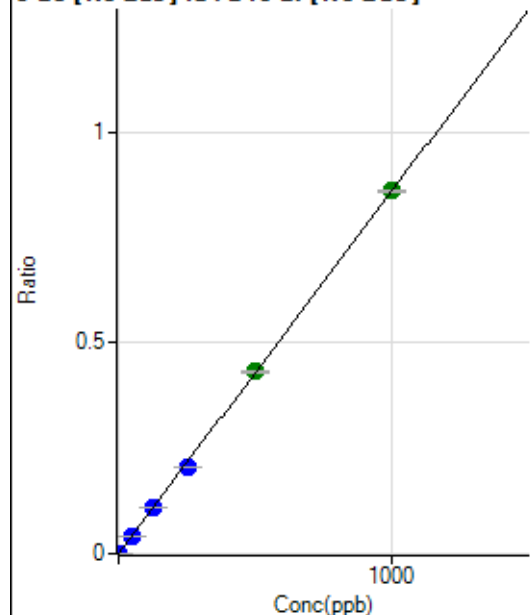


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7041922 MS.b\
Analysis File: P7041922 MS.batch.bin
DA Date-Time: 2022-04-20 10:59:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-04-19 15:39:47
2	004CALS.d	S02	2022-04-19 15:42:41
3	005CALS.d	S03	2022-04-19 15:45:34
4	006CALS.d	S04	2022-04-19 15:48:21
5	007CALS.d	S05	2022-04-19 15:51:06
6	008CALS.d	S06	2022-04-19 15:53:53
7	009CALS.d	S07	2022-04-19 15:56:38
8	010CALS.d	S08	2022-04-19 15:59:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	8.4
2	☐	1.000	1.045	2814.72	0.0009	P	2.9
3	☐	50.000	49.053	132350.21	0.0421	P	0.5
4	☐	125.000	125.448	335391.61	0.1078	P	0.9
5	☐	250.000	238.994	645191.98	0.2053	P	1.1
6	☐	500.000	502.087	1300454.90	0.4313	A	0.5
7	☐	1000.000	1001.699	2573258.52	0.8605	A	0.6
8	☐			373.34	0.0001	P	12.8

$$y = 8.5898\text{E-}004 * x + 1.2427\text{E-}005$$

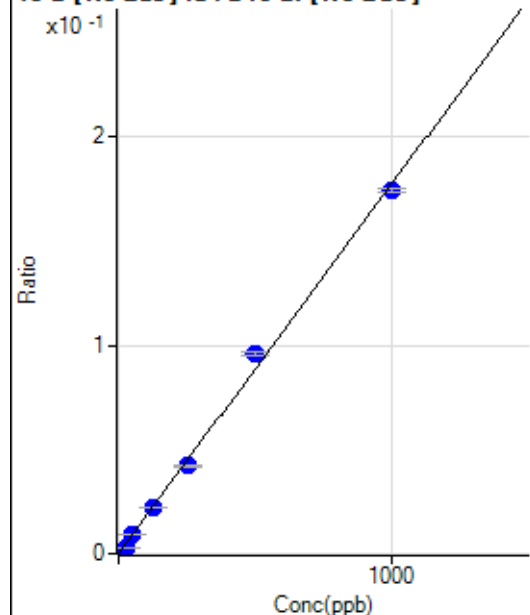
$$R = 0.9999$$

$$DL = 0.003624$$

$$BEC = 0.01447$$

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	197.23	0.0001	P	29.6
2	☐	25.000	16.031	8972.28	0.0029	P	11.1
3	☐	50.000	53.279	29862.72	0.0095	P	1.6
4	☐	125.000	123.612	68409.93	0.0220	P	2.4
5	☐	250.000	237.156	132310.01	0.0421	P	3.5
6	☐	500.000	542.695	290278.67	0.0963	P	1.8
7	☐	1000.000	982.097	520861.99	0.1742	P	1.0
8	☐			15980.87	0.0058	P	9.3

$$y = 1.7727\text{E-}004 * x + 6.4610\text{E-}005$$

$$R = 0.9985$$

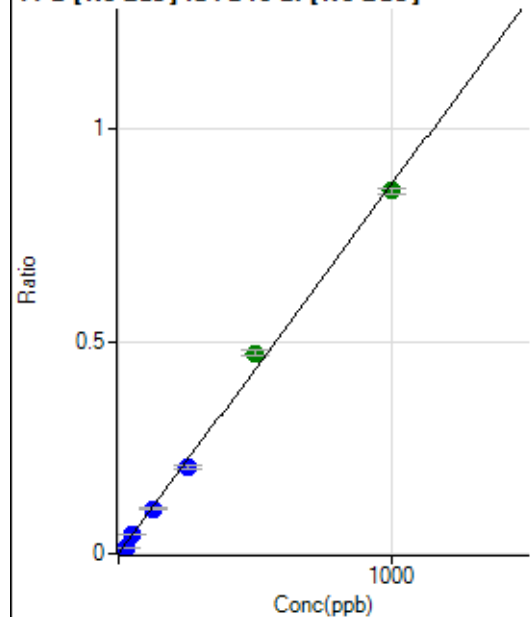
$$DL = 0.3234$$

$$BEC = 0.3645$$

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	1005.62	0.0003	P	2.2
2	☐	25.000	15.368	42272.27	0.0137	P	8.4
3	☐	50.000	52.919	145536.15	0.0463	P	2.7
4	☐	125.000	120.722	327748.89	0.1053	P	4.1
5	☐	250.000	234.742	642360.69	0.2044	P	3.9
6	☐	500.000	543.293	1425247.01	0.4727	A	3.2
7	☐	1000.000	982.797	2556489.71	0.8548	A	1.7
8	☐			76565.67	0.0276	P	11.2

$$y = 8.6946E-004 * x + 3.3126E-004$$

$$R = 0.9984$$

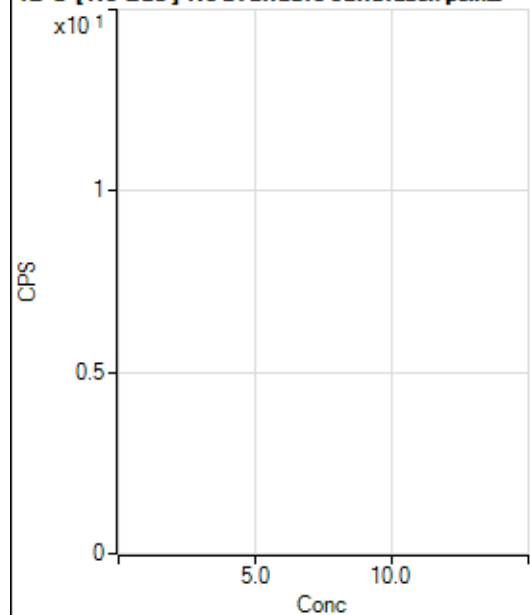
$$DL = 0.02487$$

$$BEC = 0.381$$

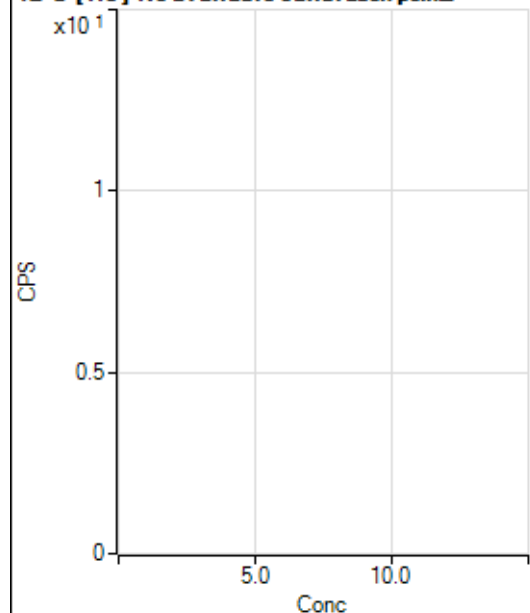
Weight: <None>

Min Conc: 0

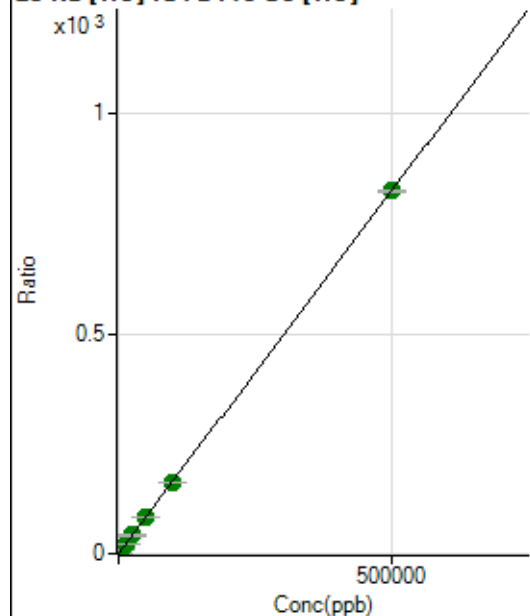
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21498.58	0.0315	P	3.0
2	☐	500.000	479.728	569246.80	0.8230	P	1.2
3	☐	5000.000	5139.681	5788736.47	8.5112	A	0.5
4	☐	12500.000	12812.843	14100840.13	21.1707	A	0.8
5	☐	25000.000	25230.916	27462411.96	41.6585	A	0.7
6	☐	50000.000	50366.499	55294479.01	83.1283	A	0.2
7	☐	100000.00	98750.653	110565841.36	162.9545	A	0.5
8	☐	500000.00	500192.47	584074820.46	825.2699	A	0.5

$$y = 0.0016 * x + 0.0315$$

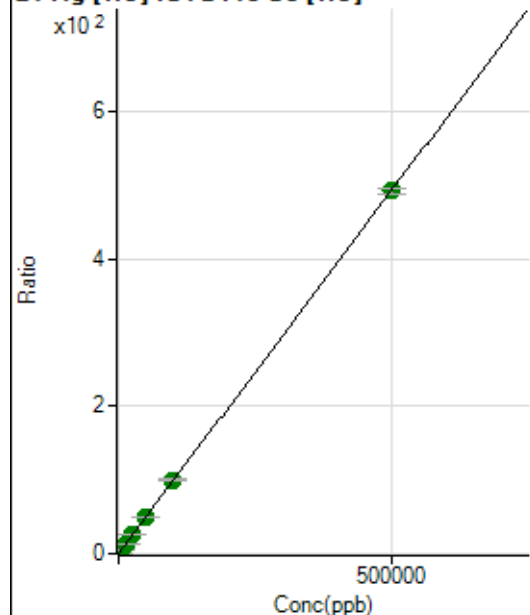
$$R = 1.0000$$

$$DL = 1.74$$

$$BEC = 19.1$$

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	375.94	0.0006	P	25.5
2	☐	500.000	494.001	336884.76	0.4871	P	1.3
3	☐	5000.000	5258.585	3522531.56	5.1793	A	1.1
4	☐	12500.000	13039.479	8553620.39	12.8420	A	0.7
5	☐	25000.000	25666.312	16663492.97	25.2772	A	0.7
6	☐	50000.000	51188.900	33532976.91	50.4122	A	0.5
7	☐	100000.00	101358.65	67729226.51	99.8202	A	1.5
8	☐	500000.00	499559.99	348174904.08	491.9754	A	1.5

$$y = 9.8482\text{E-}004 * x + 5.5153\text{E-}004$$

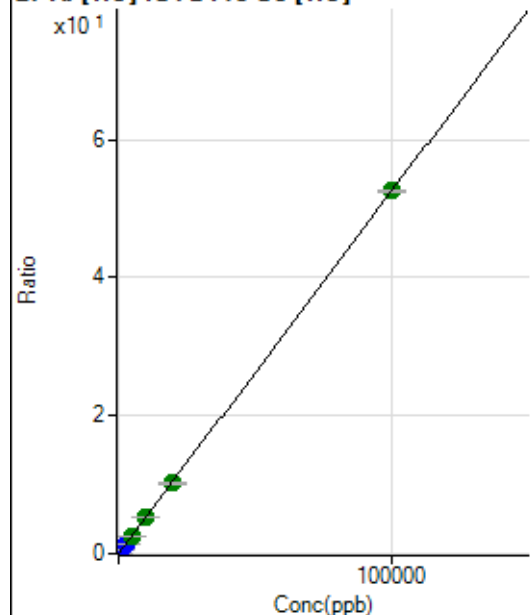
$$R = 1.0000$$

$$DL = 0.4292$$

$$BEC = 0.56$$

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	179.64	0.0003	P	16.0
2	☐	20.000	20.156	7498.24	0.0108	P	1.7
3	☐	1000.000	1033.827	369123.79	0.5427	P	1.1
4	☐	2500.000	2447.599	855618.52	1.2846	P	0.8
5	☐	5000.000	4969.845	1719295.93	2.6081	A	0.5
6	☐	10000.000	9867.906	3444423.28	5.1783	A	1.0
7	☐	20000.000	19474.958	6933992.34	10.2194	A	1.2
8	☐	100000.00	100120.69	37182587.87	52.5367	A	0.6

$$y = 5.2473\text{E-}004 * x + 2.6329\text{E-}004$$

$$R = 1.0000$$

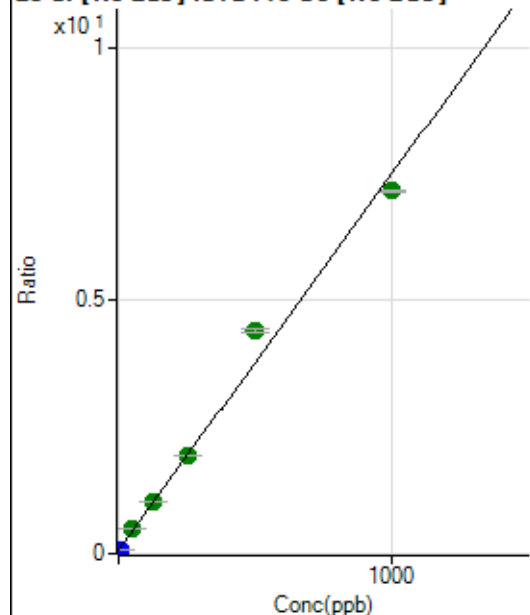
$$DL = 0.2407$$

$$BEC = 0.5018$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	529622.44	0.0655	P	2.2
2	☐	10.000	1.537	632849.22	0.0769	P	4.4
3	☐	50.000	59.122	4152546.40	0.5045	A	3.1
4	☐	125.000	128.969	8013930.65	1.0230	A	1.2
5	☐	250.000	252.784	14853255.89	1.9422	A	1.3
6	☐	500.000	584.822	33874629.58	4.4072	A	1.2
7	☐	1000.000	956.025	56779758.22	7.1629	A	0.6
8	☐			1270099.26	0.1623	A	4.5

$$y = 0.0074 * x + 0.0655$$

$$R = 0.9944$$

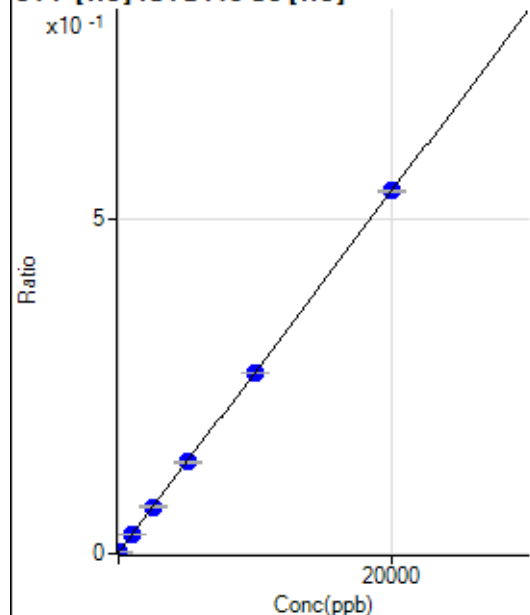
$$DL = 0.5839$$

$$BEC = 8.828$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.190	733.37	0.0011	P	9.7
2	☐	0.000	10.190	1125.07	0.0016	P	13.0
3	☐	1000.000	1007.785	19434.96	0.0286	P	0.1
4	☐	2500.000	2546.050	46710.92	0.0701	P	0.9
5	☐	5000.000	5018.784	90271.76	0.1369	P	1.8
6	☐	10000.000	9948.058	179657.43	0.2701	P	0.4
7	☐	20000.000	20015.129	367788.08	0.5421	P	0.5
8	☐			886.16	0.0013	P	4.7

$$y = 2.7015E-005 * x + 0.0014$$

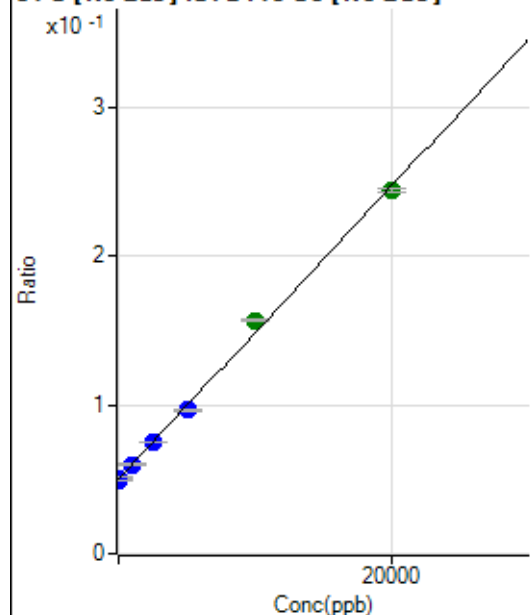
$$R = 1.0000$$

$$DL = 17.56$$

$$BEC = 49.99$$

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	-52.250	401747.49	0.0497	P	2.1
2	☐	0.000	52.250	417306.20	0.0507	P	4.6
3	☐	1000.000	966.400	491933.52	0.0597	P	1.5
4	☐	2500.000	2493.524	585955.46	0.0748	P	0.6
5	☐	5000.000	4721.697	739886.96	0.0967	P	1.5
6	☐	10000.000	10837.645	1206833.38	0.1570	A	0.6
7	☐	20000.000	19653.243	1932996.33	0.2439	A	1.2
8	☐			356713.43	0.0456	P	1.4

$$y = 9.8521\text{E-}006 * x + 0.0502$$

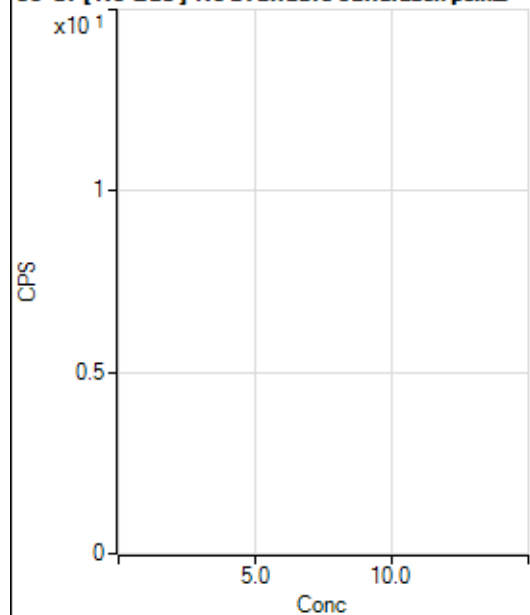
R = 0.9986

DL = 518.1

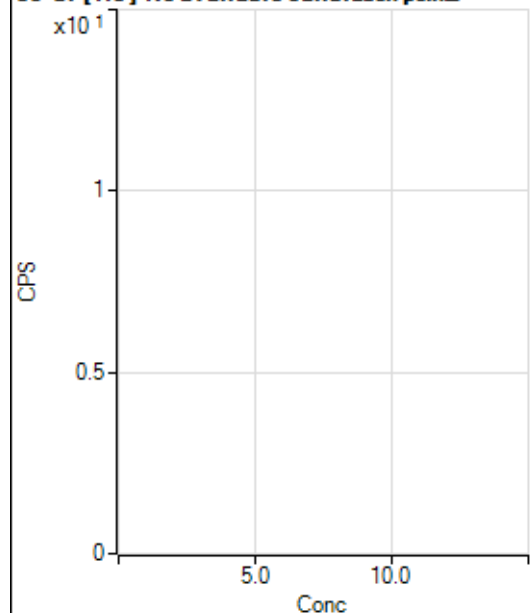
BEC = 5098

Weight: <None>

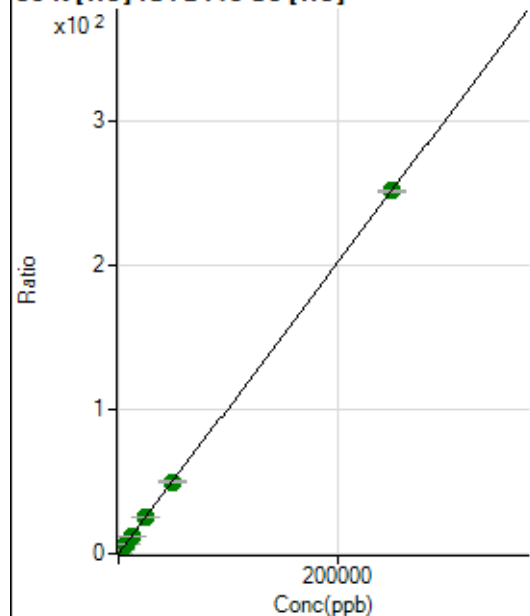
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70538.58	0.1034	P	1.3
2	☐	500.000	505.892	423017.26	0.6116	P	0.8
3	☐	2500.000	2563.396	1821659.79	2.6784	A	0.4
4	☐	6250.000	6283.995	4273250.83	6.4158	A	0.6
5	☐	12500.000	12421.500	8293881.96	12.5811	A	0.7
6	☐	25000.000	25076.493	16824663.40	25.2934	A	0.7
7	☐	50000.000	49575.037	33859604.92	49.9029	A	0.5
8	☐	250000.00	250079.77	177866409.53	251.3153	A	0.5

$$y = 0.0010 * x + 0.1034$$

$$R = 1.0000$$

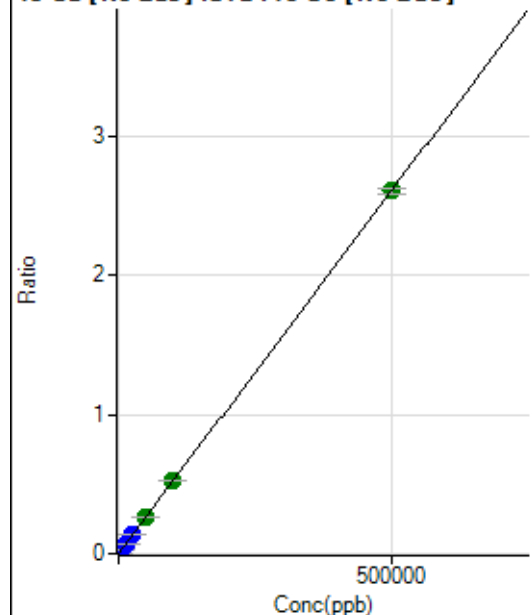
$$DL = 4.058$$

$$BEC = 102.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.68	0.0000	P	22.1
2	☐	500.000	488.801	21268.12	0.0026	P	4.3
3	☐	5000.000	5144.359	220939.31	0.0268	P	2.9
4	☐	12500.000	13196.557	538908.23	0.0688	P	1.6
5	☐	25000.000	26118.155	1040912.56	0.1361	P	1.0
6	☐	50000.000	50279.582	2013605.86	0.2620	A	0.7
7	☐	100000.00	99961.343	4128343.67	0.5208	A	0.4
8	☐	500000.00	499905.01	20381904.45	2.6043	A	1.9

$$y = 5.2096E-006 * x + 3.9261E-005$$

R = 1.0000

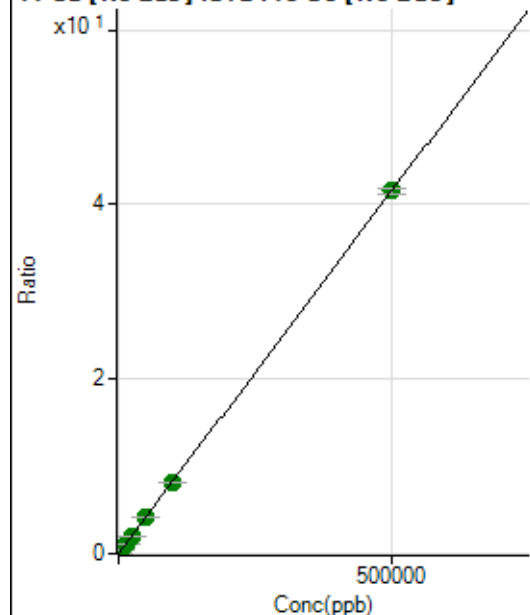
DL = 4.991

BEC = 7.536

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55789.80	0.0069	P	1.5
2	☐	500.000	491.908	392816.39	0.0478	P	4.5
3	☐	5000.000	4880.829	3394540.68	0.4123	A	2.5
4	☐	12500.000	12357.157	8095397.84	1.0334	A	0.9
5	☐	25000.000	24761.002	15783150.00	2.0638	A	1.3
6	☐	50000.000	49508.725	31663339.60	4.1195	A	1.0
7	☐	100000.00	98411.613	64857659.78	8.1818	A	0.2
8	☐	500000.00	500383.52	325357660.05	41.5732	A	1.9

$$y = 8.3069E-005 * x + 0.0069$$

R = 1.0000

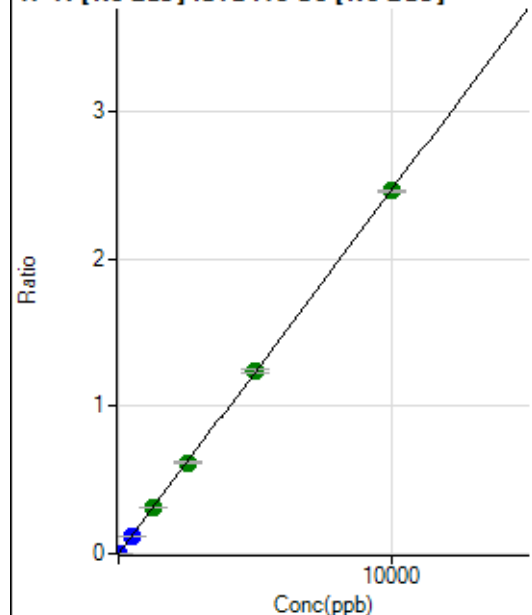
DL = 3.725

BEC = 83.09

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.01	0.0000	P	7.3
2	☐	5.000	4.811	10025.77	0.0012	P	4.7
3	☐	500.000	480.240	974069.18	0.1183	P	3.0
4	☐	1250.000	1251.771	2415903.42	0.3084	A	0.1
5	☐	2500.000	2505.293	4719970.90	0.6171	A	0.6
6	☐	5000.000	5036.986	9536498.91	1.2408	A	1.5
7	☐	10000.000	9980.950	19489179.26	2.4586	A	0.4
8	☐			3467.16	0.0004	P	11.5

$$y = 2.4632E-004 * x + 3.4012E-005$$

$$R = 1.0000$$

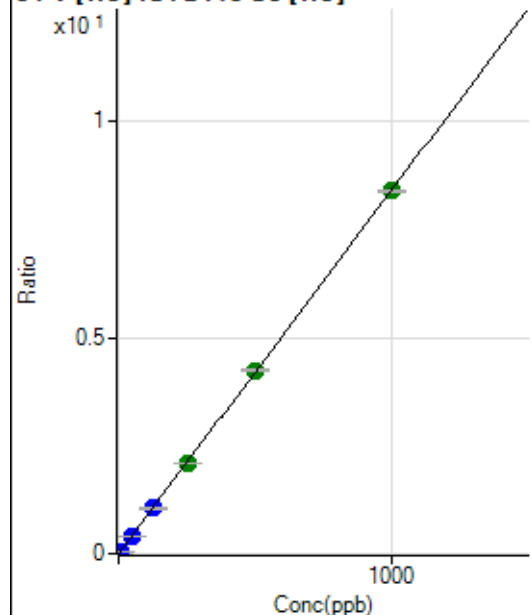
$$DL = 0.03031$$

$$BEC = 0.1381$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0001	P	12.8
2	☐	5.000	4.888	28480.26	0.0412	P	0.4
3	☐	50.000	49.971	285661.71	0.4200	P	0.6
4	☐	125.000	124.747	698248.57	1.0484	P	0.6
5	☐	250.000	249.125	1380120.26	2.0935	A	0.6
6	☐	500.000	503.398	2813794.47	4.2302	A	0.9
7	☐	1000.000	998.553	5693425.26	8.3911	A	0.3
8	☐			1087.83	0.0015	P	5.6

$$y = 0.0084 * x + 1.0102E-004$$

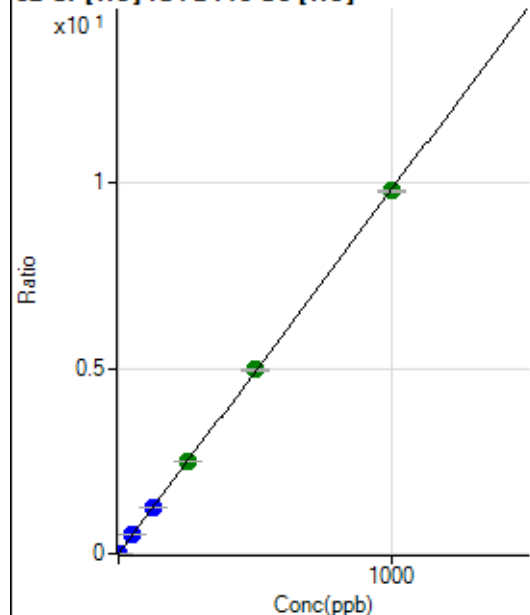
$$R = 1.0000$$

$$DL = 0.004622$$

$$BEC = 0.01202$$

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	2864.74	0.0042	P	4.8
2	☐	2.000	1.955	16194.34	0.0234	P	2.2
3	☐	50.000	50.828	342637.24	0.5038	P	1.2
4	☐	125.000	127.472	837308.08	1.2572	P	0.5
5	☐	250.000	252.300	1637578.33	2.4841	A	0.4
6	☐	500.000	505.173	3305667.04	4.9697	A	1.1
7	☐	1000.000	996.488	6648679.55	9.7989	A	0.6
8	☐			62272.44	0.0880	P	0.9

$$y = 0.0098 * x + 0.0042$$

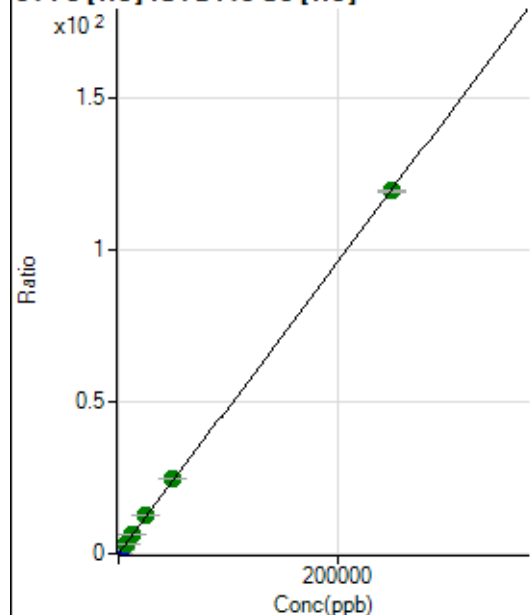
$$R = 1.0000$$

$$DL = 0.06101$$

$$BEC = 0.4272$$

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	2068.94	0.0030	P	4.5
2	☐	50.000	52.794	19536.03	0.0282	P	3.8
3	☐	2500.000	2714.468	883758.55	1.2994	P	0.7
4	☐	6250.000	6683.160	2127916.41	3.1948	A	0.4
5	☐	12500.000	13176.868	4150529.65	6.2962	A	1.0
6	☐	25000.000	26323.506	8364170.02	12.5749	A	1.2
7	☐	50000.000	51626.511	16731431.47	24.6593	A	0.5
8	☐	250000.00	249495.53	84333221.08	119.1594	A	0.6

$$y = 4.7759E-004 * x + 0.0030$$

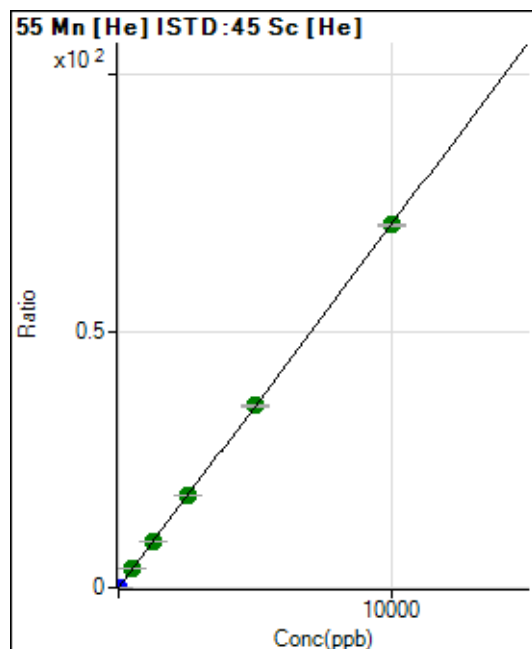
$$R = 1.0000$$

$$DL = 0.8558$$

$$BEC = 6.35$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	336.67	0.0005	P	9.9
2	☐	1.000	1.015	5318.77	0.0077	P	2.0
3	☐	500.000	516.040	2488717.05	3.6592	A	0.4
4	☐	1250.000	1279.972	6044758.94	9.0754	A	0.9
5	☐	2500.000	2523.270	11793675.10	17.8903	A	0.6
6	☐	5000.000	5013.474	23643351.04	35.5457	A	0.8
7	☐	10000.000	9982.897	48023417.06	70.7786	A	0.7
8	☐			30165.86	0.0426	P	0.3

$$y = 0.0071 * x + 4.9314E-004$$

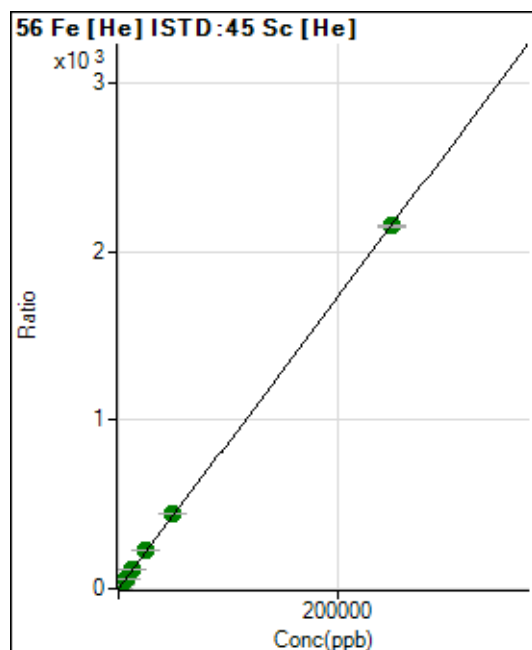
$$R = 1.0000$$

$$DL = 0.02058$$

$$BEC = 0.06956$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18752.64	0.0275	P	2.8
2	☐	50.000	51.794	328110.74	0.4744	P	1.1
3	☐	2500.000	2646.926	15550787.96	22.8652	A	1.4
4	☐	6250.000	6662.264	38304472.61	57.5096	A	0.3
5	☐	12500.000	13066.994	74341093.33	112.7697	A	0.5
6	☐	25000.000	25991.295	149178427.41	224.2807	A	1.4
7	☐	50000.000	51584.228	302001247.49	445.0968	A	0.2
8	☐	250000.00	249543.89	1523817693.3	2,153.095	A	0.7

$$y = 0.0086 * x + 0.0275$$

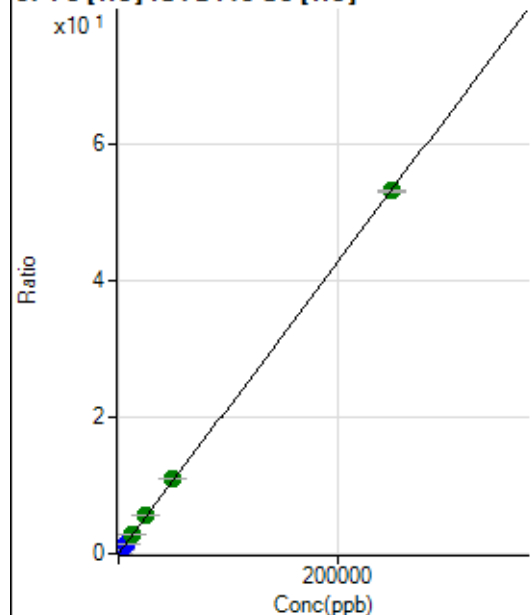
$$R = 1.0000$$

$$DL = 0.2638$$

$$BEC = 3.186$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	577.80	0.0008	P	9.3
2	☐	50.000	52.994	8406.19	0.0122	P	1.3
3	☐	2500.000	2657.678	386219.64	0.5679	P	0.4
4	☐	6250.000	6679.459	949726.53	1.4259	P	0.4
5	☐	12500.000	13088.497	1841397.36	2.7933	A	1.0
6	☐	25000.000	26217.172	3721195.34	5.5943	A	1.5
7	☐	50000.000	51345.688	7433510.29	10.9556	A	1.5
8	☐	250000.00	249567.40	37684172.60	53.2466	A	0.8

$$y = 2.1335E-004 * x + 8.4686E-004$$

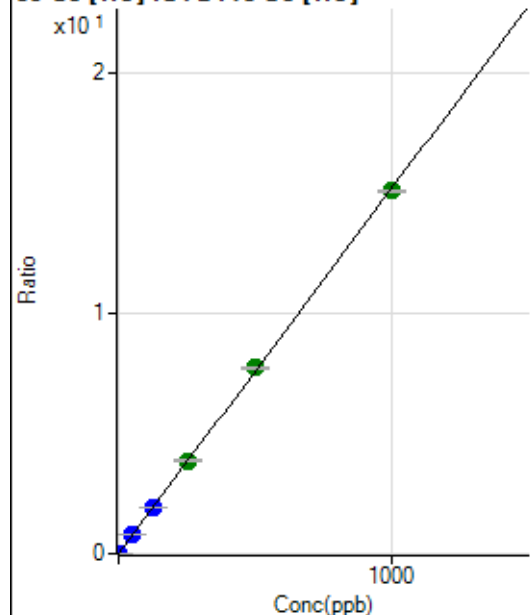
$$R = 1.0000$$

$$DL = 1.11$$

$$BEC = 3.969$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164.45	0.0002	P	13.9
2	☐	1.000	1.008	10732.80	0.0155	P	0.1
3	☐	50.000	51.201	528010.43	0.7763	P	0.4
4	☐	125.000	127.358	1285971.06	1.9307	P	0.5
5	☐	250.000	255.112	2549336.06	3.8673	A	0.9
6	☐	500.000	508.770	5129982.36	7.7122	A	0.9
7	☐	1000.000	993.982	10223229.50	15.0671	A	0.9
8	☐			20573.10	0.0291	P	2.3

$$y = 0.0152 * x + 2.4109E-004$$

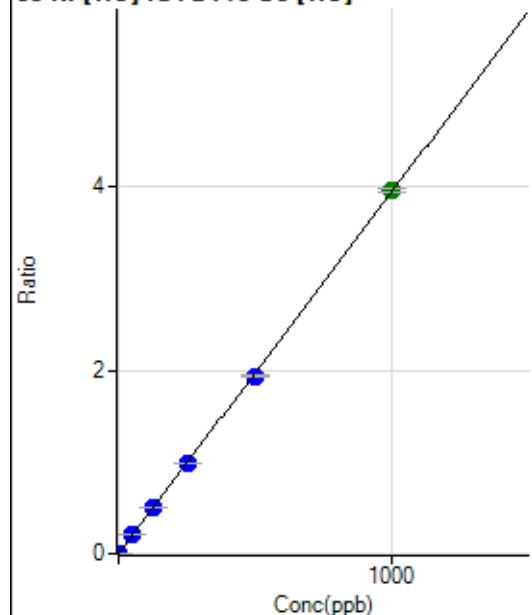
$$R = 0.9999$$

$$DL = 0.006612$$

$$BEC = 0.0159$$

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	318.89	0.0005	P	6.7
2	☐	1.000	1.011	3077.02	0.0044	P	1.4
3	☐	50.000	51.749	138982.25	0.2043	P	0.4
4	☐	125.000	128.649	337897.70	0.5073	P	1.1
5	☐	250.000	250.877	651876.45	0.9889	P	0.4
6	☐	500.000	491.247	1287682.34	1.9359	P	0.7
7	☐	1000.000	1003.614	2683143.94	3.9545	A	0.9
8	☐			19295.83	0.0273	P	2.5

$$y = 0.0039 * x + 4.6718E-004$$

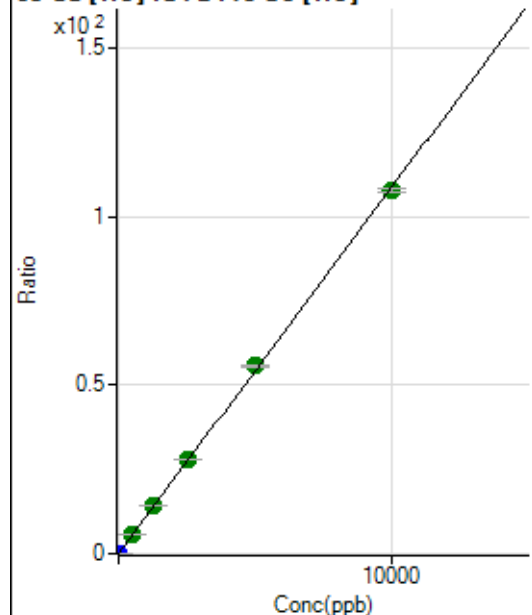
$$R = 0.9999$$

$$DL = 0.02389$$

$$BEC = 0.1186$$

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	1112.28	0.0016	P	2.7
2	☐	2.000	2.037	16452.46	0.0238	P	2.1
3	☐	500.000	534.130	3952744.70	5.8119	A	0.7
4	☐	1250.000	1309.784	9490707.43	14.2494	A	0.4
5	☐	2500.000	2576.203	18475009.59	28.0254	A	0.7
6	☐	5000.000	5125.795	37088795.56	55.7597	A	0.9
7	☐	10000.000	9908.872	73135467.80	107.7896	A	1.0
8	☐			18774.08	0.0265	P	2.4

$$y = 0.0109 * x + 0.0016$$

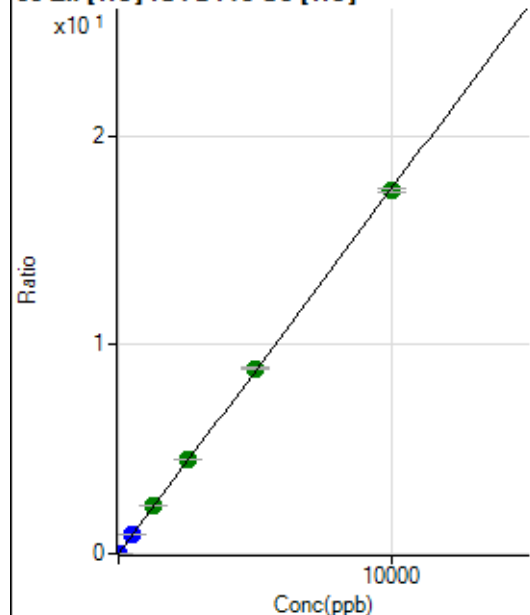
$$R = 0.9998$$

$$DL = 0.01226$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	371.12	0.0005	P	20.2
2	☐	2.000	2.218	3057.01	0.0044	P	4.2
3	☐	500.000	517.459	615193.11	0.9046	P	1.4
4	☐	1250.000	1304.422	1518172.86	2.2794	A	1.4
5	☐	2500.000	2571.374	2961680.02	4.4928	A	1.2
6	☐	5000.000	5075.830	5898632.21	8.8681	A	1.1
7	☐	10000.000	9936.566	11778936.35	17.3599	A	0.9
8	☐			15334.66	0.0217	P	1.9

$$y = 0.0017 * x + 5.4449E-004$$

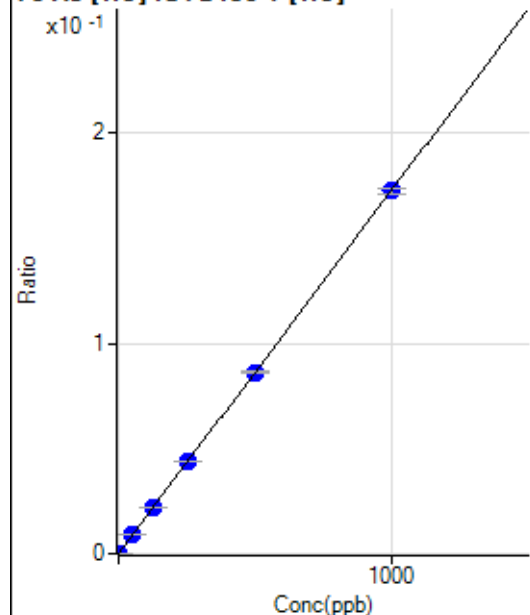
$$R = 0.9999$$

$$DL = 0.1893$$

$$BEC = 0.3117$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.25	0.0000	P	12.1
2	☐	1.000	1.091	843.86	0.0002	P	1.2
3	☐	50.000	50.911	37313.33	0.0088	P	1.3
4	☐	125.000	128.409	91924.15	0.0222	P	0.8
5	☐	250.000	253.237	180254.06	0.0437	P	0.2
6	☐	500.000	499.695	363514.07	0.0862	P	0.4
7	☐	1000.000	998.871	732297.84	0.1723	P	1.3
8	☐			319.76	0.0001	P	12.0

