80	117	143	113	28.06	cps
Holmium	165-1	8442740	8700165	8379938	8507614	1.99	cps
Holmium	165-2	4063643	3962936	3928782	3985120	1.76	cps
Indium	115-1	6884662	6843532	6733361	6820518	1.15	cps
Indium	115-2	1072583	1098284	1086713	1085860	1.19	cps
Iron	54-2	572	661	494	576	14.48	cps
Iron	56-2	3895	3384	3445	3575	7.81	cps
Iron	57-2	167	100	117	128	27.15	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	315	297	287	300	4.64	cps
Lead	206-1	1928	3551	1128	2202	56.06	cps
Lead	207-1	1839	2789	1172	1934	42.03	cps
Lead	208-1	8246	14299	4912	9152	52.00	cps
Lithium	6-1	3995377	4022754	3928498	3982210	1.22	cps
Magnesium	24-2	1133	1100	1033	1089	4.68	cps
Manganese	55-2	80	47	110	79	40.16	cps
Molybdenum	94-1	1192	1984	692	1289	50.53	cps
Molybdenum	95-1	1458	2467	733	1553	56.07	cps
Molybdenum	96-1	1458	2692	825	1659	57.25	cps
Molybdenum	97-1	842	1767	525	1045	61.78	cps
Molybdenum	98-1	1959	4143	1409	2503	57.77	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	20	47	30	32	41.81	cps
Phosphorus	31-2	92	58	83	78	22.31	cps
Potassium	39-2	18521	18729	17636	18295	3.17	cps
Rhodium	103-1	6374055	6405103	6498110	6425756	1.00	cps
Rhodium	103-2	2932735	2976142	2868080	2925652	1.86	cps
Scandium	45-1	4849105	4849329	4856908	4851781	0.09	cps
Scandium	45-2	154590	152171	152747	153169	0.82	cps
Selenium	82-1	24	30	37	30	22.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	43	51	45	11.77	cps
Silicon	28-1	835426	862505	830313	842748	2.05	cps
Silver	107-1	908	733	892	844	11.44	cps
Silver	109-1	675	542	492	569	16.64	cps
Sodium	23-2	13882	14407	14191	14160	1.86	cps
Strontium	86-1	1800	3326	1025	2050	57.09	cps
Strontium	88-1	12903	25422	5370	14565	69.54	cps
Sulfur	34-1	295135	292825	293845	293935	0.39	cps
Terbium	159-1	8741717	8507862	8547427	8599002	1.46	cps
Terbium	159-2	3958588	3837691	3899645	3898641	1.55	cps
Thallium	203-1	742	1100	500	781	38.68	cps
Thallium	205-1	1817	2584	1250	1884	35.53	cps
Tin	118-1	600	1058	475	711	43.19	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 15:55:21	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	892	283	544	57.52	cps
Uranium	238-1	1125	2292	517	1311	68.80	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Ytterbium	172-1	58	58	58	58	0.01	cps
Ytterbium	172-2	33	22	67	41	56.78	cps
Ytterbium	176-1	1250	1300	1425	1325	6.80	cps
Ytterbium	176-2	8481	8748	8425	8551	2.02	cps
Yttrium	89-1	10251524	10357328	10000526	10203126	1.80	cps
Yttrium	89-2	1162742	1151285	1145263	1153097	0.77	cps
Zinc	66-2	233	207	220	220	6.06	cps
Zirconium	90-1	875	1734	733	1114	48.58	cps
Zirconium	91-1	233	367	150	250	43.72	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4043	4035	4068	4048	0.42	cps
Antimony	121-1	11355	10121	8436	9971	14.70	cps
Arsenic	75-2	290	297	314	300	4.11	cps
Barium	135-1	3092	3667	3059	3273	10.45	cps
Barium	137-1	6235	5610	5985	5943	5.29	cps
Beryllium	9-1	135	104	117	119	13.19	cps