$$y = 1.7251E-004 * x + 7.0790E-006$$

$$R = 1.0000$$

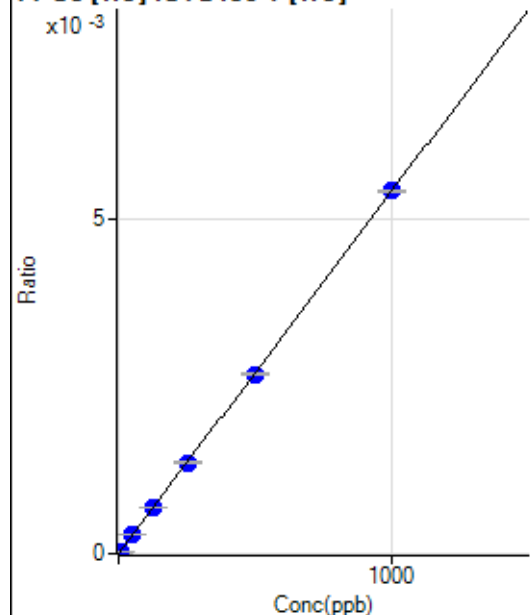
$$DL = 0.01484$$

$$BEC = 0.04104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.188	145.56	0.0000	P	6.7
3	☐	50.000	52.212	1197.84	0.0003	P	6.1
4	☐	125.000	128.136	2871.42	0.0007	P	1.9
5	☐	250.000	251.860	5612.21	0.0014	P	0.6
6	☐	500.000	495.333	11279.95	0.0027	P	0.8
7	☐	1000.000	1001.360	22981.30	0.0054	P	0.5
8	☐			17.78	0.0000	P	21.8

$$y = 5.4003\text{E-}006 * x + 2.5717\text{E-}007$$

$$R = 1.0000$$

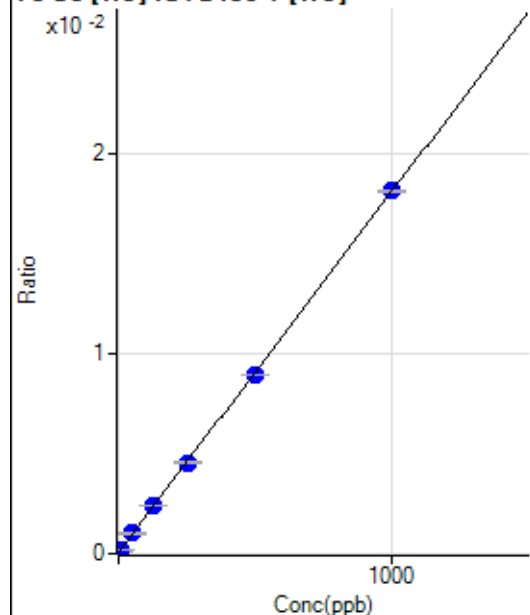
$$DL = 0.2474$$

$$BEC = 0.04762$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	318.52	0.0001	P	18.9
2	☐	5.000	5.016	712.37	0.0002	P	1.9
3	☐	50.000	52.425	4325.96	0.0010	P	1.9
4	☐	125.000	129.311	9971.90	0.0024	P	2.4
5	☐	250.000	248.901	18804.52	0.0046	P	1.1
6	☐	500.000	492.779	37745.36	0.0090	P	0.7
7	☐	1000.000	1003.225	77118.72	0.0181	P	0.7
8	☐			333.96	0.0001	P	4.8

$$y = 1.8015\text{E-}005 * x + 7.4508\text{E-}005$$

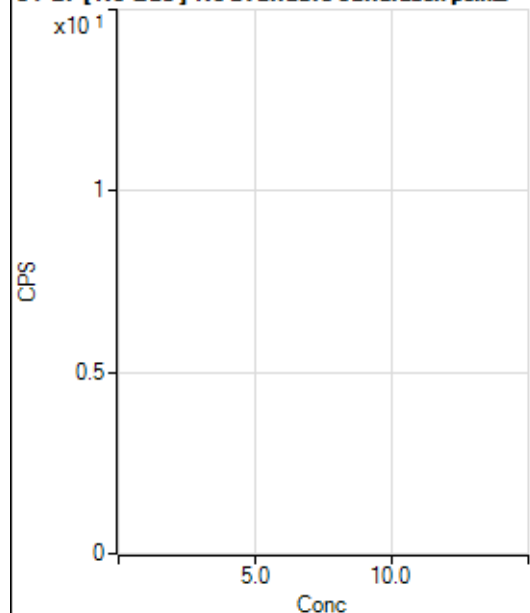
$$R = 0.9999$$

$$DL = 2.345$$

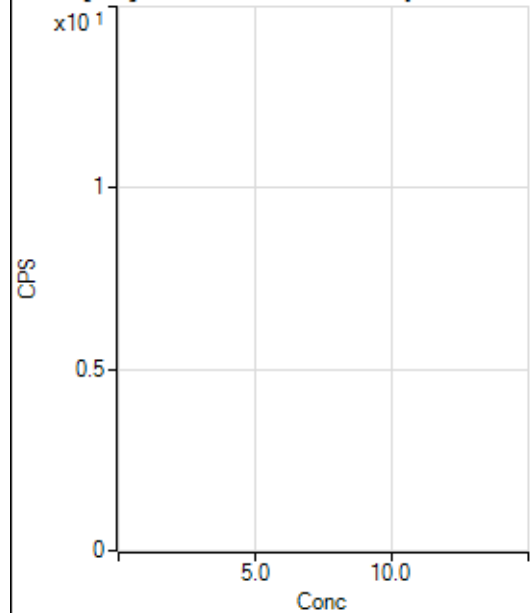
$$BEC = 4.136$$

Weight: <None>

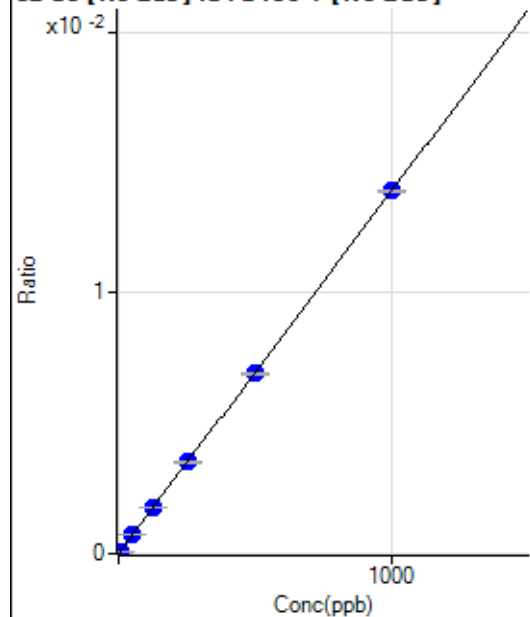
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12347.16		P	4.7
2	☐			12319.41		P	5.7
3	☐			11691.00		P	4.5
4	☐			11451.96		P	3.9
5	☐			11137.81		P	1.8
6	☐			11671.59		P	5.2
7	☐			12327.63		P	0.5
8	☐			12661.34		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.42		P	25.0
2	☐			70.07		P	37.8
3	☐			73.41		P	47.9
4	☐			53.39		P	54.1
5	☐			83.42		P	18.3
6	☐			80.08		P	43.3
7	☐			96.77		P	83.0
8	☐			126.79		P	12.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.64	0.0000	P	204.
2	☐	5.000	4.858	1232.08	0.0001	P	17.0
3	☐	50.000	50.854	12357.00	0.0007	P	2.5
4	☐	125.000	128.694	30298.60	0.0018	P	0.9
5	☐	250.000	253.092	58773.04	0.0035	P	1.1
6	☐	500.000	496.664	116040.19	0.0069	P	0.9
7	☐	1000.000	1000.391	238944.70	0.0139	P	0.3
8	☐			124.87	0.0000	P	76.0

$$y = 1.3915E-005 * x + 2.7288E-006$$

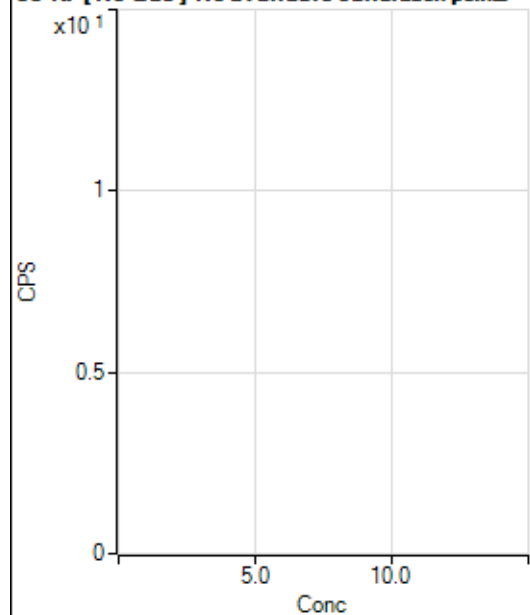
$$R = 1.0000$$

$$DL = 1.206$$

$$BEC = 0.1961$$

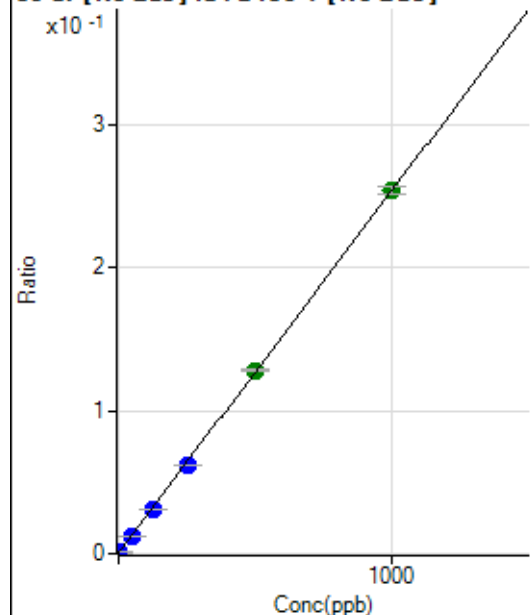
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4940.87		P	0.5
2	☐			4970.88		P	3.9
3	☐			5026.45		P	2.2
4	☐			5015.35		P	3.5
5	☐			4860.84		P	2.9
6	☐			4983.11		P	1.7
7	☐			5177.62		P	2.1
8	☐			5009.78		P	2.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7980.14	0.0005	P	1.7
2	☐	1.000	0.865	11894.02	0.0007	P	1.8
3	☐	50.000	47.929	218879.51	0.0126	P	2.8
4	☐	125.000	122.757	532272.26	0.0315	P	0.4
5	☐	250.000	241.751	1027217.91	0.0616	P	1.3
6	☐	500.000	503.888	2146648.51	0.1279	A	0.8
7	☐	1000.000	1000.502	4349649.10	0.2535	A	2.1
8	☐			35067.39	0.0021	P	2.2

$$y = 2.5291\text{E-}004 * x + 4.6230\text{E-}004$$

$$R = 1.0000$$

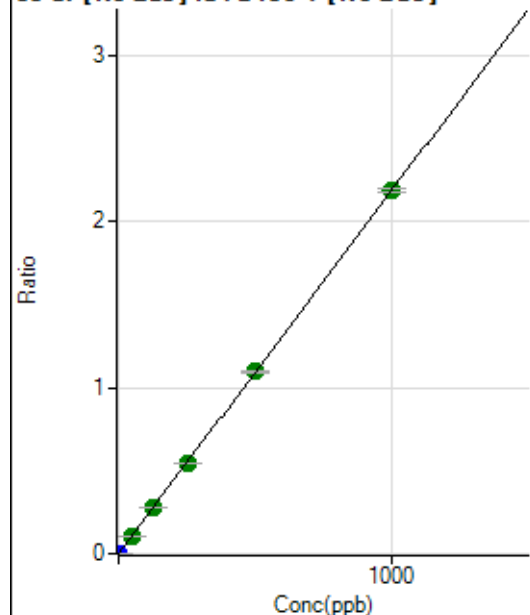
$$DL = 0.09086$$

$$BEC = 1.828$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.24	0.0000	P	12.6
2	☐	1.000	0.949	36599.14	0.0021	P	3.7
3	☐	50.000	49.526	1881351.45	0.1081	A	1.6
4	☐	125.000	124.918	4606895.07	0.2727	A	0.0
5	☐	250.000	248.420	9043190.57	0.5423	A	0.9
6	☐	500.000	501.699	18381250.24	1.0952	A	0.8
7	☐	1000.000	999.580	37443174.80	2.1820	A	1.1
8	☐			242564.64	0.0144	P	0.8

$$y = 0.0022 * x + 2.5891\text{E-}005$$

$$R = 1.0000$$

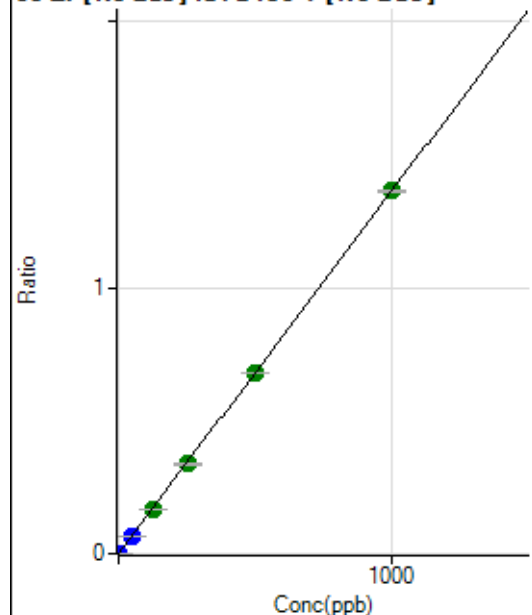
$$DL = 0.004499$$

$$BEC = 0.01186$$

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	966.73	0.0001	P	13.0
2	☐	1.000	0.922	22910.05	0.0013	P	3.3
3	☐	50.000	47.844	1134815.21	0.0653	P	3.6
4	☐	125.000	122.888	2829777.67	0.1675	A	0.9
5	☐	250.000	247.006	5613861.37	0.3366	A	0.6
6	☐	500.000	499.648	11428199.22	0.6809	A	0.4
7	☐	1000.000	1001.296	23415974.13	1.3645	A	0.8
8	☐			12052.45	0.0007	P	7.0

$$y = 0.0014 * x + 5.6047E-005$$

$$R = 1.0000$$

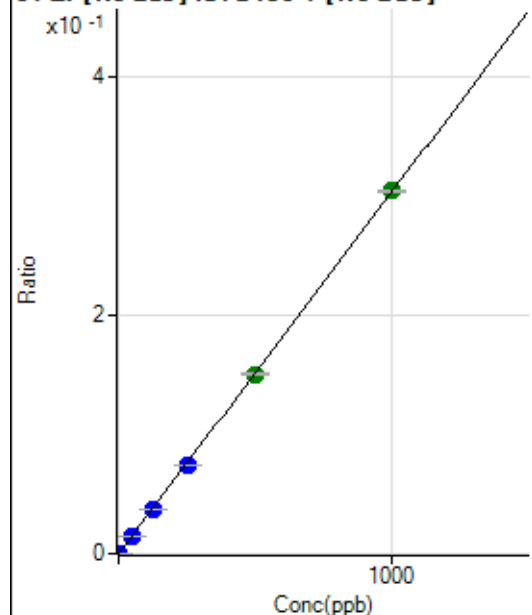
$$DL = 0.01601$$

$$BEC = 0.04113$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	6.6
2	☐	1.000	0.957	5231.62	0.0003	P	5.3
3	☐	50.000	48.426	255447.10	0.0147	P	3.9
4	☐	125.000	123.017	630102.21	0.0373	P	0.8
5	☐	250.000	244.369	1235368.41	0.0741	P	1.1
6	☐	500.000	495.675	2521927.55	0.1503	A	0.9
7	☐	1000.000	1003.897	5222304.85	0.3043	A	0.7
8	☐			2553.07	0.0002	P	5.0

$$y = 3.0313E-004 * x + 9.8122E-006$$

$$R = 1.0000$$

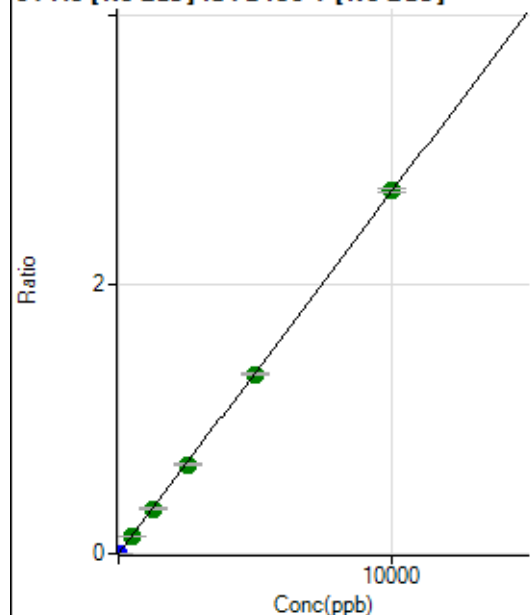
$$DL = 0.006397$$

$$BEC = 0.03237$$

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	455.57	0.0000	P	10.6
2	☐	5.000	5.564	26580.34	0.0015	P	3.5
3	☐	500.000	492.333	2303271.88	0.1324	A	3.2
4	☐	1250.000	1246.065	5661339.32	0.3351	A	0.8
5	☐	2500.000	2469.471	11074380.02	0.6641	A	1.6
6	☐	5000.000	4954.796	22364058.66	1.3325	A	0.9
7	☐	10000.000	10031.109	46295205.90	2.6977	A	1.2
8	☐			15719.96	0.0009	P	6.4

$$y = 2.6893\text{E-}004 * x + 2.6382\text{E-}005$$

$$R = 1.0000$$

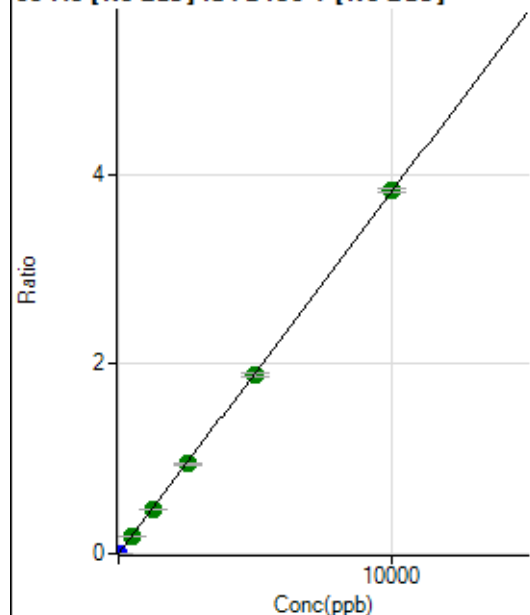
$$DL = 0.03106$$

$$BEC = 0.0981$$

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	136.12	0.0000	P	22.3
2	☐	5.000	4.924	32926.50	0.0019	P	3.9
3	☐	500.000	487.502	3235069.84	0.1860	A	3.5
4	☐	1250.000	1242.753	8010259.12	0.4742	A	0.6
5	☐	2500.000	2478.350	15767944.45	0.9456	A	1.3
6	☐	5000.000	4947.278	31680518.07	1.8876	A	1.7
7	☐	10000.000	10033.304	65694129.25	3.8282	A	1.1
8	☐			18837.65	0.0011	P	10.7

$$y = 3.8155\text{E-}004 * x + 7.8933\text{E-}006$$

$$R = 1.0000$$

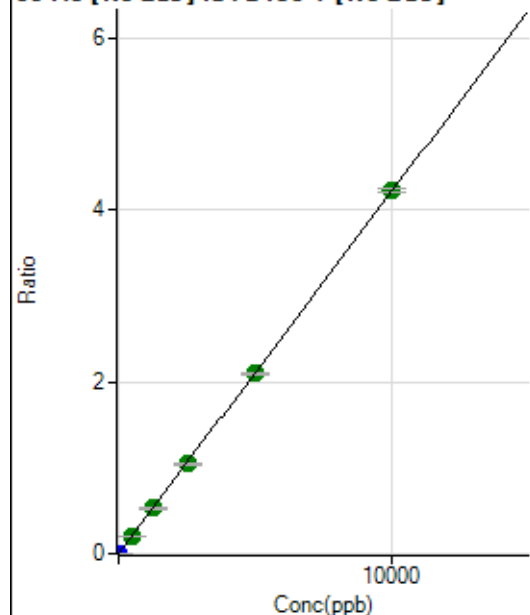
$$DL = 0.01383$$

$$BEC = 0.02069$$

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	277.79	0.0000	P	22.0
2	☐	5.000	4.917	36387.74	0.0021	P	5.0
3	☐	500.000	489.357	3581229.03	0.2059	A	4.3
4	☐	1250.000	1250.487	8889844.21	0.5262	A	0.5
5	☐	2500.000	2477.794	17386461.85	1.0427	A	1.7
6	☐	5000.000	4967.238	35082472.66	2.0903	A	1.4
7	☐	10000.000	10022.403	72377321.76	4.2176	A	1.0
8	☐			28250.17	0.0017	P	6.1

$$y = 4.2081\text{E-}004 * x + 1.6076\text{E-}005$$

$$R = 1.0000$$

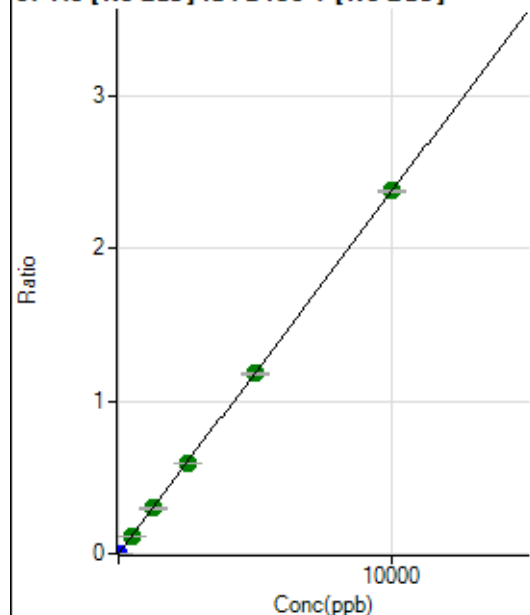
$$DL = 0.02516$$

$$BEC = 0.0382$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	23.0
2	☐	5.000	4.894	20414.73	0.0012	P	5.1
3	☐	500.000	489.519	2023049.24	0.1163	A	3.2
4	☐	1250.000	1248.090	5009857.62	0.2966	A	1.1
5	☐	2500.000	2489.536	9864056.91	0.5915	A	0.8
6	☐	5000.000	4968.478	19813617.63	1.1805	A	1.7
7	☐	10000.000	10019.140	40852911.68	2.3806	A	0.8
8	☐			11635.49	0.0007	P	9.7

$$y = 2.3760\text{E-}004 * x + 7.0698\text{E-}006$$

$$R = 1.0000$$

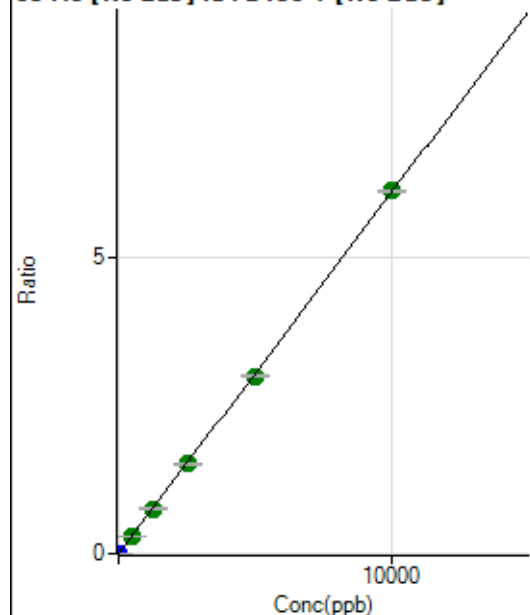
$$DL = 0.02057$$

$$BEC = 0.02975$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0000	P	23.2
2	☐	5.000	4.973	53175.35	0.0030	P	5.3
3	☐	500.000	487.094	5167573.90	0.2971	A	3.8
4	☐	1250.000	1247.782	12858691.35	0.7612	A	0.7
5	☐	2500.000	2477.071	25196451.95	1.5111	A	1.4
6	☐	5000.000	4922.208	50394404.25	3.0026	A	0.8
7	☐	10000.000	10045.551	105159264.85	6.1279	A	0.8
8	☐			29188.27	0.0017	P	11.7

$$y = 6.1001\text{E-}004 * x + 1.4163\text{E-}005$$

$$R = 1.0000$$

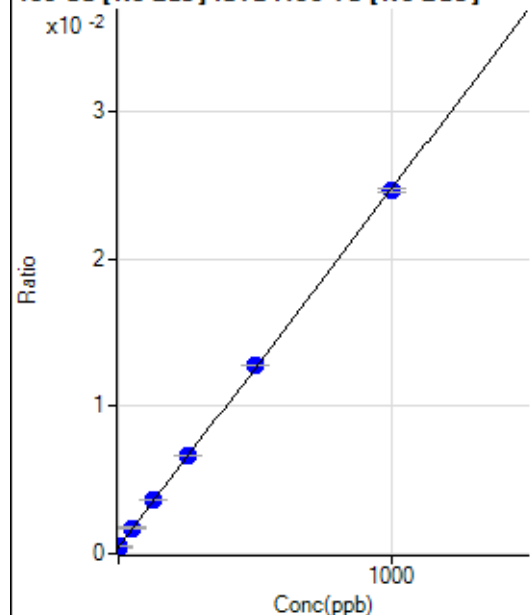
$$DL = 0.01616$$

$$BEC = 0.02322$$

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	6112.54	0.0004	P	2.2
2	☐	1.000	0.988	6551.65	0.0005	P	1.5
3	☐	50.000	53.465	24807.84	0.0017	P	2.8
4	☐	125.000	132.234	50878.81	0.0037	P	3.1
5	☐	250.000	256.976	91968.67	0.0067	P	0.7
6	☐	500.000	505.650	176464.54	0.0127	P	0.1
7	☐	1000.000	994.353	353761.62	0.0246	P	1.0
8	☐			6198.71	0.0004	P	3.4

$$y = 2.4332\text{E-}005 * x + 4.3950\text{E-}004$$

$$R = 0.9999$$

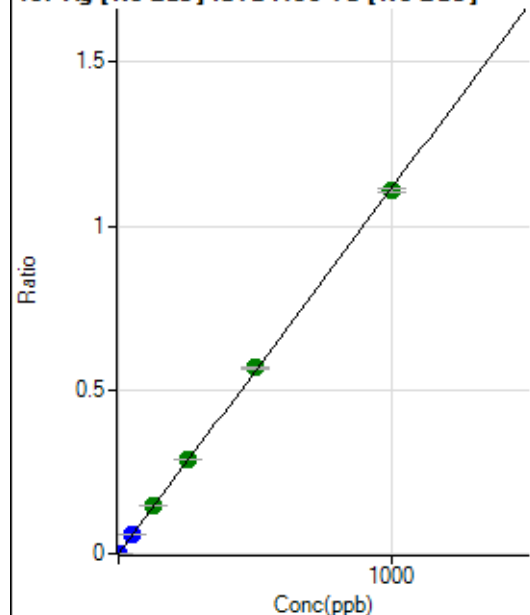
$$DL = 1.172$$

$$BEC = 18.06$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.8
2	☐	1.000	0.980	15472.56	0.0011	P	8.6
3	☐	50.000	51.084	811693.37	0.0569	P	2.6
4	☐	125.000	131.459	2038889.15	0.1465	A	0.4
5	☐	250.000	258.084	3952785.55	0.2877	A	1.8
6	☐	500.000	508.211	7844341.15	0.5665	A	0.9
7	☐	1000.000	993.012	15894915.81	1.1068	A	0.9
8	☐			4778.69	0.0003	P	0.5

$$y = 0.0011 * x + 3.7998E-006$$

$$R = 0.9999$$

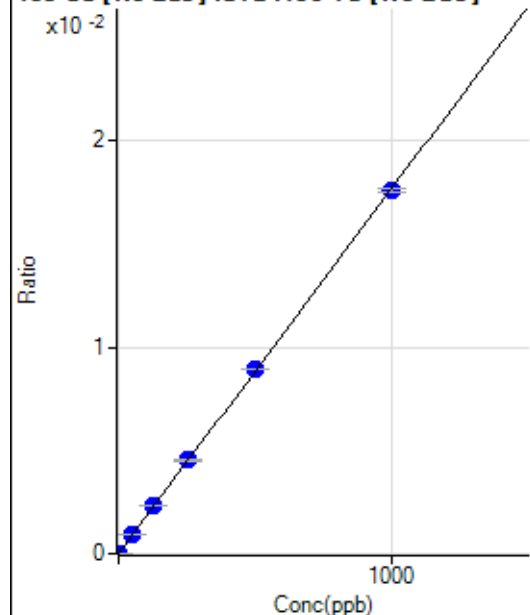
$$DL = 0.002541$$

$$BEC = 0.003409$$

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	83.33	0.0000	P	3.0
2	☐	1.000	1.036	343.06	0.0000	P	15.6
3	☐	50.000	52.233	13256.17	0.0009	P	0.8
4	☐	125.000	129.993	32074.41	0.0023	P	1.1
5	☐	250.000	256.386	62387.76	0.0045	P	1.8
6	☐	500.000	507.031	124259.16	0.0090	P	0.3
7	☐	1000.000	994.152	252580.07	0.0176	P	1.2
8	☐			197.23	0.0000	P	5.9

$$y = 1.7686E-005 * x + 5.9919E-006$$

$$R = 0.9999$$

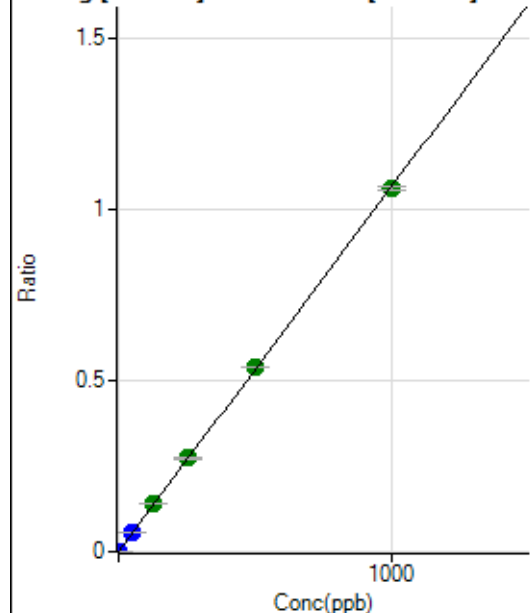
$$DL = 0.03055$$

$$BEC = 0.3388$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.8
2	☐	1.000	0.949	14296.26	0.0010	P	8.6
3	☐	50.000	51.124	776471.45	0.0545	P	2.0
4	☐	125.000	132.158	1959164.69	0.1408	A	1.4
5	☐	250.000	257.340	3767363.71	0.2742	A	2.0
6	☐	500.000	506.319	7470123.43	0.5394	A	0.6
7	☐	1000.000	994.054	15209091.14	1.0591	A	1.1
8	☐			4445.24	0.0003	P	5.0

$$y = 0.0011 * x + 1.4027E-006$$

$$R = 0.9999$$

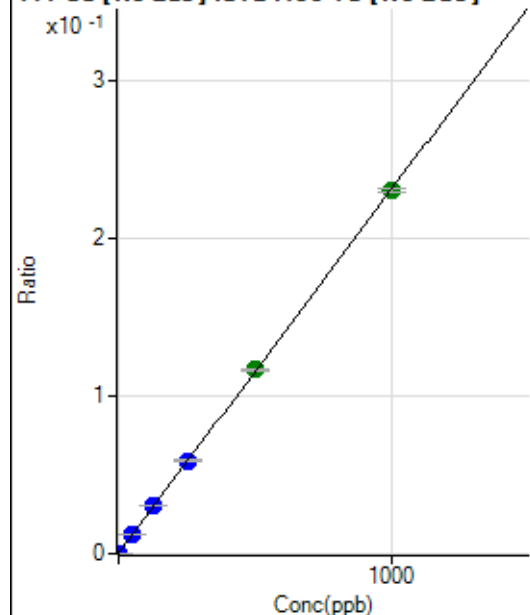
$$DL = 0.002639$$

$$BEC = 0.001317$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4267.67	0.0003	P	2.3
2	☐	1.000	1.021	7661.71	0.0005	P	0.3
3	☐	50.000	51.025	171987.25	0.0121	P	2.4
4	☐	125.000	129.747	420291.81	0.0302	P	1.1
5	☐	250.000	255.017	811715.59	0.0591	P	1.8
6	☐	500.000	504.433	1613910.02	0.1166	A	0.9
7	☐	1000.000	995.884	3300116.85	0.2298	A	1.0
8	☐			5256.65	0.0004	P	2.2

$$y = 2.3045E-004 * x + 3.0684E-004$$

$$R = 1.0000$$

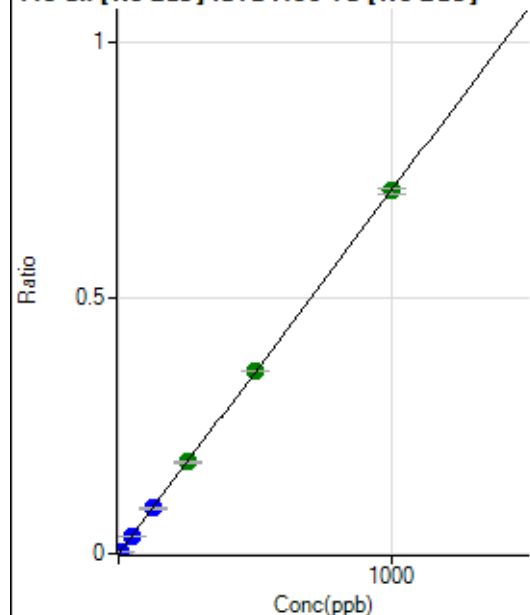
$$DL = 0.09366$$

$$BEC = 1.332$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	797.27	0.0001	P	6.7
2	☐	5.000	5.019	51250.44	0.0036	P	2.3
3	☐	50.000	49.209	499814.99	0.0351	P	2.7
4	☐	125.000	124.606	1234196.11	0.0887	P	0.8
5	☐	250.000	253.438	2478013.44	0.1803	A	2.4
6	☐	500.000	501.440	4940555.23	0.3568	A	0.3
7	☐	1000.000	998.509	10201351.62	0.7104	A	1.6
8	☐			8185.88	0.0006	P	0.6

$$y = 7.1139\text{E-}004 * x + 5.7397\text{E-}005$$

$$R = 1.0000$$

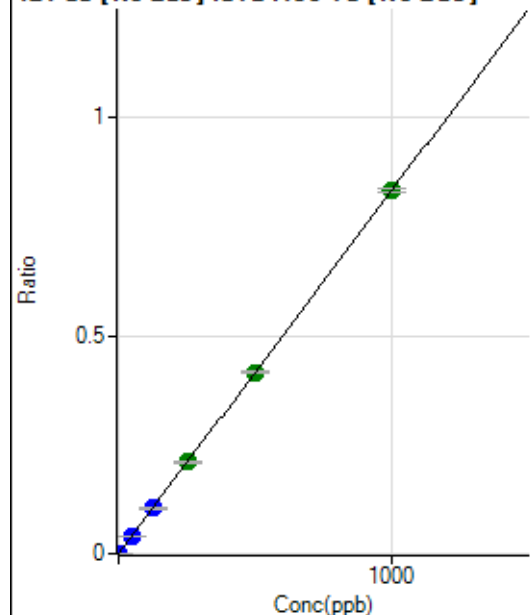
$$DL = 0.01632$$

$$BEC = 0.08068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	22.0
2	☐	2.000	1.925	22685.20	0.0016	P	5.8
3	☐	50.000	48.786	578898.12	0.0406	P	2.0
4	☐	125.000	124.617	1443300.98	0.1037	P	0.6
5	☐	250.000	252.785	2891120.77	0.2104	A	1.8
6	☐	500.000	499.138	5752807.94	0.4155	A	1.1
7	☐	1000.000	999.843	11951030.22	0.8322	A	0.9
8	☐			7421.53	0.0005	P	1.8

$$y = 8.3233\text{E-}004 * x + 4.6117\text{E-}006$$

$$R = 1.0000$$

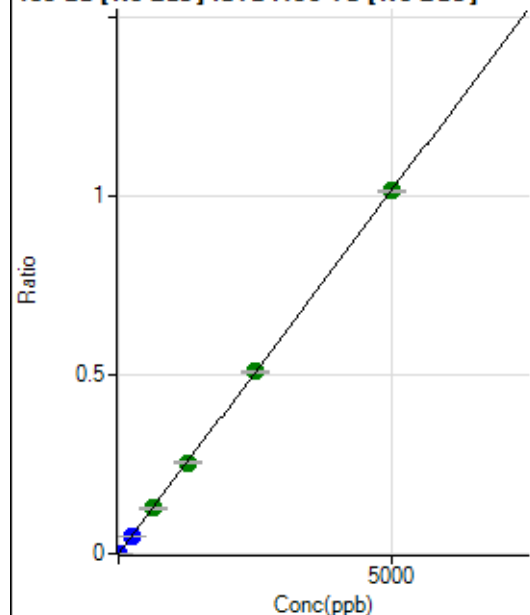
$$DL = 0.003659$$

$$BEC = 0.005541$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	31.9
2	☐	10.000	9.436	27176.67	0.0019	P	3.7
3	☐	250.000	242.183	701844.90	0.0492	P	1.6
4	☐	625.000	626.574	1772168.68	0.1274	A	1.7
5	☐	1250.000	1256.450	3509367.96	0.2554	A	1.9
6	☐	2500.000	2503.037	7045283.23	0.5088	A	1.5
7	☐	5000.000	4997.064	14587157.44	1.0158	A	0.8
8	☐			6979.68	0.0005	P	2.5

$$y = 2.0327E-004 * x + 6.0229E-006$$

$$R = 1.0000$$

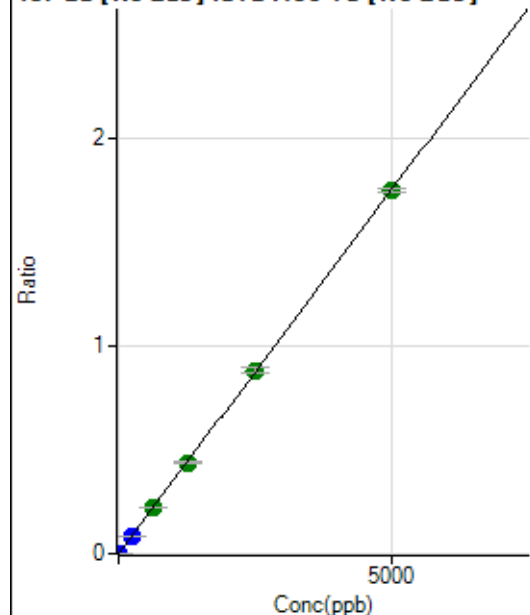
$$DL = 0.02834$$

$$BEC = 0.02963$$

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	119.45	0.0000	P	31.3
2	☐	10.000	9.451	46869.67	0.0033	P	4.5
3	☐	250.000	243.354	1215110.98	0.0852	P	1.1
4	☐	625.000	629.199	3066155.95	0.2204	A	1.9
5	☐	1250.000	1252.996	6029860.51	0.4388	A	1.8
6	☐	2500.000	2523.676	12238082.48	0.8839	A	2.2
7	☐	5000.000	4987.222	25083264.10	1.7467	A	0.9
8	☐			12497.47	0.0009	P	4.1

$$y = 3.5023E-004 * x + 8.5699E-006$$

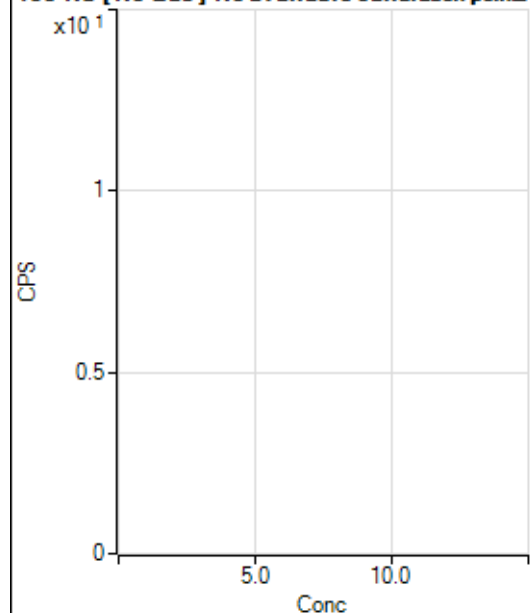
$$R = 1.0000$$

$$DL = 0.02299$$

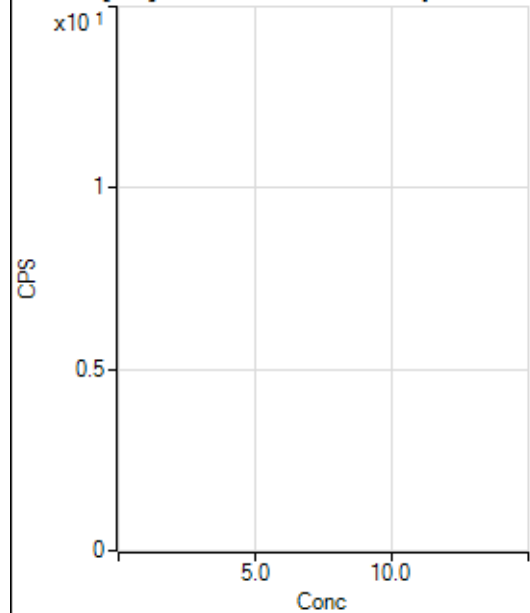
$$BEC = 0.02447$$

Weight: <None>

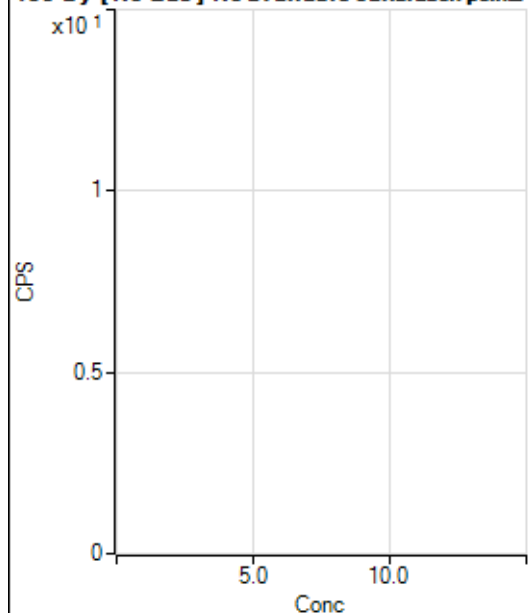
Min Conc: 0

150 Nd [No Gas] No available calibration points

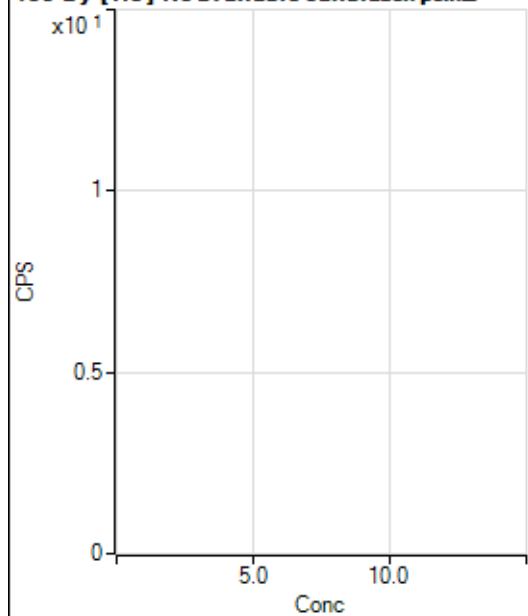
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			53.34		P	57.3
4	☐			137.78		P	14.8
5	☐			191.12		P	28.4
6	☐			460.02		P	11.6
7	☐			908.94		P	19.8
8	☐			120.00		P	14.7

150 Nd [He] No available calibration points

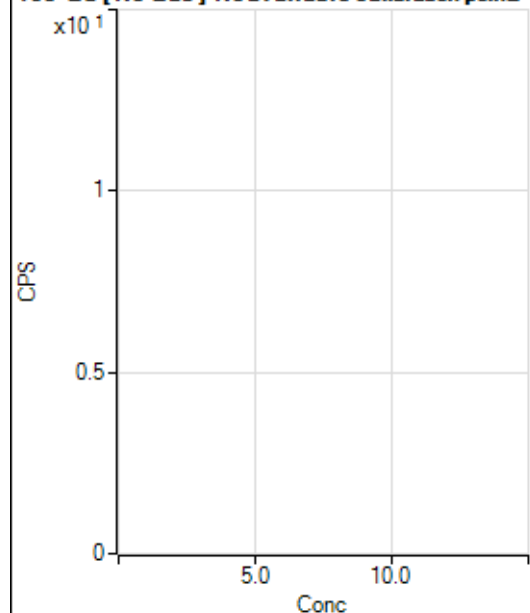
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			6.67		P	50.0
4	☐			31.11		P	43.3
5	☐			41.11		P	32.8
6	☐			98.89		P	9.7
7	☐			207.78		P	18.6
8	☐			78.89		P	26.8

156 Dy [No Gas] No available calibration points

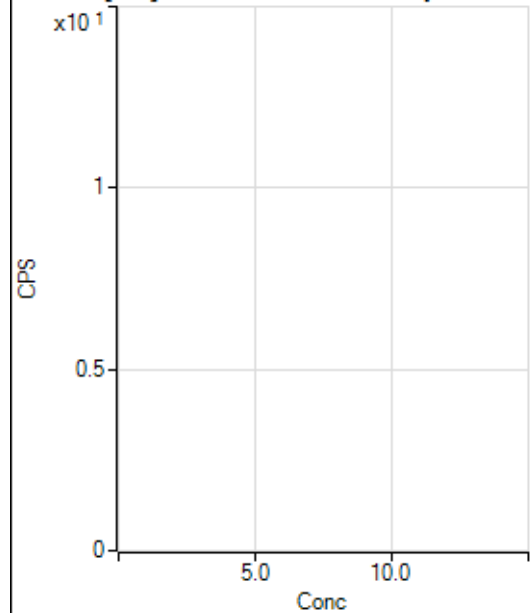
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	75.8
2	☐			19.44		P	65.5
3	☐			66.67		P	54.5
4	☐			91.67		P	32.8
5	☐			186.12		P	25.8
6	☐			283.34		P	16.4
7	☐			686.15		P	3.1
8	☐			1352.88		P	5.9

156 Dy [He] No available calibration points

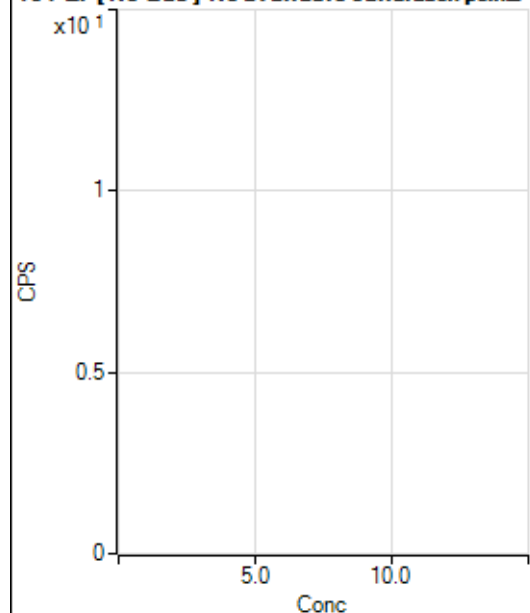
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	26.7
2	☐			12.22		P	31.5
3	☐			44.44		P	31.2
4	☐			70.00		P	25.2
5	☐			160.00		P	16.5
6	☐			307.78		P	7.2
7	☐			603.35		P	7.1
8	☐			786.70		P	4.9

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

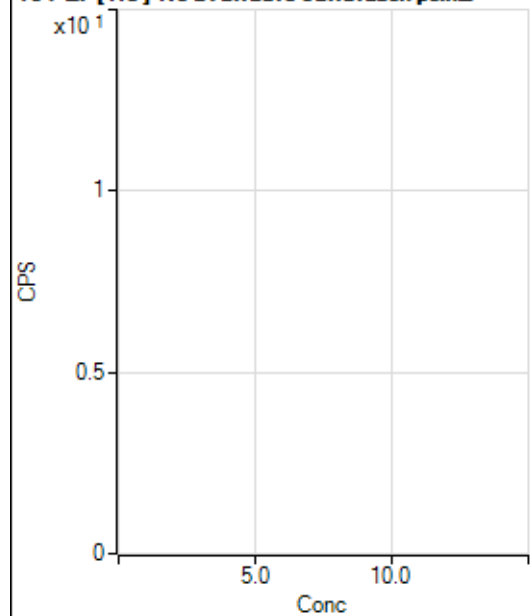
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	16.4
2	☐			80.56		P	31.6
3	☐			116.67		P	32.7
4	☐			175.00		P	21.8
5	☐			202.79		P	10.3
6	☐			319.46		P	14.4
7	☐			636.14		P	20.1
8	☐			1013.96		P	10.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244.45		P	4.2
2	☐			245.56		P	6.4
3	☐			300.01		P	9.5
4	☐			302.23		P	3.9
5	☐			282.23		P	11.5
6	☐			468.90		P	12.1
7	☐			590.02		P	6.4
8	☐			914.48		P	8.8

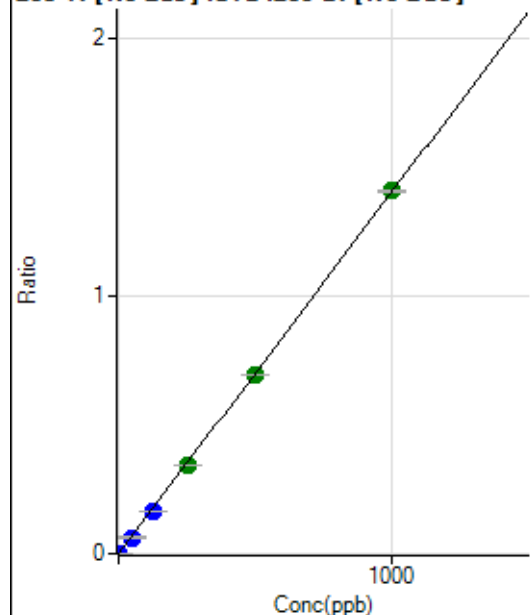
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	55.0
2	☐			80.56		P	74.8
3	☐			86.11		P	40.3
4	☐			119.45		P	26.4
5	☐			136.12		P	15.4
6	☐			152.78		P	11.4
7	☐			258.34		P	39.6
8	☐			136.12		P	3.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	43.6
2	☐			47.78		P	14.5
3	☐			63.33		P	22.9
4	☐			82.22		P	18.7
5	☐			92.22		P	5.5
6	☐			114.45		P	16.0
7	☐			184.45		P	24.1
8	☐			128.89		P	11.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1025.07	0.0001	P	8.1
2	☐	1.000	0.879	12411.50	0.0013	P	2.1
3	☐	50.000	45.145	594491.39	0.0635	P	2.4
4	☐	125.000	117.143	1496744.89	0.1645	P	1.6
5	☐	250.000	245.111	3091184.40	0.3441	A	1.6
6	☐	500.000	495.418	6177597.45	0.6954	A	0.9
7	☐	1000.000	1004.738	12583443.25	1.4102	A	0.7
8	☐			5139.99	0.0006	P	11.7

$$y = 0.0014 * x + 1.1300E-004$$

$$R = 1.0000$$

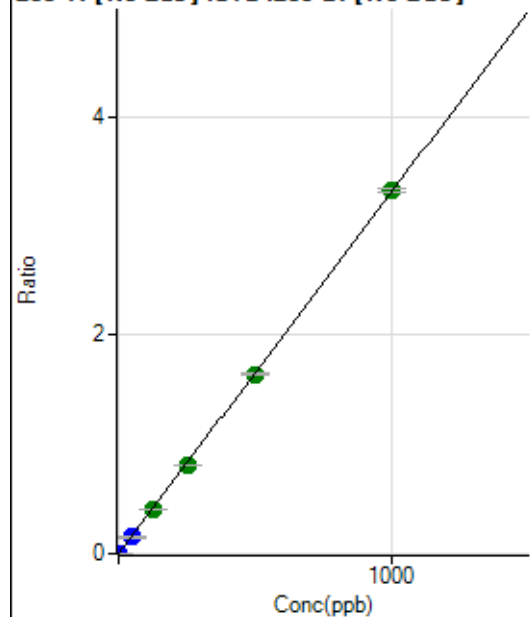
$$DL = 0.01965$$

$$BEC = 0.08051$$

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	2497.51	0.0003	P	1.6
2	☐	1.000	0.895	29861.09	0.0032	P	3.3
3	☐	50.000	45.214	1404160.48	0.1499	P	3.5
4	☐	125.000	124.146	3741117.97	0.4112	A	0.3
5	☐	250.000	245.471	7301685.23	0.8128	A	1.1
6	☐	500.000	496.192	14593560.92	1.6427	A	0.9
7	☐	1000.000	1003.383	29637865.59	3.3215	A	0.9
8	☐			12325.38	0.0015	P	10.1

$$y = 0.0033 * x + 2.7573E-004$$

$$R = 1.0000$$

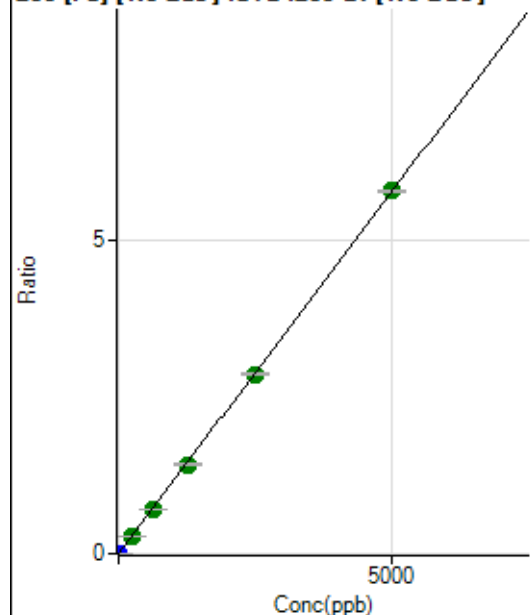
$$DL = 0.004099$$

$$BEC = 0.0833$$

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	487.05	0.0001	P	12.2
2	☐	1.000	0.908	10170.64	0.0011	P	1.5
3	☐	250.000	237.218	2568729.54	0.2743	A	2.6
4	☐	625.000	615.301	6471377.05	0.7113	A	0.5
5	☐	1250.000	1228.147	12752804.92	1.4197	A	1.9
6	☐	2500.000	2480.936	25477279.97	2.8679	A	0.6
7	☐	5000.000	5016.847	51746238.66	5.7992	A	0.5
8	☐			12596.78	0.0016	P	7.4

$$y = 0.0012 * x + 5.3793E-005$$

$$R = 1.0000$$

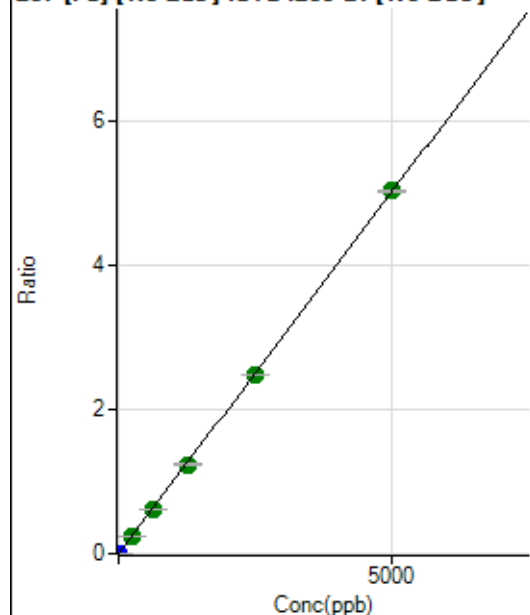
$$DL = 0.01703$$

$$BEC = 0.04654$$

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	401.87	0.0000	P	20.8
2	☐	1.000	0.889	8610.26	0.0009	P	1.8
3	☐	250.000	240.139	2251853.07	0.2404	A	2.4
4	☐	625.000	615.030	5601556.09	0.6157	A	0.4
5	☐	1250.000	1226.343	11027052.91	1.2276	A	2.2
6	☐	2500.000	2474.704	22007564.84	2.4773	A	0.3
7	☐	5000.000	5020.302	44841838.50	5.0254	A	0.4
8	☐			10139.18	0.0013	P	9.5

$$y = 0.0010 * x + 4.4499E-005$$

$$R = 1.0000$$

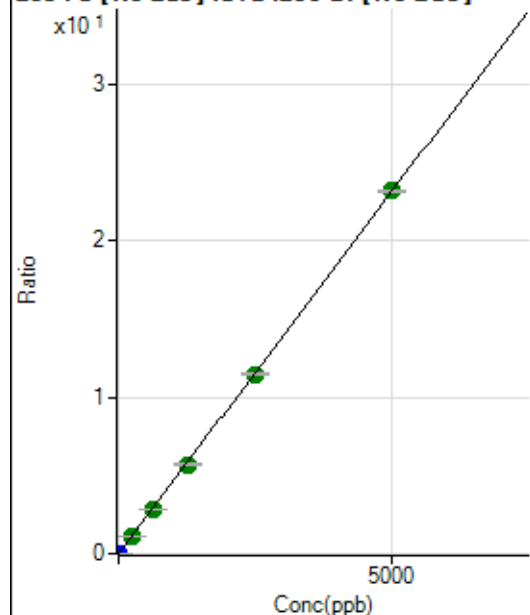
$$DL = 0.02779$$

$$BEC = 0.04445$$

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	2011.21	0.0002	P	9.8
2	☐	1.000	0.889	39966.26	0.0043	P	1.2
3	☐	250.000	239.373	10371676.26	1.1073	A	2.1
4	☐	625.000	618.165	26013239.24	2.8593	A	0.2
5	☐	1250.000	1227.281	50988533.43	5.6764	A	2.1
6	☐	2500.000	2482.157	101986096.49	11.4803	A	0.6
7	☐	5000.000	5015.987	207009035.18	23.1993	A	0.2
8	☐			48520.13	0.0061	P	8.2

$$y = 0.0046 * x + 2.2215E-004$$

$$R = 1.0000$$

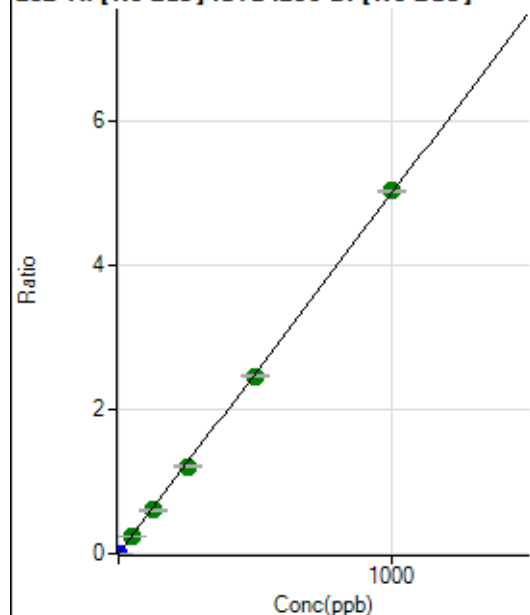
$$DL = 0.01418$$

$$BEC = 0.04803$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.71	0.0000	P	19.2
2	☐	1.000	0.789	36458.29	0.0040	P	2.5
3	☐	50.000	45.859	2147469.75	0.2293	A	1.8
4	☐	125.000	120.168	5465461.41	0.6007	A	1.1
5	☐	250.000	241.468	10843831.26	1.2071	A	1.4
6	☐	500.000	492.113	21853828.04	2.4601	A	1.3
7	☐	1000.000	1006.888	44916281.10	5.0336	A	0.6
8	☐			3965.53	0.0005	P	23.5

$$y = 0.0050 * x + 1.1412E-005$$

$$R = 0.9999$$

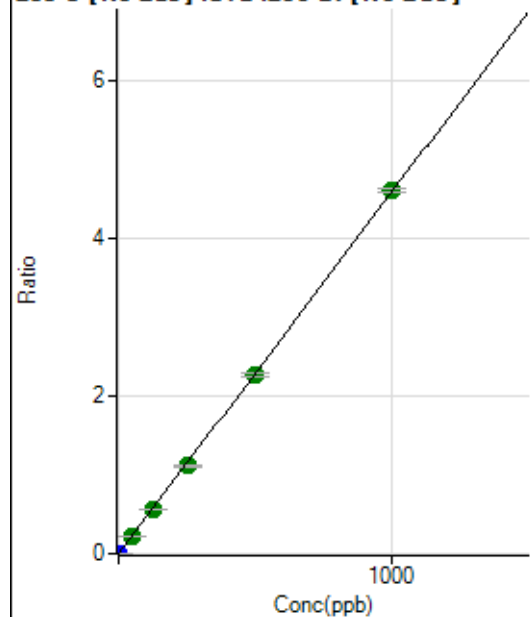
$$DL = 0.001315$$

$$BEC = 0.002283$$

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	97.23	0.0000	P	13.6
2	☐	1.000	0.816	34555.42	0.0037	P	1.7
3	☐	50.000	46.430	1992932.37	0.2128	A	4.0
4	☐	125.000	121.253	5056273.29	0.5558	A	0.5
5	☐	250.000	242.307	9976949.10	1.1106	A	1.1
6	☐	500.000	496.128	20198481.36	2.2740	A	2.1
7	☐	1000.000	1004.506	41083616.55	4.6041	A	1.0
8	☐			3964.65	0.0005	P	25.2

$$y = 0.0046 * x + 1.0737E-005$$

$$R = 1.0000$$

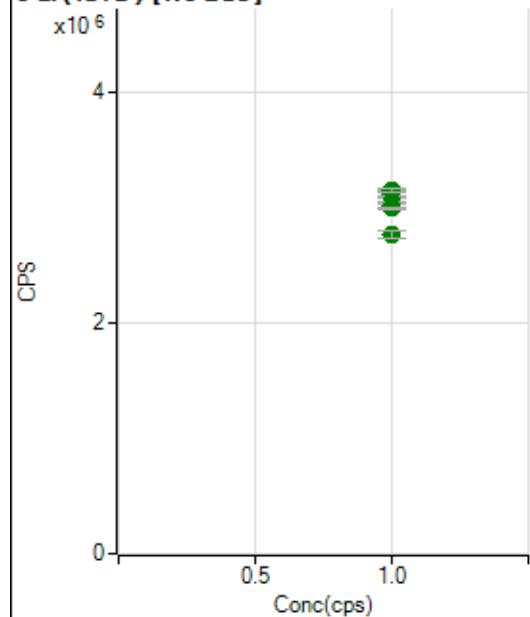
$$DL = 0.0009573$$

$$BEC = 0.002343$$

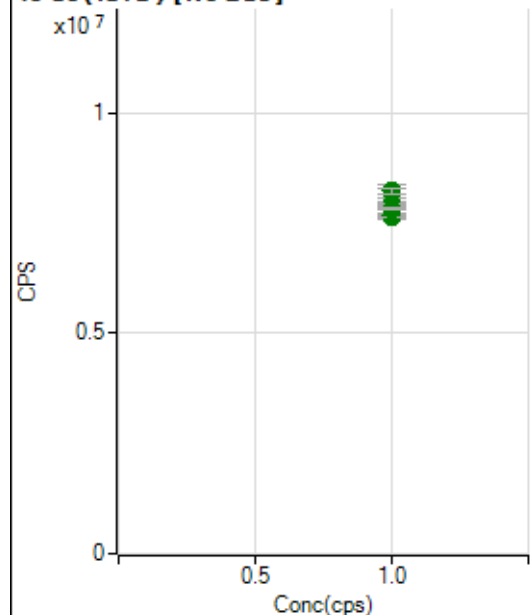
Weight: <None>

Min Conc: 0

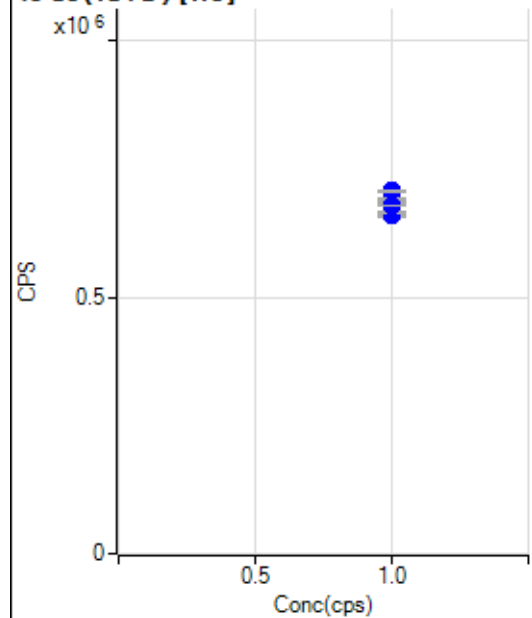
6 Li (ISTD) [No Gas]



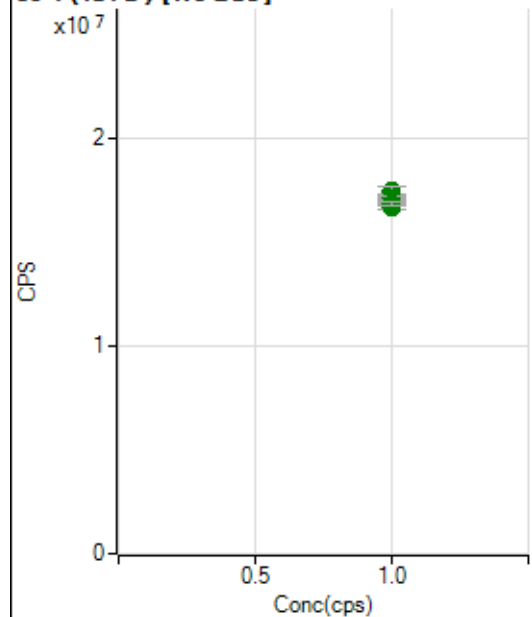
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3036758.25		A	2.7
2	☐	1.000		3092938.95		A	3.5
3	☐	1.000		3140212.66		A	0.8
4	☐	1.000		3112241.97		A	1.1
5	☐	1.000		3142844.75		A	1.0
6	☐	1.000		3015376.73		A	1.7
7	☐	1.000		2990652.39		A	0.6
8	☐	1.000		2772997.49		A	2.4

45 Sc (ISTD) [No Gas]

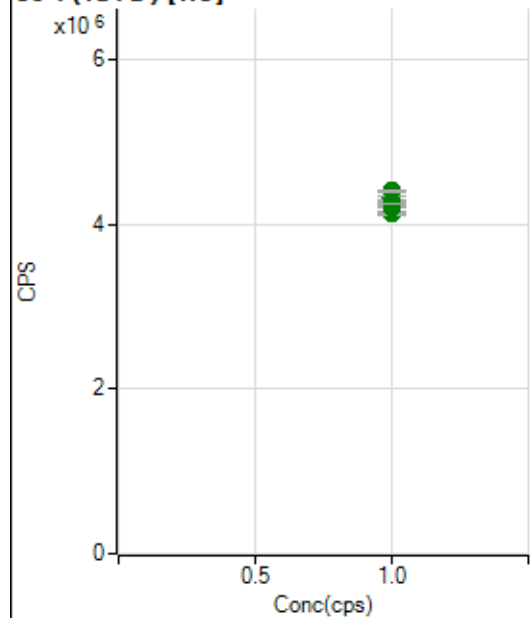
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8083503.98		A	2.0
2	☐	1.000		8232570.99		A	3.4
3	☐	1.000		8234402.03		A	1.6
4	☐	1.000		7834241.62		A	1.0
5	☐	1.000		7648322.66		A	0.9
6	☐	1.000		7686515.37		A	0.7
7	☐	1.000		7927000.37		A	0.3
8	☐	1.000		7825870.65		A	0.3

45 Sc (ISTD) [He]

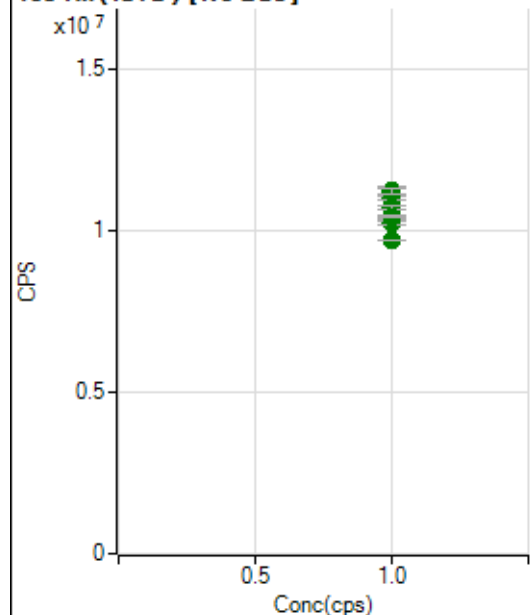
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		682337.45		P	0.8
2	☐	1.000		691710.57		P	0.5
3	☐	1.000		680124.85		P	0.5
4	☐	1.000		666049.22		P	0.6
5	☐	1.000		659221.71		P	0.4
6	☐	1.000		665166.85		P	0.4
7	☐	1.000		678506.79		P	0.2
8	☐	1.000		707743.03		P	0.5

89 Y (ISTD) [No Gas]

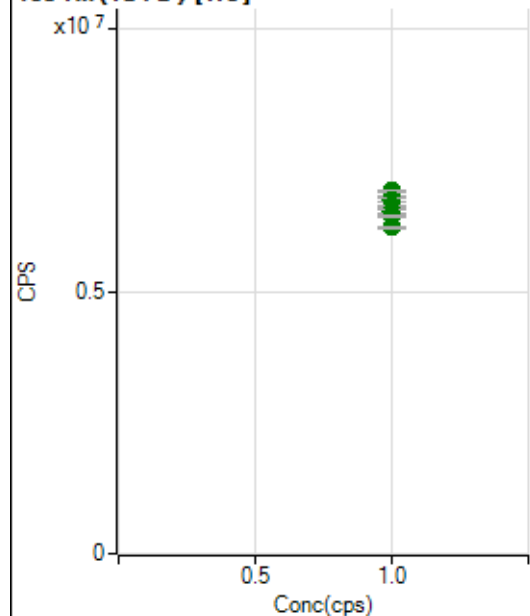
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		17262502.94		A	1.0
2	☐	1.000		17465147.38		A	2.7
3	☐	1.000		17402325.02		A	2.7
4	☐	1.000		16893126.55		A	0.2
5	☐	1.000		16676250.45		A	1.0
6	☐	1.000		16783636.83		A	0.4
7	☐	1.000		17161163.91		A	1.0
8	☐	1.000		16818121.00		A	1.1

89 Y (ISTD) [He]

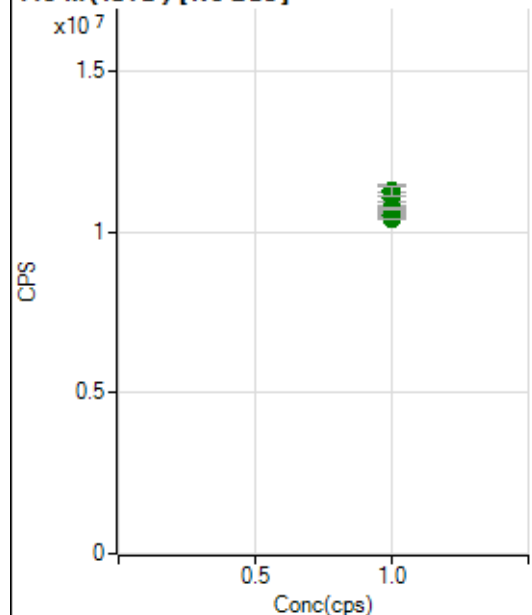
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4270406.71		A	0.9
2	☐	1.000		4321241.70		A	0.8
3	☐	1.000		4245470.04		A	1.1
4	☐	1.000		4148424.21		A	0.7
5	☐	1.000		4125476.39		A	0.7
6	☐	1.000		4216620.98		A	0.6
7	☐	1.000		4249627.06		A	0.2
8	☐	1.000		4409299.65		A	0.2

103 Rh (ISTD) [No Gas]

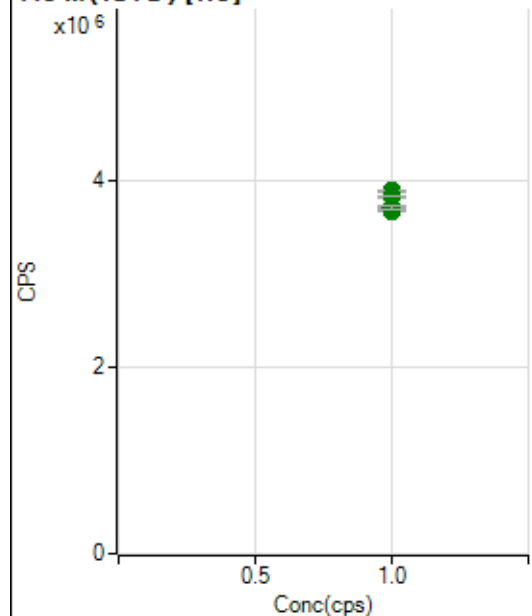
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11034594.28		A	1.6
2	☐	1.000		11239847.20		A	2.3
3	☐	1.000		11215138.17		A	1.3
4	☐	1.000		10733153.59		A	0.8
5	☐	1.000		10388558.11		A	0.8
6	☐	1.000		10241987.00		A	1.0
7	☐	1.000		10439695.75		A	0.8
8	☐	1.000		9698969.37		A	0.4

103 Rh (ISTD) [He]

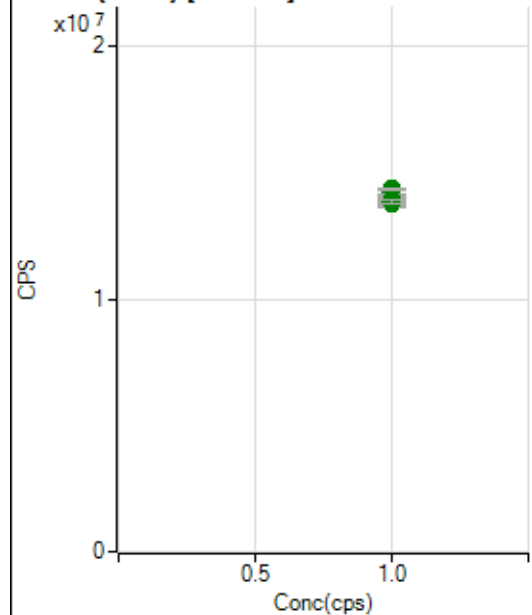
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6812752.54		A	0.5
2	☐	1.000		6921572.61		A	0.3
3	☐	1.000		6753894.97		A	0.8
4	☐	1.000		6630986.43		A	0.7
5	☐	1.000		6490141.08		A	0.3
6	☐	1.000		6530067.68		A	1.0
7	☐	1.000		6448015.60		A	0.7
8	☐	1.000		6222287.41		A	1.0

115 In (ISTD) [No Gas]

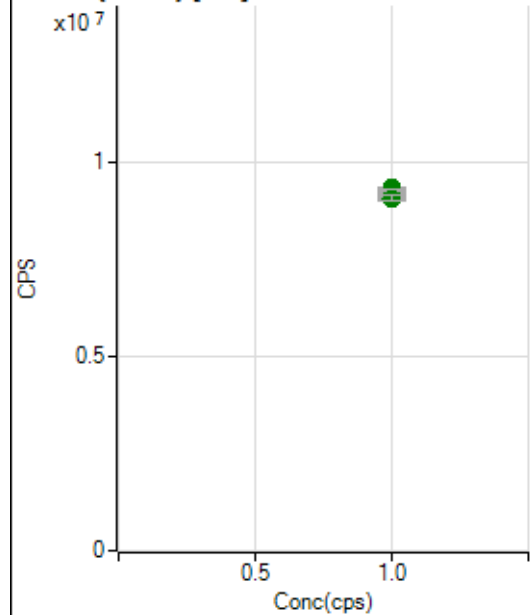
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11072948.18		A	2.8
2	☐	1.000		11282805.95		A	3.2
3	☐	1.000		11258882.15		A	2.4
4	☐	1.000		10788817.90		A	0.8
5	☐	1.000		10586704.91		A	0.6
6	☐	1.000		10525310.86		A	1.3
7	☐	1.000		10726962.66		A	0.8
8	☐	1.000		10399504.55		A	0.4

115 In (ISTD) [He]

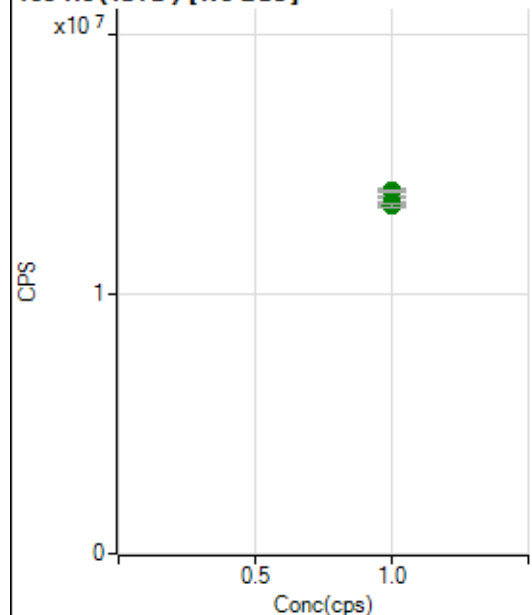
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3822755.44		A	0.7
2	☐	1.000		3884051.59		A	0.4
3	☐	1.000		3831621.11		A	0.4
4	☐	1.000		3710770.47		A	1.2
5	☐	1.000		3687196.31		A	1.3
6	☐	1.000		3682778.52		A	0.1
7	☐	1.000		3668606.30		A	0.2
8	☐	1.000		3703410.31		A	1.5

159 Tb (ISTD) [No Gas]

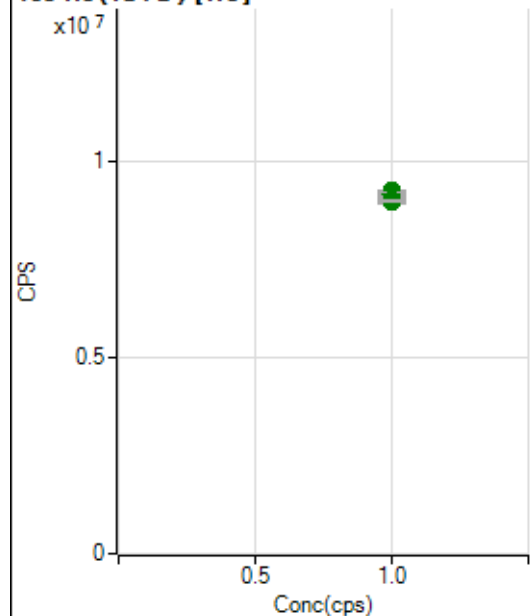
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13903110.07		A	2.5
2	☐	1.000		14131094.09		A	2.0
3	☐	1.000		14256656.18		A	1.0
4	☐	1.000		13914620.76		A	0.7
5	☐	1.000		13743267.99		A	1.7
6	☐	1.000		13848068.54		A	1.0
7	☐	1.000		14361031.31		A	0.5
8	☐	1.000		13856336.46		A	1.4

159 Tb (ISTD) [He]

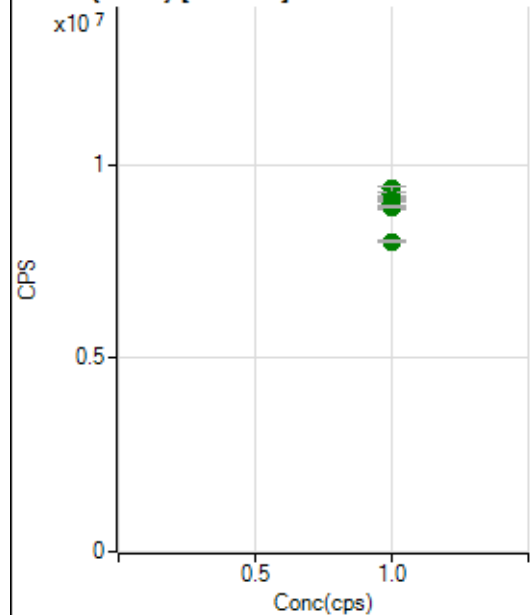
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9138502.92		A	1.2
2	☐	1.000		9196636.53		A	0.4
3	☐	1.000		9154394.45		A	1.5
4	☐	1.000		9087360.63		A	0.6
5	☐	1.000		9154394.59		A	0.3
6	☐	1.000		9350764.30		A	0.8
7	☐	1.000		9286040.07		A	0.3
8	☐	1.000		9088524.79		A	1.9

165 Ho (ISTD) [No Gas]

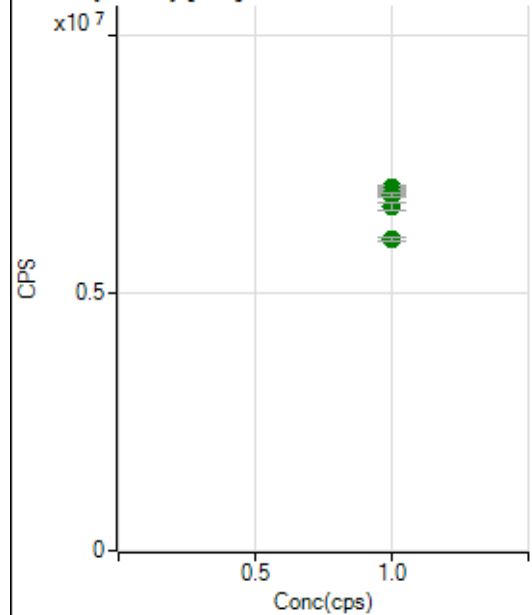
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13538078.83		A	2.8
2	☐	1.000		13556232.85		A	3.0
3	☐	1.000		13904818.96		A	1.9
4	☐	1.000		13517852.57		A	0.7
5	☐	1.000		13461648.55		A	0.7
6	☐	1.000		13435456.05		A	0.9
7	☐	1.000		13967904.79		A	0.7
8	☐	1.000		13403474.80		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8995569.10		A	1.1
2	☐	1.000		9082159.38		A	1.1
3	☐	1.000		9117553.27		A	0.8
4	☐	1.000		9051436.39		A	0.7
5	☐	1.000		9115589.73		A	1.4
6	☐	1.000		9252614.58		A	0.9
7	☐	1.000		9178580.21		A	0.9
8	☐	1.000		9000951.11		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9060073.96		A	2.4
2	☐	1.000		9220097.43		A	1.8
3	☐	1.000		9368417.57		A	1.6
4	☐	1.000		9097944.80		A	0.2
5	☐	1.000		8984332.09		A	1.5
6	☐	1.000		8884108.55		A	1.3
7	☐	1.000		8923124.10		A	0.6
8	☐	1.000		8013771.41		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6948460.66		A	0.1
2	☐	1.000		7050453.44		A	0.8
3	☐	1.000		7037119.83		A	1.4
4	☐	1.000		6997923.85		A	0.5
5	☐	1.000		6929403.86		A	0.7
6	☐	1.000		6905532.54		A	1.1
7	☐	1.000		6689524.69		A	1.7
8	☐	1.000		6052996.58		A	1.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7041922 MS.b
Acq. Date-Time 2022-04-19 15:05:06
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		9992	99917.87			0.633	5.000
24		106165	1061651.93			0.907	5.000
25		13881	138807.93			0.322	5.000
26		16035	160351.67			0.807	5.000
59		28830	288300.24			0.584	5.000
113		13233	132328.39			0.788	5.000
115		40722	407216.81			2.994	5.000
206		17046	170455.61			0.313	5.000
207		14585	145851.13			0.452	5.000
208		35351	353507.01			0.867	5.000
220		0	2.60			8.600	

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

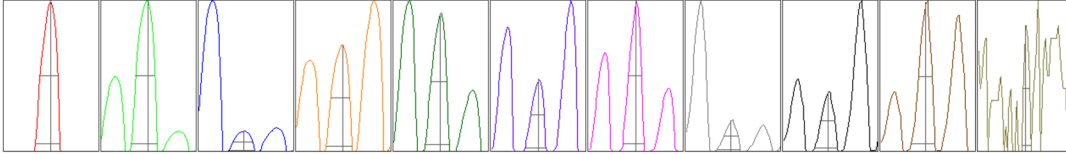
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9946	9941	10009	10094	9969
24	105059	107054	106723	105179	106810
25	13813	13867	13913	13884	13927
26	15814	16033	16080	16130	16119
59	28575	28893	28914	28759	29010
113	13287	13365	13252	13156	13104
115	41777	41600	41356	39862	39013
206	17053	17059	16956	17099	17061
207	14539	14545	14698	14587	14556
208	35156	35482	35668	35530	34917

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	18990.64	9.00	8.90 - 9.10	
24	183643.76	24.00	23.90 - 24.10	
25	23827.28	24.95	24.90 - 25.10	
26	27743.42	26.00	25.90 - 26.10	
59	59461.93	59.00	58.90 - 59.10	
113	31236.25	113.05	112.90 - 113.10	
115	99644.52	115.05	114.90 - 115.10	
206	38215.77	205.95	205.90 - 206.10	
207	32434.30	206.95	206.90 - 207.10	
208	81377.33	207.95	207.90 - 208.10	
220	0.50	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.772	0.900	
24	0.61	0.816	0.900	
25	0.61	0.787	0.900	
26	0.61	0.819	0.900	
59	0.50	0.760	0.900	
113	0.43	0.651	0.900	
115	0.42	0.678	0.900	
206	0.45	0.732	0.900	
207	0.45	0.732	0.900	
208	0.43	0.756	0.900	
220	0.22	0.292		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	14.4 V
Extract 2	-155.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0001	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.8 mm	Torch V	0.9 mm

EM

Discriminator	3.1 mV	Analog HV	2167 V	Pulse HV	1420 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10379	103785.29			0.325	
89		49322	493221.24			0.712	
205		54235	542352.20			0.404	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10415	10406	10383	10335	10354
89	49474	49771	49077	48874	49414
205	54185	54533	53932	54324	54202

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.73 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.2 V	Deflect	3.4 V

US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	1.0001	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	-0.8 mm	Torch V	0.9 mm		
EM					
Discriminator	3.1 mV	Analog HV	2167 V	Pulse HV	1420 V

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.09	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.12	-0.02	-0.09	0.00	N/A	ppb
Boron	11-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.43	-0.34	-0.09	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-1.15	1.91	-0.76	0.00	N/A	ppb
Calcium	44-1	-0.91	-0.51	1.42	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	0.05	-0.10	0.00	N/A	ppb
Iron	57-2	0.37	-0.37	0.00	0.00	N/A	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.33	-0.12	-0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.16	-0.06	-0.10	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-9.96	-6.45	-14.16	-10.19		ppb
Potassium	39-2	1.56	-0.84	-0.72	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.46	-0.19	-0.27	0.00	N/A	ppb
Selenium	77-2	-0.05	0.10	-0.05	0.00	N/A	ppb
Selenium	78-2	-0.77	0.79	-0.03	0.00	N/A	ppb
Silicon	28-1	-0.22	0.14	0.08	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.48	0.64	-0.16	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-168.60	44.23	-32.38	-52.25		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