Bismuth	209-1	6173146	5940663	6120317	6078042	2.01	cps
Bismuth	209-2	3373978	3236570	3317486	3309345	2.09	cps
Boron	10-1	21990	21551	21161	21568	1.92	cps
Boron	11-1	93869	91309	87552	90910	3.50	cps
Bromine	81-1	66617	69022	67412	67684	1.81	cps
Cadmium	111-1	3070	2760	2888	2906	5.36	cps
Cadmium	106-1	4468	4042	4142	4217	5.27	cps
Cadmium	108-1	171	171	100	147	27.78	cps
Calcium	43-1	14354	14618	14582	14518	0.99	cps
Calcium	44-1	376665	385811	378127	380201	1.29	cps
Carbon	12-1	1176519593	1235785761	1233819461	1215374938	2.77	cps
Carbon	12-2	12773938	12613323	12388682	12591981	1.54	cps
Chlorine	35-1	1595429	1824675	1947852	1789319	10.00	cps
Chlorine	35-2	14883	15709	15525	15372	2.82	cps
Chromium	52-2	6191	6598	6518	6436	3.35	cps
Cobalt	59-2	563	463	583	537	11.98	cps
Copper	63-2	4657	4477	4407	4514	2.86	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	100	50	75	75	33.33	cps
Erbium	164-2	37	27	40	34	20.14	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Gadolinium	160-2	127	143	113	128	11.76	cps
Holmium	165-1	8901428	8706062	9334288	8980593	3.58	cps
Holmium	165-2	4280001	4391920	4334160	4335360	1.29	cps
Indium	115-1	7147720	7129298	7438663	7238560	2.40	cps
Indium	115-2	1195874	1179384	1202280	1192513	0.99	cps
Iron	54-2	1969651	1935495	1930759	1945302	1.09	cps
Iron	56-2	34868850	34482518	33845326	34398898	1.50	cps
Iron	57-2	860853	839323	832149	844108	1.77	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	314	270	330	305	10.19	cps
Lead	206-1	4612	4523	4140	4425	5.67	cps
Lead	207-1	3990	3984	3851	3941	2.00	cps
Lead	208-1	17877	17794	17538	17737	1.00	cps
Lithium	6-1	4171796	4124845	4519209	4271950	5.04	cps
Magnesium	24-2	22818	22000	22393	22404	1.83	cps
Manganese	55-2	616508	610697	604599	610601	0.98	cps
Molybdenum	94-1	1392	1742	3476	2203	50.65	cps
Molybdenum	95-1	1292	1342	1383	1339	3.43	cps
Molybdenum	96-1	2967	3067	3792	3275	13.75	cps
Molybdenum	97-1	742	783	733	753	3.56	cps
Molybdenum	98-1	1992	1850	1658	1833	9.13	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	800	807	747	784	4.19	cps
Phosphorus	31-2	617	625	592	611	2.84	cps
Potassium	39-2	1618304	1558246	1567232	1581261	2.05	cps
Rhodium	103-1	7058907	6784320	6977111	6940113	2.03	cps
Rhodium	103-2	3275650	3205639	3242587	3241292	1.08	cps
Scandium	45-1	5224000	5012708	5419911	5218873	3.90	cps
Scandium	45-2	169339	166730	166697	167589	0.90	cps
Selenium	82-1	410	604	579	531	19.85	cps
Selenium	77-2	43	23	30	32	31.61	cps
Selenium	78-2	119	131	125	125	4.80	cps
Silicon	28-1	9708276	10236666	10033041	9992661	2.67	cps
Silver	107-1	692	633	717	681	6.28	cps
Silver	109-1	675	692	708	692	2.41	cps
Sodium	23-2	6771485	6764935	6638216	6724879	1.12	cps
Strontium	86-1	4743	4759	4801	4768	0.63	cps
Strontium	88-1	37309	36925	36315	36849	1.36	cps
Sulfur	34-1	345022	340970	336626	340873	1.23	cps
Terbium	159-1	9418837	8706249	9660344	9261810	5.36	cps
Terbium	159-2	4192151	4170435	4227225	4196604	0.68	cps
Thallium	203-1	392	417	483	431	11.01	cps
Thallium	205-1	925	883	925	911	2.64	cps
Tin	118-1	3384	3667	3684	3578	4.71	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-05DLX10	Instrumnet Name :	P8
Client Sample ID :	34533DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:00:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	575	642	572	12.39	cps
Uranium	238-1	17	50	33	33	50.00	cps
Vanadium	51-2	157	133	140	143	8.38	cps
Ytterbium	172-1	25	17	108	50	101.38	cps
Ytterbium	172-2	44	33	33	37	17.33	cps
Ytterbium	176-1	1267	1550	1258	1358	12.22	cps
Ytterbium	176-2	9754	9181	10093	9676	4.76	cps
Yttrium	89-1	11204332	10746480	11235483	11062099	2.47	cps
Yttrium	89-2	1268035	1255940	1267273	1263750	0.54	cps
Zinc	66-2	18432	18078	18178	18230	1.00	cps
Zirconium	90-1	1658	3342	8703	4568	80.53	cps
Zirconium	91-1	300	767	2125	1064	89.12	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11092	11247	10958	11099	1.30	cps
Antimony	121-1	1625	1725	1542	1631	5.63	cps
Arsenic	75-2	477	522	539	513	6.25	cps
Barium	135-1	23062	24230	23229	23507	2.69	cps
Barium	137-1	40478	41900	40787	41055	1.82	cps
Beryllium	9-1	99	102	91	97	5.88	cps
Bismuth	209-1	5952213	5825525	5931047	5902928	1.15	cps
Bismuth	209-2	3198311	3169236	3158770	3175439	0.65	cps
Boron	10-1	8943	8479	8245	8555	4.15	cps
Boron	11-1	37801	36610	36113	36841	2.35	cps
Bromine	81-1	63951	66638	64828	65139	2.10	cps
Cadmium	111-1	3058	3267	2916	3080	5.72	cps
Cadmium	106-1	4426	4651	4184	4420	5.28	cps
Cadmium	108-1	117	79	83	93	22.09	cps
Calcium	43-1	242547	246110	239221	242626	1.42	cps
Calcium	44-1	4056299	3949037	3943396	3982911	1.60	cps
Carbon	12-1	878397720	919308554	914408020	904038098	2.47	cps
Carbon	12-2	9560627	9382214	9365233	9436025	1.15	cps
Chlorine	35-1	1433402	1563453	1621630	1539495	6.26	cps
Chlorine	35-2	12130	12673	12481	12428	2.21	cps
Chromium	52-2	7639	7409	7142	7396	3.36	cps
Cobalt	59-2	3947	3801	3701	3816	3.25	cps
Copper	63-2	6518	6355	6475	6449	1.31	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	58	100	75	78	26.97	cps
Erbium	164-2	23	23	40	29	33.32	cps
Gadolinium	160-1	92	92	108	97	9.90	cps
Gadolinium	160-2	127	113	143	128	11.76	cps
Holmium	165-1	8922030	9043002	9207999	9057677	1.58	cps
Holmium	165-2	4272668	4258371	4368480	4299840	1.39	cps
Indium	115-1	7104414	7305010	7210114	7206513	1.39	cps
Indium	115-2	1163410	1161957	1154258	1159875	0.42	cps
Iron	54-2	5696631	5525157	5367178	5529655	2.98	cps
Iron	56-2	101627788	99427933	95222969	98759563	3.30	cps
Iron	57-2	2684472	2612624	2491541	2596212	3.76	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	274	322	304	300	8.20	cps
Lead	206-1	5785	5874	5990	5883	1.75	cps
Lead	207-1	5223	4951	4968	5047	3.02	cps
Lead	208-1	23815	22964	23403	23394	1.82	cps
Lithium	6-1	4265301	4340244	4138524	4248023	2.40	cps