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	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
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.01	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:42:41	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	20.03	19.88	20.16	1.75	ppb
Antimony	121-1	1.81	1.93	2.03	1.92	5.78	ppb
Arsenic	75-2	1.11	1.08	1.08	1.09	1.20	ppb
Barium	135-1	9.04	9.66	9.61	9.44	3.67	ppb
Barium	137-1	9.05	9.40	9.90	9.45	4.56	ppb
Beryllium	9-1	1.03	1.03	1.08	1.05	2.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	14.13	16.20	17.77	16.03	11.39	ppb
Boron	11-1	13.85	16.20	16.05	15.37	8.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.01	1.02	1.03	1.02	0.64	ppb
Cadmium	106-1	1.30	0.75	0.91	0.99	28.41	ppb
Cadmium	108-1	0.80	1.22	1.08	1.04	20.73	ppb
Calcium	43-1	465.87	491.87	508.66	488.80	4.41	ppb
Calcium	44-1	461.70	507.07	506.96	491.91	5.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.91	2.01	1.95	2.67	ppb
Cobalt	59-2	1.01	1.01	1.01	1.01	0.12	ppb
Copper	63-2	2.07	2.05	1.99	2.04	2.24	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				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	51.45	51.42	52.50	51.79	1.19	ppb
Iron	57-2	52.78	52.39	53.81	52.99	1.39	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:42:41	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.98	51.07	55.33	52.79	4.26	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.92	0.92	0.91	1.55	ppb
Lead	207-1	0.88	0.91	0.88	0.89	1.86	ppb
Lead	208-1	0.88	0.90	0.89	0.89	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	491.94	488.62	501.44	494.00	1.35	ppb
Manganese	55-2	1.01	1.04	1.00	1.01	2.17	ppb
Molybdenum	94-1	5.34	5.72	5.63	5.56	3.52	ppb
Molybdenum	95-1	4.71	5.08	4.97	4.92	3.89	ppb
Molybdenum	96-1	4.63	5.07	5.04	4.92	4.99	ppb
Molybdenum	97-1	4.61	4.98	5.09	4.89	5.17	ppb
Molybdenum	98-1	4.67	5.15	5.10	4.97	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.99	1.02	1.01	1.57	ppb
Phosphorus	31-2	14.50	14.94	1.13	10.19	77.01	ppb
Potassium	39-2	506.36	500.98	510.34	505.89	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.85	4.38	4.34	4.86	17.67	ppb
Selenium	77-2	6.46	6.39	5.71	6.19	6.75	ppb
Selenium	78-2	4.89	4.95	5.21	5.02	3.38	ppb
Silicon	28-1	1.01	1.76	1.84	1.54	29.77	ppb
Silver	107-1	0.88	1.03	1.03	0.98	8.67	ppb
Silver	109-1	0.86	0.97	1.02	0.95	8.59	ppb
Sodium	23-2	480.19	473.30	485.69	479.73	1.29	ppb
Strontium	86-1	0.83	0.92	0.85	0.87	5.51	ppb
Strontium	88-1	0.91	0.97	0.97	0.95	3.79	ppb
Sulfur	34-1	-220.46	214.75	162.46	52.25	454.78	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.90	0.86	0.88	2.24	ppb
Thallium	205-1	0.86	0.92	0.91	0.90	3.59	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:42:41	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.77	0.81	0.78	0.79	2.49	ppb
Tin	118-1	4.89	5.04	5.12	5.02	2.32	ppb
Titanium	47-1	4.55	4.88	5.00	4.81	4.83	ppb
Uranium	238-1	0.80	0.83	0.82	0.82	1.70	ppb
Vanadium	51-2	4.86	4.90	4.90	4.89	0.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.11	2.33	2.22	2.22	4.83	ppb
Zirconium	90-1	0.89	0.93	0.95	0.92	3.44	ppb
Zirconium	91-1	0.90	0.98	1.00	0.96	5.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1026.47	1047.31	1027.70	1033.83	1.13	ppb
Antimony	121-1	48.00	48.50	49.86	48.79	1.97	ppb
Arsenic	75-2	50.15	51.21	51.37	50.91	1.31	ppb
Barium	135-1	240.27	239.59	246.69	242.18	1.62	ppb
Barium	137-1	241.72	241.84	246.50	243.35	1.12	ppb
Beryllium	9-1	49.20	48.76	49.20	49.05	0.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	52.38	53.40	54.06	53.28	1.59	ppb
Boron	11-1	51.47	52.89	54.40	52.92	2.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	49.82	50.93	52.32	51.03	2.45	ppb
Cadmium	106-1	52.17	52.45	55.78	53.47	3.76	ppb
Cadmium	108-1	52.49	52.47	51.74	52.23	0.81	ppb
Calcium	43-1	4976.78	5201.11	5255.18	5144.36	2.87	ppb
Calcium	44-1	4747.20	4901.71	4993.58	4880.83	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.23	50.83	51.42	50.83	1.16	ppb
Cobalt	59-2	51.11	51.03	51.45	51.20	0.43	ppb
Copper	63-2	530.83	533.26	538.30	534.13	0.71	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2633.75	2689.52	2617.51	2646.93	1.43	ppb
Iron	57-2	2650.80	2652.59	2669.65	2657.68	0.39	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2696.44	2733.46	2713.50	2714.47	0.68	ppb
Krypton	83-1						cps
Lead	206-1	230.07	240.74	240.85	237.22	2.61	ppb
Lead	207-1	233.70	241.86	244.85	240.14	2.40	ppb
Lead	208-1	233.52	242.17	242.42	239.37	2.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	5222.76	5230.73	5322.26	5258.58	1.05	ppb
Manganese	55-2	517.57	516.66	513.89	516.04	0.37	ppb
Molybdenum	94-1	474.47	502.48	500.04	492.33	3.15	ppb
Molybdenum	95-1	468.01	494.77	499.74	487.50	3.50	ppb
Molybdenum	96-1	465.45	499.19	503.43	489.36	4.25	ppb
Molybdenum	97-1	471.23	498.93	498.39	489.52	3.24	ppb
Molybdenum	98-1	465.67	496.14	499.47	487.09	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.82	51.50	51.92	51.75	0.42	ppb
Phosphorus	31-2	1008.35	1006.74	1008.27	1007.79	0.09	ppb
Potassium	39-2	2576.41	2554.28	2559.50	2563.40	0.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	49.47	51.92	51.17	50.85	2.47	ppb
Selenium	77-2	50.35	55.88	50.40	52.21	6.09	ppb
Selenium	78-2	52.71	51.24	53.32	52.42	2.04	ppb
Silicon	28-1	56.67	60.15	60.55	59.12	3.61	ppb
Silver	107-1	49.73	51.13	52.39	51.08	2.61	ppb
Silver	109-1	50.03	51.23	52.11	51.12	2.04	ppb
Sodium	23-2	5166.40	5124.19	5128.46	5139.68	0.45	ppb
Strontium	86-1	46.31	48.59	48.89	47.93	2.94	ppb
Strontium	88-1	48.69	49.67	50.22	49.53	1.57	ppb
Sulfur	34-1	864.35	1028.80	1006.05	966.40	9.22	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	44.04	45.22	46.18	45.15	2.37	ppb
Thallium	205-1	43.51	45.45	46.68	45.21	3.54	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	44.95	46.04	46.59	45.86	1.82	ppb
Tin	118-1	47.93	49.15	50.55	49.21	2.66	ppb
Titanium	47-1	463.93	486.65	490.13	480.24	2.96	ppb
Uranium	238-1	44.36	46.92	48.01	46.43	4.03	ppb
Vanadium	51-2	49.84	49.74	50.33	49.97	0.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	510.43	517.08	524.87	517.46	1.40	ppb
Zirconium	90-1	45.88	48.71	48.94	47.84	3.56	ppb
Zirconium	91-1	46.22	49.45	49.61	48.43	3.95	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2450.19	2464.91	2427.70	2447.60	0.77	ppb
Antimony	121-1	124.18	124.15	125.53	124.62	0.63	ppb
Arsenic	75-2	128.10	129.58	127.55	128.41	0.82	ppb
Barium	135-1	624.22	617.16	638.34	626.57	1.72	ppb
Barium	137-1	621.39	622.97	643.23	629.20	1.94	ppb
Beryllium	9-1	126.79	124.90	124.65	125.45	0.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	121.08	122.86	126.89	123.61	2.41	ppb
Boron	11-1	115.02	124.39	122.75	120.72	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	129.95	128.27	131.02	129.75	1.07	ppb
Cadmium	106-1	131.86	127.79	137.06	132.23	3.51	ppb
Cadmium	108-1	128.56	131.53	129.89	129.99	1.14	ppb
Calcium	43-1	12970.17	13222.42	13397.09	13196.56	1.63	ppb
Calcium	44-1	12420.63	12231.89	12418.96	12357.16	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.09	126.75	127.58	127.47	0.53	ppb
Cobalt	59-2	127.87	127.49	126.71	127.36	0.46	ppb
Copper	63-2	1308.74	1305.75	1314.86	1309.78	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6666.89	6680.30	6639.60	6662.26	0.31	ppb
Iron	57-2	6707.14	6670.33	6660.91	6679.46	0.37	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6663.97	6672.03	6713.48	6683.16	0.40	ppb
Krypton	83-1						cps
Lead	206-1	612.08	618.35	615.47	615.30	0.51	ppb
Lead	207-1	614.69	612.80	617.60	615.03	0.39	ppb
Lead	208-1	617.44	617.26	619.79	618.16	0.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	13030.09	13137.30	12951.05	13039.48	0.72	ppb
Manganese	55-2	1267.52	1281.23	1291.16	1279.97	0.93	ppb
Molybdenum	94-1	1234.92	1255.45	1247.83	1246.07	0.83	ppb
Molybdenum	95-1	1240.32	1251.75	1236.19	1242.75	0.65	ppb
Molybdenum	96-1	1255.60	1251.55	1244.32	1250.49	0.46	ppb
Molybdenum	97-1	1263.14	1236.91	1244.22	1248.09	1.08	ppb
Molybdenum	98-1	1254.68	1251.39	1237.27	1247.78	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.56	129.31	127.08	128.65	1.06	ppb
Phosphorus	31-2	2564.02	2554.90	2519.23	2546.05	0.93	ppb
Potassium	39-2	6256.17	6269.21	6326.60	6284.00	0.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	127.49	129.88	128.71	128.69	0.93	ppb
Selenium	77-2	125.44	128.77	130.20	128.14	1.90	ppb
Selenium	78-2	126.35	132.80	128.78	129.31	2.52	ppb
Silicon	28-1	128.30	127.82	130.78	128.97	1.23	ppb
Silver	107-1	131.56	130.88	131.94	131.46	0.41	ppb
Silver	109-1	133.48	130.03	132.96	132.16	1.41	ppb
Sodium	23-2	12868.29	12879.02	12691.22	12812.84	0.82	ppb
Strontium	86-1	122.46	123.31	122.50	122.76	0.39	ppb
Strontium	88-1	124.91	124.92	124.92	124.92	0.01	ppb
Sulfur	34-1	2457.58	2478.19	2544.81	2493.52	1.83	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	115.22	117.24	118.97	117.14	1.60	ppb
Thallium	205-1	124.14	123.78	124.52	124.15	0.30	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	119.49	119.38	121.63	120.17	1.05	ppb
Tin	118-1	124.39	123.80	125.63	124.61	0.75	ppb
Titanium	47-1	1249.77	1253.31	1252.23	1251.77	0.14	ppb
Uranium	238-1	120.56	121.85	121.35	121.25	0.54	ppb
Vanadium	51-2	125.05	123.86	125.34	124.75	0.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1293.04	1294.44	1325.79	1304.42	1.42	ppb
Zirconium	90-1	121.92	124.11	122.63	122.89	0.91	ppb
Zirconium	91-1	122.21	124.16	122.69	123.02	0.82	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4997.18	4943.46	4968.89	4969.84	0.54	ppb
Antimony	121-1	249.34	257.78	251.23	252.79	1.75	ppb
Arsenic	75-2	253.79	252.90	253.03	253.24	0.19	ppb
Barium	135-1	1240.50	1283.51	1245.34	1256.45	1.88	ppb
Barium	137-1	1239.93	1279.73	1239.33	1253.00	1.85	ppb
Beryllium	9-1	236.76	241.75	238.47	238.99	1.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	228.10	239.28	244.09	237.16	3.46	ppb
Boron	11-1	224.29	239.71	240.23	234.74	3.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	252.12	260.26	252.67	255.02	1.78	ppb
Cadmium	106-1	257.66	258.37	254.90	256.98	0.71	ppb
Cadmium	108-1	252.26	261.50	255.40	256.39	1.83	ppb
Calcium	43-1	25874.10	26109.35	26371.01	26118.15	0.95	ppb
Calcium	44-1	24478.07	24679.92	25125.01	24761.00	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.32	251.62	251.96	252.30	0.36	ppb
Cobalt	59-2	257.45	253.15	254.74	255.11	0.85	ppb
Copper	63-2	2566.16	2595.83	2566.61	2576.20	0.66	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				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	12999.18	13078.81	13122.99	13066.99	0.48	ppb
Iron	57-2	13075.60	13221.11	12968.78	13088.50	0.97	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13272.68	13024.25	13233.68	13176.87	1.01	ppb
Krypton	83-1						cps
Lead	206-1	1202.14	1246.30	1236.01	1228.15	1.88	ppb
Lead	207-1	1195.59	1242.64	1240.80	1226.34	2.17	ppb
Lead	208-1	1198.19	1243.36	1240.29	1227.28	2.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	25524.74	25619.10	25855.09	25666.31	0.66	ppb
Manganese	55-2	2529.54	2506.65	2533.62	2523.27	0.58	ppb
Molybdenum	94-1	2468.39	2430.44	2509.58	2469.47	1.60	ppb
Molybdenum	95-1	2463.14	2457.90	2514.01	2478.35	1.25	ppb
Molybdenum	96-1	2445.55	2462.44	2525.39	2477.79	1.70	ppb
Molybdenum	97-1	2485.07	2472.70	2510.84	2489.54	0.78	ppb
Molybdenum	98-1	2457.27	2456.81	2517.13	2477.07	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.15	251.69	249.79	250.88	0.39	ppb
Phosphorus	31-2	4914.71	5081.20	5060.44	5018.78	1.81	ppb
Potassium	39-2	12318.42	12479.13	12466.95	12421.50	0.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	250.45	252.67	256.16	253.09	1.14	ppb
Selenium	77-2	250.36	252.00	253.22	251.86	0.57	ppb
Selenium	78-2	250.56	245.75	250.40	248.90	1.10	ppb
Silicon	28-1	249.36	252.76	256.23	252.78	1.36	ppb
Silver	107-1	253.69	263.11	257.45	258.08	1.84	ppb
Silver	109-1	257.35	262.56	252.11	257.34	2.03	ppb
Sodium	23-2	25198.29	25080.03	25414.43	25230.92	0.67	ppb
Strontium	86-1	238.96	241.24	245.05	241.75	1.27	ppb
Strontium	88-1	245.99	249.35	249.93	248.42	0.86	ppb
Sulfur	34-1	4601.83	4672.19	4891.07	4721.70	3.19	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	240.69	247.14	247.50	245.11	1.56	ppb
Thallium	205-1	242.42	247.50	246.49	245.47	1.09	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	237.63	244.15	242.63	241.47	1.41	ppb
Tin	118-1	247.50	259.61	253.20	253.44	2.39	ppb
Titanium	47-1	2496.15	2496.39	2523.33	2505.29	0.62	ppb
Uranium	238-1	239.42	244.90	242.60	242.31	1.13	ppb
Vanadium	51-2	247.46	250.49	249.42	249.12	0.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	2586.92	2592.01	2535.19	2571.37	1.22	ppb
Zirconium	90-1	245.34	248.00	247.68	247.01	0.59	ppb
Zirconium	91-1	242.45	243.31	247.35	244.37	1.07	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9772.66	9861.75	9969.31	9867.91	1.00	ppb
Antimony	121-1	493.74	505.00	498.68	499.14	1.13	ppb
Arsenic	75-2	499.93	497.50	501.65	499.70	0.42	ppb
Barium	135-1	2459.21	2529.85	2520.05	2503.04	1.53	ppb
Barium	137-1	2465.72	2577.11	2528.20	2523.68	2.21	ppb
Beryllium	9-1	504.15	498.99	503.13	502.09	0.54	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	540.40	534.29	553.40	542.69	1.80	ppb
Boron	11-1	543.35	525.73	560.80	543.29	3.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	499.58	509.03	504.69	504.43	0.94	ppb
Cadmium	106-1	505.23	506.15	505.56	505.65	0.09	ppb
Cadmium	108-1	505.48	508.89	506.72	507.03	0.34	ppb
Calcium	43-1	49877.99	50378.25	50582.51	50279.58	0.72	ppb
Calcium	44-1	48955.71	49599.73	49970.73	49508.73	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.68	503.47	511.37	505.17	1.10	ppb
Cobalt	59-2	503.42	510.56	512.33	508.77	0.93	ppb
Copper	63-2	5127.05	5077.52	5172.82	5125.80	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	26341.94	25602.54	26029.40	25991.29	1.43	ppb
Iron	57-2	25831.24	26192.24	26628.03	26217.17	1.52	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26339.44	25991.65	26639.43	26323.51	1.23	ppb
Krypton	83-1						cps
Lead	206-1	2473.05	2496.76	2473.00	2480.94	0.55	ppb
Lead	207-1	2467.13	2482.69	2474.30	2474.70	0.31	ppb
Lead	208-1	2466.18	2498.29	2482.00	2482.16	0.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	50904.74	51440.52	51221.44	51188.90	0.53	ppb
Manganese	55-2	5045.78	4971.78	5022.86	5013.47	0.76	ppb
Molybdenum	94-1	4925.02	4931.52	5007.85	4954.80	0.93	ppb
Molybdenum	95-1	4931.91	4874.38	5035.55	4947.28	1.65	ppb
Molybdenum	96-1	4967.07	4898.93	5035.71	4967.24	1.38	ppb
Molybdenum	97-1	4989.08	4874.20	5042.16	4968.48	1.73	ppb
Molybdenum	98-1	4909.24	4889.73	4967.65	4922.21	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.83	491.64	494.26	491.25	0.66	ppb
Phosphorus	31-2	9918.08	9932.74	9993.36	9948.06	0.40	ppb
Potassium	39-2	24946.80	25288.29	24994.39	25076.49	0.74	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	491.95	496.91	501.13	496.66	0.92	ppb
Selenium	77-2	499.57	492.15	494.28	495.33	0.77	ppb
Selenium	78-2	496.11	493.03	489.20	492.78	0.70	ppb
Silicon	28-1	580.87	580.87	592.72	584.82	1.17	ppb
Silver	107-1	510.29	511.25	503.09	508.21	0.88	ppb
Silver	109-1	503.03	507.41	508.52	506.32	0.57	ppb
Sodium	23-2	50233.84	50469.60	50396.06	50366.50	0.24	ppb
Strontium	86-1	507.98	504.02	499.67	503.89	0.82	ppb
Strontium	88-1	501.60	505.73	497.76	501.70	0.79	ppb
Sulfur	34-1	10939.69	10791.42	10781.83	10837.64	0.82	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	490.59	499.91	495.75	495.42	0.94	ppb
Thallium	205-1	497.17	499.96	491.45	496.19	0.87	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	484.99	496.97	494.38	492.11	1.28	ppb
Tin	118-1	500.32	502.86	501.13	501.44	0.26	ppb
Titanium	47-1	4950.64	5092.07	5068.24	5036.99	1.50	ppb
Uranium	238-1	486.06	506.78	495.54	496.13	2.09	ppb
Vanadium	51-2	500.65	500.67	508.88	503.40	0.94	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	5090.10	5015.88	5121.51	5075.83	1.07	ppb
Zirconium	90-1	498.38	501.69	498.87	499.65	0.36	ppb
Zirconium	91-1	495.03	491.74	500.25	495.67	0.87	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19236.87	19687.42	19500.59	19474.96	1.16	ppb
Antimony	121-1	989.24	1006.43	1003.86	999.84	0.93	ppb
Arsenic	75-2	985.78	998.39	1012.44	998.87	1.33	ppb
Barium	135-1	4961.83	5037.14	4992.22	4997.06	0.76	ppb
Barium	137-1	4936.29	5028.35	4997.03	4987.22	0.94	ppb
Beryllium	9-1	1007.87	996.14	1001.08	1001.70	0.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	972.41	982.71	991.17	982.10	0.96	ppb
Boron	11-1	976.32	970.37	1001.71	982.80	1.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	987.88	992.32	1007.46	995.88	1.03	ppb
Cadmium	106-1	983.64	1003.03	996.40	994.35	0.99	ppb
Cadmium	108-1	982.10	1005.69	994.68	994.15	1.19	ppb
Calcium	43-1	99878.76	99566.14	100439.13	99961.34	0.44	ppb
Calcium	44-1	98222.94	98537.69	98474.21	98411.61	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989.17	999.63	1000.66	996.49	0.64	ppb
Cobalt	59-2	986.81	1003.30	991.84	993.98	0.85	ppb
Copper	63-2	9898.79	9812.72	10015.10	9908.87	1.02	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				103		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	51497.96	51561.75	51692.98	51584.23	0.19	ppb
Iron	57-2	50455.27	51899.72	51682.07	51345.69	1.52	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51683.79	51367.71	51828.03	51626.51	0.46	ppb
Krypton	83-1						cps
Lead	206-1	5031.43	5028.94	4990.16	5016.85	0.46	ppb
Lead	207-1	5031.80	5033.94	4995.16	5020.30	0.43	ppb
Lead	208-1	5019.25	5024.13	5004.58	5015.99	0.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	99645.57	101852.82	102577.59	101358.66	1.51	ppb
Manganese	55-2	10044.30	9904.54	9999.85	9982.90	0.72	ppb
Molybdenum	94-1	9896.30	10067.48	10129.55	10031.11	1.20	ppb
Molybdenum	95-1	9921.32	10029.87	10148.72	10033.30	1.13	ppb
Molybdenum	96-1	9921.87	10025.55	10119.79	10022.40	0.99	ppb
Molybdenum	97-1	9939.94	10011.54	10105.94	10019.14	0.83	ppb
Molybdenum	98-1	9984.28	10020.16	10132.21	10045.55	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.89	1004.91	1012.04	1003.61	0.91	ppb
Phosphorus	31-2	19978.50	20124.49	19942.40	20015.13	0.48	ppb
Potassium	39-2	49413.12	49865.14	49446.85	49575.04	0.51	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	997.03	1000.88	1003.26	1000.39	0.31	ppb
Selenium	77-2	999.06	997.64	1007.38	1001.36	0.53	ppb
Selenium	78-2	995.19	1005.54	1008.94	1003.23	0.71	ppb
Silicon	28-1	962.12	950.28	955.67	956.03	0.62	ppb
Silver	107-1	982.93	1000.08	996.02	993.01	0.90	ppb
Silver	109-1	981.33	999.53	1001.30	994.05	1.11	ppb
Sodium	23-2	98225.43	98737.74	99288.79	98750.65	0.54	ppb
Strontium	86-1	1002.66	978.50	1020.35	1000.50	2.10	ppb
Strontium	88-1	995.88	990.73	1012.12	999.58	1.12	ppb
Sulfur	34-1	19989.44	19512.20	19458.08	19653.24	1.49	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1003.41	1012.36	998.44	1004.74	0.70	ppb
Thallium	205-1	1004.45	1011.71	993.99	1003.38	0.89	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1000.36	1007.17	1013.13	1006.89	0.63	ppb
Tin	118-1	980.69	1010.32	1004.52	998.51	1.57	ppb
Titanium	47-1	9996.50	10007.81	9938.53	9980.95	0.37	ppb
Uranium	238-1	994.59	1014.54	1004.38	1004.51	0.99	ppb
Vanadium	51-2	995.44	998.55	1001.67	998.55	0.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	9856.79	10036.98	9915.92	9936.57	0.92	ppb
Zirconium	90-1	993.93	1000.99	1008.97	1001.30	0.75	ppb
Zirconium	91-1	998.37	1001.18	1012.14	1003.90	0.72	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99438.22	100345.89	100577.98	100120.70	0.60	ppb
Antimony	121-1	0.63	0.64	0.65	0.64	1.85	ppb
Arsenic	75-2	0.37	0.43	0.34	0.38	13.27	ppb
Barium	135-1	2.48	2.38	2.48	2.45	2.52	ppb
Barium	137-1	2.66	2.54	2.45	2.55	4.15	ppb
Beryllium	9-1	0.17	0.13	0.13	0.14	14.06	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	35.41	31.63	29.41	32.15	9.44	ppb
Boron	11-1	35.26	30.57	28.31	31.38	11.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.28	0.36	0.31	11.63	ppb
Cadmium	106-1	-0.02	-0.04	1.03	0.32	191.13	ppb
Cadmium	108-1	0.42	0.47	0.51	0.47	10.26	ppb
Calcium	43-1	489631.36	501376.07	508707.62	499905.02	1.92	ppb
Calcium	44-1	490018.54	501848.82	509283.22	500383.53	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.50	8.46	8.62	8.52	0.96	ppb
Cobalt	59-2	1.85	1.94	1.92	1.90	2.31	ppb
Copper	63-2	2.33	2.31	2.22	2.29	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				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	247828.11	251377.10	249426.48	249543.90	0.71	ppb
Iron	57-2	247826.18	251815.21	249060.82	249567.41	0.82	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	248270.06	250988.32	249228.20	249495.53	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1.43	1.28	1.24	1.31	7.67	ppb
Lead	207-1	1.35	1.20	1.11	1.22	9.85	ppb
Lead	208-1	1.38	1.23	1.17	1.26	8.53	ppb
Lithium	6-1				91		%
Magnesium	24-2	498266.18	507655.88	492757.93	499560.00	1.51	ppb
Manganese	55-2	5.92	5.96	5.95	5.94	0.33	ppb
Molybdenum	94-1	3.62	3.33	3.19	3.38	6.54	ppb
Molybdenum	95-1	3.26	2.86	2.64	2.92	10.74	ppb
Molybdenum	96-1	4.21	3.92	3.73	3.95	6.16	ppb
Molybdenum	97-1	3.21	2.73	2.72	2.88	9.81	ppb
Molybdenum	98-1	3.18	2.77	2.52	2.82	11.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.65	6.76	7.00	6.80	2.59	ppb
Phosphorus	31-2	-1.18	-4.43	-5.32	-3.64		ppb
Potassium	39-2	251519.07	249500.08	249220.17	250079.77	0.50	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	82-1	0.75	0.34	-0.07	0.34	119.86	ppb
Selenium	77-2	0.51	0.79	0.79	0.70	23.28	ppb
Selenium	78-2	0.01	-0.09	0.29	0.07	293.87	ppb
Silicon	28-1	11.90	13.75	13.44	13.03	7.62	ppb
Silver	107-1	0.31	0.30	0.31	0.31	0.48	ppb
Silver	109-1	0.31	0.31	0.28	0.30	5.02	ppb
Sodium	23-2	502587.99	500139.48	497849.96	500192.48	0.47	ppb
Strontium	86-1	6.42	6.24	6.60	6.42	2.82	ppb
Strontium	88-1	6.56	6.57	6.66	6.60	0.84	ppb
Sulfur	34-1	-532.46	-477.78	-405.20	-471.81		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.44	0.35	0.34	0.38	14.14	ppb
Thallium	205-1	0.43	0.37	0.34	0.38	12.27	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.10	0.07	0.10	24.00	ppb
Tin	118-1	0.75	0.75	0.76	0.75	0.62	ppb
Titanium	47-1	1.89	1.49	1.60	1.66	12.41	ppb
Uranium	238-1	0.13	0.10	0.08	0.11	25.78	ppb
Vanadium	51-2	0.18	0.18	0.16	0.17	5.97	ppb
Yttrium	89-1				97		%
Yttrium	89-2				103		%
Zinc	66-2	11.83	12.19	12.26	12.09	1.91	ppb
Zirconium	90-1	0.53	0.47	0.45	0.49	7.56	ppb
Zirconium	91-1	0.49	0.44	0.47	0.47	5.36	ppb

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : ICV08 Instrumnet Name : P7
 Client Sample ID : ICV08 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 16:08:45 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.57	474.69	482.57	479.95	0.95	ppb
Antimony	121-1	211.66	206.81	206.57	208.35	1.38	ppb
Arsenic	75-2	206.56	205.06	206.29	205.97	0.39	ppb
Barium	135-1	101.25	99.48	99.97	100.23	0.91	ppb
Barium	137-1	102.04	100.61	100.16	100.94	0.97	ppb
Beryllium	9-1	97.78	97.19	96.47	97.15	0.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	4.43	4.77	4.38	4.53	4.71	ppb
Boron	11-1	4.48	4.29	4.30	4.36	2.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.83	106.31	105.55	106.23	0.61	ppb
Cadmium	106-1	92.70	93.05	89.10	91.62	2.38	ppb
Cadmium	108-1	95.50	94.03	93.12	94.22	1.27	ppb
Calcium	43-1	2028.42	2066.72	2019.34	2038.16	1.23	ppb
Calcium	44-1	1983.64	1965.15	1932.81	1960.53	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.02	98.04	99.69	98.92	0.84	ppb
Cobalt	59-2	100.66	98.75	100.55	99.99	1.07	ppb
Copper	63-2	97.86	95.54	97.61	97.00	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	2010.47	1977.24	2016.27	2001.33	1.05	ppb
Iron	57-2	2011.84	2016.65	2042.25	2023.58	0.81	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:08:45	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2116.82	2070.37	2104.04	2097.08	1.14	ppb
Krypton	83-1						cps
Lead	206-1	199.09	205.10	204.52	202.90	1.63	ppb
Lead	207-1	170.64	190.74	192.34	184.57	6.55	ppb
Lead	208-1	191.84	198.41	199.17	196.47	2.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	1124.71	1100.78	1108.86	1111.45	1.10	ppb
Manganese	55-2	100.98	100.11	101.06	100.72	0.52	ppb
Molybdenum	94-1	0.12	0.13	0.07	0.11	28.72	ppb
Molybdenum	95-1	0.10	0.09	0.09	0.09	10.19	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	9.09	ppb
Molybdenum	97-1	0.10	0.10	0.07	0.09	20.43	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.10	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.14	105.59	106.05	106.26	0.75	ppb
Phosphorus	31-2	-12.82	-12.60	-12.90	-12.77		ppb
Potassium	39-2	1990.23	1966.22	1939.36	1965.27	1.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	207.89	205.08	206.52	206.50	0.68	ppb
Selenium	77-2	205.89	215.61	211.17	210.89	2.31	ppb
Selenium	78-2	210.00	210.40	212.30	210.90	0.58	ppb
Silicon	28-1	0.97	1.11	0.95	1.01	8.81	ppb
Silver	107-1	52.60	52.32	52.51	52.48	0.27	ppb
Silver	109-1	52.13	52.25	52.73	52.37	0.61	ppb
Sodium	23-2	2026.53	1997.42	1990.43	2004.80	0.95	ppb
Strontium	86-1	0.31	0.37	0.27	0.32	16.62	ppb
Strontium	88-1	0.24	0.23	0.25	0.24	2.89	ppb
Sulfur	34-1	347.02	352.51	251.59	317.04	17.90	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	198.91	203.99	198.24	200.38	1.57	ppb
Thallium	205-1	194.52	201.18	200.41	198.70	1.83	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:08:45	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.01	19.97	ppb
Tin	118-1	0.01	0.02	0.00	0.01	98.16	ppb
Titanium	47-1	0.05	0.01	0.07	0.04	78.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.60	ppb
Vanadium	51-2	100.72	100.49	101.44	100.88	0.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	192.54	190.46	193.03	192.01	0.71	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	63.70	ppb
Zirconium	91-1	0.07	0.08	0.09	0.08	13.90	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.80	19.67	19.64	19.71	0.44	ppb
Antimony	121-1	2.07	2.06	2.12	2.08	1.67	ppb
Arsenic	75-2	1.05	1.10	0.99	1.05	4.93	ppb
Barium	135-1	9.55	9.56	9.66	9.59	0.64	ppb
Barium	137-1	9.73	9.75	10.04	9.84	1.80	ppb
Beryllium	9-1	1.04	1.09	1.11	1.08	2.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	17.82	19.22	19.46	18.83	4.71	ppb
Boron	11-1	17.38	18.47	18.71	18.19	3.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.06	1.05	1.20	1.10	7.70	ppb
Cadmium	106-1	0.00	0.61	1.38	0.66	103.88	ppb
Cadmium	108-1	0.98	0.96	1.13	1.02	9.11	ppb
Calcium	43-1	504.72	508.33	512.27	508.44	0.74	ppb
Calcium	44-1	534.28	526.02	540.91	533.74	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.92	1.94	1.92	0.82	ppb
Cobalt	59-2	1.02	1.02	1.00	1.02	1.39	ppb
Copper	63-2	2.04	2.10	2.09	2.08	1.55	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				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	51.57	51.29	51.13	51.33	0.44	ppb
Iron	57-2	52.45	53.59	52.36	52.80	1.31	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.78	53.20	52.74	53.57	1.99	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.96	0.96	0.95	0.66	ppb
Lead	207-1	0.93	0.92	0.93	0.93	0.77	ppb
Lead	208-1	0.92	0.93	0.90	0.92	1.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	490.12	490.97	489.94	490.34	0.11	ppb
Manganese	55-2	1.06	1.06	1.03	1.05	1.57	ppb
Molybdenum	94-1	5.76	5.77	5.94	5.82	1.72	ppb
Molybdenum	95-1	4.92	4.98	5.03	4.98	1.15	ppb
Molybdenum	96-1	5.03	5.04	5.10	5.05	0.73	ppb
Molybdenum	97-1	4.76	4.94	5.10	4.94	3.40	ppb
Molybdenum	98-1	4.90	4.91	4.88	4.90	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.02	1.02	1.01	1.73	ppb
Phosphorus	31-2	7.52	12.54	17.77	12.61	40.63	ppb
Potassium	39-2	525.01	525.27	521.52	523.93	0.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	4.89	4.51	5.24	4.88	7.44	ppb
Selenium	77-2	5.37	3.33	4.87	4.53	23.50	ppb
Selenium	78-2	5.86	4.76	5.99	5.54	12.19	ppb
Silicon	28-1	2.34	2.26	2.50	2.37	5.05	ppb
Silver	107-1	0.99	1.03	1.09	1.04	4.88	ppb
Silver	109-1	1.00	1.02	1.10	1.04	4.95	ppb
Sodium	23-2	502.74	507.84	509.75	506.78	0.71	ppb
Strontium	86-1	0.92	0.91	0.92	0.91	0.38	ppb
Strontium	88-1	0.96	0.98	0.99	0.98	1.27	ppb
Sulfur	34-1	227.45	232.68	302.53	254.22	16.49	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.93	0.89	0.92	2.70	ppb
Thallium	205-1	0.93	0.95	0.92	0.93	1.89	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.78	0.78	0.79	0.78	0.96	ppb
Tin	118-1	5.19	5.18	5.18	5.18	0.17	ppb
Titanium	47-1	4.79	4.96	4.96	4.90	2.06	ppb
Uranium	238-1	0.83	0.79	0.80	0.81	2.36	ppb
Vanadium	51-2	4.85	4.81	4.70	4.78	1.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	2.34	2.31	2.48	2.37	3.85	ppb
Zirconium	90-1	0.97	0.93	0.95	0.95	2.19	ppb
Zirconium	91-1	0.96	0.98	0.98	0.97	0.99	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.28	10.35	10.16	9.93	5.72	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	33.63	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	263.61	ppb
Barium	137-1	0.00	0.02	0.02	0.01	76.69	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	69.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	2.40	2.68	2.45	2.51	5.94	ppb
Boron	11-1	2.79	2.61	2.34	2.58	8.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.03	0.07	0.05	39.73	ppb
Cadmium	106-1	0.54	0.14	0.75	0.48	64.48	ppb
Cadmium	108-1	0.06	-0.13	-0.05	-0.04		ppb
Calcium	43-1	-0.46	1.90	0.91	0.78	150.86	ppb
Calcium	44-1	21.45	29.35	23.93	24.91	16.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.03	0.03	45.28	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	3025.79	ppb
Copper	63-2	0.04	0.02	0.02	0.03	34.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	0.13	0.24	0.24	0.21	29.75	ppb
Iron	57-2	0.33	0.34	0.27	0.31	11.72	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.54	0.93	0.04	0.50	89.38	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	16.47	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.52	ppb
Lead	208-1	0.04	0.04	0.03	0.04	5.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.26	0.36	0.31	0.31	16.16	ppb
Manganese	55-2	0.02	0.02	0.01	0.02	22.10	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	55.80	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	85.98	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	47.89	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	33.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-10.08	-10.21	-16.49	-12.26		ppb
Potassium	39-2	8.53	11.11	10.14	9.93	13.08	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	-0.26	0.10	-0.69	-0.28		ppb
Selenium	77-2	0.08	-0.05	0.22	0.09	156.87	ppb
Selenium	78-2	-0.24	0.14	0.11	0.00	6555.04	ppb
Silicon	28-1	0.47	0.83	0.77	0.69	28.13	ppb
Silver	107-1	0.03	0.03	0.02	0.03	8.79	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.54	ppb
Sodium	23-2	25.81	26.80	25.23	25.95	3.05	ppb
Strontium	86-1	-0.03	0.02	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	58.09	ppb
Sulfur	34-1	45.69	304.34	284.94	211.65	68.06	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.02	0.03	28.13	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	9.14	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	36.24	ppb
Tin	118-1	0.05	0.05	0.07	0.06	13.15	ppb
Titanium	47-1	-0.01	-0.02	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	118.01	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	0.75	0.71	0.69	0.72	4.38	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	41.67	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	20.14	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95359.34	94197.56	93268.68	94275.19	1.11	ppb
Antimony	121-1	1.18	1.21	1.22	1.20	1.84	ppb
Arsenic	75-2	0.27	0.31	0.29	0.29	6.91	ppb
Barium	135-1	1.46	1.27	1.29	1.34	7.65	ppb
Barium	137-1	1.33	1.32	1.43	1.36	4.53	ppb
Beryllium	9-1	0.30	0.28	0.28	0.28	4.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	2.67	2.77	1.97	2.47	17.54	ppb
Boron	11-1	2.43	2.21	2.40	2.35	5.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.52	0.39	0.43	0.45	14.49	ppb
Cadmium	106-1	-0.63	-0.83	0.36	-0.37		ppb
Cadmium	108-1	12.61	13.62	12.61	12.95	4.48	ppb
Calcium	43-1	95370.72	98200.71	96934.76	96835.40	1.46	ppb
Calcium	44-1	95404.70	96567.05	97004.73	96325.49	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.41	19.30	18.70	19.14	2.00	ppb
Cobalt	59-2	1.18	1.20	1.10	1.16	4.38	ppb
Copper	63-2	7.10	7.13	6.88	7.04	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	101010.16	99713.99	97766.61	99496.92	1.64	ppb
Iron	57-2	100458.26	100639.63	98190.99	99762.96	1.37	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101101.28	100643.93	98505.44	100083.55	1.38	ppb
Krypton	83-1						cps
Lead	206-1	4.24	4.48	4.31	4.34	2.88	ppb
Lead	207-1	3.77	3.97	3.93	3.89	2.71	ppb
Lead	208-1	3.95	4.10	4.03	4.03	1.91	ppb
Lithium	6-1				96		%
Magnesium	24-2	97353.20	97179.52	96044.19	96858.97	0.73	ppb
Manganese	55-2	7.38	7.33	7.34	7.35	0.39	ppb
Molybdenum	94-1	1549.47	1576.12	1552.53	1559.37	0.94	ppb
Molybdenum	95-1	1883.02	1943.69	1912.32	1913.01	1.59	ppb
Molybdenum	96-1	1861.69	1893.27	1880.96	1878.64	0.85	ppb
Molybdenum	97-1	1901.59	1943.59	1909.91	1918.36	1.16	ppb
Molybdenum	98-1	1861.78	1935.58	1914.06	1903.81	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.08	5.04	5.15	3.07	ppb
Phosphorus	31-2	99583.74	98878.44	96485.30	98315.83	1.65	ppb
Potassium	39-2	97797.61	97584.25	95800.21	97060.69	1.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	-1.05	0.59	0.38	-0.03		ppb
Selenium	77-2	-0.05	0.09	-0.05	0.00		ppb
Selenium	78-2	0.03	0.87	-0.02	0.29	169.43	ppb
Silicon	28-1	3.07	3.22	3.43	3.24	5.51	ppb
Silver	107-1	0.08	0.05	0.05	0.06	30.33	ppb
Silver	109-1	0.08	0.06	0.06	0.06	16.96	ppb
Sodium	23-2	96919.85	98493.53	95865.70	97093.03	1.36	ppb
Strontium	86-1	32.46	33.05	32.99	32.83	0.99	ppb
Strontium	88-1	32.14	33.15	32.88	32.72	1.61	ppb
Sulfur	34-1	88269.81	89753.64	91054.46	89692.64	1.55	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.34	0.34	0.30	24.22	ppb
Thallium	205-1	0.22	0.30	0.38	0.30	26.06	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	51.12	ppb
Tin	118-1	0.14	0.14	0.13	0.14	1.97	ppb
Titanium	47-1	1920.73	1931.39	1955.03	1935.71	0.91	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	9.51	ppb
Vanadium	51-2	0.15	0.19	0.15	0.16	14.34	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	10.79	10.58	10.41	10.59	1.83	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	15.70	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	35.22	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92354.48	92364.62	92586.46	92435.19	0.14	ppb
Antimony	121-1	20.07	20.21	20.23	20.17	0.44	ppb
Arsenic	75-2	20.09	20.33	20.16	20.19	0.61	ppb
Barium	135-1	20.02	20.41	20.38	20.27	1.06	ppb
Barium	137-1	20.28	20.41	20.42	20.37	0.39	ppb
Beryllium	9-1	19.23	19.65	19.37	19.41	1.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	2.15	1.97	1.55	1.89	16.12	ppb
Boron	11-1	2.01	2.06	2.16	2.08	3.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.29	19.79	19.48	19.52	1.30	ppb
Cadmium	106-1	15.67	14.71	15.40	15.26	3.24	ppb
Cadmium	108-1	28.05	27.79	28.43	28.09	1.14	ppb
Calcium	43-1	97535.83	95969.13	97059.95	96854.97	0.83	ppb
Calcium	44-1	95838.27	95783.69	95995.26	95872.41	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.40	37.89	38.14	37.81	1.00	ppb
Cobalt	59-2	20.00	20.42	20.22	20.21	1.05	ppb
Copper	63-2	25.13	25.36	25.56	25.35	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	99738.11	97915.51	99470.86	99041.49	0.99	ppb
Iron	57-2	97482.35	100332.97	98913.52	98909.61	1.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	97502.72	97283.71	98895.83	97894.09	0.89	ppb
Krypton	83-1						cps
Lead	206-1	22.57	23.13	23.11	22.94	1.39	ppb
Lead	207-1	21.16	20.98	21.79	21.31	1.99	ppb
Lead	208-1	21.80	21.87	22.22	21.96	1.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	95595.24	94497.66	96222.41	95438.44	0.91	ppb
Manganese	55-2	25.77	25.67	26.21	25.88	1.10	ppb
Molybdenum	94-1	1558.29	1518.62	1546.87	1541.26	1.32	ppb
Molybdenum	95-1	1916.79	1861.88	1896.99	1891.89	1.47	ppb
Molybdenum	96-1	1876.11	1846.37	1854.37	1858.95	0.83	ppb
Molybdenum	97-1	1893.01	1880.14	1874.69	1882.61	0.50	ppb
Molybdenum	98-1	1914.69	1873.18	1877.41	1888.42	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.09	24.19	23.76	24.01	0.93	ppb
Phosphorus	31-2	98219.12	95922.06	96884.92	97008.70	1.19	ppb
Potassium	39-2	96900.01	95599.66	95648.62	96049.43	0.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	19.40	19.87	19.28	19.52	1.58	ppb
Selenium	77-2	19.23	19.50	19.86	19.53	1.62	ppb
Selenium	78-2	20.08	18.78	18.33	19.07	4.75	ppb
Silicon	28-1	3.23	3.36	3.35	3.32	2.17	ppb
Silver	107-1	18.26	18.53	18.49	18.43	0.79	ppb
Silver	109-1	18.02	18.62	18.33	18.32	1.65	ppb
Sodium	23-2	96501.20	95872.36	96864.83	96412.80	0.52	ppb
Strontium	86-1	32.55	32.03	32.16	32.25	0.84	ppb
Strontium	88-1	32.47	33.91	32.77	33.05	2.30	ppb
Sulfur	34-1	88860.29	89715.47	86541.93	88372.56	1.86	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	19.24	19.15	19.51	19.30	0.98	ppb
Thallium	205-1	19.03	19.29	19.46	19.26	1.14	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	19.32	ppb
Tin	118-1	0.14	0.18	0.12	0.15	19.12	ppb
Titanium	47-1	1924.63	1920.45	1981.69	1942.26	1.76	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.43	ppb
Vanadium	51-2	19.03	18.96	19.08	19.02	0.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	29.24	29.28	29.25	29.26	0.06	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	32.16	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	17.14	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52010.90	51156.46	51096.95	51421.44	0.99	ppb
Antimony	121-1	518.37	518.89	516.14	517.80	0.28	ppb
Arsenic	75-2	499.52	500.23	494.36	498.04	0.64	ppb
Barium	135-1	2503.80	2514.04	2531.21	2516.35	0.55	ppb
Barium	137-1	2562.36	2507.33	2548.88	2539.52	1.13	ppb
Beryllium	9-1	497.10	497.38	490.71	495.06	0.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	463.71	465.03	485.13	471.29	2.55	ppb
Boron	11-1	473.54	477.67	494.40	481.87	2.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	504.59	499.93	507.71	504.07	0.78	ppb
Cadmium	106-1	511.76	501.14	493.86	502.25	1.79	ppb
Cadmium	108-1	505.26	499.51	502.61	502.46	0.57	ppb
Calcium	43-1	248362.30	246310.99	246762.81	247145.37	0.44	ppb
Calcium	44-1	244111.67	245261.08	246647.10	245339.95	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.14	509.50	506.31	509.98	0.77	ppb
Cobalt	59-2	496.22	494.43	490.71	493.79	0.57	ppb
Copper	63-2	4914.26	4947.17	4909.28	4923.57	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	127984.02	126894.71	127396.73	127425.15	0.43	ppb
Iron	57-2	127698.88	128473.38	127619.66	127930.64	0.37	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128685.02	127995.22	127536.68	128072.31	0.45	ppb
Krypton	83-1						cps
Lead	206-1	2526.83	2536.24	2559.88	2540.98	0.67	ppb
Lead	207-1	2524.69	2534.02	2543.65	2534.12	0.37	ppb
Lead	208-1	2533.73	2542.20	2556.00	2543.98	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	256229.37	259776.69	254625.04	256877.03	1.03	ppb
Manganese	55-2	4999.92	4982.07	4972.23	4984.74	0.28	ppb
Molybdenum	94-1	5063.49	5014.47	4975.94	5017.96	0.87	ppb
Molybdenum	95-1	4987.16	5010.08	4952.46	4983.23	0.58	ppb
Molybdenum	96-1	5017.53	5039.60	5002.91	5020.01	0.37	ppb
Molybdenum	97-1	4991.78	5068.18	4953.07	5004.34	1.17	ppb
Molybdenum	98-1	4995.69	4993.77	4903.26	4964.24	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.34	481.24	474.48	479.02	0.82	ppb
Phosphorus	31-2	10238.85	10191.97	10228.68	10219.84	0.24	ppb
Potassium	39-2	127231.97	128458.50	127767.55	127819.34	0.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	483.06	487.99	489.49	486.84	0.69	ppb
Selenium	77-2	478.11	480.28	493.36	483.92	1.70	ppb
Selenium	78-2	502.57	498.55	499.17	500.10	0.43	ppb
Silicon	28-1	467.79	466.98	469.91	468.23	0.32	ppb
Silver	107-1	509.50	501.75	502.35	504.54	0.85	ppb
Silver	109-1	502.03	498.64	501.53	500.73	0.36	ppb
Sodium	23-2	259185.45	258158.00	255125.64	257489.70	0.82	ppb
Strontium	86-1	502.71	502.62	519.63	508.32	1.93	ppb
Strontium	88-1	504.51	507.34	507.33	506.39	0.32	ppb
Sulfur	34-1	9959.02	9836.13	9786.97	9860.71	0.90	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	502.43	514.83	515.32	510.86	1.43	ppb
Thallium	205-1	510.72	511.36	513.04	511.71	0.23	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	504.85	521.04	518.28	514.72	1.68	ppb
Tin	118-1	508.43	507.35	504.74	506.84	0.37	ppb
Titanium	47-1	4941.59	4942.01	5017.67	4967.09	0.88	ppb
Uranium	238-1	507.52	520.82	515.44	514.59	1.30	ppb
Vanadium	51-2	516.35	516.66	510.73	514.58	0.65	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	4920.47	4879.04	4799.94	4866.48	1.26	ppb
Zirconium	90-1	503.85	500.49	505.84	503.39	0.54	ppb
Zirconium	91-1	506.17	503.09	506.56	505.27	0.38	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:34:42	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.08	1.45	1.19	18.92	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	8.56	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	669.93	ppb
Barium	135-1	0.09	0.10	0.08	0.09	10.85	ppb
Barium	137-1	0.08	0.07	0.08	0.08	8.17	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	41.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	3.46	2.82	3.02	3.10	10.64	ppb
Boron	11-1	3.07	2.99	3.20	3.09	3.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	0.00	0.05	-0.02		ppb
Cadmium	106-1	-1.56	-0.18	0.53	-0.40		ppb
Cadmium	108-1	0.00	0.18	-0.05	0.04	291.79	ppb
Calcium	43-1	2.59	1.42	4.49	2.83	54.72	ppb
Calcium	44-1	23.69	30.48	32.08	28.75	15.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.02	0.02	50.83	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	58.15	ppb
Copper	63-2	0.09	0.08	0.07	0.08	14.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	2.12	2.20	2.11	2.14	2.35	ppb
Iron	57-2	1.18	2.03	3.07	2.09	45.23	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:34:42	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.55	2.46	2.11	2.37	9.86	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.10	0.11	8.25	ppb
Lead	207-1	0.11	0.10	0.10	0.10	4.99	ppb
Lead	208-1	0.10	0.10	0.11	0.10	1.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.85	2.69	2.96	2.83	4.82	ppb
Manganese	55-2	0.03	0.04	0.04	0.04	18.07	ppb
Molybdenum	94-1	0.08	0.11	0.08	0.09	16.55	ppb
Molybdenum	95-1	0.07	0.05	0.08	0.06	26.44	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.08	7.59	ppb
Molybdenum	97-1	0.07	0.07	0.04	0.06	28.54	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.06	11.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-11.51	-6.93	0.21	-6.07		ppb
Potassium	39-2	19.37	21.09	20.53	20.33	4.33	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	-0.15	-0.18	0.91	0.19	319.15	ppb
Selenium	77-2	-0.05	0.08	-0.05	0.00		ppb
Selenium	78-2	-0.13	0.54	-0.52	-0.04		ppb
Silicon	28-1	0.16	0.46	0.89	0.50	72.42	ppb
Silver	107-1	0.03	0.03	0.02	0.02	15.39	ppb
Silver	109-1	0.03	0.02	0.02	0.02	30.46	ppb
Sodium	23-2	43.54	43.84	43.43	43.60	0.49	ppb
Strontium	86-1	-0.17	-0.01	-0.02	-0.07		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.23	ppb
Sulfur	34-1	-283.07	-186.44	-97.84	-189.12		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.11	0.10	0.10	8.63	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	8.08	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:34:42	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	26.71	ppb
Tin	118-1	0.12	0.12	0.12	0.12	1.59	ppb
Titanium	47-1	0.04	0.01	0.04	0.03	48.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.62	ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	42.31	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	0.17	0.26	0.26	0.23	20.89	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	58.85	ppb
Zirconium	91-1	0.02	0.04	0.04	0.04	29.05	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	20.17	20.91	20.99	4.14	ppb
Antimony	121-1	1.86	1.87	1.99	1.91	3.68	ppb
Arsenic	75-2	0.99	1.05	1.05	1.03	3.51	ppb
Barium	135-1	8.93	9.33	9.64	9.30	3.80	ppb
Barium	137-1	8.93	9.28	9.92	9.38	5.37	ppb
Beryllium	9-1	0.95	0.99	1.04	0.99	4.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	14.64	17.44	19.34	17.14	13.81	ppb
Boron	11-1	16.02	17.58	18.69	17.43	7.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.05	0.94	1.18	1.05	11.28	ppb
Cadmium	106-1	0.90	0.21	2.27	1.12	93.19	ppb
Cadmium	108-1	0.75	1.04	1.22	1.00	23.91	ppb
Calcium	43-1	466.62	497.09	510.20	491.30	4.55	ppb
Calcium	44-1	493.94	507.57	530.55	510.69	3.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.94	1.94	1.94	0.10	ppb
Cobalt	59-2	1.02	0.96	0.98	0.99	3.04	ppb
Copper	63-2	2.11	2.06	2.10	2.09	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	54.96	52.97	52.19	53.37	2.68	ppb
Iron	57-2	56.59	53.46	51.73	53.92	4.57	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.87	53.50	55.33	55.23	3.05	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.97	0.97	0.95	4.57	ppb
Lead	207-1	0.88	0.87	0.98	0.91	6.45	ppb
Lead	208-1	0.89	0.91	0.97	0.92	4.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	499.11	495.11	494.58	496.27	0.50	ppb
Manganese	55-2	1.10	1.03	1.05	1.06	3.37	ppb
Molybdenum	94-1	5.37	5.61	5.83	5.60	4.13	ppb
Molybdenum	95-1	4.53	4.91	4.98	4.81	5.05	ppb
Molybdenum	96-1	4.68	4.94	5.16	4.93	4.87	ppb
Molybdenum	97-1	4.63	4.86	4.75	4.75	2.34	ppb
Molybdenum	98-1	4.72	4.72	4.91	4.78	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.02	0.99	1.00	2.29	ppb
Phosphorus	31-2	14.72	-0.16	14.83	9.80	88.01	ppb
Potassium	39-2	535.34	525.94	520.50	527.26	1.42	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	4.31	6.00	4.63	4.98	17.98	ppb
Selenium	77-2	3.38	3.67	7.71	4.92	49.17	ppb
Selenium	78-2	5.61	5.18	5.08	5.29	5.34	ppb
Silicon	28-1	1.22	1.46	1.67	1.45	15.38	ppb
Silver	107-1	0.92	1.01	1.10	1.01	8.90	ppb
Silver	109-1	0.92	1.00	1.07	0.99	7.78	ppb
Sodium	23-2	515.35	507.85	504.45	509.22	1.09	ppb
Strontium	86-1	0.81	0.84	0.88	0.85	4.18	ppb
Strontium	88-1	0.91	0.94	0.94	0.93	2.05	ppb
Sulfur	34-1	-285.32	-188.82	-72.72	-182.29		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.94	0.89	0.99	0.94	5.03	ppb
Thallium	205-1	0.94	0.95	0.99	0.96	2.96	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.72	0.75	0.79	0.75	4.76	ppb
Tin	118-1	4.76	4.85	5.08	4.90	3.28	ppb
Titanium	47-1	4.76	4.66	4.81	4.75	1.59	ppb
Uranium	238-1	0.74	0.77	0.80	0.77	3.86	ppb
Vanadium	51-2	4.83	4.78	4.77	4.80	0.62	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	2.32	2.21	2.23	2.25	2.75	ppb
Zirconium	90-1	0.87	0.93	0.91	0.90	3.43	ppb
Zirconium	91-1	0.89	0.90	0.94	0.91	3.15	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BL	Instrumnet Name :	P7
Client Sample ID :	PB144227BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:54:12	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.20	0.02	0.16	76.14	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	45.67	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	1.08	0.75	0.74	0.86	22.14	ppb
Boron	11-1	0.88	0.99	1.02	0.96	7.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-1.68	-1.26	-1.35	-1.43		ppb
Cadmium	108-1	0.06	-0.15	-0.08	-0.05		ppb
Calcium	43-1	-0.82	-2.36	-0.73	-1.30		ppb
Calcium	44-1	29.79	26.69	30.00	28.82	6.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.05	0.07	0.06	21.93	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	304.76	ppb
Copper	63-2	0.02	0.02	0.03	0.02	41.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	1.20	1.21	1.21	1.21	0.26	ppb
Iron	57-2	1.95	1.88	1.82	1.88	3.48	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BL	Instrumnet Name :	P7
Client Sample ID :	PB144227BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:54:12	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.60	1.15	1.03	1.26	23.92	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	30.29	ppb
Lead	207-1	0.02	0.02	0.02	0.02	21.63	ppb
Lead	208-1	0.01	0.02	0.02	0.02	18.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.14	0.18	0.16	0.16	12.57	ppb
Manganese	55-2	0.00	0.01	0.01	0.01	20.86	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	94.40	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	155.64	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	137.99	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	282.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	4.53	-10.21	-9.51	-5.07		ppb
Potassium	39-2	5.64	8.35	8.76	7.58	22.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	-0.78	-0.67	0.28	-0.39		ppb
Selenium	77-2	-0.05	0.09	-0.05	0.00		ppb
Selenium	78-2	-0.47	-0.51	-0.76	-0.58		ppb
Silicon	28-1	0.46	0.51	0.78	0.58	29.59	ppb
Silver	107-1	0.01	0.00	0.01	0.01	12.02	ppb
Silver	109-1	0.00	0.00	0.01	0.00	55.76	ppb
Sodium	23-2	16.84	16.77	17.44	17.01	2.15	ppb
Strontium	86-1	-0.01	0.03	-0.04	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	73.56	ppb
Sulfur	34-1	148.96	89.36	215.64	151.32	41.75	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.02	0.01	268.66	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	88.78	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BL	Instrumnet Name :	P7
Client Sample ID :	PB144227BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:54:12	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.03	0.04	0.03	20.71	ppb
Titanium	47-1	0.01	-0.01	0.02	0.01	163.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1680.50	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	348.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.10	0.16	0.09	0.12	35.03	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	37.70	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	100.48	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10202.46	10579.21	10266.59	10349.42	1.95	ppb
Antimony	121-1	527.42	518.95	520.82	522.40	0.85	ppb
Arsenic	75-2	511.30	523.16	524.44	519.63	1.39	ppb
Barium	135-1	2620.91	2582.17	2594.18	2599.09	0.76	ppb
Barium	137-1	2597.28	2611.84	2612.41	2607.18	0.33	ppb
Beryllium	9-1	520.64	509.93	518.46	516.34	1.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	535.21	537.12	563.21	545.18	2.87	ppb
Boron	11-1	539.17	558.33	575.41	557.64	3.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	525.74	518.42	526.09	523.41	0.83	ppb
Cadmium	106-1	527.58	517.29	513.55	519.47	1.40	ppb
Cadmium	108-1	523.87	510.66	524.76	519.76	1.52	ppb
Calcium	43-1	50556.88	51257.95	52218.98	51344.60	1.63	ppb
Calcium	44-1	49950.14	50859.40	51218.15	50675.89	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	521.10	533.57	528.66	527.78	1.19	ppb
Cobalt	59-2	521.16	533.32	531.77	528.75	1.25	ppb
Copper	63-2	5230.46	5296.29	5332.36	5286.37	0.98	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				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	26944.14	27465.14	27188.74	27199.34	0.96	ppb
Iron	57-2	26658.46	27524.58	27111.89	27098.31	1.60	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27186.69	27848.92	27655.48	27563.70	1.24	ppb
Krypton	83-1						cps
Lead	206-1	2567.98	2560.76	2548.80	2559.18	0.38	ppb
Lead	207-1	2545.78	2523.83	2554.63	2541.42	0.62	ppb
Lead	208-1	2536.72	2546.61	2560.78	2548.03	0.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	53539.49	55242.80	53793.35	54191.88	1.70	ppb
Manganese	55-2	5193.16	5354.49	5274.73	5274.13	1.53	ppb
Molybdenum	94-1	5076.60	5038.88	5075.43	5063.63	0.42	ppb
Molybdenum	95-1	5097.20	5079.09	5113.83	5096.71	0.34	ppb
Molybdenum	96-1	5137.28	5071.62	5130.88	5113.26	0.71	ppb
Molybdenum	97-1	5100.46	5131.82	5118.78	5117.02	0.31	ppb
Molybdenum	98-1	5013.71	5063.18	5047.92	5041.60	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.08	510.61	509.39	506.03	1.37	ppb
Phosphorus	31-2	10331.86	10620.88	10508.07	10486.94	1.39	ppb
Potassium	39-2	26077.19	26522.32	26300.59	26300.03	0.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	495.77	501.18	508.35	501.77	1.26	ppb
Selenium	77-2	497.38	531.63	539.55	522.86	4.29	ppb
Selenium	78-2	513.18	512.32	520.04	515.18	0.82	ppb
Silicon	28-1	563.82	581.73	593.41	579.66	2.57	ppb
Silver	107-1	527.17	524.16	528.15	526.50	0.39	ppb
Silver	109-1	524.62	526.11	524.09	524.94	0.20	ppb
Sodium	23-2	52635.43	54390.35	53322.65	53449.48	1.65	ppb
Strontium	86-1	511.06	510.80	522.00	514.62	1.24	ppb
Strontium	88-1	503.24	509.47	518.80	510.50	1.53	ppb
Sulfur	34-1	11090.26	11304.03	11293.61	11229.30	1.07	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	507.37	519.96	518.66	515.33	1.34	ppb
Thallium	205-1	514.54	514.44	509.71	512.89	0.54	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	492.77	499.19	495.73	495.89	0.65	ppb
Tin	118-1	529.65	524.21	516.93	523.60	1.22	ppb
Titanium	47-1	5061.37	5175.28	5269.33	5168.66	2.01	ppb
Uranium	238-1	492.91	496.40	496.64	495.31	0.42	ppb
Vanadium	51-2	518.35	530.06	529.94	526.12	1.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5221.50	5248.36	5287.62	5252.49	0.63	ppb
Zirconium	90-1	503.95	503.86	510.15	505.98	0.71	ppb
Zirconium	91-1	501.84	500.78	508.54	503.72	0.83	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BL	Instrumnet Name :	P7
Client Sample ID :	PB144228BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:04:45	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.15	0.18	0.22	48.03	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	18.35	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	206.80	ppb
Barium	135-1	0.00	0.02	0.00	0.01	163.12	ppb
Barium	137-1	0.00	0.01	0.01	0.01	26.61	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	47.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	3.42	2.91	3.11	3.15	8.19	ppb
Boron	11-1	3.24	3.01	3.24	3.17	4.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	-0.09	-0.12	-0.05		ppb
Cadmium	106-1	0.69	-1.22	-1.62	-0.72		ppb
Cadmium	108-1	-0.07	-0.06	0.07	-0.02		ppb
Calcium	43-1	-1.90	-1.94	0.85	-1.00		ppb
Calcium	44-1	28.99	29.16	29.16	29.10	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.03	0.02	63.11	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	99.27	ppb
Copper	63-2	0.04	0.06	0.06	0.05	25.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	0.91	0.86	0.85	0.87	3.72	ppb
Iron	57-2	1.73	1.01	0.83	1.19	39.96	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BL	Instrumnet Name :	P7
Client Sample ID :	PB144228BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:04:45	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.89	1.28	0.97	1.38	34.03	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	14.68	ppb
Lead	207-1	0.04	0.04	0.03	0.04	14.08	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.38	0.42	0.52	0.44	16.00	ppb
Manganese	55-2	0.04	0.06	0.05	0.05	17.17	ppb
Molybdenum	94-1	0.04	0.04	0.06	0.04	26.92	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	20.43	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	5.14	ppb
Molybdenum	97-1	0.07	0.02	0.02	0.04	79.58	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	37.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-0.88	-8.69	-11.65	-7.07		ppb
Potassium	39-2	5.02	4.37	5.18	4.86	8.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.40	0.44	-0.14	0.23	141.11	ppb
Selenium	77-2	0.09	-0.05	0.09	0.04	181.35	ppb
Selenium	78-2	0.53	-0.23	0.41	0.24	172.51	ppb
Silicon	28-1	0.75	0.77	0.73	0.75	2.28	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.16	ppb
Silver	109-1	0.02	0.01	0.02	0.02	29.65	ppb
Sodium	23-2	15.29	15.58	15.30	15.39	1.07	ppb
Strontium	86-1	-0.07	0.07	0.13	0.04	232.63	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	31.63	ppb
Sulfur	34-1	-244.77	-243.22	-273.67	-253.89		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	15.66	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	29.96	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BL	Instrumnet Name :	P7
Client Sample ID :	PB144228BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:04:45	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	49.86	ppb
Tin	118-1	0.02	0.03	0.01	0.02	57.45	ppb
Titanium	47-1	0.03	0.01	0.02	0.02	34.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.07	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	282.15	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	0.08	0.12	0.03	0.08	60.42	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.51	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	87.52	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BS	Instrumnet Name :	P7
Client Sample ID :	PB144228BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:07:37	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10208.76	10269.03	10265.32	10247.70	0.33	ppb
Antimony	121-1	513.58	527.04	523.91	521.51	1.35	ppb
Arsenic	75-2	512.77	507.24	507.38	509.13	0.62	ppb
Barium	135-1	2571.03	2578.31	2592.16	2580.50	0.42	ppb
Barium	137-1	2594.97	2611.08	2587.41	2597.82	0.47	ppb
Beryllium	9-1	508.94	525.11	504.83	512.96	2.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	508.41	540.86	551.14	533.47	4.18	ppb
Boron	11-1	524.66	564.62	566.84	552.04	4.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	522.65	522.00	520.59	521.75	0.20	ppb
Cadmium	106-1	521.89	526.25	523.13	523.76	0.43	ppb
Cadmium	108-1	518.14	517.30	515.70	517.05	0.24	ppb
Calcium	43-1	50624.24	51818.02	52837.99	51760.08	2.14	ppb
Calcium	44-1	49791.90	50823.33	51317.31	50644.18	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.16	527.49	517.54	524.07	1.08	ppb
Cobalt	59-2	518.84	518.92	519.24	519.00	0.04	ppb
Copper	63-2	5226.83	5247.04	5168.07	5213.98	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	26808.87	27162.78	26360.95	26777.53	1.50	ppb
Iron	57-2	26796.44	26865.76	26728.21	26796.80	0.26	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BS	Instrumnet Name :	P7
Client Sample ID :	PB144228BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:07:37	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26738.70	27384.68	26757.66	26960.35	1.36	ppb
Krypton	83-1						cps
Lead	206-1	2549.08	2566.03	2586.26	2567.12	0.73	ppb
Lead	207-1	2514.21	2559.25	2560.13	2544.53	1.03	ppb
Lead	208-1	2534.61	2569.68	2564.82	2556.37	0.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	52278.97	53036.08	51539.49	52284.85	1.43	ppb
Manganese	55-2	5143.65	5270.28	5162.28	5192.07	1.32	ppb
Molybdenum	94-1	5141.46	5075.29	5152.48	5123.08	0.81	ppb
Molybdenum	95-1	5091.04	5059.35	5122.29	5090.90	0.62	ppb
Molybdenum	96-1	5087.03	5070.61	5203.83	5120.49	1.42	ppb
Molybdenum	97-1	5091.48	5076.95	5214.01	5127.48	1.47	ppb
Molybdenum	98-1	5084.37	5047.38	5170.65	5100.80	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.99	501.65	497.82	499.49	0.39	ppb
Phosphorus	31-2	10148.62	10344.01	10248.58	10247.07	0.95	ppb
Potassium	39-2	25886.07	25945.37	25614.86	25815.43	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	500.26	508.14	514.27	507.56	1.38	ppb
Selenium	77-2	506.87	507.34	504.23	506.15	0.33	ppb
Selenium	78-2	499.46	500.41	502.92	500.93	0.36	ppb
Silicon	28-1	567.17	578.24	580.24	575.22	1.22	ppb
Silver	107-1	528.76	520.91	527.00	525.56	0.78	ppb
Silver	109-1	530.82	522.68	531.95	528.48	0.96	ppb
Sodium	23-2	51921.02	52664.76	50985.47	51857.08	1.62	ppb
Strontium	86-1	511.96	515.76	516.29	514.67	0.46	ppb
Strontium	88-1	510.72	514.34	519.16	514.74	0.82	ppb
Sulfur	34-1	10766.20	10927.43	11101.82	10931.81	1.54	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	502.00	508.21	511.93	507.38	0.99	ppb
Thallium	205-1	508.19	516.53	509.45	511.39	0.88	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BS	Instrumnet Name :	P7
Client Sample ID :	PB144228BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:07:37	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	495.99	498.19	502.43	498.87	0.66	ppb
Tin	118-1	525.46	521.25	518.03	521.58	0.71	ppb
Titanium	47-1	5096.57	5210.96	5130.22	5145.92	1.14	ppb
Uranium	238-1	489.14	493.63	495.09	492.62	0.63	ppb
Vanadium	51-2	522.15	530.79	523.39	525.44	0.89	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	5222.39	5206.42	5114.57	5181.12	1.12	ppb
Zirconium	90-1	512.44	512.68	511.01	512.04	0.18	ppb
Zirconium	91-1	510.24	505.45	514.71	510.13	0.91	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17867.85	17781.71	17791.82	17813.79	0.26	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	9.14	ppb
Arsenic	75-2	1.38	1.34	1.39	1.37	1.71	ppb
Barium	135-1	180.80	182.84	178.97	180.87	1.07	ppb
Barium	137-1	181.68	183.80	180.62	182.03	0.89	ppb
Beryllium	9-1	1.77	1.63	1.73	1.71	4.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	4.76	4.85	4.34	4.65	5.88	ppb
Boron	11-1	4.47	4.48	4.77	4.57	3.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	-0.01	0.06	0.05	115.55	ppb
Cadmium	106-1	1.02	-0.23	0.60	0.46	137.60	ppb
Cadmium	108-1	0.17	0.47	0.41	0.35	45.62	ppb
Calcium	43-1	1669.06	1698.92	1719.98	1695.99	1.51	ppb
Calcium	44-1	1652.11	1662.91	1665.41	1660.14	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.05	19.11	18.96	19.04	0.41	ppb
Cobalt	59-2	7.39	7.32	7.32	7.34	0.56	ppb
Copper	63-2	362.20	360.70	362.06	361.65	0.23	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				106		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	14631.22	14545.19	14657.11	14611.18	0.40	ppb
Iron	57-2	14696.21	14608.67	14821.15	14708.68	0.73	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14721.20	14536.18	14441.77	14566.38	0.98	ppb
Krypton	83-1						cps
Lead	206-1	7.11	7.35	7.26	7.24	1.71	ppb
Lead	207-1	6.16	6.48	6.52	6.39	3.06	ppb
Lead	208-1	6.57	6.81	6.80	6.73	1.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	6022.26	5947.84	5941.09	5970.40	0.75	ppb
Manganese	55-2	321.95	316.96	318.41	319.10	0.80	ppb
Molybdenum	94-1	7.53	7.79	7.90	7.74	2.50	ppb
Molybdenum	95-1	0.50	0.53	0.49	0.51	4.03	ppb
Molybdenum	96-1	1.35	1.39	1.37	1.37	1.32	ppb
Molybdenum	97-1	0.54	0.53	0.52	0.53	1.72	ppb
Molybdenum	98-1	0.51	0.54	0.54	0.53	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.68	12.94	12.85	12.82	1.01	ppb
Phosphorus	31-2	219.08	201.42	208.98	209.83	4.22	ppb
Potassium	39-2	2383.95	2420.81	2350.01	2384.92	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	82-1	-0.08	0.07	1.44	0.48	175.71	ppb
Selenium	77-2	11.41	10.93	10.81	11.05	2.91	ppb
Selenium	78-2	2.52	2.35	2.52	2.46	4.12	ppb
Silicon	28-1	214.68	240.23	273.96	242.96	12.24	ppb
Silver	107-1	0.10	0.10	0.11	0.10	5.53	ppb
Silver	109-1	0.08	0.09	0.10	0.09	12.35	ppb
Sodium	23-2	100.24	101.38	99.26	100.29	1.06	ppb
Strontium	86-1	7.98	8.11	8.27	8.12	1.79	ppb
Strontium	88-1	8.18	8.26	8.27	8.24	0.60	ppb
Sulfur	34-1	-769.21	-940.75	-1049.55	-919.84		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.15	0.13	0.13	8.85	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	5.10	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.76	7.88	7.86	7.83	0.80	ppb
Tin	118-1	0.81	0.77	0.80	0.79	3.13	ppb
Titanium	47-1	219.72	209.61	233.39	220.91	5.40	ppb
Uranium	238-1	2.34	2.33	2.39	2.36	1.39	ppb
Vanadium	51-2	22.96	22.66	22.48	22.70	1.07	ppb
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	55.54	55.34	54.34	55.07	1.16	ppb
Zirconium	90-1	4.11	4.07	4.12	4.10	0.60	ppb
Zirconium	91-1	4.19	5.34	4.13	4.55	14.94	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13741.04	13474.76	13627.97	13614.59	0.98	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.63	ppb
Arsenic	75-2	5.26	5.04	5.36	5.22	3.12	ppb
Barium	135-1	162.90	163.98	160.36	162.42	1.14	ppb
Barium	137-1	162.50	164.89	162.33	163.24	0.88	ppb
Beryllium	9-1	3.95	4.03	4.19	4.05	3.06	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	3.08	3.27	3.43	3.26	5.43	ppb
Boron	11-1	3.42	3.45	3.28	3.38	2.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.18	0.01	-0.01	0.06	171.37	ppb
Cadmium	106-1	1.95	0.01	-0.37	0.53	234.42	ppb
Cadmium	108-1	0.27	0.45	0.55	0.42	33.69	ppb
Calcium	43-1	998.87	956.25	989.34	981.49	2.28	ppb
Calcium	44-1	986.66	975.18	975.45	979.10	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.66	24.84	24.83	24.78	0.41	ppb
Cobalt	59-2	15.44	15.53	15.54	15.50	0.34	ppb
Copper	63-2	798.14	806.18	806.61	803.64	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	32450.70	32797.16	32509.55	32585.80	0.57	ppb
Iron	57-2	32284.49	32521.82	31934.27	32246.86	0.92	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	32284.95	32316.94	32309.86	32303.92	0.05	ppb
Krypton	83-1						cps
Lead	206-1	12.70	12.67	12.71	12.69	0.16	ppb
Lead	207-1	11.30	11.24	11.36	11.30	0.53	ppb
Lead	208-1	11.88	11.90	11.97	11.92	0.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	3431.44	3450.44	3487.55	3456.48	0.83	ppb
Manganese	55-2	728.32	731.35	735.54	731.74	0.49	ppb
Molybdenum	94-1	8.26	8.58	8.17	8.34	2.60	ppb
Molybdenum	95-1	0.35	0.32	0.35	0.34	4.90	ppb
Molybdenum	96-1	1.28	1.30	1.29	1.29	0.70	ppb
Molybdenum	97-1	0.30	0.33	0.38	0.34	11.44	ppb
Molybdenum	98-1	0.33	0.36	0.32	0.33	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.36	9.26	9.30	9.31	0.57	ppb
Phosphorus	31-2	1222.38	1249.20	1210.56	1227.38	1.61	ppb
Potassium	39-2	1641.53	1671.54	1670.49	1661.18	1.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	0.92	-0.08	0.25	0.36	141.43	ppb
Selenium	77-2	10.79	10.74	10.49	10.67	1.55	ppb
Selenium	78-2	2.51	1.97	1.70	2.06	19.80	ppb
Silicon	28-1	132.18	170.50	172.90	158.53	14.41	ppb
Silver	107-1	0.12	0.14	0.13	0.13	8.10	ppb
Silver	109-1	0.11	0.12	0.14	0.12	10.86	ppb
Sodium	23-2	163.07	163.66	165.41	164.05	0.74	ppb
Strontium	86-1	5.69	5.70	5.64	5.68	0.61	ppb
Strontium	88-1	5.95	5.91	5.90	5.92	0.42	ppb
Sulfur	34-1	-1104.21	-1141.55	-1153.32	-1133.03		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.11	0.12	0.12	0.35	ppb
Thallium	205-1	0.10	0.12	0.09	0.10	10.91	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.37	7.49	7.49	7.45	0.95	ppb
Tin	118-1	0.67	0.64	0.67	0.66	2.51	ppb
Titanium	47-1	207.62	198.86	204.37	203.61	2.18	ppb
Uranium	238-1	5.84	5.81	5.82	5.82	0.27	ppb
Vanadium	51-2	58.17	58.77	58.64	58.53	0.54	ppb
Yttrium	89-1				114		%
Yttrium	89-2				117		%
Zinc	66-2	30.51	31.05	31.91	31.16	2.26	ppb
Zirconium	90-1	4.41	4.81	4.80	4.67	4.86	ppb
Zirconium	91-1	4.36	4.40	4.58	4.45	2.62	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12561.41	12214.31	12501.96	12425.89	1.49	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	18.24	ppb
Arsenic	75-2	0.98	1.11	0.89	1.00	10.90	ppb
Barium	135-1	222.64	229.14	222.20	224.66	1.73	ppb
Barium	137-1	224.12	227.86	222.33	224.77	1.26	ppb
Beryllium	9-1	1.20	1.15	1.13	1.16	3.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	3.51	3.34	2.69	3.18	13.59	ppb
Boron	11-1	3.02	2.93	3.16	3.03	3.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.13	-0.03	0.04	0.05	164.89	ppb
Cadmium	106-1	1.33	-0.45	0.17	0.35	259.22	ppb
Cadmium	108-1	0.13	0.28	0.19	0.20	38.57	ppb
Calcium	43-1	1344.45	1345.67	1393.42	1361.18	2.05	ppb
Calcium	44-1	1342.82	1373.83	1366.90	1361.18	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.92	17.51	17.84	17.76	1.23	ppb
Cobalt	59-2	6.51	6.47	6.50	6.50	0.31	ppb
Copper	63-2	559.47	556.16	572.72	562.79	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	8837.74	8672.07	8744.59	8751.47	0.95	ppb
Iron	57-2	8817.83	8477.48	8851.62	8715.64	2.37	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	8818.37	8692.13	8722.05	8744.18	0.75	ppb
Krypton	83-1						cps
Lead	206-1	14.34	14.02	14.22	14.19	1.14	ppb
Lead	207-1	12.90	12.94	13.20	13.02	1.27	ppb
Lead	208-1	13.64	13.49	13.69	13.60	0.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	3803.06	3756.06	3774.58	3777.90	0.63	ppb
Manganese	55-2	170.83	166.56	169.59	168.99	1.30	ppb
Molybdenum	94-1	6.01	7.50	6.51	6.67	11.34	ppb
Molybdenum	95-1	0.66	0.62	0.65	0.64	3.59	ppb
Molybdenum	96-1	1.27	1.21	1.63	1.37	16.58	ppb
Molybdenum	97-1	0.55	0.63	0.63	0.61	7.83	ppb
Molybdenum	98-1	0.63	0.64	0.59	0.62	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.89	11.64	11.78	11.77	1.07	ppb
Phosphorus	31-2	119.68	93.60	106.05	106.44	12.25	ppb
Potassium	39-2	2404.94	2371.07	2409.95	2395.32	0.88	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	1.05	-0.18	-0.34	0.18	426.93	ppb
Selenium	77-2	9.32	8.07	10.92	9.44	15.11	ppb
Selenium	78-2	0.73	1.30	1.15	1.06	27.58	ppb
Silicon	28-1	172.02	188.42	176.97	179.13	4.70	ppb
Silver	107-1	0.08	0.07	0.09	0.08	7.68	ppb
Silver	109-1	0.07	0.08	0.08	0.08	6.52	ppb
Sodium	23-2	443.42	425.77	438.69	435.96	2.10	ppb
Strontium	86-1	7.06	6.89	6.92	6.96	1.34	ppb
Strontium	88-1	7.11	7.20	7.01	7.11	1.35	ppb
Sulfur	34-1	-1390.57	-1314.04	-1341.46	-1348.69		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.16	0.15	0.16	2.80	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	2.19	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.54	6.68	6.77	6.66	1.72	ppb
Tin	118-1	0.49	0.43	0.47	0.46	5.66	ppb
Titanium	47-1	279.01	320.38	282.45	293.95	7.81	ppb
Uranium	238-1	1.55	1.57	1.56	1.56	0.60	ppb
Vanadium	51-2	17.48	17.00	17.66	17.38	1.96	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	30.25	29.91	30.23	30.13	0.63	ppb
Zirconium	90-1	3.18	3.14	3.18	3.16	0.74	ppb
Zirconium	91-1	3.09	3.24	3.07	3.14	2.96	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18339.31	18763.19	18670.86	18591.12	1.20	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.22	ppb
Arsenic	75-2	4.44	4.40	4.38	4.40	0.62	ppb
Barium	135-1	304.59	321.40	329.72	318.57	4.02	ppb
Barium	137-1	310.65	332.27	333.87	325.60	3.98	ppb
Beryllium	9-1	4.00	4.28	4.20	4.16	3.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	2.83	3.48	3.41	3.24	10.95	ppb
Boron	11-1	3.21	3.41	3.51	3.38	4.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.38	0.43	0.31	0.37	15.64	ppb
Cadmium	106-1	2.31	2.73	1.54	2.19	27.58	ppb
Cadmium	108-1	0.82	0.71	1.00	0.84	17.24	ppb
Calcium	43-1	2809.81	3015.88	3090.48	2972.06	4.89	ppb
Calcium	44-1	2696.36	2885.89	2945.51	2842.58	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.86	23.55	23.56	23.66	0.75	ppb
Cobalt	59-2	19.42	19.29	19.07	19.26	0.92	ppb
Copper	63-2	286.70	282.79	282.27	283.92	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	40996.40	41160.23	40516.35	40890.99	0.82	ppb
Iron	57-2	40561.54	40334.92	40800.97	40565.81	0.57	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	40491.09	40460.01	40596.09	40515.73	0.18	ppb
Krypton	83-1						cps
Lead	206-1	40.62	43.67	44.35	42.88	4.63	ppb
Lead	207-1	37.88	40.60	40.81	39.77	4.11	ppb
Lead	208-1	39.38	42.05	42.48	41.30	4.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	8999.24	9171.43	9142.30	9104.33	1.01	ppb
Manganese	55-2	1653.09	1661.95	1650.51	1655.19	0.36	ppb
Molybdenum	94-1	12.10	13.04	13.13	12.76	4.44	ppb
Molybdenum	95-1	0.17	0.16	0.17	0.17	5.00	ppb
Molybdenum	96-1	1.60	1.66	1.72	1.66	3.66	ppb
Molybdenum	97-1	0.12	0.17	0.14	0.15	17.92	ppb
Molybdenum	98-1	0.14	0.16	0.15	0.15	6.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.44	34.33	33.94	34.23	0.77	ppb
Phosphorus	31-2	427.82	444.94	425.71	432.82	2.44	ppb
Potassium	39-2	7165.55	7096.46	7100.99	7121.00	0.54	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	-0.07	0.42	-0.41	-0.02		ppb
Selenium	77-2	13.03	13.18	11.07	12.43	9.46	ppb
Selenium	78-2	1.83	1.41	2.08	1.78	19.20	ppb
Silicon	28-1	117.75	131.10	134.00	127.62	6.79	ppb
Silver	107-1	0.05	0.05	0.06	0.06	11.44	ppb
Silver	109-1	0.04	0.05	0.05	0.05	13.90	ppb
Sodium	23-2	370.33	371.69	372.99	371.67	0.36	ppb
Strontium	86-1	12.76	13.58	13.78	13.37	4.04	ppb
Strontium	88-1	12.97	13.59	13.78	13.45	3.14	ppb
Sulfur	34-1	-1546.71	-1329.70	-1294.20	-1390.20		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.42	0.47	0.47	0.45	6.56	ppb
Thallium	205-1	0.42	0.44	0.46	0.44	4.77	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	10.37	11.18	11.17	10.91	4.26	ppb
Tin	118-1	0.67	0.68	0.69	0.68	0.93	ppb
Titanium	47-1	399.47	426.72	434.33	420.17	4.36	ppb
Uranium	238-1	1.24	1.36	1.35	1.32	5.23	ppb
Vanadium	51-2	33.01	32.96	32.54	32.84	0.78	ppb
Yttrium	89-1				120		%
Yttrium	89-2				120		%
Zinc	66-2	67.99	66.64	67.38	67.34	1.01	ppb
Zirconium	90-1	6.75	7.12	7.14	7.00	3.14	ppb
Zirconium	91-1	6.85	7.13	7.26	7.08	2.94	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20713.92	21013.27	20528.41	20751.87	1.18	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.45	ppb
Arsenic	75-2	3.81	3.91	3.82	3.85	1.42	ppb
Barium	135-1	182.12	179.95	179.94	180.67	0.69	ppb
Barium	137-1	182.22	180.82	181.72	181.59	0.39	ppb
Beryllium	9-1	1.68	1.61	1.67	1.65	2.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	2.83	3.02	2.74	2.86	4.87	ppb
Boron	11-1	2.54	2.93	2.90	2.79	7.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.11	0.11	0.10	11.85	ppb
Cadmium	106-1	0.82	0.95	0.87	0.88	7.49	ppb
Cadmium	108-1	0.46	0.37	0.46	0.43	11.82	ppb
Calcium	43-1	1788.62	1797.31	1788.39	1791.44	0.28	ppb
Calcium	44-1	1763.01	1723.24	1766.18	1750.81	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.24	23.30	22.69	23.08	1.46	ppb
Cobalt	59-2	12.16	12.35	12.10	12.21	1.06	ppb
Copper	63-2	531.43	528.48	521.57	527.16	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	26743.83	26749.12	26389.58	26627.51	0.77	ppb
Iron	57-2	26538.68	26751.58	26028.60	26439.62	1.41	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26813.73	26806.62	26372.90	26664.42	0.95	ppb
Krypton	83-1						cps
Lead	206-1	9.07	9.20	9.28	9.19	1.16	ppb
Lead	207-1	8.00	8.19	8.38	8.19	2.28	ppb
Lead	208-1	8.52	8.69	8.79	8.67	1.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	7364.54	7542.53	7324.26	7410.44	1.57	ppb
Manganese	55-2	698.26	697.40	683.93	693.19	1.16	ppb
Molybdenum	94-1	9.99	10.61	10.22	10.27	3.04	ppb
Molybdenum	95-1	0.31	0.28	0.28	0.29	5.42	ppb
Molybdenum	96-1	1.39	1.40	1.46	1.42	2.94	ppb
Molybdenum	97-1	0.25	0.21	0.24	0.23	9.09	ppb
Molybdenum	98-1	0.26	0.28	0.28	0.27	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.64	19.83	19.51	19.66	0.81	ppb
Phosphorus	31-2	587.16	550.27	545.25	560.89	4.08	ppb
Potassium	39-2	2530.76	2530.93	2477.05	2512.91	1.24	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	0.17	0.07	0.33	0.19	69.29	ppb
Selenium	77-2	13.34	11.79	12.66	12.59	6.19	ppb
Selenium	78-2	2.20	1.78	1.90	1.96	11.08	ppb
Silicon	28-1	128.66	131.34	141.71	133.91	5.15	ppb
Silver	107-1	0.10	0.12	0.13	0.12	12.24	ppb
Silver	109-1	0.10	0.10	0.13	0.11	11.81	ppb
Sodium	23-2	127.21	127.68	125.70	126.86	0.81	ppb