Magnesium	24-2	88520	88015	83883	86806	2.93	cps
Manganese	55-2	2403860	2456075	2307772	2389236	3.15	cps
Molybdenum	94-1	1850	1984	1925	1920	3.48	cps
Molybdenum	95-1	2492	2317	2325	2378	4.15	cps
Molybdenum	96-1	7294	7110	7235	7213	1.30	cps
Molybdenum	97-1	1408	1308	1567	1428	9.12	cps
Molybdenum	98-1	3376	3459	3292	3376	2.47	cps
Neodymium	150-1	27	13	40	27	50.01	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	837	800	627	754	14.87	cps
Phosphorus	31-2	1175	1133	1017	1108	7.40	cps
Potassium	39-2	2695225	2643770	2542421	2627138	2.96	cps
Rhodium	103-1	6892080	6980295	7084290	6985555	1.38	cps
Rhodium	103-2	3132267	3194437	3181240	3169315	1.03	cps
Scandium	45-1	5200099	5274876	5173756	5216244	1.01	cps
Scandium	45-2	167501	168552	163193	166415	1.71	cps
Selenium	82-1	682	761	789	744	7.41	cps
Selenium	77-2	23	23	17	21	18.21	cps
Selenium	78-2	128	125	142	132	6.90	cps
Silicon	28-1	7596006	7939704	8106021	7880577	3.30	cps
Silver	107-1	725	642	3428	1598	99.17	cps
Silver	109-1	767	617	458	614	25.12	cps
Sodium	23-2	4035234	4032417	3923124	3996925	1.60	cps
Strontium	86-1	47331	50893	47490	48572	4.14	cps
Strontium	88-1	417566	424027	412202	417932	1.42	cps
Sulfur	34-1	331414	328933	331060	330469	0.41	cps
Terbium	159-1	9407015	9063477	9246361	9238951	1.86	cps
Terbium	159-2	4128701	4314763	4057750	4167072	3.19	cps
Thallium	203-1	317	383	367	356	9.76	cps
Thallium	205-1	892	758	875	842	8.63	cps
Tin	118-1	1608	1692	1750	1683	4.23	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-06DLX10	Instrumnet Name :	P8
Client Sample ID :	34534DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:03:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	833	583	658	692	18.55	cps
Uranium	238-1	100	67	67	78	24.74	cps
Vanadium	51-2	167	157	117	147	18.04	cps
Ytterbium	172-1	58	58	58	58	0.01	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	1342	1525	1667	1511	10.78	cps
Ytterbium	176-2	9326	9498	9459	9428	0.96	cps
Yttrium	89-1	10894898	11379970	11067197	11114022	2.21	cps
Yttrium	89-2	1241758	1212695	1253063	1235838	1.69	cps
Zinc	66-2	51051	51259	50132	50814	1.18	cps
Zirconium	90-1	1033	1208	1692	1311	26.01	cps
Zirconium	91-1	142	267	317	242	37.30	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1462	1425	1362	1417	3.57	cps
Antimony	121-1	1125	958	1283	1122	14.48	cps
Arsenic	75-2	425	500	505	477	9.40	cps
Barium	135-1	3817	3851	3434	3701	6.26	cps
Barium	137-1	5835	6552	5985	6124	6.18	cps
Beryllium	9-1	91	100	102	98	6.03	cps
Bismuth	209-1	5924988	6032972	6078061	6012007	1.31	cps
Bismuth	209-2	3205505	3207811	3163185	3192167	0.79	cps
Boron	10-1	7729	7258	7218	7402	3.83	cps
Boron	11-1	32489	32295	30309	31698	3.81	cps
Bromine	81-1	61981	62997	62605	62528	0.82	cps
Cadmium	111-1	2878	2971	3024	2958	2.49	cps
Cadmium	106-1	4134	4209	4292	4212	1.88	cps
Cadmium	108-1	88	42	50	60	40.88	cps
Calcium	43-1	21447	21124	20636	21069	1.94	cps