Strontium	86-1	8.70	9.05	9.11	8.95	2.43	ppb
Strontium	88-1	9.14	9.31	9.20	9.22	0.96	ppb
Sulfur	34-1	-1429.57	-1423.78	-1441.20	-1431.52		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.13	0.16	0.15	13.85	ppb
Thallium	205-1	0.15	0.16	0.15	0.15	1.39	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	9.38	9.45	9.50	9.44	0.65	ppb
Tin	118-1	0.63	0.59	0.58	0.60	4.59	ppb
Titanium	47-1	303.27	304.28	298.21	301.92	1.08	ppb
Uranium	238-1	3.30	3.27	3.33	3.30	0.84	ppb
Vanadium	51-2	32.23	32.18	31.61	32.00	1.08	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	67.00	66.82	66.21	66.68	0.62	ppb
Zirconium	90-1	5.54	5.66	5.50	5.57	1.49	ppb
Zirconium	91-1	5.58	5.78	5.66	5.67	1.78	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50843.34	50564.40	50315.46	50574.40	0.52	ppb
Antimony	121-1	513.00	517.78	517.26	516.01	0.51	ppb
Arsenic	75-2	491.74	491.43	487.68	490.28	0.46	ppb
Barium	135-1	2515.81	2514.41	2534.20	2521.47	0.44	ppb
Barium	137-1	2538.08	2529.58	2546.32	2537.99	0.33	ppb
Beryllium	9-1	529.02	521.25	532.62	527.63	1.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	478.22	485.68	511.18	491.70	3.51	ppb
Boron	11-1	492.03	489.49	518.93	500.15	3.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.08	505.14	502.07	504.10	0.35	ppb
Cadmium	106-1	505.76	505.59	507.29	506.21	0.18	ppb
Cadmium	108-1	511.78	509.89	509.73	510.47	0.22	ppb
Calcium	43-1	245021.96	244863.79	249549.92	246478.56	1.08	ppb
Calcium	44-1	240686.58	243609.35	247497.25	243931.06	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.35	507.19	494.16	501.57	1.33	ppb
Cobalt	59-2	491.70	480.95	490.39	487.68	1.20	ppb
Copper	63-2	4823.67	4783.40	4755.57	4787.55	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	126454.79	124931.16	123158.05	124848.00	1.32	ppb
Iron	57-2	125714.94	124794.84	126282.77	125597.52	0.60	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127756.14	124683.22	123320.88	125253.41	1.81	ppb
Krypton	83-1						cps
Lead	206-1	2557.75	2551.00	2557.26	2555.34	0.15	ppb
Lead	207-1	2555.12	2526.22	2534.17	2538.50	0.59	ppb
Lead	208-1	2555.93	2531.86	2555.67	2547.82	0.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	252651.65	252758.69	251353.85	252254.73	0.31	ppb
Manganese	55-2	4982.22	4924.62	4884.89	4930.58	0.99	ppb
Molybdenum	94-1	5030.96	4995.86	5045.72	5024.18	0.51	ppb
Molybdenum	95-1	4977.84	5005.91	5031.11	5004.95	0.53	ppb
Molybdenum	96-1	5042.31	5017.53	5044.54	5034.79	0.30	ppb
Molybdenum	97-1	5012.72	4977.14	5111.75	5033.87	1.39	ppb
Molybdenum	98-1	5027.97	4983.56	5101.40	5037.64	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.64	469.34	463.92	466.63	0.58	ppb
Phosphorus	31-2	10223.89	10118.72	10177.27	10173.29	0.52	ppb
Potassium	39-2	126415.00	126256.21	126967.58	126546.27	0.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	485.25	477.40	486.76	483.14	1.04	ppb
Selenium	77-2	505.17	492.46	485.20	494.28	2.04	ppb
Selenium	78-2	483.81	484.88	479.36	482.68	0.61	ppb
Silicon	28-1	466.25	469.40	487.82	474.49	2.46	ppb
Silver	107-1	504.04	516.08	502.98	507.70	1.43	ppb
Silver	109-1	503.69	502.03	502.75	502.83	0.17	ppb
Sodium	23-2	252638.94	248883.85	249030.79	250184.53	0.85	ppb
Strontium	86-1	502.71	497.32	496.20	498.74	0.70	ppb
Strontium	88-1	500.71	496.05	506.07	500.94	1.00	ppb
Sulfur	34-1	10724.49	10388.43	10901.74	10671.55	2.44	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	509.03	500.79	512.57	507.46	1.19	ppb
Thallium	205-1	514.51	508.66	514.39	512.52	0.65	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	514.49	508.58	511.07	511.38	0.58	ppb
Tin	118-1	505.83	509.21	509.84	508.29	0.42	ppb
Titanium	47-1	4970.89	5003.00	5052.45	5008.78	0.82	ppb
Uranium	238-1	508.38	507.66	508.17	508.07	0.07	ppb
Vanadium	51-2	508.14	506.81	510.59	508.52	0.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	4742.36	4790.69	4686.28	4739.78	1.10	ppb
Zirconium	90-1	505.04	502.59	504.93	504.19	0.27	ppb
Zirconium	91-1	504.48	505.13	510.23	506.61	0.62	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:41:38	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	1.11	1.26	1.22	7.48	ppb
Antimony	121-1	0.20	0.21	0.21	0.21	1.75	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.16	0.16	0.17	0.16	5.26	ppb
Barium	137-1	0.18	0.18	0.13	0.16	18.16	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	7.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	12.01	10.43	10.01	10.82	9.77	ppb
Boron	11-1	11.89	10.89	9.99	10.92	8.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.12	0.09	0.09	27.92	ppb
Cadmium	106-1	0.20	1.06	0.78	0.68	64.78	ppb
Cadmium	108-1	0.13	0.16	0.15	0.15	9.30	ppb
Calcium	43-1	11.96	5.74	7.62	8.44	37.77	ppb
Calcium	44-1	35.46	35.77	39.41	36.88	5.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.01	0.01	42.39	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	64.12	ppb
Copper	63-2	0.15	0.14	0.13	0.14	8.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	3.25	3.08	2.96	3.10	4.82	ppb
Iron	57-2	2.80	2.77	3.37	2.98	11.33	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:41:38	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.46	2.94	3.17	3.19	8.23	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.14	0.15	0.16	7.35	ppb
Lead	207-1	0.18	0.14	0.12	0.15	18.13	ppb
Lead	208-1	0.16	0.14	0.14	0.15	8.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.35	4.49	4.86	4.90	8.74	ppb
Manganese	55-2	0.14	0.11	0.10	0.12	17.25	ppb
Molybdenum	94-1	0.29	0.22	0.23	0.25	15.80	ppb
Molybdenum	95-1	0.25	0.24	0.18	0.23	18.36	ppb
Molybdenum	96-1	0.30	0.26	0.20	0.25	18.38	ppb
Molybdenum	97-1	0.27	0.24	0.20	0.23	14.16	ppb
Molybdenum	98-1	0.25	0.25	0.22	0.24	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-13.27	-22.66	-11.94	-15.96		ppb
Potassium	39-2	29.06	24.07	20.08	24.40	18.44	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	-0.20	-0.09	-1.27	-0.52		ppb
Selenium	77-2	0.09	0.08	0.08	0.08	0.44	ppb
Selenium	78-2	0.91	0.22	0.09	0.41	107.82	ppb
Silicon	28-1	1.27	1.16	1.34	1.26	6.97	ppb
Silver	107-1	0.10	0.09	0.08	0.09	11.66	ppb
Silver	109-1	0.09	0.10	0.08	0.09	7.39	ppb
Sodium	23-2	53.54	51.03	49.42	51.33	4.05	ppb
Strontium	86-1	0.07	0.03	0.08	0.06	41.24	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	6.58	ppb
Sulfur	34-1	-296.56	-303.61	-79.06	-226.41		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.03	0.05	36.96	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	9.33	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:41:38	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.01	0.02	12.57	ppb
Tin	118-1	0.15	0.17	0.14	0.15	10.38	ppb
Titanium	47-1	0.12	0.10	0.08	0.10	23.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	35.47	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	97.66	ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	0.32	0.27	0.30	0.29	8.93	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	8.54	ppb
Zirconium	91-1	0.03	0.05	0.02	0.03	45.73	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15948.45	15665.21	15795.29	15802.98	0.90	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	8.06	ppb
Arsenic	75-2	0.90	0.89	1.02	0.94	7.88	ppb
Barium	135-1	249.65	248.40	247.70	248.58	0.40	ppb
Barium	137-1	252.00	248.85	248.42	249.76	0.78	ppb
Beryllium	9-1	1.46	1.59	1.43	1.49	5.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	3.05	2.93	2.88	2.95	2.93	ppb
Boron	11-1	2.76	2.70	2.87	2.78	3.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	-0.01	-0.09	-0.02		ppb
Cadmium	106-1	0.18	-0.44	-1.78	-0.68		ppb
Cadmium	108-1	0.29	0.34	0.31	0.31	7.89	ppb
Calcium	43-1	1199.53	1209.49	1196.04	1201.69	0.58	ppb
Calcium	44-1	1188.94	1209.91	1201.53	1200.13	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.48	15.63	15.71	15.61	0.77	ppb
Cobalt	59-2	9.78	9.98	9.85	9.87	1.02	ppb
Copper	63-2	587.15	578.60	581.54	582.43	0.75	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				109		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	18744.11	18903.39	18762.46	18803.32	0.46	ppb
Iron	57-2	18676.40	18953.39	18827.88	18819.23	0.74	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	18806.69	18646.72	18905.24	18786.21	0.69	ppb
Krypton	83-1						cps
Lead	206-1	3.39	3.41	3.36	3.39	0.68	ppb
Lead	207-1	2.91	2.92	2.86	2.89	1.14	ppb
Lead	208-1	3.13	3.18	3.13	3.15	0.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	8274.09	8087.47	8292.67	8218.08	1.38	ppb
Manganese	55-2	658.24	655.83	655.32	656.46	0.24	ppb
Molybdenum	94-1	6.67	6.82	6.68	6.72	1.29	ppb
Molybdenum	95-1	0.24	0.28	0.24	0.25	7.91	ppb
Molybdenum	96-1	1.06	0.99	1.08	1.04	4.47	ppb
Molybdenum	97-1	0.24	0.25	0.26	0.25	4.59	ppb
Molybdenum	98-1	0.24	0.27	0.27	0.26	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.55	15.67	15.83	15.68	0.90	ppb
Phosphorus	31-2	341.98	331.71	322.15	331.95	2.99	ppb
Potassium	39-2	1364.51	1387.72	1386.74	1379.66	0.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	82-1	0.57	0.55	-0.21	0.30	146.90	ppb
Selenium	77-2	7.04	9.15	8.01	8.07	13.12	ppb
Selenium	78-2	0.92	1.40	1.27	1.20	21.03	ppb
Silicon	28-1	113.04	121.15	94.76	109.65	12.32	ppb
Silver	107-1	0.05	0.05	0.06	0.05	12.17	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.90	ppb
Sodium	23-2	96.29	74.09	72.73	81.04	16.32	ppb
Strontium	86-1	10.61	10.80	10.67	10.69	0.91	ppb
Strontium	88-1	10.92	11.05	11.06	11.01	0.70	ppb
Sulfur	34-1	-563.09	-702.34	-683.90	-649.78		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.05	0.06	0.06	9.66	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	12.93	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	11.01	11.28	11.15	11.15	1.22	ppb
Tin	118-1	0.84	0.77	0.83	0.81	4.72	ppb
Titanium	47-1	71.24	68.37	66.98	68.86	3.15	ppb
Uranium	238-1	1.66	1.66	1.66	1.66	0.08	ppb
Vanadium	51-2	21.76	21.84	22.07	21.89	0.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				117		%
Zinc	66-2	50.00	48.85	49.72	49.53	1.21	ppb
Zirconium	90-1	3.61	3.63	3.66	3.63	0.69	ppb
Zirconium	91-1	3.75	3.71	3.73	3.73	0.57	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10372.25	10400.79	10227.84	10333.63	0.90	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	28.47	ppb
Arsenic	75-2	1.48	1.44	1.47	1.46	1.29	ppb
Barium	135-1	226.64	228.53	224.60	226.59	0.87	ppb
Barium	137-1	228.18	231.31	228.26	229.25	0.78	ppb
Beryllium	9-1	1.53	1.50	1.50	1.51	1.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	2.24	2.23	2.59	2.36	8.71	ppb
Boron	11-1	2.24	2.40	2.29	2.31	3.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.08	0.05	0.08	33.00	ppb
Cadmium	106-1	1.26	0.91	0.38	0.85	51.94	ppb
Cadmium	108-1	0.31	0.33	0.14	0.26	40.21	ppb
Calcium	43-1	1618.93	1607.52	1610.84	1612.43	0.36	ppb
Calcium	44-1	1564.71	1565.14	1552.81	1560.89	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.68	19.82	19.85	19.79	0.46	ppb
Cobalt	59-2	6.86	6.79	6.89	6.85	0.71	ppb
Copper	63-2	412.29	406.14	410.49	409.64	0.77	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				109		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	56-2	12331.19	12077.78	12327.81	12245.60	1.19	ppb
Iron	57-2	12117.91	12141.80	12492.87	12250.86	1.71	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12115.22	12141.24	12149.75	12135.41	0.15	ppb
Krypton	83-1						cps
Lead	206-1	3.26	3.40	3.31	3.32	2.13	ppb
Lead	207-1	2.96	2.89	2.95	2.93	1.39	ppb
Lead	208-1	3.10	3.17	3.15	3.14	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	4807.15	4814.69	4764.30	4795.38	0.57	ppb
Manganese	55-2	398.96	385.75	396.11	393.61	1.77	ppb
Molybdenum	94-1	6.39	6.45	6.45	6.43	0.55	ppb
Molybdenum	95-1	0.72	0.77	0.74	0.74	3.22	ppb
Molybdenum	96-1	1.38	1.37	1.43	1.39	2.22	ppb
Molybdenum	97-1	0.73	0.62	0.74	0.70	9.32	ppb
Molybdenum	98-1	0.75	0.70	0.73	0.73	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.95	9.80	9.74	9.83	1.10	ppb
Phosphorus	31-2	544.33	534.55	508.03	528.97	3.55	ppb
Potassium	39-2	970.66	953.72	969.96	964.78	0.99	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	-1.13	0.14	0.55	-0.14		ppb
Selenium	77-2	8.51	7.22	9.38	8.37	12.95	ppb
Selenium	78-2	2.62	1.30	2.10	2.01	33.02	ppb
Silicon	28-1	284.76	70.38	93.71	149.62	78.61	ppb
Silver	107-1	0.05	0.07	0.09	0.07	21.94	ppb
Silver	109-1	0.08	0.05	0.06	0.06	17.56	ppb
Sodium	23-2	139.32	136.15	134.63	136.70	1.75	ppb
Strontium	86-1	7.49	7.80	7.70	7.66	2.05	ppb
Strontium	88-1	7.70	7.75	7.62	7.69	0.86	ppb
Sulfur	34-1	-1000.59	-1052.57	-1060.94	-1038.03		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.03	0.05	0.04	37.76	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	7.47	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	11.43	11.58	11.47	11.49	0.64	ppb
Tin	118-1	0.70	0.72	0.71	0.71	1.42	ppb
Titanium	47-1	134.16	134.50	134.31	134.32	0.13	ppb
Uranium	238-1	3.26	3.32	3.32	3.30	1.02	ppb
Vanadium	51-2	16.62	16.58	16.62	16.61	0.17	ppb
Yttrium	89-1				115		%
Yttrium	89-2				117		%
Zinc	66-2	32.91	33.63	33.73	33.42	1.35	ppb
Zirconium	90-1	3.52	3.23	3.20	3.32	5.33	ppb
Zirconium	91-1	3.25	3.28	3.31	3.28	0.82	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22558.11	22442.46	22605.35	22535.31	0.37	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	19.38	ppb
Arsenic	75-2	1.85	1.82	1.78	1.82	2.16	ppb
Barium	135-1	251.96	251.87	249.88	251.24	0.47	ppb
Barium	137-1	251.39	249.56	252.37	251.11	0.57	ppb
Beryllium	9-1	4.52	4.37	4.39	4.43	1.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	3.55	2.90	3.16	3.21	10.19	ppb
Boron	11-1	3.18	3.51	3.33	3.34	4.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.25	0.20	0.24	0.23	11.24	ppb
Cadmium	106-1	2.11	1.60	1.87	1.86	13.69	ppb
Cadmium	108-1	0.93	0.62	0.77	0.77	20.28	ppb
Calcium	43-1	3345.84	3288.93	3335.41	3323.39	0.91	ppb
Calcium	44-1	3199.64	3190.18	3214.91	3201.58	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.19	29.53	29.92	29.88	1.11	ppb
Cobalt	59-2	17.26	17.29	17.60	17.38	1.06	ppb
Copper	63-2	191.96	188.31	190.39	190.22	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	34099.01	34164.45	34111.30	34124.92	0.10	ppb
Iron	57-2	33996.93	34143.33	34462.87	34201.05	0.70	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	34740.04	34042.61	33705.39	34162.68	1.54	ppb
Krypton	83-1						cps
Lead	206-1	49.15	49.75	49.79	49.56	0.72	ppb
Lead	207-1	45.78	45.52	45.76	45.69	0.32	ppb
Lead	208-1	47.00	47.50	47.61	47.37	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	9733.17	9893.19	9811.02	9812.46	0.82	ppb
Manganese	55-2	488.73	486.45	480.99	485.39	0.82	ppb
Molybdenum	94-1	14.71	14.51	14.31	14.51	1.38	ppb
Molybdenum	95-1	0.24	0.22	0.20	0.22	10.80	ppb
Molybdenum	96-1	1.94	1.86	1.90	1.90	2.05	ppb
Molybdenum	97-1	0.23	0.24	0.20	0.22	8.92	ppb
Molybdenum	98-1	0.21	0.22	0.21	0.21	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.59	38.48	38.52	38.53	0.15	ppb
Phosphorus	31-2	123.77	127.55	131.43	127.59	3.00	ppb
Potassium	39-2	8661.92	8610.51	8749.35	8673.93	0.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	0.58	0.94	1.24	0.92	35.73	ppb
Selenium	77-2	15.56	13.58	14.07	14.40	7.15	ppb
Selenium	78-2	2.00	2.50	2.20	2.23	11.18	ppb
Silicon	28-1	71.17	59.15	61.13	63.82	10.10	ppb
Silver	107-1	0.06	0.07	0.06	0.06	9.03	ppb
Silver	109-1	0.06	0.04	0.06	0.06	18.06	ppb
Sodium	23-2	360.72	365.18	361.69	362.53	0.65	ppb
Strontium	86-1	17.90	18.29	18.06	18.08	1.08	ppb
Strontium	88-1	18.36	18.49	18.31	18.39	0.53	ppb
Sulfur	34-1	-1195.48	-1277.68	-1228.82	-1234.00		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.50	0.49	0.56	0.51	7.20	ppb
Thallium	205-1	0.51	0.53	0.53	0.52	2.14	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	13.05	13.47	13.23	13.25	1.61	ppb
Tin	118-1	0.54	0.51	0.53	0.53	3.17	ppb
Titanium	47-1	421.87	421.52	430.88	424.76	1.25	ppb
Uranium	238-1	2.05	2.09	2.07	2.07	0.95	ppb
Vanadium	51-2	36.27	35.70	36.47	36.15	1.11	ppb
Yttrium	89-1				120		%
Yttrium	89-2				123		%
Zinc	66-2	68.30	68.13	68.17	68.20	0.13	ppb
Zirconium	90-1	7.91	8.03	7.89	7.94	0.94	ppb
Zirconium	91-1	7.99	8.04	7.89	7.97	0.98	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17116.05	17010.59	16719.46	16948.70	1.21	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	30.37	ppb
Arsenic	75-2	3.74	3.79	3.66	3.73	1.77	ppb
Barium	135-1	379.49	380.26	380.38	380.04	0.13	ppb
Barium	137-1	394.63	390.70	393.31	392.88	0.51	ppb
Beryllium	9-1	4.31	4.47	4.34	4.37	1.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	1.98	1.96	2.45	2.13	13.01	ppb
Boron	11-1	2.11	2.19	2.10	2.13	2.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.19	0.15	0.29	0.21	34.42	ppb
Cadmium	106-1	1.44	1.30	2.97	1.91	48.69	ppb
Cadmium	108-1	0.63	0.72	0.82	0.72	13.08	ppb
Calcium	43-1	2735.60	2797.39	2847.66	2793.55	2.01	ppb
Calcium	44-1	2682.00	2682.87	2716.10	2693.66	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.31	21.34	21.07	21.24	0.70	ppb
Cobalt	59-2	14.41	14.66	14.58	14.55	0.88	ppb
Copper	63-2	11.38	11.46	11.49	11.44	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	38785.38	39101.81	38798.11	38895.10	0.46	ppb
Iron	57-2	38540.13	38868.46	38781.67	38730.08	0.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	39189.31	38982.54	38326.67	38832.84	1.16	ppb
Krypton	83-1						cps
Lead	206-1	56.64	56.80	57.66	57.03	0.96	ppb
Lead	207-1	52.57	53.02	52.57	52.72	0.49	ppb
Lead	208-1	54.34	54.75	54.77	54.62	0.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	7348.66	7491.33	7363.61	7401.20	1.06	ppb
Manganese	55-2	549.16	557.37	546.40	550.98	1.04	ppb
Molybdenum	94-1	12.65	12.23	12.42	12.43	1.68	ppb
Molybdenum	95-1	0.09	0.09	0.08	0.08	7.69	ppb
Molybdenum	96-1	1.60	1.54	1.55	1.57	2.19	ppb
Molybdenum	97-1	0.06	0.09	0.08	0.08	19.27	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.85	28.95	29.03	28.94	0.32	ppb
Phosphorus	31-2	845.53	800.92	839.07	828.51	2.91	ppb
Potassium	39-2	6122.47	6221.33	6109.69	6151.16	0.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	0.12	-0.06	0.29	0.12	147.78	ppb
Selenium	77-2	10.02	11.78	14.36	12.05	18.12	ppb
Selenium	78-2	2.27	2.45	2.03	2.25	9.35	ppb
Silicon	28-1	93.50	114.07	91.70	99.75	12.46	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.61	ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.49	ppb
Sodium	23-2	378.20	378.08	372.77	376.35	0.82	ppb
Strontium	86-1	15.64	15.68	15.68	15.67	0.16	ppb
Strontium	88-1	16.20	16.18	15.89	16.09	1.07	ppb
Sulfur	34-1	-1278.15	-1240.18	-1260.83	-1259.72		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.35	0.35	0.36	0.35	1.70	ppb
Thallium	205-1	0.33	0.33	0.34	0.33	2.35	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	11.04	11.09	10.95	11.03	0.68	ppb
Tin	118-1	0.39	0.39	0.43	0.40	6.25	ppb
Titanium	47-1	287.21	296.38	296.66	293.42	1.83	ppb
Uranium	238-1	2.31	2.29	2.28	2.29	0.56	ppb
Vanadium	51-2	41.71	42.02	41.80	41.84	0.39	ppb
Yttrium	89-1				120		%
Yttrium	89-2				121		%
Zinc	66-2	60.09	60.26	59.79	60.05	0.39	ppb
Zirconium	90-1	6.74	6.76	6.77	6.76	0.17	ppb
Zirconium	91-1	6.96	6.86	6.76	6.86	1.46	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27022.40	26886.44	27077.27	26995.37	0.36	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	39.37	ppb
Arsenic	75-2	3.97	3.92	4.12	4.01	2.65	ppb
Barium	135-1	324.45	326.67	329.60	326.91	0.79	ppb
Barium	137-1	325.70	330.59	336.18	330.82	1.59	ppb
Beryllium	9-1	4.31	4.28	4.47	4.36	2.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	2.71	2.71	3.12	2.85	8.45	ppb
Boron	11-1	2.60	2.59	2.55	2.58	0.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.28	0.27	0.28	0.27	1.72	ppb
Cadmium	106-1	1.50	1.79	1.63	1.64	8.65	ppb
Cadmium	108-1	0.72	0.72	0.61	0.69	9.17	ppb
Calcium	43-1	4155.96	4205.97	4145.57	4169.17	0.77	ppb
Calcium	44-1	3947.66	4045.31	4025.93	4006.30	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.43	38.58	38.48	38.49	0.19	ppb
Cobalt	59-2	26.41	26.20	26.27	26.29	0.40	ppb
Copper	63-2	72.13	72.43	71.49	72.02	0.66	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				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	56-2	36396.09	36995.29	36473.68	36621.69	0.89	ppb
Iron	57-2	37032.55	37073.19	36834.38	36980.04	0.35	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	36626.67	36625.52	36156.66	36469.62	0.74	ppb
Krypton	83-1						cps
Lead	206-1	58.82	59.85	60.00	59.56	1.08	ppb
Lead	207-1	53.78	55.11	55.50	54.80	1.64	ppb
Lead	208-1	56.62	57.40	57.62	57.21	0.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	14072.96	14083.64	14104.68	14087.09	0.11	ppb
Manganese	55-2	1898.37	1905.36	1889.89	1897.87	0.41	ppb
Molybdenum	94-1	11.91	11.81	11.80	11.84	0.50	ppb
Molybdenum	95-1	0.15	0.13	0.14	0.14	6.10	ppb
Molybdenum	96-1	1.49	1.54	1.54	1.52	1.92	ppb
Molybdenum	97-1	0.11	0.11	0.14	0.12	17.08	ppb
Molybdenum	98-1	0.12	0.12	0.13	0.12	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.27	51.12	50.48	50.96	0.82	ppb
Phosphorus	31-2	439.96	425.12	437.04	434.04	1.81	ppb
Potassium	39-2	10412.18	10529.54	10377.43	10439.72	0.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	0.21	0.53	1.42	0.72	87.19	ppb
Selenium	77-2	26.52	22.36	24.62	24.50	8.50	ppb
Selenium	78-2	3.23	4.03	3.49	3.58	11.39	ppb
Silicon	28-1	86.12	82.48	85.07	84.56	2.22	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.84	ppb
Silver	109-1	0.02	0.03	0.03	0.03	19.35	ppb
Sodium	23-2	685.06	678.18	679.64	680.96	0.53	ppb
Strontium	86-1	17.07	17.06	16.91	17.01	0.54	ppb
Strontium	88-1	17.39	17.46	17.18	17.34	0.84	ppb
Sulfur	34-1	-1398.98	-1415.18	-1468.95	-1427.70		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.71	0.74	0.72	0.72	2.10	ppb
Thallium	205-1	0.72	0.71	0.72	0.72	0.70	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	16.93	17.36	17.30	17.19	1.36	ppb
Tin	118-1	0.50	0.54	0.55	0.53	5.00	ppb
Titanium	47-1	652.23	641.08	648.18	647.17	0.87	ppb
Uranium	238-1	2.39	2.47	2.47	2.44	1.95	ppb
Vanadium	51-2	54.57	54.48	54.57	54.54	0.09	ppb
Yttrium	89-1				120		%
Yttrium	89-2				123		%
Zinc	66-2	100.62	100.29	98.95	99.95	0.89	ppb
Zirconium	90-1	6.54	6.50	6.43	6.49	0.90	ppb
Zirconium	91-1	6.65	6.68	6.51	6.61	1.39	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17551.87	17297.36	17130.20	17326.47	1.23	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	48.26	ppb
Arsenic	75-2	3.70	3.71	3.69	3.70	0.32	ppb
Barium	135-1	536.56	531.83	536.06	534.82	0.49	ppb
Barium	137-1	536.73	539.49	536.91	537.71	0.29	ppb
Beryllium	9-1	3.04	3.17	2.93	3.04	3.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	2.74	2.67	3.00	2.80	6.22	ppb
Boron	11-1	2.70	2.77	2.77	2.75	1.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.31	0.21	0.27	0.26	20.47	ppb
Cadmium	106-1	2.98	1.04	1.84	1.95	49.79	ppb
Cadmium	108-1	0.98	0.89	0.80	0.89	10.22	ppb
Calcium	43-1	2390.12	2418.56	2392.37	2400.35	0.66	ppb
Calcium	44-1	2334.77	2332.70	2318.99	2328.82	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.12	22.96	22.55	22.87	1.28	ppb
Cobalt	59-2	13.63	13.66	13.54	13.61	0.46	ppb
Copper	63-2	384.76	385.45	379.10	383.10	0.91	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				110		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	29769.20	29778.43	29506.71	29684.78	0.52	ppb
Iron	57-2	30054.78	29754.79	29458.46	29756.01	1.00	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	29708.08	29504.05	29604.25	29605.46	0.34	ppb
Krypton	83-1						cps
Lead	206-1	48.41	49.19	48.11	48.57	1.15	ppb
Lead	207-1	45.32	45.98	44.72	45.34	1.40	ppb
Lead	208-1	46.69	47.11	46.58	46.79	0.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	8283.35	8120.07	8244.85	8216.09	1.04	ppb
Manganese	55-2	986.01	971.46	983.62	980.36	0.80	ppb
Molybdenum	94-1	17.24	16.75	17.08	17.02	1.45	ppb
Molybdenum	95-1	0.14	0.12	0.14	0.13	6.83	ppb
Molybdenum	96-1	2.93	1.99	2.08	2.33	22.35	ppb
Molybdenum	97-1	0.15	0.11	0.10	0.12	18.88	ppb
Molybdenum	98-1	0.12	0.10	0.10	0.11	8.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.18	30.08	30.08	30.12	0.19	ppb
Phosphorus	31-2	275.38	286.05	281.68	281.04	1.91	ppb
Potassium	39-2	4959.49	4836.74	4842.71	4879.65	1.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	-0.21	0.54	0.27	0.20	192.92	ppb
Selenium	77-2	14.78	11.88	13.60	13.42	10.87	ppb
Selenium	78-2	2.00	1.87	1.91	1.93	3.50	ppb
Silicon	28-1	73.74	108.51	78.97	87.07	21.53	ppb
Silver	107-1	0.08	0.07	0.08	0.08	5.04	ppb
Silver	109-1	0.06	0.08	0.06	0.06	13.33	ppb
Sodium	23-2	320.59	319.98	320.44	320.34	0.10	ppb
Strontium	86-1	13.10	13.06	13.22	13.13	0.64	ppb
Strontium	88-1	13.24	13.25	13.23	13.24	0.08	ppb
Sulfur	34-1	-1496.30	-1470.10	-1508.57	-1491.66		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.32	0.28	0.32	0.31	6.62	ppb
Thallium	205-1	0.30	0.31	0.31	0.31	1.11	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	11.83	12.02	11.67	11.84	1.46	ppb
Tin	118-1	0.48	0.46	0.40	0.45	9.06	ppb
Titanium	47-1	288.45	304.38	293.88	295.57	2.74	ppb
Uranium	238-1	1.69	1.71	1.65	1.68	1.89	ppb
Vanadium	51-2	32.73	32.65	32.59	32.66	0.22	ppb
Yttrium	89-1				116		%
Yttrium	89-2				118		%
Zinc	66-2	52.02	52.07	51.48	51.86	0.63	ppb
Zirconium	90-1	9.29	9.23	9.36	9.29	0.69	ppb
Zirconium	91-1	9.25	9.14	9.30	9.23	0.90	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17997.97	17943.62	17683.01	17874.87	0.94	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	4.25	ppb
Arsenic	75-2	1.18	1.36	1.27	1.27	7.27	ppb
Barium	135-1	169.37	169.02	169.03	169.14	0.12	ppb
Barium	137-1	170.32	171.49	169.96	170.59	0.47	ppb
Beryllium	9-1	1.64	1.69	1.64	1.66	1.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	1.90	1.89	1.50	1.76	12.88	ppb
Boron	11-1	1.85	1.68	1.65	1.73	6.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.06	0.09	0.07	24.89	ppb
Cadmium	106-1	0.70	0.79	1.35	0.94	37.42	ppb
Cadmium	108-1	0.16	0.16	0.37	0.23	54.74	ppb
Calcium	43-1	1630.48	1692.20	1654.11	1658.93	1.88	ppb
Calcium	44-1	1626.67	1658.08	1635.10	1639.95	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.27	19.32	19.11	19.24	0.57	ppb
Cobalt	59-2	7.15	7.05	7.16	7.12	0.84	ppb
Copper	63-2	351.45	342.99	339.53	344.66	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	13819.49	13943.68	14103.83	13955.67	1.02	ppb
Iron	57-2	13995.21	13960.90	14011.98	13989.36	0.19	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13908.06	13851.55	13855.75	13871.79	0.23	ppb
Krypton	83-1						cps
Lead	206-1	7.26	7.40	7.27	7.31	1.05	ppb
Lead	207-1	6.48	6.42	6.46	6.45	0.49	ppb
Lead	208-1	6.79	6.85	6.82	6.82	0.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	5770.38	5672.40	5765.81	5736.19	0.96	ppb
Manganese	55-2	301.98	296.33	303.40	300.57	1.24	ppb
Molybdenum	94-1	8.93	8.39	8.68	8.67	3.12	ppb
Molybdenum	95-1	1.01	0.96	0.98	0.98	2.53	ppb
Molybdenum	96-1	1.83	1.81	1.92	1.85	3.16	ppb
Molybdenum	97-1	1.09	1.03	0.94	1.02	7.34	ppb
Molybdenum	98-1	0.96	0.99	1.03	0.99	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.58	12.49	12.43	12.50	0.60	ppb
Phosphorus	31-2	197.45	208.62	204.02	203.37	2.76	ppb
Potassium	39-2	2516.03	2435.96	2495.23	2482.41	1.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	-0.08	1.34	-0.17	0.36	233.61	ppb
Selenium	77-2	10.61	9.12	11.59	10.44	11.94	ppb
Selenium	78-2	1.89	1.91	1.97	1.92	2.05	ppb
Silicon	28-1	183.70	171.85	179.58	178.38	3.37	ppb
Silver	107-1	0.08	0.09	0.10	0.09	9.44	ppb
Silver	109-1	0.07	0.09	0.09	0.08	9.79	ppb
Sodium	23-2	113.62	110.84	113.02	112.50	1.30	ppb
Strontium	86-1	8.12	7.90	7.97	8.00	1.38	ppb
Strontium	88-1	7.89	7.82	7.96	7.89	0.92	ppb
Sulfur	34-1	-1676.94	-1672.20	-1676.71	-1675.29		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.12	0.12	0.12	10.94	ppb
Thallium	205-1	0.11	0.13	0.12	0.12	6.83	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.80	7.70	7.72	7.74	0.66	ppb
Tin	118-1	0.68	0.68	0.65	0.67	2.64	ppb
Titanium	47-1	184.74	186.68	184.97	185.47	0.57	ppb
Uranium	238-1	2.34	2.24	2.31	2.30	2.32	ppb
Vanadium	51-2	22.22	21.74	21.88	21.94	1.14	ppb
Yttrium	89-1				117		%
Yttrium	89-2				118		%
Zinc	66-2	53.31	51.15	52.41	52.29	2.08	ppb
Zirconium	90-1	4.18	4.21	4.35	4.25	2.22	ppb
Zirconium	91-1	4.31	4.49	4.29	4.37	2.48	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3657.79	3660.14	3798.69	3705.54	2.18	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	21.88	ppb
Arsenic	75-2	0.24	0.27	0.30	0.27	12.30	ppb
Barium	135-1	43.28	36.93	35.85	38.69	10.38	ppb
Barium	137-1	44.45	37.03	36.48	39.32	11.33	ppb
Beryllium	9-1	0.35	0.28	0.29	0.31	12.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	1.22	0.90	0.84	0.99	20.44	ppb
Boron	11-1	0.95	0.76	0.74	0.82	14.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.62	0.03	-0.43	-0.34		ppb
Cadmium	108-1	0.01	-0.18	-0.12	-0.10		ppb
Calcium	43-1	409.50	356.06	358.58	374.72	8.05	ppb
Calcium	44-1	449.19	375.33	371.22	398.58	11.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.85	3.82	3.83	0.48	ppb
Cobalt	59-2	1.46	1.49	1.51	1.48	1.58	ppb
Copper	63-2	69.87	70.08	70.36	70.11	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				110		%
Iron	56-2	2866.86	2951.15	2885.78	2901.26	1.52	ppb
Iron	57-2	2875.05	2911.97	2918.92	2901.98	0.81	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2917.77	2917.95	2897.22	2910.98	0.41	ppb
Krypton	83-1						cps
Lead	206-1	1.75	1.53	1.45	1.58	9.79	ppb
Lead	207-1	1.60	1.34	1.25	1.40	13.04	ppb
Lead	208-1	1.61	1.40	1.33	1.45	9.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	1138.08	1148.24	1152.50	1146.27	0.65	ppb
Manganese	55-2	61.74	63.04	62.26	62.35	1.05	ppb
Molybdenum	94-1	2.28	1.61	2.72	2.20	25.29	ppb
Molybdenum	95-1	0.33	0.30	0.32	0.32	5.45	ppb
Molybdenum	96-1	0.54	0.47	0.46	0.49	8.79	ppb
Molybdenum	97-1	0.33	0.26	0.22	0.27	20.02	ppb
Molybdenum	98-1	0.37	0.27	0.30	0.31	17.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.62	2.58	2.63	2.61	0.99	ppb
Phosphorus	31-2	30.07	32.92	34.72	32.57	7.21	ppb
Potassium	39-2	490.55	496.59	495.20	494.11	0.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				112		%
Selenium	82-1	0.76	0.08	0.23	0.36	100.04	ppb
Selenium	77-2	2.29	2.61	2.24	2.38	8.34	ppb
Selenium	78-2	0.45	0.62	1.07	0.71	44.61	ppb
Silicon	28-1	103.03	75.71	42.32	73.68	41.27	ppb
Silver	107-1	0.03	0.02	0.02	0.02	17.93	ppb
Silver	109-1	0.03	0.02	0.02	0.02	18.07	ppb
Sodium	23-2	23.42	25.19	24.45	24.35	3.64	ppb
Strontium	86-1	2.30	1.67	1.71	1.89	18.64	ppb
Strontium	88-1	2.01	1.75	1.67	1.81	9.63	ppb
Sulfur	34-1	-1023.43	-1664.98	-1716.69	-1468.37		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.01	0.01	0.01	58.94	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	90.63	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.82	1.59	1.50	1.63	10.14	ppb
Tin	118-1	0.24	0.17	0.31	0.24	30.41	ppb
Titanium	47-1	53.22	43.26	44.58	47.02	11.51	ppb
Uranium	238-1	0.54	0.50	0.46	0.50	7.74	ppb
Vanadium	51-2	4.44	4.48	4.49	4.47	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				113		%
Zinc	66-2	18.32	18.16	19.07	18.52	2.62	ppb
Zirconium	90-1	1.00	0.87	0.87	0.91	8.52	ppb
Zirconium	91-1	1.06	0.84	0.87	0.92	12.97	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17848.69	17619.38	17875.33	17781.13	0.79	ppb
Antimony	121-1	38.77	39.12	37.41	38.43	2.34	ppb
Arsenic	75-2	100.16	100.63	102.81	101.20	1.40	ppb
Barium	135-1	692.75	658.34	661.18	670.76	2.85	ppb
Barium	137-1	684.86	666.63	652.03	667.84	2.46	ppb
Beryllium	9-1	103.40	100.99	100.29	101.56	1.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	67.94	68.55	67.57	68.02	0.73	ppb
Boron	11-1	65.55	65.92	66.03	65.83	0.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	109.44	107.41	103.92	106.92	2.61	ppb
Cadmium	106-1	109.61	105.36	105.11	106.69	2.37	ppb
Cadmium	108-1	103.17	106.28	100.71	103.39	2.70	ppb
Calcium	43-1	12057.37	11537.50	11419.75	11671.54	2.91	ppb
Calcium	44-1	11637.59	11091.15	10905.63	11211.46	3.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.15	108.64	110.98	109.26	1.38	ppb
Cobalt	59-2	100.63	98.95	101.09	100.22	1.12	ppb
Copper	63-2	1372.68	1382.28	1399.58	1384.85	0.98	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				112		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	56-2	17394.82	17575.79	17742.36	17570.99	0.99	ppb
Iron	57-2	17530.35	17622.25	17653.00	17601.87	0.36	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	17801.08	17482.51	17865.44	17716.34	1.16	ppb
Krypton	83-1						cps
Lead	206-1	516.35	498.63	490.51	501.83	2.63	ppb
Lead	207-1	517.78	500.67	487.56	502.01	3.02	ppb
Lead	208-1	517.38	498.54	492.53	502.82	2.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	14643.51	14345.30	14731.73	14573.51	1.39	ppb
Manganese	55-2	1334.00	1322.95	1345.82	1334.26	0.86	ppb
Molybdenum	94-1	565.78	553.29	545.99	555.02	1.80	ppb
Molybdenum	95-1	473.01	470.05	452.51	465.19	2.38	ppb
Molybdenum	96-1	483.50	474.05	456.05	471.20	2.96	ppb
Molybdenum	97-1	474.58	456.03	449.17	459.93	2.86	ppb
Molybdenum	98-1	473.24	459.42	450.87	461.18	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.84	105.06	107.04	105.65	1.15	ppb
Phosphorus	31-2	180.74	190.92	187.87	186.51	2.80	ppb
Potassium	39-2	6890.97	7057.85	6942.84	6963.89	1.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	82-1	96.20	96.00	92.58	94.93	2.14	ppb
Selenium	77-2	101.27	108.33	103.11	104.24	3.52	ppb
Selenium	78-2	94.36	93.80	97.14	95.10	1.88	ppb
Silicon	28-1	239.70	231.49	270.10	247.09	8.23	ppb
Silver	107-1	103.60	103.68	98.87	102.05	2.70	ppb
Silver	109-1	104.45	102.38	98.50	101.78	2.97	ppb
Sodium	23-2	9518.66	9219.55	9495.91	9411.37	1.77	ppb
Strontium	86-1	101.66	100.04	96.21	99.31	2.82	ppb
Strontium	88-1	104.80	102.63	99.24	102.22	2.74	ppb
Sulfur	34-1	-1410.34	-1579.90	-1699.17	-1563.14		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	91.59	88.94	87.31	89.28	2.42	ppb
Thallium	205-1	96.73	92.20	91.20	93.38	3.16	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	8.52	8.29	8.23	8.35	1.82	ppb
Tin	118-1	94.54	95.73	92.63	94.30	1.66	ppb
Titanium	47-1	681.62	623.93	625.81	643.79	5.09	ppb
Uranium	238-1	97.18	95.01	93.45	95.21	1.97	ppb
Vanadium	51-2	112.85	113.97	113.55	113.46	0.50	ppb
Yttrium	89-1				114		%
Yttrium	89-2				119		%
Zinc	66-2	883.37	885.77	902.73	890.62	1.19	ppb
Zirconium	90-1	99.11	95.78	93.65	96.18	2.86	ppb
Zirconium	91-1	94.67	93.11	91.98	93.25	1.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18149.26	17876.56	18079.57	18035.13	0.79	ppb
Antimony	121-1	41.83	40.86	40.09	40.93	2.14	ppb
Arsenic	75-2	103.81	101.70	102.47	102.66	1.04	ppb
Barium	135-1	692.69	671.22	648.88	670.93	3.27	ppb
Barium	137-1	692.41	668.87	658.25	673.18	2.60	ppb
Beryllium	9-1	103.75	102.48	100.74	102.32	1.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	62.99	68.63	68.24	66.62	4.73	ppb
Boron	11-1	66.97	66.47	68.98	67.47	1.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	110.73	107.46	106.38	108.19	2.09	ppb
Cadmium	106-1	109.01	109.85	103.37	107.41	3.28	ppb
Cadmium	108-1	107.57	105.41	103.91	105.63	1.74	ppb
Calcium	43-1	12018.95	11720.59	11880.20	11873.25	1.26	ppb
Calcium	44-1	11625.80	11314.64	11224.40	11388.28	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.90	112.10	112.22	112.41	0.38	ppb
Cobalt	59-2	103.74	103.31	102.60	103.22	0.56	ppb
Copper	63-2	1431.86	1419.32	1399.27	1416.82	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	18591.02	18190.34	18241.94	18341.10	1.19	ppb
Iron	57-2	18356.19	18065.95	18380.15	18267.43	0.96	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	18212.93	18186.93	18312.06	18237.31	0.36	ppb
Krypton	83-1						cps
Lead	206-1	523.89	503.74	502.43	510.02	2.36	ppb
Lead	207-1	524.39	506.90	500.49	510.59	2.42	ppb
Lead	208-1	518.99	506.59	499.32	508.30	1.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	15306.95	14926.77	15011.08	15081.60	1.32	ppb
Manganese	55-2	1389.29	1385.35	1395.21	1389.95	0.36	ppb
Molybdenum	94-1	576.68	549.78	554.70	560.39	2.56	ppb
Molybdenum	95-1	483.14	456.78	463.44	467.79	2.93	ppb
Molybdenum	96-1	489.25	469.20	468.06	475.50	2.51	ppb
Molybdenum	97-1	482.02	461.15	462.93	468.70	2.47	ppb
Molybdenum	98-1	478.13	459.49	457.59	465.07	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.42	109.30	109.30	109.67	0.59	ppb
Phosphorus	31-2	194.67	196.44	210.02	200.38	4.19	ppb
Potassium	39-2	7141.86	7193.87	7097.49	7144.40	0.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	82-1	98.23	94.89	94.73	95.95	2.06	ppb
Selenium	77-2	97.68	103.21	102.42	101.10	2.96	ppb
Selenium	78-2	96.90	97.80	98.45	97.72	0.80	ppb
Silicon	28-1	415.54	252.30	330.01	332.62	24.55	ppb
Silver	107-1	105.08	103.56	103.60	104.08	0.83	ppb
Silver	109-1	105.55	103.52	101.16	103.41	2.12	ppb
Sodium	23-2	9951.48	9813.81	9747.63	9837.64	1.06	ppb
Strontium	86-1	104.07	100.20	98.80	101.02	2.70	ppb
Strontium	88-1	107.03	102.99	102.10	104.04	2.52	ppb
Sulfur	34-1	-1443.43	-1550.83	-1596.99	-1530.42		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	91.67	90.62	88.95	90.41	1.52	ppb
Thallium	205-1	98.47	94.22	93.35	95.35	2.87	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.82	7.69	7.51	7.68	2.01	ppb
Tin	118-1	100.98	97.38	95.55	97.97	2.82	ppb
Titanium	47-1	733.07	724.57	731.07	729.57	0.61	ppb
Uranium	238-1	100.10	97.48	95.51	97.70	2.36	ppb
Vanadium	51-2	117.25	116.26	116.53	116.68	0.44	ppb
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	913.48	922.28	915.75	917.17	0.50	ppb
Zirconium	90-1	98.63	95.40	95.71	96.58	1.84	ppb
Zirconium	91-1	97.95	93.75	93.76	95.15	2.54	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:20:50	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50868.79	49909.61	50400.08	50392.83	0.95	ppb
Antimony	121-1	558.71	544.43	538.31	547.15	1.91	ppb
Arsenic	75-2	480.14	487.41	490.60	486.05	1.10	ppb
Barium	135-1	2681.38	2589.69	2527.45	2599.51	2.98	ppb
Barium	137-1	2661.03	2627.85	2556.92	2615.27	2.03	ppb
Beryllium	9-1	530.50	515.10	516.31	520.64	1.64	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	488.69	498.58	493.92	493.73	1.00	ppb
Boron	11-1	495.45	504.26	500.59	500.10	0.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	553.99	546.59	544.93	548.50	0.88	ppb
Cadmium	106-1	545.33	543.28	540.82	543.14	0.42	ppb
Cadmium	108-1	557.38	537.30	530.11	541.60	2.61	ppb
Calcium	43-1	253877.13	247400.73	247357.34	249545.07	1.50	ppb
Calcium	44-1	254806.47	243589.73	241938.81	246778.34	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.49	498.44	501.32	500.75	0.42	ppb
Cobalt	59-2	477.57	488.75	486.86	484.39	1.24	ppb
Copper	63-2	5084.69	5097.74	5097.78	5093.40	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	123836.48	121764.60	123763.23	123121.44	0.95	ppb
Iron	57-2	125509.26	124149.51	124052.95	124570.57	0.65	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:20:50	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124495.09	123198.31	123562.19	123751.86	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2623.22	2636.27	2568.79	2609.43	1.37	ppb
Lead	207-1	2602.72	2604.66	2544.02	2583.80	1.33	ppb
Lead	208-1	2629.37	2611.17	2558.37	2599.64	1.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	248851.74	249134.24	248669.09	248885.02	0.09	ppb
Manganese	55-2	4954.49	4927.67	4911.26	4931.14	0.44	ppb
Molybdenum	94-1	5258.64	5119.60	5073.79	5150.68	1.87	ppb
Molybdenum	95-1	5240.26	5103.32	5110.70	5151.43	1.50	ppb
Molybdenum	96-1	5222.84	5117.89	5065.74	5135.49	1.56	ppb
Molybdenum	97-1	5222.84	5127.46	5056.39	5135.56	1.63	ppb
Molybdenum	98-1	5237.89	5172.54	5057.54	5155.99	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.74	483.63	479.52	480.63	0.55	ppb
Phosphorus	31-2	10331.09	10069.76	10151.05	10183.96	1.31	ppb
Potassium	39-2	126371.18	123995.10	125106.19	125157.49	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	508.54	500.28	496.69	501.84	1.21	ppb
Selenium	77-2	483.42	497.91	497.28	492.87	1.66	ppb
Selenium	78-2	492.94	496.99	500.79	496.91	0.79	ppb
Silicon	28-1	500.34	476.39	474.64	483.79	2.97	ppb
Silver	107-1	542.25	523.54	528.20	531.33	1.83	ppb
Silver	109-1	544.78	533.54	518.26	532.19	2.50	ppb
Sodium	23-2	247303.64	245397.88	245192.48	245964.67	0.47	ppb
Strontium	86-1	517.24	506.79	509.59	511.21	1.06	ppb
Strontium	88-1	528.89	506.88	506.31	514.03	2.50	ppb
Sulfur	34-1	11025.84	9866.70	9854.95	10249.16	6.56	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	529.25	520.66	512.20	520.70	1.64	ppb
Thallium	205-1	533.74	526.74	511.52	524.00	2.17	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:20:50	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	529.43	515.44	511.98	518.95	1.78	ppb
Tin	118-1	531.76	524.60	514.25	523.54	1.68	ppb
Titanium	47-1	5270.95	5017.35	5002.55	5096.95	2.96	ppb
Uranium	238-1	520.49	514.04	502.89	512.47	1.74	ppb
Vanadium	51-2	510.62	504.37	507.94	507.64	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	5020.15	5023.06	4954.59	4999.27	0.77	ppb
Zirconium	90-1	519.85	504.86	507.65	510.79	1.56	ppb
Zirconium	91-1	524.66	505.81	510.37	513.61	1.92	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:31:01	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.30	0.15	0.31	50.24	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	16.09	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.05	0.02	0.04	43.03	ppb
Barium	137-1	0.06	0.04	0.04	0.05	20.47	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	69.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	1.71	1.90	1.42	1.68	14.45	ppb
Boron	11-1	1.67	1.64	1.67	1.66	1.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.15	-0.15	-0.17		ppb
Cadmium	106-1	-3.00	-2.47	-2.20	-2.56		ppb
Cadmium	108-1	-0.11	-0.20	-0.05	-0.12		ppb
Calcium	43-1	1.92	-0.49	0.41	0.61	199.35	ppb
Calcium	44-1	35.45	33.64	33.40	34.16	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.02	0.02	24.73	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	131.32	ppb
Copper	63-2	0.03	0.04	0.05	0.04	25.33	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				109		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	56-2	0.89	0.97	1.00	0.95	6.10	ppb
Iron	57-2	1.32	1.06	1.36	1.25	12.77	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:31:01	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.69	2.00	0.65	1.45	49.02	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	6.41	ppb
Lead	207-1	0.05	0.05	0.05	0.05	3.88	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.82	1.67	1.61	1.70	6.47	ppb
Manganese	55-2	0.05	0.04	0.03	0.04	23.56	ppb
Molybdenum	94-1	0.05	0.04	0.08	0.05	36.00	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	34.81	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	25.33	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	9.17	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-9.72	-14.54	-20.69	-14.98		ppb
Potassium	39-2	5.22	3.69	7.54	5.48	35.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				111		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	-0.70	0.52	-0.89	-0.35		ppb
Selenium	77-2	-0.05	-0.05	0.08	0.00		ppb
Selenium	78-2	-0.46	-0.04	0.46	-0.01		ppb
Silicon	28-1	0.20	0.07	0.06	0.11	72.73	ppb
Silver	107-1	0.02	0.01	0.01	0.01	11.10	ppb
Silver	109-1	0.02	0.01	0.01	0.01	24.15	ppb
Sodium	23-2	17.66	18.12	18.04	17.94	1.35	ppb
Strontium	86-1	-0.01	0.04	0.05	0.03	111.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	33.92	ppb
Sulfur	34-1	-178.91	-340.70	-310.16	-276.59		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:31:01	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	32.99	ppb
Tin	118-1	0.05	0.03	0.03	0.04	28.30	ppb
Titanium	47-1	0.01	-0.02	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.28	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	68.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	0.13	0.12	0.13	0.13	2.70	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	40.67	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	44.67	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18425.41	18432.91	18103.47	18320.60	1.03	ppb
Antimony	121-1	40.93	38.99	38.42	39.44	3.34	ppb
Arsenic	75-2	100.94	102.52	100.69	101.38	0.98	ppb
Barium	135-1	687.69	672.42	650.73	670.28	2.77	ppb
Barium	137-1	700.29	665.99	662.91	676.40	3.07	ppb
Beryllium	9-1	103.41	100.76	102.50	102.22	1.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	65.18	65.80	68.15	66.38	2.36	ppb
Boron	11-1	62.62	64.64	69.43	65.56	5.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	110.85	105.09	103.58	106.51	3.60	ppb
Cadmium	106-1	111.63	106.99	104.33	107.65	3.43	ppb
Cadmium	108-1	108.11	103.39	97.79	103.10	5.01	ppb
Calcium	43-1	11803.26	11803.79	11448.50	11685.18	1.75	ppb
Calcium	44-1	11399.22	11341.81	11129.73	11290.25	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.31	112.39	110.56	111.42	0.82	ppb
Cobalt	59-2	101.82	102.64	101.94	102.13	0.43	ppb
Copper	63-2	1424.00	1398.85	1414.32	1412.39	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	18238.82	18222.55	18238.08	18233.15	0.05	ppb
Iron	57-2	18306.96	18176.85	18136.61	18206.81	0.49	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	18446.96	18326.52	18261.68	18345.05	0.51	ppb
Krypton	83-1						cps
Lead	206-1	512.84	507.96	495.14	505.31	1.81	ppb
Lead	207-1	512.34	505.08	495.08	504.17	1.72	ppb
Lead	208-1	513.56	503.17	492.85	503.19	2.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	15269.77	14992.40	15202.63	15154.93	0.95	ppb
Manganese	55-2	1403.94	1389.96	1371.85	1388.58	1.16	ppb
Molybdenum	94-1	567.73	548.80	556.21	557.58	1.71	ppb
Molybdenum	95-1	475.24	463.31	463.47	467.34	1.46	ppb
Molybdenum	96-1	489.09	467.18	477.85	478.04	2.29	ppb
Molybdenum	97-1	478.81	457.62	464.78	467.07	2.31	ppb
Molybdenum	98-1	472.16	454.26	459.63	462.02	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.59	107.48	108.78	107.95	0.67	ppb
Phosphorus	31-2	207.26	182.62	208.56	199.48	7.33	ppb
Potassium	39-2	7284.45	7040.07	7189.26	7171.26	1.72	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	96.86	93.77	94.66	95.10	1.67	ppb
Selenium	77-2	107.11	103.16	104.68	104.98	1.90	ppb
Selenium	78-2	97.26	98.01	99.82	98.36	1.34	ppb
Silicon	28-1	282.45	296.02	261.40	279.96	6.23	ppb
Silver	107-1	104.63	100.01	100.30	101.65	2.55	ppb
Silver	109-1	105.36	99.83	99.08	101.42	3.38	ppb
Sodium	23-2	9914.75	9886.40	9912.45	9904.53	0.16	ppb
Strontium	86-1	100.99	98.93	98.70	99.54	1.27	ppb
Strontium	88-1	106.80	103.07	102.25	104.04	2.33	ppb
Sulfur	34-1	-543.81	-697.33	-835.71	-692.28		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	90.95	89.18	86.24	88.79	2.68	ppb
Thallium	205-1	97.35	95.02	93.58	95.32	2.00	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.91	7.89	7.62	7.81	2.03	ppb
Tin	118-1	99.06	94.28	92.89	95.41	3.39	ppb
Titanium	47-1	729.79	726.89	720.27	725.65	0.67	ppb
Uranium	238-1	97.50	95.74	93.01	95.42	2.37	ppb
Vanadium	51-2	116.08	116.22	114.25	115.52	0.95	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%
Zinc	66-2	908.36	913.42	920.68	914.15	0.68	ppb
Zirconium	90-1	99.62	95.98	96.09	97.23	2.13	ppb
Zirconium	91-1	97.13	93.78	93.24	94.71	2.23	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84751.38	85540.90	86038.65	85443.65	0.76	ppb
Antimony	121-1	0.16	0.15	0.14	0.15	5.43	ppb
Arsenic	75-2	5.87	5.94	5.63	5.81	2.85	ppb
Barium	135-1	920.33	926.67	924.18	923.73	0.35	ppb
Barium	137-1	921.83	923.35	934.12	926.43	0.72	ppb
Beryllium	9-1	8.42	8.45	8.65	8.51	1.45	ppb
Bismuth	209-1				116		%
Bismuth	209-2				113		%
Boron	10-1	9.51	8.72	9.40	9.21	4.64	ppb
Boron	11-1	8.51	8.41	8.63	8.52	1.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.53	0.37	0.42	0.44	17.95	ppb
Cadmium	106-1	6.81	4.72	5.16	5.56	19.81	ppb
Cadmium	108-1	2.33	1.90	1.96	2.06	11.35	ppb
Calcium	43-1	7877.57	7910.50	8014.05	7934.04	0.90	ppb
Calcium	44-1	7472.29	7623.44	7697.14	7597.62	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.39	90.39	90.14	90.64	0.73	ppb
Cobalt	59-2	34.35	33.71	33.89	33.98	0.98	ppb
Copper	63-2	1652.79	1660.95	1652.76	1655.50	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				121		%
Indium	115-1				120		%
Indium	115-2				120		%
Iron	56-2	69091.62	67953.67	68161.38	68402.22	0.89	ppb
Iron	57-2	68715.75	67674.74	68304.45	68231.65	0.77	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	68421.16	67771.11	67487.37	67893.21	0.71	ppb
Krypton	83-1						cps
Lead	206-1	35.79	36.49	36.38	36.22	1.04	ppb
Lead	207-1	31.39	31.82	31.55	31.58	0.69	ppb
Lead	208-1	33.18	33.72	33.77	33.56	0.98	ppb
Lithium	6-1				115		%
Magnesium	24-2	28018.03	28175.23	27911.31	28034.86	0.47	ppb
Manganese	55-2	1508.76	1466.83	1474.53	1483.37	1.50	ppb
Molybdenum	94-1	34.02	33.82	33.48	33.77	0.81	ppb
Molybdenum	95-1	1.93	1.91	1.93	1.92	0.50	ppb
Molybdenum	96-1	5.43	6.20	5.71	5.78	6.77	ppb
Molybdenum	97-1	1.94	1.80	2.00	1.91	5.46	ppb
Molybdenum	98-1	1.95	1.88	1.94	1.93	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.71	58.83	59.44	59.32	0.76	ppb
Phosphorus	31-2	1084.99	1095.46	1060.50	1080.32	1.66	ppb
Potassium	39-2	11429.52	11353.90	11210.65	11331.36	0.98	ppb
Rhodium	103-1				118		%
Rhodium	103-2				117		%
Scandium	45-1				132		%
Scandium	45-2				131		%
Selenium	82-1	1.72	2.19	1.75	1.89	13.92	ppb
Selenium	77-2	47.48	50.17	48.16	48.60	2.88	ppb
Selenium	78-2	8.30	8.19	7.52	8.00	5.29	ppb
Silicon	28-1	1115.69	1121.01	1103.62	1113.44	0.80	ppb
Silver	107-1	0.46	0.48	0.47	0.47	2.78	ppb
Silver	109-1	0.50	0.48	0.45	0.48	4.78	ppb
Sodium	23-2	427.09	428.02	424.69	426.60	0.40	ppb
Strontium	86-1	34.36	33.72	34.20	34.09	0.98	ppb
Strontium	88-1	35.22	35.84	35.54	35.53	0.88	ppb
Sulfur	34-1	-1710.57	-1721.79	-1687.42	-1706.60		ppb
Terbium	159-1				125		%
Terbium	159-2				121		%
Thallium	203-1	0.69	0.69	0.74	0.71	4.43	ppb
Thallium	205-1	0.69	0.72	0.71	0.70	2.39	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.44	46.30	46.03	45.92	0.96	ppb
Tin	118-1	4.22	3.98	3.98	4.06	3.39	ppb
Titanium	47-1	1076.70	1074.85	1082.94	1078.16	0.39	ppb
Uranium	238-1	11.81	11.78	11.89	11.83	0.49	ppb
Vanadium	51-2	107.31	106.73	106.56	106.87	0.36	ppb
Yttrium	89-1				154		%
Yttrium	89-2				153		%
Zinc	66-2	268.20	267.87	269.98	268.68	0.42	ppb
Zirconium	90-1	17.42	17.13	17.50	17.35	1.14	ppb
Zirconium	91-1	17.32	17.98	17.58	17.63	1.87	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64158.77	63939.48	64068.32	64055.53	0.17	ppb
Antimony	121-1	0.17	0.16	0.18	0.17	7.01	ppb
Arsenic	75-2	23.35	23.97	23.37	23.57	1.49	ppb
Barium	135-1	828.33	808.90	846.08	827.77	2.25	ppb
Barium	137-1	838.64	808.23	842.66	829.85	2.27	ppb
Beryllium	9-1	20.56	20.10	20.25	20.30	1.15	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Boron	10-1	5.92	5.66	5.51	5.70	3.67	ppb
Boron	11-1	5.66	5.85	6.25	5.92	5.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.57	0.46	0.66	0.56	17.38	ppb
Cadmium	106-1	6.62	5.91	7.94	6.83	15.12	ppb
Cadmium	108-1	1.77	2.43	2.04	2.08	15.83	ppb
Calcium	43-1	4681.84	4697.09	4712.23	4697.05	0.32	ppb
Calcium	44-1	4496.97	4510.22	4475.73	4494.31	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.92	114.78	116.18	115.63	0.65	ppb
Cobalt	59-2	71.53	70.57	71.02	71.04	0.68	ppb
Copper	63-2	3652.28	3682.42	3683.93	3672.88	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				120		%
Indium	115-1				120		%
Indium	115-2				118		%
Iron	56-2	149515.37	149060.79	150952.50	149842.89	0.66	ppb
Iron	57-2	151638.99	148568.11	150167.73	150124.95	1.02	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	149694.21	147606.97	150849.36	149383.52	1.10	ppb
Krypton	83-1						cps
Lead	206-1	64.26	65.23	64.24	64.58	0.87	ppb
Lead	207-1	56.96	57.60	57.38	57.31	0.56	ppb
Lead	208-1	59.76	60.77	60.29	60.27	0.83	ppb
Lithium	6-1				111		%
Magnesium	24-2	16068.88	16004.23	16048.54	16040.55	0.21	ppb
Manganese	55-2	3413.30	3366.47	3430.67	3403.48	0.98	ppb
Molybdenum	94-1	35.33	35.19	35.31	35.27	0.22	ppb
Molybdenum	95-1	1.41	1.38	1.40	1.40	1.09	ppb
Molybdenum	96-1	5.45	5.61	5.47	5.51	1.60	ppb
Molybdenum	97-1	1.32	1.40	1.38	1.37	2.83	ppb