Calcium	44-1	433417	430198	422628	428748	1.29	cps
Carbon	12-1	756616850	785765301	774903784	772428645	1.91	cps
Carbon	12-2	8028299	7829135	7800532	7885989	1.57	cps
Chlorine	35-1	616488	611454	602731	610224	1.14	cps
Chlorine	35-2	4042	4051	4059	4051	0.21	cps
Chromium	52-2	2700	2587	2507	2598	3.74	cps
Cobalt	59-2	130	153	127	137	10.63	cps
Copper	63-2	1357	1230	1313	1300	4.95	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	125	42	75	81	52.07	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	103	160	87	117	32.95	cps
Holmium	165-1	9188572	9095673	9067746	9117330	0.69	cps
Holmium	165-2	4128017	4193314	4250576	4190635	1.46	cps
Indium	115-1	7370987	7547229	7272599	7396938	1.88	cps
Indium	115-2	1166013	1177702	1168952	1170889	0.52	cps
Iron	54-2	1248103	1227581	1194244	1223309	2.22	cps
Iron	56-2	23138012	22747012	21724437	22536487	3.24	cps
Iron	57-2	550767	552484	539848	547699	1.25	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	305	305	307	1.41	cps
Lead	206-1	1117	1039	1172	1109	6.04	cps
Lead	207-1	906	833	911	883	4.91	cps
Lead	208-1	4061	4261	4300	4208	3.05	cps
Lithium	6-1	4179099	4144116	4268827	4197347	1.53	cps
Magnesium	24-2	44335	43883	43892	44037	0.59	cps
Manganese	55-2	718126	710336	686660	705041	2.32	cps
Molybdenum	94-1	467	392	467	442	9.80	cps
Molybdenum	95-1	308	400	325	344	14.18	cps
Molybdenum	96-1	1475	1533	1500	1503	1.95	cps
Molybdenum	97-1	142	192	175	169	15.02	cps
Molybdenum	98-1	325	325	300	317	4.56	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	163	140	137	147	9.91	cps
Phosphorus	31-2	92	125	133	117	18.90	cps
Potassium	39-2	82293	82863	80759	81972	1.33	cps
Rhodium	103-1	7149261	7154978	7170057	7158099	0.15	cps
Rhodium	103-2	3163054	3234746	3216736	3204845	1.16	cps
Scandium	45-1	5193517	5134683	5324306	5217502	1.86	cps
Scandium	45-2	164819	166608	164072	165166	0.79	cps
Selenium	82-1	651	717	789	719	9.56	cps
Selenium	77-2	43	17	13	24	67.26	cps
Selenium	78-2	145	121	167	144	15.94	cps
Silicon	28-1	6692442	7079280	6882306	6884676	2.81	cps
Silver	107-1	600	567	575	581	2.99	cps
Silver	109-1	708	550	467	575	21.35	cps
Sodium	23-2	685261	657875	647154	663430	2.96	cps
Strontium	86-1	6819	6527	6819	6721	2.51	cps
Strontium	88-1	54700	53152	53026	53626	1.74	cps
Sulfur	34-1	327916	328278	326526	327573	0.28	cps
Terbium	159-1	9220105	9232708	9305673	9252829	0.50	cps
Terbium	159-2	4196148	4171366	4260182	4209232	1.09	cps
Thallium	203-1	308	358	258	308	16.22	cps
Thallium	205-1	808	750	683	747	8.37	cps
Tin	118-1	1200	1133	1133	1156	3.33	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	O1527-07DLX10	Instrumnet Name :	P8
Client Sample ID :	34535DL	Dilution Factor :	10
Date & Time Acquired :	2023-02-15 16:07:04	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	250	300	247	21.93	cps
Uranium	238-1	33	33	33	33	0.00	cps
Vanadium	51-2	40	50	53	48	14.52	cps