Molybdenum	98-1	1.42	1.40	1.42	1.41	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.76	42.69	42.61	42.69	0.17	ppb
Phosphorus	31-2	5951.47	5948.24	5871.09	5923.60	0.77	ppb
Potassium	39-2	7747.33	7777.66	7595.45	7706.81	1.27	ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				131		%
Scandium	45-2				130		%
Selenium	82-1	1.82	1.12	2.58	1.84	39.47	ppb
Selenium	77-2	37.40	40.23	39.85	39.16	3.92	ppb
Selenium	78-2	6.80	7.17	7.58	7.18	5.39	ppb
Silicon	28-1	716.42	826.91	725.67	756.33	8.10	ppb
Silver	107-1	0.55	0.60	0.61	0.59	5.35	ppb
Silver	109-1	0.55	0.58	0.60	0.58	3.71	ppb
Sodium	23-2	757.84	763.44	773.49	764.92	1.04	ppb
Strontium	86-1	24.50	24.04	24.69	24.41	1.38	ppb
Strontium	88-1	25.60	25.78	25.65	25.68	0.37	ppb
Sulfur	34-1	-1886.99	-1830.37	-1850.53	-1855.96		ppb
Terbium	159-1				123		%
Terbium	159-2				119		%
Thallium	203-1	0.51	0.52	0.54	0.52	2.18	ppb
Thallium	205-1	0.52	0.51	0.53	0.52	1.51	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	43.61	44.43	43.91	43.98	0.94	ppb
Tin	118-1	3.69	3.59	3.97	3.75	5.25	ppb
Titanium	47-1	1004.16	960.03	968.10	977.43	2.40	ppb
Uranium	238-1	32.35	30.25	29.73	30.78	4.51	ppb
Vanadium	51-2	279.00	278.04	277.96	278.33	0.21	ppb
Yttrium	89-1				151		%
Yttrium	89-2				147		%
Zinc	66-2	152.85	154.24	155.93	154.34	1.00	ppb
Zirconium	90-1	18.44	18.59	18.63	18.55	0.56	ppb
Zirconium	91-1	18.73	20.03	18.74	19.17	3.90	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63526.74	61375.26	62139.81	62347.27	1.75	ppb
Antimony	121-1	0.15	0.16	0.16	0.16	5.01	ppb
Arsenic	75-2	4.15	4.20	4.44	4.26	3.58	ppb
Barium	135-1	1172.71	1169.52	1165.10	1169.11	0.33	ppb
Barium	137-1	1179.88	1171.92	1167.08	1172.96	0.55	ppb
Beryllium	9-1	6.34	6.07	6.21	6.21	2.19	ppb
Bismuth	209-1				115		%
Bismuth	209-2				113		%
Boron	10-1	6.56	6.34	6.40	6.43	1.80	ppb
Boron	11-1	6.38	6.74	7.57	6.90	8.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.24	0.32	0.39	0.32	24.68	ppb
Cadmium	106-1	2.11	3.62	4.15	3.29	32.09	ppb
Cadmium	108-1	1.42	1.40	1.55	1.46	5.61	ppb
Calcium	43-1	6556.16	6698.81	6575.02	6609.99	1.17	ppb
Calcium	44-1	6192.00	6440.54	6358.93	6330.49	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.63	86.75	87.11	87.16	0.51	ppb
Cobalt	59-2	31.81	31.84	31.69	31.78	0.25	ppb
Copper	63-2	2721.64	2767.71	2713.25	2734.20	1.07	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				121		%
Holmium	165-2				117		%
Indium	115-1				118		%
Indium	115-2				118		%
Iron	56-2	42727.40	42970.03	42610.08	42769.17	0.43	ppb
Iron	57-2	42874.23	43499.25	43267.69	43213.72	0.73	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	42672.45	42982.66	42701.66	42785.59	0.40	ppb
Krypton	83-1						cps
Lead	206-1	72.88	72.45	72.64	72.66	0.30	ppb
Lead	207-1	65.90	66.84	66.17	66.31	0.73	ppb
Lead	208-1	72.78	74.00	73.33	73.37	0.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	18531.67	18399.76	18334.16	18421.86	0.55	ppb
Manganese	55-2	845.16	837.55	844.07	842.26	0.49	ppb
Molybdenum	94-1	27.73	28.60	29.79	28.71	3.60	ppb
Molybdenum	95-1	1.96	1.99	2.01	1.99	1.33	ppb
Molybdenum	96-1	5.72	4.94	4.94	5.20	8.66	ppb
Molybdenum	97-1	1.83	2.04	2.15	2.01	8.30	ppb
Molybdenum	98-1	1.98	2.01	1.93	1.97	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.67	57.49	56.43	56.86	0.98	ppb
Phosphorus	31-2	606.52	614.29	617.32	612.71	0.91	ppb
Potassium	39-2	11546.44	11967.66	11780.77	11764.96	1.79	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				126		%
Scandium	45-2				127		%
Selenium	82-1	1.81	0.52	1.42	1.25	52.86	ppb
Selenium	77-2	35.12	39.63	41.02	38.59	7.99	ppb
Selenium	78-2	5.14	5.95	6.42	5.84	11.04	ppb
Silicon	28-1	978.27	1143.82	952.64	1024.91	10.13	ppb
Silver	107-1	0.29	0.32	0.34	0.32	7.56	ppb
Silver	109-1	0.30	0.33	0.33	0.32	4.74	ppb
Sodium	23-2	2194.20	2156.47	2162.14	2170.94	0.94	ppb
Strontium	86-1	31.53	32.41	31.98	31.97	1.37	ppb
Strontium	88-1	32.94	34.31	33.65	33.63	2.04	ppb
Sulfur	34-1	-1951.42	-1890.48	-1938.80	-1926.90		ppb
Terbium	159-1				121		%
Terbium	159-2				118		%
Thallium	203-1	0.86	0.85	0.86	0.86	0.55	ppb
Thallium	205-1	0.88	0.88	0.87	0.88	0.74	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	39.83	39.52	39.26	39.54	0.72	ppb
Tin	118-1	3.13	2.91	2.85	2.96	4.93	ppb
Titanium	47-1	1384.30	1440.74	1489.17	1438.07	3.65	ppb
Uranium	238-1	7.95	8.06	8.05	8.02	0.70	ppb
Vanadium	51-2	85.36	86.07	85.31	85.58	0.50	ppb
Yttrium	89-1				136		%
Yttrium	89-2				136		%
Zinc	66-2	155.53	158.07	157.96	157.19	0.91	ppb
Zirconium	90-1	14.48	15.02	14.41	14.63	2.29	ppb
Zirconium	91-1	14.65	14.43	14.70	14.59	1.00	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85458.01	85642.12	85366.00	85488.71	0.16	ppb
Antimony	121-1	0.10	0.11	0.11	0.10	6.70	ppb
Arsenic	75-2	17.31	18.14	18.15	17.86	2.69	ppb
Barium	135-1	1638.37	1657.10	1654.47	1649.98	0.61	ppb
Barium	137-1	1654.22	1665.33	1664.24	1661.26	0.37	ppb
Beryllium	9-1	21.64	20.97	21.02	21.21	1.76	ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Boron	10-1	9.85	10.39	10.57	10.27	3.64	ppb
Boron	11-1	9.76	10.21	11.11	10.36	6.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.05	2.03	2.02	2.03	0.50	ppb
Cadmium	106-1	13.53	13.37	13.54	13.48	0.73	ppb
Cadmium	108-1	4.30	4.47	4.49	4.42	2.41	ppb
Calcium	43-1	13969.96	14029.45	13697.03	13898.82	1.28	ppb
Calcium	44-1	13199.47	13366.76	13178.64	13248.29	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.70	108.23	107.26	107.39	0.72	ppb
Cobalt	59-2	86.05	86.54	85.83	86.14	0.42	ppb
Copper	63-2	1243.69	1270.39	1240.39	1251.49	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				120		%
Indium	115-1				119		%
Indium	115-2				117		%
Iron	56-2	182295.02	184675.43	181650.11	182873.52	0.87	ppb
Iron	57-2	183381.81	185159.07	183541.88	184027.58	0.53	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	181070.71	183788.02	182132.69	182330.47	0.75	ppb
Krypton	83-1						cps
Lead	206-1	243.31	245.19	244.40	244.30	0.39	ppb
Lead	207-1	232.79	231.07	231.68	231.85	0.38	ppb
Lead	208-1	236.06	238.10	237.74	237.30	0.46	ppb
Lithium	6-1				111		%
Magnesium	24-2	41002.59	41152.67	41260.36	41138.54	0.31	ppb
Manganese	55-2	7411.49	7602.62	7485.93	7500.01	1.28	ppb
Molybdenum	94-1	51.24	51.79	52.68	51.90	1.40	ppb
Molybdenum	95-1	0.56	0.60	0.60	0.59	4.35	ppb
Molybdenum	96-1	6.57	6.83	6.65	6.69	1.98	ppb
Molybdenum	97-1	0.51	0.55	0.57	0.54	5.47	ppb
Molybdenum	98-1	0.49	0.55	0.54	0.53	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.05	152.62	150.29	150.99	0.94	ppb
Phosphorus	31-2	2078.71	2074.46	2106.75	2086.64	0.84	ppb
Potassium	39-2	32356.03	32999.12	32816.69	32723.95	1.01	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				135		%
Scandium	45-2				135		%
Selenium	82-1	2.60	2.72	1.95	2.42	17.20	ppb
Selenium	77-2	48.75	45.92	43.89	46.19	5.28	ppb
Selenium	78-2	8.74	8.03	6.47	7.75	14.98	ppb
Silicon	28-1	613.98	659.36	591.10	621.48	5.59	ppb
Silver	107-1	0.24	0.27	0.29	0.27	9.14	ppb
Silver	109-1	0.21	0.23	0.24	0.23	7.89	ppb
Sodium	23-2	1728.98	1749.11	1737.28	1738.46	0.58	ppb
Strontium	86-1	52.78	53.93	53.36	53.36	1.08	ppb
Strontium	88-1	55.93	56.25	56.79	56.32	0.77	ppb
Sulfur	34-1	-2085.19	-1965.21	-1957.01	-2002.47		ppb
Terbium	159-1				123		%
Terbium	159-2				119		%
Thallium	203-1	2.29	2.30	2.29	2.29	0.25	ppb
Thallium	205-1	2.25	2.30	2.27	2.28	1.00	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	66.68	66.32	67.43	66.81	0.85	ppb
Tin	118-1	3.27	4.36	3.34	3.66	16.70	ppb
Titanium	47-1	2010.08	2009.66	1961.72	1993.82	1.39	ppb
Uranium	238-1	6.82	6.92	6.98	6.91	1.19	ppb
Vanadium	51-2	150.06	152.00	150.31	150.79	0.70	ppb
Yttrium	89-1				165		%
Yttrium	89-2				162		%
Zinc	66-2	307.86	313.09	311.47	310.81	0.86	ppb
Zirconium	90-1	27.77	28.33	28.17	28.09	1.02	ppb
Zirconium	91-1	27.82	28.77	28.08	28.23	1.74	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:51:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97511.54	96260.21	97323.84	97031.86	0.70	ppb
Antimony	121-1	0.14	0.16	0.18	0.16	11.66	ppb
Arsenic	75-2	16.77	16.92	16.98	16.89	0.64	ppb
Barium	135-1	935.18	929.17	910.42	924.92	1.40	ppb
Barium	137-1	941.91	930.22	928.04	933.39	0.80	ppb
Beryllium	9-1	8.35	7.95	8.10	8.13	2.47	ppb
Bismuth	209-1				116		%
Bismuth	209-2				112		%
Boron	10-1	7.48	7.75	8.69	7.97	7.94	ppb
Boron	11-1	8.21	8.65	8.58	8.48	2.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.57	0.76	0.72	0.68	14.31	ppb
Cadmium	106-1	5.87	8.42	7.29	7.19	17.79	ppb
Cadmium	108-1	2.46	2.87	2.62	2.65	7.73	ppb
Calcium	43-1	8200.11	8268.71	8269.61	8246.14	0.48	ppb
Calcium	44-1	7849.45	7910.44	7958.13	7906.00	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.33	107.95	107.91	107.73	0.32	ppb
Cobalt	59-2	55.91	55.62	55.86	55.79	0.27	ppb
Copper	63-2	2407.06	2368.77	2406.26	2394.03	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				119		%
Indium	115-1				120		%
Indium	115-2				117		%
Iron	56-2	122531.50	121789.98	121098.61	121806.70	0.59	ppb
Iron	57-2	122262.91	123414.99	123265.34	122981.08	0.51	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:51:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	122350.12	121932.59	121109.55	121797.42	0.52	ppb
Krypton	83-1						cps
Lead	206-1	45.39	46.54	46.88	46.27	1.69	ppb
Lead	207-1	40.59	41.08	42.01	41.23	1.76	ppb
Lead	208-1	42.80	43.56	44.01	43.46	1.41	ppb
Lithium	6-1				113		%
Magnesium	24-2	34660.59	34161.21	34896.40	34572.73	1.09	ppb
Manganese	55-2	3214.62	3201.85	3165.31	3193.93	0.80	ppb
Molybdenum	94-1	45.29	48.00	45.09	46.13	3.53	ppb
Molybdenum	95-1	1.20	1.16	1.16	1.17	1.99	ppb
Molybdenum	96-1	6.35	6.43	6.33	6.37	0.83	ppb
Molybdenum	97-1	1.12	1.09	1.05	1.09	3.35	ppb
Molybdenum	98-1	1.07	1.12	1.13	1.11	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.71	88.76	89.22	89.23	0.54	ppb
Phosphorus	31-2	2741.48	2666.43	2702.01	2703.31	1.39	ppb
Potassium	39-2	11850.40	11699.14	11823.76	11791.10	0.68	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				134		%
Scandium	45-2				132		%
Selenium	82-1	1.90	1.28	1.97	1.71	22.11	ppb
Selenium	77-2	49.53	50.99	48.78	49.77	2.26	ppb
Selenium	78-2	8.78	8.83	8.73	8.78	0.58	ppb
Silicon	28-1	612.94	641.27	670.92	641.71	4.52	ppb
Silver	107-1	0.46	0.51	0.52	0.50	6.64	ppb
Silver	109-1	0.44	0.47	0.47	0.46	4.09	ppb
Sodium	23-2	559.30	564.49	566.20	563.33	0.64	ppb
Strontium	86-1	39.72	39.62	39.48	39.61	0.30	ppb
Strontium	88-1	41.20	41.54	41.55	41.43	0.48	ppb
Sulfur	34-1	-2041.71	-1996.19	-1895.24	-1977.71		ppb
Terbium	159-1				123		%
Terbium	159-2				119		%
Thallium	203-1	0.78	0.85	0.84	0.82	4.68	ppb
Thallium	205-1	0.79	0.85	0.80	0.81	3.76	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:51:17	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	56.00	57.85	55.63	56.49	2.11	ppb
Tin	118-1	3.44	3.25	3.24	3.31	3.43	ppb
Titanium	47-1	1425.63	1421.24	1430.33	1425.73	0.32	ppb
Uranium	238-1	16.50	17.20	17.04	16.91	2.16	ppb
Vanadium	51-2	150.00	150.69	149.89	150.19	0.29	ppb
Yttrium	89-1				145		%
Yttrium	89-2				143		%
Zinc	66-2	319.82	317.83	319.51	319.05	0.34	ppb
Zirconium	90-1	24.54	24.60	26.14	25.09	3.61	ppb
Zirconium	91-1	24.80	24.40	25.01	24.73	1.26	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76629.31	76227.11	75545.10	76133.84	0.72	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.52	ppb
Arsenic	75-2	4.33	4.28	4.45	4.35	1.98	ppb
Barium	135-1	1237.75	1266.86	1250.62	1251.74	1.17	ppb
Barium	137-1	1259.34	1275.04	1280.50	1271.63	0.86	ppb
Beryllium	9-1	7.41	7.38	7.31	7.37	0.70	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Boron	10-1	6.22	6.49	5.86	6.19	5.10	ppb
Boron	11-1	6.62	6.63	6.72	6.65	0.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.47	0.45	0.43	0.45	4.57	ppb
Cadmium	106-1	4.61	4.87	4.37	4.62	5.45	ppb
Cadmium	108-1	1.12	2.03	1.96	1.70	29.58	ppb
Calcium	43-1	5615.38	5746.18	5620.58	5660.71	1.31	ppb
Calcium	44-1	5401.52	5526.92	5414.20	5447.55	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.83	76.01	74.99	75.94	1.22	ppb
Cobalt	59-2	47.79	47.44	47.81	47.68	0.44	ppb
Copper	63-2	2786.63	2749.93	2784.40	2773.65	0.74	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				122		%
Holmium	165-2				118		%
Indium	115-1				119		%
Indium	115-2				118		%
Iron	56-2	91596.34	89870.58	90174.59	90547.17	1.02	ppb
Iron	57-2	91524.07	90613.51	91545.23	91227.60	0.58	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	90872.71	90507.52	89890.05	90423.43	0.55	ppb
Krypton	83-1						cps
Lead	206-1	16.89	17.42	17.42	17.24	1.78	ppb
Lead	207-1	14.22	14.73	14.78	14.58	2.12	ppb
Lead	208-1	15.49	15.91	15.97	15.79	1.64	ppb
Lithium	6-1				114		%
Magnesium	24-2	40094.50	39794.35	39639.18	39842.68	0.58	ppb
Manganese	55-2	3152.17	3161.96	3116.81	3143.65	0.76	ppb
Molybdenum	94-1	30.42	30.89	31.08	30.80	1.12	ppb
Molybdenum	95-1	1.14	1.14	1.15	1.14	0.79	ppb
Molybdenum	96-1	4.58	4.66	4.78	4.67	2.16	ppb
Molybdenum	97-1	1.16	1.13	1.08	1.12	3.55	ppb
Molybdenum	98-1	1.03	1.08	1.04	1.05	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.23	74.66	74.91	74.93	0.38	ppb
Phosphorus	31-2	1745.26	1799.46	1810.65	1785.13	1.96	ppb
Potassium	39-2	6564.73	6667.23	6635.24	6622.40	0.79	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				127		%
Scandium	45-2				125		%
Selenium	82-1	1.02	0.63	0.31	0.65	54.79	ppb
Selenium	77-2	37.00	36.22	38.78	37.33	3.50	ppb
Selenium	78-2	5.61	5.52	5.83	5.66	2.87	ppb
Silicon	28-1	479.08	499.75	790.22	589.68	29.50	ppb
Silver	107-1	0.23	0.27	0.27	0.26	8.00	ppb
Silver	109-1	0.23	0.26	0.26	0.25	7.42	ppb
Sodium	23-2	281.68	280.96	282.26	281.63	0.23	ppb
Strontium	86-1	48.28	49.24	48.99	48.84	1.02	ppb
Strontium	88-1	50.52	50.95	51.18	50.89	0.66	ppb
Sulfur	34-1	-1868.90	-1765.14	-1826.19	-1820.08		ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	0.30	0.30	0.30	0.30	1.21	ppb
Thallium	205-1	0.29	0.28	0.29	0.29	2.79	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	66.92	66.95	67.71	67.20	0.67	ppb
Tin	118-1	3.95	3.97	3.97	3.96	0.21	ppb
Titanium	47-1	326.30	334.27	329.66	330.08	1.21	ppb
Uranium	238-1	8.27	8.60	8.62	8.50	2.32	ppb
Vanadium	51-2	105.06	105.56	104.92	105.18	0.32	ppb
Yttrium	89-1				137		%
Yttrium	89-2				135		%
Zinc	66-2	245.08	243.92	246.75	245.25	0.58	ppb
Zirconium	90-1	16.41	16.49	16.59	16.50	0.55	ppb
Zirconium	91-1	16.26	16.96	16.97	16.73	2.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51454.14	51600.19	50818.54	51290.96	0.81	ppb
Antimony	121-1	0.12	0.11	0.11	0.11	6.42	ppb
Arsenic	75-2	6.86	6.71	7.10	6.89	2.82	ppb
Barium	135-1	1164.59	1180.85	1183.58	1176.34	0.87	ppb
Barium	137-1	1188.98	1185.44	1198.73	1191.05	0.58	ppb
Beryllium	9-1	7.68	7.73	7.97	7.79	1.95	ppb
Bismuth	209-1				117		%
Bismuth	209-2				114		%
Boron	10-1	5.95	5.90	6.44	6.10	4.93	ppb
Boron	11-1	5.95	6.12	6.21	6.09	2.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.40	0.35	0.48	0.41	14.92	ppb
Cadmium	106-1	4.21	3.47	5.17	4.28	19.88	ppb
Cadmium	108-1	1.42	1.43	1.73	1.53	11.50	ppb
Calcium	43-1	7942.33	8036.83	7975.04	7984.73	0.60	ppb
Calcium	44-1	7498.66	7723.93	7677.13	7633.24	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.82	98.51	97.46	98.26	0.72	ppb
Cobalt	59-2	33.52	33.40	33.11	33.34	0.64	ppb
Copper	63-2	2022.81	1983.58	2000.55	2002.32	0.98	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				122		%
Holmium	165-2				119		%
Indium	115-1				121		%
Indium	115-2				119		%
Iron	56-2	60747.35	60848.55	60454.43	60683.44	0.34	ppb
Iron	57-2	61339.44	60915.60	59918.66	60724.57	1.20	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	60360.39	60242.52	60040.39	60214.43	0.27	ppb
Krypton	83-1						cps
Lead	206-1	16.99	17.17	17.06	17.08	0.53	ppb
Lead	207-1	14.78	14.92	14.67	14.79	0.87	ppb
Lead	208-1	16.06	15.99	15.99	16.01	0.25	ppb
Lithium	6-1				112		%
Magnesium	24-2	24189.13	24081.37	23730.51	24000.34	1.00	ppb
Manganese	55-2	1944.77	1940.35	1931.49	1938.87	0.35	ppb
Molybdenum	94-1	30.03	29.31	29.51	29.61	1.25	ppb
Molybdenum	95-1	3.25	3.17	3.37	3.26	2.98	ppb
Molybdenum	96-1	6.22	6.19	6.20	6.21	0.25	ppb
Molybdenum	97-1	3.23	3.19	3.19	3.20	0.70	ppb
Molybdenum	98-1	3.16	3.17	3.16	3.16	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.30	48.50	47.79	48.20	0.75	ppb
Phosphorus	31-2	2828.46	2783.33	2753.84	2788.54	1.35	ppb
Potassium	39-2	4574.43	4629.13	4534.86	4579.47	1.03	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				126		%
Scandium	45-2				126		%
Selenium	82-1	0.20	1.16	1.68	1.01	74.21	ppb
Selenium	77-2	43.51	41.78	45.92	43.74	4.75	ppb
Selenium	78-2	6.90	7.12	6.57	6.86	4.08	ppb
Silicon	28-1	376.54	445.07	444.66	422.09	9.35	ppb
Silver	107-1	0.29	0.36	0.33	0.33	10.49	ppb
Silver	109-1	0.30	0.29	0.32	0.30	5.56	ppb
Sodium	23-2	643.40	679.82	644.67	655.96	3.15	ppb
Strontium	86-1	34.28	34.04	34.18	34.17	0.36	ppb
Strontium	88-1	36.02	36.04	36.42	36.16	0.63	ppb
Sulfur	34-1	-1785.65	-1711.72	-1679.07	-1725.48		ppb
Terbium	159-1				123		%
Terbium	159-2				119		%
Thallium	203-1	0.26	0.26	0.30	0.27	7.01	ppb
Thallium	205-1	0.28	0.29	0.27	0.28	2.60	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	69.15	68.67	69.27	69.03	0.46	ppb
Tin	118-1	3.59	4.61	3.79	4.00	13.47	ppb
Titanium	47-1	693.03	700.99	677.88	690.63	1.70	ppb
Uranium	238-1	17.02	17.28	17.22	17.17	0.79	ppb
Vanadium	51-2	83.08	83.82	82.13	83.01	1.02	ppb
Yttrium	89-1				141		%
Yttrium	89-2				139		%
Zinc	66-2	185.31	181.70	180.44	182.49	1.39	ppb
Zirconium	90-1	14.47	14.67	14.57	14.57	0.70	ppb
Zirconium	91-1	14.31	14.74	14.66	14.57	1.57	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102160.40	102602.51	101131.84	101964.92	0.74	ppb
Antimony	121-1	0.11	0.12	0.09	0.11	11.51	ppb
Arsenic	75-2	7.66	8.05	7.73	7.81	2.70	ppb
Barium	135-1	1267.65	1279.65	1274.26	1273.85	0.47	ppb
Barium	137-1	1266.05	1279.22	1277.55	1274.27	0.56	ppb
Beryllium	9-1	22.45	22.01	22.30	22.26	1.00	ppb
Bismuth	209-1				116		%
Bismuth	209-2				112		%
Boron	10-1	11.50	11.44	11.35	11.43	0.67	ppb
Boron	11-1	11.61	12.13	11.93	11.89	2.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.40	1.32	1.40	1.37	3.64	ppb
Cadmium	106-1	12.62	11.96	12.28	12.29	2.68	ppb
Cadmium	108-1	4.26	4.10	4.14	4.17	1.98	ppb
Calcium	43-1	14894.68	14903.04	15051.09	14949.60	0.59	ppb
Calcium	44-1	14200.71	14278.70	14469.08	14316.16	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.49	134.82	134.26	134.86	0.46	ppb
Cobalt	59-2	76.69	77.22	77.35	77.09	0.45	ppb
Copper	63-2	848.36	843.65	848.70	846.90	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				123		%
Holmium	165-2				120		%
Indium	115-1				116		%
Indium	115-2				116		%
Iron	56-2	155018.97	154090.71	153083.16	154064.28	0.63	ppb
Iron	57-2	154934.02	155116.20	153136.57	154395.60	0.71	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	154472.24	154438.55	151433.19	153447.99	1.14	ppb
Krypton	83-1						cps
Lead	206-1	270.35	281.36	274.72	275.48	2.01	ppb
Lead	207-1	257.72	270.41	267.09	265.07	2.48	ppb
Lead	208-1	263.72	272.40	269.51	268.54	1.65	ppb
Lithium	6-1				112		%
Magnesium	24-2	44684.10	45193.88	44044.84	44640.94	1.29	ppb
Manganese	55-2	2178.70	2172.41	2129.09	2160.07	1.25	ppb
Molybdenum	94-1	58.29	60.42	59.38	59.36	1.80	ppb
Molybdenum	95-1	0.50	0.52	0.55	0.52	4.50	ppb
Molybdenum	96-1	7.25	7.10	7.23	7.20	1.11	ppb
Molybdenum	97-1	0.48	0.52	0.54	0.51	5.87	ppb
Molybdenum	98-1	0.48	0.51	0.51	0.50	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	168.91	169.52	168.82	169.08	0.23	ppb
Phosphorus	31-2	663.12	688.26	684.26	678.55	1.99	ppb
Potassium	39-2	39687.63	39346.35	38816.94	39283.64	1.12	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				139		%
Scandium	45-2				139		%
Selenium	82-1	2.81	1.77	2.47	2.35	22.52	ppb
Selenium	77-2	64.13	62.14	58.98	61.75	4.20	ppb
Selenium	78-2	9.43	10.14	9.45	9.67	4.17	ppb
Silicon	28-1	371.55	280.04	296.27	315.95	15.45	ppb
Silver	107-1	0.28	0.31	0.31	0.30	5.26	ppb
Silver	109-1	0.23	0.26	0.26	0.25	5.88	ppb
Sodium	23-2	1661.61	1655.45	1654.07	1657.04	0.24	ppb
Strontium	86-1	72.40	73.92	74.70	73.67	1.59	ppb
Strontium	88-1	77.05	77.57	77.70	77.44	0.44	ppb
Sulfur	34-1	-2140.52	-2097.15	-2061.17	-2099.61		ppb
Terbium	159-1				123		%
Terbium	159-2				119		%
Thallium	203-1	2.81	2.83	2.84	2.83	0.62	ppb
Thallium	205-1	2.77	2.84	2.83	2.81	1.38	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	79.08	81.55	81.79	80.81	1.86	ppb
Tin	118-1	2.82	2.58	2.74	2.71	4.53	ppb
Titanium	47-1	1987.00	1985.14	2011.15	1994.43	0.73	ppb
Uranium	238-1	10.67	11.19	10.97	10.94	2.42	ppb
Vanadium	51-2	169.42	171.78	167.64	169.61	1.22	ppb
Yttrium	89-1				161		%
Yttrium	89-2				159		%
Zinc	66-2	317.88	313.56	314.62	315.35	0.71	ppb
Zirconium	90-1	31.80	32.66	32.35	32.27	1.34	ppb
Zirconium	91-1	31.54	33.10	32.61	32.41	2.46	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79018.42	78505.06	78749.07	78757.51	0.33	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	9.69	ppb
Arsenic	75-2	15.31	15.40	15.15	15.29	0.84	ppb
Barium	135-1	1939.37	1952.00	1923.66	1938.34	0.73	ppb
Barium	137-1	1942.56	1948.73	1952.00	1947.76	0.25	ppb
Beryllium	9-1	21.68	22.42	22.27	22.12	1.76	ppb
Bismuth	209-1				117		%
Bismuth	209-2				112		%
Boron	10-1	6.62	6.23	6.61	6.48	3.42	ppb
Boron	11-1	6.62	7.18	7.45	7.09	6.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.22	1.18	1.19	1.20	1.62	ppb
Cadmium	106-1	10.49	10.86	10.72	10.69	1.75	ppb
Cadmium	108-1	3.10	3.98	3.91	3.66	13.48	ppb
Calcium	43-1	12598.90	12854.42	12735.18	12729.50	1.00	ppb
Calcium	44-1	12216.79	12320.97	12339.72	12292.50	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.72	97.93	97.56	97.74	0.19	ppb
Cobalt	59-2	65.64	64.79	65.48	65.31	0.69	ppb
Copper	63-2	51.22	50.84	50.49	50.85	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				119		%
Indium	115-1				117		%
Indium	115-2				116		%
Iron	56-2	179052.16	176963.29	179777.64	178597.70	0.82	ppb
Iron	57-2	181944.51	179249.68	178833.56	180009.25	0.94	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	180493.22	178087.95	178806.29	179129.15	0.69	ppb
Krypton	83-1						cps
Lead	206-1	310.89	316.56	312.09	313.18	0.95	ppb
Lead	207-1	299.97	308.07	298.67	302.24	1.69	ppb
Lead	208-1	305.10	307.22	304.09	305.47	0.52	ppb
Lithium	6-1				112		%
Magnesium	24-2	34227.63	34016.58	34405.53	34216.58	0.57	ppb
Manganese	55-2	2553.86	2521.03	2537.87	2537.59	0.65	ppb
Molybdenum	94-1	49.56	50.17	52.66	50.80	3.24	ppb
Molybdenum	95-1	0.35	0.30	0.33	0.32	6.76	ppb
Molybdenum	96-1	6.10	6.29	6.24	6.21	1.56	ppb
Molybdenum	97-1	0.36	0.35	0.32	0.34	6.25	ppb
Molybdenum	98-1	0.31	0.32	0.33	0.32	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.57	129.06	129.98	129.53	0.36	ppb
Phosphorus	31-2	3990.15	3899.21	4061.62	3983.66	2.04	ppb
Potassium	39-2	28443.74	28013.21	28161.61	28206.19	0.78	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				137		%
Scandium	45-2				134		%
Selenium	82-1	1.23	2.06	1.99	1.76	26.32	ppb
Selenium	77-2	51.39	52.01	52.22	51.87	0.83	ppb
Selenium	78-2	7.93	8.58	8.02	8.18	4.28	ppb
Silicon	28-1	529.73	549.60	484.51	521.28	6.40	ppb
Silver	107-1	0.06	0.07	0.06	0.06	5.74	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.02	ppb
Sodium	23-2	1771.68	1764.84	1764.94	1767.15	0.22	ppb
Strontium	86-1	63.32	64.23	64.88	64.15	1.22	ppb
Strontium	88-1	66.82	67.51	68.67	67.67	1.38	ppb
Sulfur	34-1	-1802.57	-1764.96	-1766.74	-1778.09		ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	1.81	1.83	1.87	1.84	1.45	ppb
Thallium	205-1	1.78	1.83	1.77	1.79	2.06	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	67.15	67.28	66.97	67.13	0.23	ppb
Tin	118-1	1.77	1.81	1.85	1.81	2.27	ppb
Titanium	47-1	1375.48	1387.16	1383.41	1382.02	0.43	ppb
Uranium	238-1	11.91	12.12	12.04	12.02	0.89	ppb
Vanadium	51-2	203.10	196.49	197.05	198.88	1.84	ppb
Yttrium	89-1				161		%
Yttrium	89-2				158		%
Zinc	66-2	288.56	283.19	283.44	285.06	1.06	ppb
Zirconium	90-1	27.19	27.59	27.96	27.58	1.39	ppb
Zirconium	91-1	27.14	27.80	28.58	27.84	2.60	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51090.33	50431.65	51453.03	50991.67	1.02	ppb
Antimony	121-1	536.91	535.46	536.69	536.35	0.15	ppb
Arsenic	75-2	498.66	488.05	498.73	495.15	1.24	ppb
Barium	135-1	2595.11	2596.05	2614.09	2601.75	0.41	ppb
Barium	137-1	2605.27	2621.07	2591.73	2606.02	0.56	ppb
Beryllium	9-1	506.77	519.59	511.26	512.54	1.27	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	440.33	460.60	469.47	456.80	3.27	ppb
Boron	11-1	465.64	475.97	474.98	472.20	1.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	540.48	535.45	537.61	537.84	0.47	ppb
Cadmium	106-1	541.95	535.57	537.81	538.44	0.60	ppb
Cadmium	108-1	534.53	528.01	530.94	531.16	0.61	ppb
Calcium	43-1	253071.47	246374.26	246084.48	248510.07	1.59	ppb
Calcium	44-1	251204.46	244786.01	240922.30	245637.59	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.25	501.88	505.52	505.22	0.63	ppb
Cobalt	59-2	498.30	494.50	490.57	494.45	0.78	ppb
Copper	63-2	4915.15	4866.96	5001.60	4927.91	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	125623.48	123463.10	124621.99	124569.52	0.87	ppb
Iron	57-2	126444.83	125155.93	126628.22	126076.33	0.64	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126331.65	124824.07	126104.44	125753.39	0.65	ppb
Krypton	83-1						cps
Lead	206-1	2574.02	2513.61	2552.38	2546.67	1.20	ppb
Lead	207-1	2599.51	2519.42	2558.77	2559.24	1.56	ppb
Lead	208-1	2595.56	2530.11	2566.83	2564.17	1.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	250946.84	249794.72	249183.01	249974.86	0.36	ppb
Manganese	55-2	4998.45	4920.70	4965.67	4961.61	0.79	ppb
Molybdenum	94-1	5264.71	5016.72	5019.69	5100.37	2.79	ppb
Molybdenum	95-1	5218.04	4975.78	5023.56	5072.46	2.53	ppb
Molybdenum	96-1	5219.69	5039.47	5001.85	5087.00	2.29	ppb
Molybdenum	97-1	5214.38	5057.27	4998.53	5090.06	2.19	ppb
Molybdenum	98-1	5224.58	4999.62	4979.17	5067.79	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.35	465.48	465.21	467.35	0.74	ppb
Phosphorus	31-2	10516.24	10366.64	10430.03	10437.64	0.72	ppb
Potassium	39-2	129349.25	128087.31	130164.95	129200.50	0.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	509.74	494.38	489.00	497.71	2.16	ppb
Selenium	77-2	498.61	495.64	498.24	497.49	0.33	ppb
Selenium	78-2	495.04	485.13	504.34	494.83	1.94	ppb
Silicon	28-1	485.43	481.75	477.44	481.54	0.83	ppb
Silver	107-1	523.91	521.73	520.48	522.04	0.33	ppb
Silver	109-1	529.03	521.25	520.02	523.43	0.93	ppb
Sodium	23-2	249879.45	245214.53	249419.15	248171.04	1.04	ppb
Strontium	86-1	523.68	515.41	504.55	514.55	1.86	ppb
Strontium	88-1	520.86	508.44	505.24	511.51	1.61	ppb
Sulfur	34-1	11373.39	11131.40	10865.39	11123.39	2.28	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	517.73	507.81	512.76	512.77	0.97	ppb
Thallium	205-1	519.99	513.52	508.76	514.09	1.10	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	530.80	520.28	519.95	523.68	1.18	ppb
Tin	118-1	525.90	518.24	524.86	523.00	0.79	ppb
Titanium	47-1	5083.07	5002.62	4984.06	5023.25	1.05	ppb
Uranium	238-1	532.74	520.46	521.34	524.85	1.30	ppb
Vanadium	51-2	527.68	511.77	507.81	515.75	2.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	4870.55	4791.90	4906.19	4856.22	1.20	ppb
Zirconium	90-1	522.11	512.30	503.27	512.56	1.84	ppb
Zirconium	91-1	526.75	505.80	501.49	511.34	2.64	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.97	1.03	1.02	4.93	ppb
Antimony	121-1	0.11	0.10	0.08	0.10	14.98	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.04	0.03	0.02	0.03	21.70	ppb
Barium	137-1	0.07	0.04	0.06	0.06	32.08	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	12.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	3.09	2.71	2.69	2.83	7.97	ppb
Boron	11-1	3.02	2.67	2.86	2.85	6.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.04	0.00	-0.04		ppb
Cadmium	106-1	-1.31	-0.55	-0.22	-0.69		ppb
Cadmium	108-1	0.08	-0.05	0.00	0.01	669.14	ppb
Calcium	43-1	2.02	1.88	1.41	1.77	18.13	ppb
Calcium	44-1	45.57	43.67	43.71	44.32	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.02	0.00	297.22	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	31.28	ppb
Copper	63-2	0.11	0.11	0.08	0.10	15.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	2.36	2.34	2.03	2.24	8.02	ppb
Iron	57-2	3.30	3.34	3.11	3.25	3.80	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.88	2.76	1.41	2.02	33.89	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.09	0.10	10.29	ppb
Lead	207-1	0.09	0.10	0.09	0.09	5.09	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.72	3.26	3.37	3.45	7.06	ppb
Manganese	55-2	0.09	0.08	0.07	0.08	12.30	ppb
Molybdenum	94-1	0.11	0.11	0.07	0.10	23.36	ppb
Molybdenum	95-1	0.09	0.07	0.08	0.08	13.09	ppb
Molybdenum	96-1	0.11	0.12	0.08	0.10	17.83	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	14.99	ppb
Molybdenum	98-1	0.07	0.09	0.08	0.08	15.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-17.13	-15.63	-15.38	-16.05		ppb
Potassium	39-2	23.07	27.52	24.12	24.90	9.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	0.04	-0.99	0.39	-0.19		ppb
Selenium	77-2	0.09	-0.05	-0.05	0.00		ppb
Selenium	78-2	0.59	0.34	-0.05	0.29	110.27	ppb
Silicon	28-1	2.14	2.22	2.10	2.15	2.79	ppb
Silver	107-1	0.02	0.02	0.01	0.02	20.69	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.71	ppb
Sodium	23-2	28.24	26.69	26.20	27.04	3.93	ppb
Strontium	86-1	0.03	0.06	0.01	0.03	82.27	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	2.98	ppb
Sulfur	34-1	423.59	380.44	417.63	407.22	5.74	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	220.34	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	16.90	ppb
Tin	118-1	0.06	0.05	0.04	0.05	22.99	ppb
Titanium	47-1	0.11	0.09	0.06	0.09	31.78	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	17.74	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	7.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.25	0.36	0.35	0.32	19.90	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.13	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	49.60	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	117347.30	116822.34	116186.69	116785.44	0.50	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	2.19	ppb
Arsenic	75-2	15.56	15.87	15.95	15.79	1.29	ppb
Barium	135-1	1644.43	1635.75	1638.33	1639.50	0.27	ppb
Barium	137-1	1665.27	1630.43	1646.75	1647.48	1.06	ppb
Beryllium	9-1	21.13	20.22	20.52	20.62	2.27	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	9.06	9.26	9.92	9.41	4.77	ppb
Boron	11-1	9.22	9.18	10.04	9.48	5.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.67	1.72	1.57	1.66	4.71	ppb
Cadmium	106-1	14.41	13.97	12.94	13.77	5.50	ppb
Cadmium	108-1	4.13	3.93	4.48	4.18	6.62	ppb
Calcium	43-1	17966.40	17836.75	17626.12	17809.76	0.96	ppb
Calcium	44-1	17340.11	17271.02	16971.18	17194.10	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169.58	171.49	174.04	171.71	1.30	ppb
Cobalt	59-2	116.11	115.12	115.24	115.49	0.47	ppb
Copper	63-2	313.16	316.51	312.35	314.01	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	157487.03	155758.36	156676.56	156640.65	0.55	ppb
Iron	57-2	156312.39	158152.09	157761.31	157408.60	0.62	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	155991.21	157549.87	156967.68	156836.25	0.50	ppb
Krypton	83-1						cps
Lead	206-1	325.10	322.65	325.32	324.36	0.46	ppb
Lead	207-1	312.61	308.92	309.33	310.29	0.65	ppb
Lead	208-1	316.72	314.17	318.55	316.48	0.69	ppb
Lithium	6-1				113		%
Magnesium	24-2	61477.39	60883.06	60414.78	60925.08	0.87	ppb
Manganese	55-2	8084.57	8162.68	8089.00	8112.09	0.54	ppb
Molybdenum	94-1	46.32	45.32	46.73	46.12	1.57	ppb
Molybdenum	95-1	0.56	0.61	0.56	0.58	4.85	ppb
Molybdenum	96-1	5.89	5.84	6.03	5.92	1.66	ppb
Molybdenum	97-1	0.53	0.48	0.52	0.51	5.78	ppb
Molybdenum	98-1	0.52	0.49	0.52	0.51	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	209.57	211.93	207.53	209.68	1.05	ppb
Phosphorus	31-2	1995.27	1952.08	1917.80	1955.05	1.99	ppb
Potassium	39-2	45646.78	45921.68	45116.38	45561.62	0.90	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				145		%
Scandium	45-2				146		%
Selenium	82-1	2.40	1.77	2.88	2.35	23.56	ppb
Selenium	77-2	94.35	93.94	94.86	94.39	0.49	ppb
Selenium	78-2	14.81	15.89	14.56	15.09	4.68	ppb
Silicon	28-1	402.30	454.02	389.49	415.27	8.23	ppb
Silver	107-1	0.14	0.13	0.14	0.14	2.53	ppb
Silver	109-1	0.09	0.11	0.11	0.10	11.52	ppb
Sodium	23-2	3069.74	3027.33	3036.02	3044.36	0.74	ppb
Strontium	86-1	65.56	65.16	65.47	65.40	0.32	ppb
Strontium	88-1	70.52	68.73	69.40	69.55	1.30	ppb
Sulfur	34-1	-1596.42	-1621.55	-1685.07	-1634.35		ppb
Terbium	159-1				120		%
Terbium	159-2				116		%
Thallium	203-1	3.65	3.64	3.53	3.61	1.74	ppb
Thallium	205-1	3.67	3.60	3.59	3.62	1.26	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	103.72	102.15	102.51	102.79	0.80	ppb
Tin	118-1	2.64	2.59	2.73	2.65	2.78	ppb
Titanium	47-1	2794.18	2784.13	2770.90	2783.07	0.42	ppb
Uranium	238-1	12.64	12.36	12.64	12.55	1.29	ppb
Vanadium	51-2	244.07	241.85	242.94	242.95	0.46	ppb
Yttrium	89-1				166		%
Yttrium	89-2				166		%
Zinc	66-2	430.37	428.26	428.54	429.06	0.27	ppb
Zirconium	90-1	25.12	24.83	25.51	25.15	1.37	ppb
Zirconium	91-1	25.29	24.62	25.43	25.11	1.73	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80782.16	80547.38	80341.51	80557.02	0.27	ppb
Antimony	121-1	0.09	0.10	0.10	0.09	8.35	ppb
Arsenic	75-2	16.06	15.96	16.28	16.10	1.00	ppb
Barium	135-1	2654.20	2673.91	2674.34	2667.49	0.43	ppb
Barium	137-1	2665.64	2688.74	2675.15	2676.51	0.43	ppb
Beryllium	9-1	14.90	14.92	15.22	15.02	1.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	10.55	11.24	11.42	11.07	4.13	ppb
Boron	11-1	10.98	11.19	11.93	11.37	4.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.80	1.62	1.59	1.67	6.61	ppb
Cadmium	106-1	15.55	14.28	13.86	14.57	6.04	ppb
Cadmium	108-1	4.69	4.91	4.74	4.78	2.37	ppb
Calcium	43-1	10951.00	11066.43	11068.94	11028.79	0.61	ppb
Calcium	44-1	10541.81	10665.56	10626.90	10611.42	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.56	105.92	106.18	106.22	0.30	ppb
Cobalt	59-2	61.56	61.60	61.68	61.61	0.10	ppb
Copper	63-2	1718.97	1733.72	1745.70	1732.80	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				115		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	137799.42	138332.55	138398.68	138176.88	0.24	ppb
Iron	57-2	138115.65	137939.04	137294.07	137782.92	0.31	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	137887.82	135971.27	139166.88	137675.32	1.17	ppb
Krypton	83-1						cps
Lead	206-1	264.21	266.14	268.28	266.21	0.77	ppb
Lead	207-1	259.57	257.31	255.17	257.35	0.85	ppb
Lead	208-1	260.11	262.95	261.96	261.67	0.55	ppb
Lithium	6-1				111		%
Magnesium	24-2	38087.70	37988.38	37943.24	38006.44	0.19	ppb
Manganese	55-2	4573.75	4513.24	4586.34	4557.78	0.86	ppb
Molybdenum	94-1	71.40	71.66	71.36	71.48	0.23	ppb
Molybdenum	95-1	0.55	0.52	0.56	0.55	3.35	ppb
Molybdenum	96-1	8.53	8.56	8.59	8.56	0.39	ppb
Molybdenum	97-1	0.51	0.49	0.55	0.52	5.50	ppb
Molybdenum	98-1	0.52	0.49	0.52	0.51	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.81	134.39	137.05	135.75	0.98	ppb
Phosphorus	31-2	1451.63	1415.07	1379.00	1415.23	2.57	ppb
Potassium	39-2	23062.24	22967.19	23062.31	23030.58	0.24	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				134		%
Scandium	45-2				134		%
Selenium	82-1	1.66	1.15	1.00	1.27	27.28	ppb
Selenium	77-2	51.72	50.57	50.00	50.76	1.72	ppb
Selenium	78-2	9.04	7.80	7.88	8.24	8.45	ppb
Silicon	28-1	384.59	408.55	553.54	448.89	20.36	ppb
Silver	107-1	0.35	0.36	0.38	0.36	4.00	ppb
Silver	109-1	0.30	0.33	0.35	0.33	7.01	ppb
Sodium	23-2	1545.67	1539.85	1551.73	1545.75	0.38	ppb
Strontium	86-1	53.98	55.50	55.43	54.97	1.56	ppb
Strontium	88-1	56.91	57.31	58.47	57.56	1.41	ppb
Sulfur	34-1	-1617.13	-1521.76	-1532.55	-1557.15		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	1.60	1.63	1.66	1.63	1.88	ppb
Thallium	205-1	1.55	1.64	1.59	1.59	2.91	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	71.33	71.15	72.29	71.59	0.86	ppb
Tin	118-1	2.25	2.22	2.22	2.23	0.72	ppb
Titanium	47-1	1394.37	1409.80	1386.05	1396.74	0.86	ppb
Uranium	238-1	8.62	8.84	8.77	8.74	1.29	ppb
Vanadium	51-2	150.67	151.00	151.46	151.04	0.26	ppb
Yttrium	89-1				151		%
Yttrium	89-2				150		%
Zinc	66-2	250.30	247.39	250.75	249.48	0.73	ppb
Zirconium	90-1	40.18	41.01	39.98	40.39	1.35	ppb
Zirconium	91-1	38.76	39.27	39.32	39.12	0.80	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88475.27	84371.02	84592.99	85813.09	2.69	ppb
Antimony	121-1	0.12	0.12	0.12	0.12	3.77	ppb
Arsenic	75-2	5.76	5.45	5.72	5.64	2.93	ppb
Barium	135-1	888.75	862.50	863.31	871.52	1.71	ppb
Barium	137-1	878.92	866.62	882.75	876.10	0.96	ppb
Beryllium	9-1	8.32	8.41	8.29	8.34	0.74	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	6.57	7.19	6.70	6.82	4.80	ppb
Boron	11-1	6.19	6.86	6.73	6.59	5.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.66	0.52	0.55	0.58	12.95	ppb
Cadmium	106-1	8.62	8.16	7.14	7.97	9.45	ppb
Cadmium	108-1	1.64	3.40	1.95	2.33	40.15	ppb
Calcium	43-1	7864.83	8115.97	7891.50	7957.43	1.73	ppb
Calcium	44-1	7584.96	7723.93	7544.97	7617.95	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.99	89.30	90.04	90.44	1.54	ppb
Cobalt	59-2	33.36	32.86	32.74	32.99	1.01	ppb
Copper	63-2	1633.15	1574.51	1565.93	1591.20	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	66093.40	64920.29	64869.60	65294.43	1.06	ppb
Iron	57-2	66477.60	65755.72	64676.31	65636.54	1.38	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	66281.43	65120.15	64857.21	65419.59	1.16	ppb
Krypton	83-1						cps
Lead	206-1	36.02	36.52	36.80	36.45	1.08	ppb
Lead	207-1	32.49	32.32	32.65	32.49	0.51	ppb
Lead	208-1	34.00	34.25	34.33	34.19	0.50	ppb
Lithium	6-1				112		%
Magnesium	24-2	28094.76	26941.40	27126.42	27387.53	2.26	ppb
Manganese	55-2	1422.97	1396.31	1387.16	1402.15	1.33	ppb
Molybdenum	94-1	33.97	35.81	34.17	34.65	2.92	ppb
Molybdenum	95-1	1.68	1.51	1.63	1.61	5.35	ppb
Molybdenum	96-1	5.25	5.24	5.24	5.24	0.15	ppb
Molybdenum	97-1	1.58	1.54	1.46	1.53	4.09	ppb
Molybdenum	98-1	1.55	1.54	1.53	1.54	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.60	59.13	58.25	58.99	1.15	ppb
Phosphorus	31-2	1071.62	1062.80	1026.74	1053.72	2.26	ppb
Potassium	39-2	11652.37	11576.60	11443.70	11557.56	0.91	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				127		%
Scandium	45-2				128		%
Selenium	82-1	0.45	1.85	1.23	1.18	59.43	ppb
Selenium	77-2	46.21	42.84	42.64	43.89	4.57	ppb
Selenium	78-2	7.94	7.40	7.39	7.58	4.20	ppb
Silicon	28-1	731.01	826.06	691.53	749.53	9.23	ppb
Silver	107-1	0.38	0.40	0.39	0.39	2.97	ppb
Silver	109-1	0.36	0.38	0.39	0.38	4.06	ppb
Sodium	23-2	453.42	439.66	440.82	444.63	1.72	ppb
Strontium	86-1	33.52	33.18	33.27	33.32	0.52	ppb
Strontium	88-1	35.13	34.88	34.71	34.91	0.61	ppb
Sulfur	34-1	-1838.88	-1719.93	-1839.05	-1799.28		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	0.64	0.70	0.67	0.67	4.84	ppb
Thallium	205-1	0.71	0.67	0.71	0.70	3.56	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.79	46.18	46.85	46.27	1.15	ppb
Tin	118-1	3.69	3.65	3.79	3.71	2.07	ppb
Titanium	47-1	886.46	905.62	948.26	913.45	3.46	ppb
Uranium	238-1	11.81	11.82	11.98	11.87	0.79	ppb
Vanadium	51-2	103.16	102.48	102.75	102.80	0.33	ppb
Yttrium	89-1				146		%
Yttrium	89-2				144		%
Zinc	66-2	267.27	261.54	261.69	263.50	1.24	ppb
Zirconium	90-1	18.00	18.66	17.81	18.16	2.47	ppb
Zirconium	91-1	18.50	18.10	18.85	18.48	2.03	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18332.72	18039.95	18069.91	18147.53	0.89	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	2.50	ppb
Arsenic	75-2	1.35	1.32	1.32	1.33	1.13	ppb
Barium	135-1	176.74	177.11	175.40	176.42	0.51	ppb
Barium	137-1	180.19	176.48	180.12	178.93	1.19	ppb
Beryllium	9-1	1.70	1.66	1.71	1.69	1.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	3.39	3.13	3.27	3.26	3.96	ppb
Boron	11-1	2.76	2.97	2.96	2.90	4.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.16	0.08	0.09	74.02	ppb
Cadmium	106-1	0.31	1.85	1.03	1.06	72.35	ppb
Cadmium	108-1	0.45	0.31	0.37	0.38	18.95	ppb
Calcium	43-1	1658.53	1679.71	1705.20	1681.15	1.39	ppb
Calcium	44-1	1659.72	1677.26	1638.82	1658.60	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.29	19.13	19.34	19.25	0.57	ppb
Cobalt	59-2	7.22	7.29	7.26	7.26	0.49	ppb
Copper	63-2	356.63	358.97	362.20	359.27	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	14377.10	14574.95	14641.60	14531.22	0.95	ppb
Iron	57-2	14558.10	14655.75	14839.91	14684.59	0.97	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14359.88	14679.23	14665.76	14568.29	1.24	ppb
Krypton	83-1						cps
Lead	206-1	7.13	7.13	7.39	7.22	2.06	ppb
Lead	207-1	6.46	6.25	6.46	6.39	1.92	ppb
Lead	208-1	6.77	6.66	6.75	6.72	0.83	ppb
Lithium	6-1				98		%
Magnesium	24-2	6117.36	6102.01	6055.99	6091.79	0.52	ppb
Manganese	55-2	316.35	315.84	325.53	319.24	1.71	ppb
Molybdenum	94-1	7.87	7.96	7.53	7.79	2.87	ppb
Molybdenum	95-1	0.47	0.43	0.44	0.45	4.63	ppb
Molybdenum	96-1	1.27	1.31	1.30	1.29	1.53	ppb
Molybdenum	97-1	0.46	0.45	0.37	0.42	11.31	ppb
Molybdenum	98-1	0.39	0.43	0.46	0.43	7.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.71	12.62	12.59	12.64	0.49	ppb
Phosphorus	31-2	222.32	208.11	202.51	210.98	4.84	ppb
Potassium	39-2	2485.33	2521.19	2480.87	2495.79	0.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	0.72	0.09	0.38	0.40	79.39	ppb
Selenium	77-2	13.72	9.62	13.00	12.11	18.04	ppb
Selenium	78-2	1.76	1.69	2.68	2.04	27.16	ppb
Silicon	28-1	228.88	300.93	259.72	263.18	13.74	ppb
Silver	107-1	0.09	0.09	0.11	0.10	9.00	ppb
Silver	109-1	0.09	0.10	0.10	0.10	5.17	ppb
Sodium	23-2	100.87	98.98	101.56	100.47	1.33	ppb
Strontium	86-1	7.98	8.06	8.30	8.11	2.08	ppb
Strontium	88-1	8.13	8.36	8.09	8.19	1.80	ppb
Sulfur	34-1	-1615.47	-1616.78	-1680.54	-1637.60		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.11	0.12	0.13	22.13	ppb
Thallium	205-1	0.11	0.13	0.11	0.12	7.01	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.88	7.79	7.79	7.82	0.67	ppb
Tin	118-1	0.95	0.88	0.94	0.92	4.40	ppb
Titanium	47-1	216.69	218.85	214.97	216.84	0.90	ppb
Uranium	238-1	2.35	2.33	2.37	2.35	0.91	ppb
Vanadium	51-2	22.14	22.69	22.44	22.42	1.21	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	57.82	57.15	57.52	57.50	0.58	ppb
Zirconium	90-1	4.05	4.09	3.98	4.04	1.45	ppb
Zirconium	91-1	4.02	4.09	3.94	4.02	1.90	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88188.79	86966.15	87501.72	87552.22	0.70	ppb
Antimony	121-1	161.92	160.00	160.41	160.78	0.63	ppb
Arsenic	75-2	450.22	459.27	450.74	453.41	1.12	ppb
Barium	135-1	3314.99	3305.67	3314.36	3311.67	0.16	ppb
Barium	137-1	3337.94	3325.54	3295.89	3319.79	0.65	ppb
Beryllium	9-1	524.52	533.02	517.54	525.03	1.48	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	272.57	295.54	297.41	288.51	4.79	ppb
Boron	11-1	273.63	303.11	293.94	290.23	5.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	535.44	549.16	536.39	540.33	1.42	ppb
Cadmium	106-1	542.28	529.67	522.73	531.56	1.86	ppb
Cadmium	108-1	514.87	512.93	506.17	511.32	0.89	ppb
Calcium	43-1	53378.77	54872.50	53029.16	53760.14	1.82	ppb
Calcium	44-1	52433.91	52964.99	52504.53	52634.48	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	547.07	541.28	544.24	544.20	0.53	ppb
Cobalt	59-2	502.72	495.54	502.92	500.39	0.84	ppb
Copper	63-2	6577.20	6562.17	6584.44	6574.60	0.17	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				117		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	56-2	85616.34	84703.77	86195.31	85505.14	0.88	ppb
Iron	57-2	86145.40	85231.81	86068.23	85815.14	0.59	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	86197.66	85025.31	87073.39	86098.79	1.19	ppb
Krypton	83-1						cps
Lead	206-1	2546.72	2529.52	2490.64	2522.29	1.14	ppb
Lead	207-1	2562.15	2548.39	2529.66	2546.73	0.64	ppb
Lead	208-1	2550.26	2546.94	2533.51	2543.57	0.35	ppb
Lithium	6-1				112		%
Magnesium	24-2	71741.93	71932.52	71408.02	71694.16	0.37	ppb
Manganese	55-2	6500.43	6418.12	6485.12	6467.89	0.68	ppb
Molybdenum	94-1	2391.12	2354.78	2375.38	2373.76	0.77	ppb
Molybdenum	95-1	1993.57	1980.72	1957.91	1977.40	0.91	ppb
Molybdenum	96-1	2028.02	2035.84	2021.77	2028.54	0.35	ppb
Molybdenum	97-1	1975.47	1993.52	1973.17	1980.72	0.56	ppb
Molybdenum	98-1	1963.17	1984.46	1958.09	1968.58	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.86	525.50	536.10	533.82	1.40	ppb
Phosphorus	31-2	1003.32	993.55	1021.38	1006.09	1.40	ppb
Potassium	39-2	33963.79	34106.38	33615.59	33895.25	0.74	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				129		%
Scandium	45-2				125		%
Selenium	82-1	435.70	439.20	435.80	436.90	0.46	ppb
Selenium	77-2	488.51	490.68	481.86	487.01	0.94	ppb
Selenium	78-2	451.56	452.18	448.66	450.80	0.42	ppb
Silicon	28-1	1040.82	967.19	1024.37	1010.79	3.82	ppb
Silver	107-1	498.75	496.13	485.94	493.61	1.37	ppb
Silver	109-1	495.22	495.29	489.34	493.28	0.69	ppb
Sodium	23-2	47584.74	46870.83	47313.00	47256.19	0.76	ppb
Strontium	86-1	441.09	450.96	446.35	446.14	1.11	ppb
Strontium	88-1	442.30	448.78	446.12	445.73	0.73	ppb
Sulfur	34-1	-1875.73	-1768.87	-1842.48	-1829.03		ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	481.03	480.87	477.22	479.71	0.45	ppb
Thallium	205-1	475.14	479.02	467.23	473.80	1.27	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	51.00	51.20	50.21	50.80	1.04	ppb
Tin	118-1	472.28	473.46	468.41	471.38	0.56	ppb
Titanium	47-1	3060.16	2996.12	2962.13	3006.14	1.66	ppb
Uranium	238-1	516.21	508.21	511.92	512.11	0.78	ppb
Vanadium	51-2	569.00	567.18	576.03	570.74	0.82	ppb
Yttrium	89-1				145		%
Yttrium	89-2				140		%
Zinc	66-2	4572.45	4594.36	4567.05	4577.95	0.32	ppb
Zirconium	90-1	414.25	412.24	416.55	414.35	0.52	ppb
Zirconium	91-1	445.65	417.81	409.75	424.40	4.44	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51080.84	50516.64	51443.63	51013.70	0.92	ppb
Antimony	121-1	531.57	539.31	544.51	538.46	1.21	ppb
Arsenic	75-2	499.49	511.40	512.53	507.81	1.42	ppb
Barium	135-1	2529.80	2601.38	2641.70	2590.96	2.19	ppb
Barium	137-1	2550.21	2619.07	2620.68	2596.66	1.55	ppb
Beryllium	9-1	510.35	526.83	514.96	517.38	1.64	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	456.74	471.85	483.53	470.71	2.85	ppb
Boron	11-1	472.64	490.76	506.01	489.80	3.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	534.68	541.75	541.24	539.22	0.73	ppb
Cadmium	106-1	527.82	542.55	536.15	535.51	1.38	ppb
Cadmium	108-1	527.08	538.23	535.81	533.71	1.10	ppb
Calcium	43-1	246555.37	245346.32	249638.51	247180.07	0.90	ppb
Calcium	44-1	242404.69	241200.97	245259.38	242955.01	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.21	510.00	507.78	509.66	0.34	ppb
Cobalt	59-2	489.11	491.31	500.84	493.75	1.26	ppb
Copper	63-2	4923.32	4823.62	4923.21	4890.05	1.18	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				97		%
Indium	115-2				97		%
Iron	56-2	126534.43	123659.57	125811.06	125335.02	1.19	ppb
Iron	57-2	126055.11	124888.16	125893.87	125612.38	0.50	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125809.33	124549.37	125299.49	125219.40	0.51	ppb
Krypton	83-1						cps
Lead	206-1	2563.42	2492.88	2552.61	2536.30	1.50	ppb
Lead	207-1	2542.81	2527.07	2534.86	2534.91	0.31	ppb
Lead	208-1	2573.94	2519.71	2551.54	2548.40	1.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	253598.75	250663.38	251084.26	251782.13	0.63	ppb
Manganese	55-2	4993.95	4912.83	4982.22	4963.00	0.88	ppb
Molybdenum	94-1	5023.06	5034.68	5110.24	5056.00	0.94	ppb
Molybdenum	95-1	5022.01	4974.26	5101.22	5032.50	1.27	ppb
Molybdenum	96-1	5007.52	4994.75	5124.43	5042.23	1.42	ppb
Molybdenum	97-1	4973.65	5032.96	5189.04	5065.22	2.20	ppb
Molybdenum	98-1	4908.75	5021.61	5159.60	5029.99	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.73	465.97	472.37	469.36	0.69	ppb
Phosphorus	31-2	10556.74	10195.92	10561.01	10437.89	2.01	ppb
Potassium	39-2	127717.21	127896.34	128776.75	128130.10	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	490.19	488.15	504.09	494.14	1.76	ppb
Selenium	77-2	501.40	514.12	513.73	509.75	1.42	ppb
Selenium	78-2	511.20	521.74	516.80	516.58	1.02	ppb
Silicon	28-1	478.87	481.59	489.04	483.17	1.09	ppb
Silver	107-1	518.12	527.41	526.78	524.10	0.99	ppb
Silver	109-1	520.44	528.28	530.13	526.28	0.98	ppb
Sodium	23-2	251974.64	244770.38	248261.21	248335.41	1.45	ppb
Strontium	86-1	502.79	511.14	518.24	510.72	1.51	ppb
Strontium	88-1	501.88	507.96	510.72	506.86	0.89	ppb
Sulfur	34-1	11459.70	11340.36	11444.95	11415.00	0.57	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	518.17	507.60	508.89	511.55	1.13	ppb
Thallium	205-1	521.21	500.94	507.89	510.02	2.02	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	514.48	516.82	522.20	517.83	0.77	ppb
Tin	118-1	520.80	528.16	530.09	526.35	0.93	ppb
Titanium	47-1	5018.11	5022.30	5074.28	5038.23	0.62	ppb
Uranium	238-1	516.13	513.68	521.81	517.21	0.81	ppb
Vanadium	51-2	518.15	509.64	511.15	512.98	0.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4956.19	4763.97	4892.51	4870.89	2.01	ppb
Zirconium	90-1	507.13	504.98	511.61	507.91	0.67	ppb
Zirconium	91-1	507.39	506.37	514.45	509.41	0.86	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.60	3.91	2.59	3.37	20.57	ppb
Antimony	121-1	0.60	0.52	0.45	0.52	14.25	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	65.02	ppb
Barium	135-1	0.21	0.16	0.20	0.19	13.72	ppb
Barium	137-1	0.19	0.19	0.12	0.17	26.42	ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	20.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	21.12	18.72	15.83	18.56	14.25	ppb
Boron	11-1	20.33	18.45	16.37	18.38	10.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.17	0.23	0.08	0.16	47.51	ppb
Cadmium	106-1	1.48	2.54	0.22	1.41	82.40	ppb
Cadmium	108-1	0.06	0.03	0.10	0.06	49.78	ppb
Calcium	43-1	15.44	16.17	13.53	15.04	9.07	ppb
Calcium	44-1	55.01	55.25	48.91	53.06	6.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.03	0.03	25.68	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	5.55	ppb
Copper	63-2	0.34	0.31	0.31	0.32	6.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	6.49	6.17	5.43	6.03	8.99	ppb
Iron	57-2	6.52	6.41	6.85	6.59	3.47	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.88	5.42	5.91	5.74	4.77	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.31	0.28	0.31	10.76	ppb
Lead	207-1	0.32	0.29	0.27	0.29	7.84	ppb
Lead	208-1	0.32	0.30	0.28	0.30	7.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	11.06	9.93	8.97	9.99	10.45	ppb
Manganese	55-2	0.30	0.26	0.26	0.27	7.52	ppb
Molybdenum	94-1	0.42	0.39	0.38	0.39	5.35	ppb
Molybdenum	95-1	0.42	0.36	0.34	0.37	10.95	ppb
Molybdenum	96-1	0.44	0.32	0.35	0.37	16.77	ppb
Molybdenum	97-1	0.39	0.32	0.33	0.35	11.66	ppb
Molybdenum	98-1	0.43	0.35	0.34	0.37	13.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	-0.01	0.02	148.47	ppb
Phosphorus	31-2	-7.45	-9.56	-19.01	-12.01		ppb
Potassium	39-2	57.53	54.76	52.07	54.79	4.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.28	-0.21	-0.02	-0.17		ppb
Selenium	77-2	0.09	-0.05	0.09	0.04	179.58	ppb
Selenium	78-2	0.21	-0.27	0.48	0.14	266.41	ppb
Silicon	28-1	3.24	3.39	2.96	3.20	6.89	ppb
Silver	107-1	0.12	0.12	0.11	0.12	6.64	ppb
Silver	109-1	0.12	0.12	0.10	0.12	7.92	ppb
Sodium	23-2	65.88	64.44	61.23	63.85	3.73	ppb
Strontium	86-1	0.15	0.04	0.07	0.09	68.75	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	12.48	ppb
Sulfur	34-1	264.75	341.77	130.39	245.64	43.55	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.12	0.09	0.11	16.70	ppb
Thallium	205-1	0.12	0.10	0.11	0.11	6.92	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	6.89	ppb
Tin	118-1	0.11	0.11	0.08	0.10	18.01	ppb
Titanium	47-1	0.30	0.28	0.28	0.29	4.18	ppb
Uranium	238-1	0.03	0.03	0.02	0.02	14.81	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	13.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.13	1.08	1.07	1.09	2.66	ppb
Zirconium	90-1	0.05	0.06	0.04	0.05	18.23	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	19.77	ppb