Ytterbium	172-1	17	50	58	42	52.91	cps
Ytterbium	172-2	33	61	44	46	30.20	cps
Ytterbium	176-1	1575	1425	1308	1436	9.31	cps
Ytterbium	176-2	9264	9754	9648	9555	2.69	cps
Yttrium	89-1	10774588	11129679	11190369	11031546	2.04	cps
Yttrium	89-2	1230353	1252746	1235913	1239671	0.94	cps
Zinc	66-2	1373	1357	1387	1372	1.10	cps
Zirconium	90-1	692	800	817	769	8.82	cps
Zirconium	91-1	108	133	217	153	37.13	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2587514	2562513	2485020	2545016	2.10	cps
Antimony	121-1	2309787	2363683	2328810	2334094	1.17	cps
Arsenic	75-2	69323	67795	67168	68095	1.63	cps
Barium	135-1	3258809	3318290	3272351	3283150	0.95	cps
Barium	137-1	5595044	5572530	5496433	5554669	0.93	cps
Beryllium	9-1	1213785	1214281	1199455	1209174	0.70	cps
Bismuth	209-1	4727489	4722662	4934975	4795042	2.53	cps
Bismuth	209-2	2555315	2525127	2582527	2554323	1.12	cps
Boron	10-1	555270	574219	584960	571483	2.63	cps
Boron	11-1	2204940	2178807	2203139	2195629	0.66	cps
Bromine	81-1	49539	54482	49268	51096	5.74	cps
Cadmium	111-1	674460	682974	691997	683144	1.28	cps
Cadmium	106-1	81985	80485	84517	82329	2.48	cps
Cadmium	108-1	53533	53838	54177	53849	0.60	cps
Calcium	43-1	4848951	4805292	4716729	4790324	1.41	cps
Calcium	44-1	78307977	77923305	76595081	77608787	1.16	cps
Carbon	12-1	12331388	12025465	12228407	12195087	1.28	cps
Carbon	12-2	146239	141914	138852	142335	2.61	cps
Chlorine	35-1	271604	270401	269253	270419	0.43	cps
Chlorine	35-2	1884	2084	1834	1934	6.84	cps
Chromium	52-2	710372	695310	696496	700726	1.20	cps
Cobalt	59-2	1257325	1239142	1228345	1241604	1.18	cps
Copper	63-2	9806651	9684570	9635919	9709047	0.91	cps
Dysprosium	156-1	733	783	617	711	12.03	cps
Dysprosium	156-2	350	240	330	307	19.11	cps
Erbium	164-1	167	108	167	147	22.87	cps
Erbium	164-2	33	63	77	58	38.42	cps
Gadolinium	160-1	625	750	742	706	9.91	cps
Gadolinium	160-2	480	483	450	471	3.90	cps
Holmium	165-1	8104931	8257104	8354652	8238896	1.53	cps
Holmium	165-2	3868250	3857685	3846195	3857377	0.29	cps
Indium	115-1	6311911	6330687	6438011	6360203	1.07	cps
Indium	115-2	1010101	998948	1004715	1004588	0.56	cps
Iron	54-2	8424361	8017831	8078420	8173538	2.68	cps
Iron	56-2	153863898	145450503	148110692	149141698	2.88	cps
Iron	57-2	3775494	3682678	3718211	3725461	1.26	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	310	329	345	328	5.34	cps
Lead	206-1	10798511	11147832	11075519	11007288	1.68	cps
Lead	207-1	9803868	9646644	9898120	9782878	1.30	cps
Lead	208-1	44123551	44199097	44478951	44267200	0.42	cps
Lithium	6-1	3684637	3688758	3619501	3664299	1.06	cps
Magnesium	24-2	33841517	33396234	33017461	33418404	1.23	cps
Manganese	55-2	4060344	3925660	3895705	3960570	2.21	cps
Molybdenum	94-1	9716889	9734682	9890210	9780594	0.97	cps
Molybdenum	95-1	13991061	13698878	14162252	13950731	1.68	cps
Molybdenum	96-1	15304537	15042758	15368723	15238673	1.13	cps
Molybdenum	97-1	8631963	8348069	8677787	8552606	2.09	cps
Molybdenum	98-1	22161322	21945439	22391664	22166141	1.01	cps
Neodymium	150-1	440	493	433	456	7.22	cps
Neodymium	150-2	37	50	40	42	16.43	cps
Nickel	60-2	330658	322264	319468	324130	1.80	cps
Phosphorus	31-2	29522	29046	28746	29105	1.35	cps
Potassium	39-2	11713842	11257289	11454496	11475209	2.00	cps
Rhodium	103-1	5740020	5814165	5766926	5773704	0.65	cps
Rhodium	103-2	2630391	2604505	2610578	2615158	0.52	cps
Scandium	45-1	4815155	4878367	4766988	4820170	1.16	cps
Scandium	45-2	150840	150434	150974	150750	0.19	cps
Selenium	82-1	55506	55513	55902	55640	0.41	cps
Selenium	77-2	1687	1747	1617	1683	3.87	cps
Selenium	78-2	5992	5821	5899	5904	1.45	cps
Silicon	28-1	42383835	42040428	42454988	42293084	0.52	cps
Silver	107-1	3511784	3437331	3452182	3467099	1.14	cps
Silver	109-1	3369248	3371974	3323537	3354920	0.81	cps
Sodium	23-2	59966451	60955164	59688906	60203507	1.11	cps
Strontium	86-1	23161677	23040658	23239401	23147245	0.43	cps
Strontium	88-1	200498284	201312667	199521025	200443992	0.45	cps
Sulfur	34-1	682865	677211	680675	680250	0.42	cps
Terbium	159-1	8465450	8352141	8512994	8443528	0.98	cps
Terbium	159-2	3787288	3709239	3827253	3774594	1.59	cps
Thallium	203-1	2645247	2681841	2593327	2640138	1.68	cps
Thallium	205-1	6126188	6402999	6179029	6236072	2.36	cps
Tin	118-1	2249431	2292812	2266370	2269538	0.96	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:20:28	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4439873	4621174	4456715	4505920	2.22	cps
Uranium	238-1	8872395	8957325	8982112	8937278	0.64	cps
Vanadium	51-2	587163	564967	566020	572717	2.19	cps
Ytterbium	172-1	275	367	425	356	21.27	cps
Ytterbium	172-2	172	194	111	159	27.10	cps
Ytterbium	176-1	12657	13165	12882	12901	1.98	cps
Ytterbium	176-2	13857	14002	14136	13998	0.99	cps
Yttrium	89-1	9973799	10040394	10006365	10006853	0.33	cps
Yttrium	89-2	1120401	1104570	1112738	1112569	0.71	cps
Zinc	66-2	1186672	1160656	1154994	1167440	1.45	cps
Zirconium	90-1	5109903	4947965	5063816	5040561	1.66	cps
Zirconium	91-1	1104179	1110721	1140302	1118400	1.72	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49	35	60	48	26.12	cps
Antimony	121-1	108	92	183	128	38.21	cps
Arsenic	75-2	4	2	1	2	65.47	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	25	33	25	28	17.31	cps
Beryllium	9-1	102	89	85	92	10.01	cps
Bismuth	209-1	5617062	5584638	5520845	5574182	0.88	cps
Bismuth	209-2	2983496	2957142	2973167	2971268	0.45	cps
Boron	10-1	5828	5834	5708	5790	1.23	cps
Boron	11-1	24968	24001	24233	24401	2.07	cps
Bromine	81-1	55688	55086	51719	54164	3.95	cps
Cadmium	111-1	2425	2457	2481	2454	1.15	cps
Cadmium	106-1	3559	3617	3642	3606	1.19	cps
Cadmium	108-1	113	138	133	128	10.48	cps
Calcium	43-1	97	101	117	105	10.09	cps
Calcium	44-1	7009	7097	6968	7025	0.94	cps
Carbon	12-1	6300210	6202396	6253105	6251904	0.78	cps
Carbon	12-2	75259	72328	71357	72981	2.78	cps
Chlorine	35-1	198876	200026	198792	199231	0.35	cps
Chlorine	35-2	1492	1550	1267	1436	10.42	cps
Chromium	52-2	523	417	423	454	13.15	cps
Cobalt	59-2	20	43	20	28	48.49	cps
Copper	63-2	617	517	627	587	10.37	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	23	37	10	23	57.15	cps
Gadolinium	160-1	42	42	83	56	43.30	cps
Gadolinium	160-2	103	117	150	123	19.49	cps
Holmium	165-1	8502700	8333471	8417471	8417881	1.01	cps
Holmium	165-2	3954383	3821462	4002391	3926079	2.39	cps
Indium	115-1	6905463	6792188	6969727	6889126	1.30	cps
Indium	115-2	1093443	1081270	1084428	1086380	0.58	cps
Iron	54-2	544	472	611	543	12.80	cps
Iron	56-2	2800	2934	2623	2786	5.60	cps
Iron	57-2	156	139	122	139	12.00	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	311	329	324	3.50	cps
Lead	206-1	822	522	739	694	22.30	cps
Lead	207-1	633	639	500	591	13.31	cps
Lead	208-1	3056	2506	2545	2702	11.36	cps
Lithium	6-1	3957441	3784350	4051582	3931124	3.45	cps
Magnesium	24-2	967	825	1008	933	10.30	cps
Manganese	55-2	57	37	33	42	29.89	cps
Molybdenum	94-1	208	167	167	181	13.32	cps
Molybdenum	95-1	125	125	150	133	10.83	cps
Molybdenum	96-1	133	158	167	153	11.35	cps
Molybdenum	97-1	67	17	67	50	57.73	cps
Molybdenum	98-1	175	142	100	139	27.06	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	23	43	30	32	31.61	cps
Phosphorus	31-2	33	125	50	69	70.32	cps
Potassium	39-2	18821	19197	18696	18905	1.38	cps
Rhodium	103-1	6734256	6452497	6496553	6561102	2.31	cps
Rhodium	103-2	2992647	2955611	2914620	2954293	1.32	cps
Scandium	45-1	4939545	4862999	4818593	4873712	1.26	cps
Scandium	45-2	155288	152614	153888	153930	0.87	cps
Selenium	82-1	-1	-3	-5	-3	-65.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	53	40	49	15.43	cps
Silicon	28-1	843306	829380	839383	837356	0.86	cps
Silver	107-1	408	442	342	397	12.82	cps
Silver	109-1	425	275	325	342	22.35	cps
Sodium	23-2	13356	13949	13740	13682	2.20	cps
Strontium	86-1	492	475	458	475	3.51	cps
Strontium	88-1	342	175	183	233	40.25	cps
Sulfur	34-1	302016	302390	297703	300703	0.87	cps
Terbium	159-1	8782188	8802642	8485251	8690027	2.04	cps
Terbium	159-2	3931397	3850009	3877674	3886360	1.06	cps
Thallium	203-1	225	192	175	197	12.91	cps
Thallium	205-1	433	467	417	439	5.80	cps
Tin	118-1	300	408	358	356	15.25	cps

LB Number :	LB124105	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-02-15 16:37:13	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	125	133	136	9.36	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Ytterbium	172-1	33	50	50	44	21.66	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	1467	1392	1250	1370	8.03	cps
Ytterbium	176-2	8747	9281	9298	9109	3.44	cps
Yttrium	89-1	10192874	10114027	10103336	10136746	0.48	cps
Yttrium	89-2	1163595	1135667	1146298	1148520	1.23	cps
Zinc	66-2	180	177	193	183	4.81	cps
Zirconium	90-1	458	383	342	394	14.99	cps
Zirconium	91-1	75	108	58	81	31.61	cps