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	211	172	180	15.87	cps
Antimony	121-1	50	75	67	64	19.92	cps
Arsenic	75-2	26	33	31	30	12.73	cps
Barium	135-1	58	108	83	83	30.00	cps
Barium	137-1	142	75	142	119	32.23	cps
Beryllium	9-1	40	40	33	38	10.19	cps
Bismuth	209-1	9304150	8884705	8991367	9060074	2.41	cps
Bismuth	209-2	6948044	6940469	6956869	6948461	0.12	cps
Boron	10-1	267	183	142	197	32.27	cps
Boron	11-1	1008	1017	992	1006	1.27	cps
Bromine	81-1	12848	11705	12489	12347	4.73	cps
Bromine	81-2	90	100	60	83	24.98	cps
Cadmium	111-1	4506	4126	4172	4268	4.86	cps
Cadmium	106-1	6435	5901	6001	6113	4.64	cps
Cadmium	108-1	88	79	83	83	5.00	cps
Calcium	43-1	275	392	283	317	20.55	cps
Calcium	44-1	56440	54616	56314	55790	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2837	2997	2760	2865	4.22	cps
Cobalt	59-2	153	190	150	164	13.50	cps
Copper	63-2	1077	1140	1120	1112	2.91	cps
Dysprosium	156-1	75	50	8	44	75.78	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	33	125	100	86	55.03	cps
Erbium	164-2	53	47	100	67	43.59	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	233	253	247	244	4.17	cps
Holmium	165-1	13975409	13252750	13386077	13538079	2.84	cps
Holmium	165-2	8888638	9019544	9078525	8995569	1.08	cps
Indium	115-1	11422111	10934576	10862158	11072948	2.75	cps
Indium	115-2	3796311	3824557	3847398	3822755	0.67	cps
Iron	56-2	18918	19012	18328	18753	1.98	cps
Iron	57-2	628	522	583	578	9.17	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2162	2022	2022	2069	3.91	cps
Krypton	83-1	4958	4914	4951	4941	0.47	cps
Lead	206-1	494	539	428	487	11.48	cps
Lead	207-1	328	478	400	402	18.67	cps
Lead	208-1	2011	2189	1833	2011	8.84	cps
Lithium	6-1	3122306	3025976	2961992	3036758	2.66	cps
Magnesium	24-2	483	333	311	376	24.92	cps
Manganese	55-2	307	327	377	337	10.71	cps
Molybdenum	94-1	450	508	408	456	11.03	cps
Molybdenum	95-1	133	108	167	136	21.50	cps
Molybdenum	96-1	350	233	250	278	22.72	cps
Molybdenum	97-1	150	125	92	122	23.95	cps
Molybdenum	98-1	200	308	225	244	23.21	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	303	307	347	319	7.56	cps
Phosphorus	31-2	733	800	667	733	9.09	cps
Potassium	39-2	71175	69735	70706	70539	1.04	cps
Rhodium	103-1	11217519	11011400	10874865	11034594	1.56	cps
Rhodium	103-2	6772598	6825566	6840094	6812753	0.52	cps
Scandium	45-1	8267251	7961283	8021978	8083504	2.00	cps
Scandium	45-2	678181	680106	688726	682337	0.82	cps
Selenium	82-1	159	1	-18	48	204.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	257	383	315	319	19.79	cps
Silicon	28-1	528181	530047	530640	529622	0.24	cps
Silver	107-1	50	42	67	53	24.12	cps
Silver	109-1	17	33	8	19	65.47	cps
Sodium	23-2	20825	22149	21521	21499	3.08	cps
Strontium	86-1	8102	7844	7994	7980	1.63	cps
Strontium	88-1	517	417	408	447	13.48	cps
Sulfur	34-1	401518	403352	400372	401747	0.37	cps
Terbium	159-1	14302947	13684020	13722363	13903110	2.49	cps
Terbium	159-2	9023963	9140587	9250958	9138503	1.24	cps
Thallium	203-1	1150	958	967	1025	10.57	cps
Thallium	205-1	2517	2475	2500	2498	0.84	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:39:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	83	100	104	21.65	cps
Tin	118-1	767	783	842	797	4.94	cps
Titanium	47-1	283	250	292	275	8.02	cps
Uranium	238-1	100	108	83	97	13.09	cps
Vanadium	51-2	70	77	60	69	12.18	cps
Yttrium	89-1	17415035	17292640	17079834	17262503	0.98	cps
Yttrium	89-2	4243525	4316281	4251415	4270407	0.93	cps
Zinc	66-2	437	383	293	371	19.52	cps
Zirconium	90-1	892	908	1100	967	11.98	cps
Zirconium	91-1	183	167	158	169	7.51	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 15:42:41 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7663	7474	7357	7498	2.06	cps
Antimony	121-1	21842	22610	23603	22685	3.89	cps
Arsenic	75-2	863	837	832	844	1.99	cps
Barium	135-1	26642	27611	27277	27177	1.81	cps
Barium	137-1	45933	46276	48399	46870	2.85	cps
Beryllium	9-1	2880	2680	2884	2815	4.14	cps
Bismuth	209-1	9383589	9049869	9226834	9220097	1.81	cps
Bismuth	209-2	7043280	7001282	7106798	7050453	0.75	cps
Boron	10-1	8252	8811	9853	8972	9.06	cps
Boron	11-1	39751	43261	43804	42272	5.20	cps
Bromine	81-1	11513	12664	12781	12319	5.69	cps
Bromine	81-2	100	50	60	70	37.80	cps
Cadmium	111-1	7813	7609	7562	7662	1.74	cps
Cadmium	106-1	6810	6418	6427	6552	3.42	cps
Cadmium	108-1	292	388	350	343	14.08	cps
Calcium	43-1	21107	20948	21749	21268	1.99	cps
Calcium	44-1	387312	394723	396414	392816	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16122	15959	16502	16194	1.72	cps
Cobalt	59-2	10747	10767	10684	10733	0.41	cps
Copper	63-2	16783	16593	15982	16452	2.54	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	42	150	50	81	74.83	cps
Erbium	164-2	50	40	53	48	14.52	cps
Gadolinium	160-1	75	58	108	81	31.60	cps
Gadolinium	160-2	233	240	263	246	6.42	cps
Holmium	165-1	14012239	13392577	13263883	13556233	2.95	cps
Holmium	165-2	9075265	8983324	9187889	9082159	1.13	cps
Indium	115-1	11703602	11049144	11095672	11282806	3.24	cps
Indium	115-2	3891880	3867495	3892780	3884052	0.37	cps
Iron	56-2	326972	326840	330520	328111	0.64	cps
Iron	57-2	8397	8341	8480	8406	0.83	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:42:41	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19322	19022	20264	19536	3.32	cps
Krypton	83-1	4757	5014	5141	4971	3.93	cps
Lead	206-1	10176	10059	10276	10171	1.07	cps
Lead	207-1	8692	8625	8514	8610	1.04	cps
Lead	208-1	40135	39578	40185	39966	0.84	cps
Lithium	6-1	3212539	3000316	3065961	3092939	3.51	cps
Magnesium	24-2	336393	334185	340076	336885	0.88	cps
Manganese	55-2	5311	5451	5194	5319	2.42	cps
Molybdenum	94-1	26341	27001	26399	26580	1.37	cps
Molybdenum	95-1	32503	33639	32637	32927	1.89	cps
Molybdenum	96-1	35393	37157	36613	36388	2.48	cps
Molybdenum	97-1	19839	20565	20840	20415	2.53	cps
Molybdenum	98-1	51492	54511	53523	53175	2.89	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3100	3037	3094	3077	1.13	cps
Phosphorus	31-2	1208	1217	950	1125	13.48	cps
Potassium	39-2	424486	420808	423758	423017	0.46	cps
Rhodium	103-1	11525644	11020681	11173217	11239847	2.30	cps
Rhodium	103-2	6900396	6923888	6940434	6921573	0.29	cps
Scandium	45-1	8558336	8051688	8087690	8232571	3.43	cps
Scandium	45-2	693564	693684	687884	691711	0.48	cps
Selenium	82-1	1514	1101	1081	1232	19.85	cps
Selenium	77-2	153	150	133	146	7.36	cps
Selenium	78-2	709	706	722	712	1.23	cps
Silicon	28-1	625109	632945	640493	632849	1.22	cps
Silver	107-1	14266	16134	16018	15473	6.77	cps
Silver	109-1	13265	14482	15142	14296	6.66	cps
Sodium	23-2	571322	563535	572884	569247	0.88	cps
Strontium	86-1	12089	11997	11597	11894	2.20	cps
Strontium	88-1	36120	36880	36797	36599	1.14	cps
Sulfur	34-1	411283	421459	419177	417306	1.28	cps
Terbium	159-1	14455680	14019941	13917662	14131094	2.02	cps
Terbium	159-2	9187962	9167063	9234885	9196637	0.38	cps
Thallium	203-1	12623	12439	12172	12411	1.83	cps
Thallium	205-1	29257	29992	30334	29861	1.84	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:42:41	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	36328	36774	36273	36458	0.75	cps
Tin	118-1	51158	51058	51535	51250	0.49	cps
Titanium	47-1	9887	9953	10237	10026	1.86	cps
Uranium	238-1	34556	34472	34639	34555	0.24	cps
Vanadium	51-2	28414	28627	28400	28480	0.45	cps
Yttrium	89-1	18000570	17269654	17125218	17465147	2.69	cps
Yttrium	89-2	4361307	4312123	4290295	4321242	0.84	cps
Zinc	66-2	2937	3197	3037	3057	4.29	cps
Zirconium	90-1	22810	22743	23177	22910	1.02	cps
Zirconium	91-1	5076	5276	5343	5232	2.65	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368409	372444	366518	369124	0.82	cps
Antimony	121-1	572823	579164	584707	578898	1.03	cps
Arsenic	75-2	37222	37278	37440	37313	0.30	cps
Barium	135-1	700228	698771	706535	701845	0.59	cps
Barium	137-1	1213694	1215228	1216411	1215111	0.11	cps
Beryllium	9-1	131707	132553	132791	132350	0.43	cps
Bismuth	209-1	9533145	9322756	9249352	9368418	1.57	cps
Bismuth	209-2	6925463	7090398	7095498	7037120	1.37	cps
Boron	10-1	29128	30155	30305	29863	2.15	cps
Boron	11-1	140459	146531	149618	145536	3.20	cps
Bromine	81-1	12222	11688	11163	11691	4.53	cps
Bromine	81-2	70	40	110	73	47.89	cps
Cadmium	111-1	168995	172770	174196	171987	1.56	cps
Cadmium	106-1	24496	24613	25314	24808	1.78	cps
Cadmium	108-1	13394	13398	12977	13256	1.83	cps
Calcium	43-1	217493	222633	222692	220939	1.35	cps
Calcium	44-1	3360848	3397405	3425369	3394541	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340437	341301	346174	342637	0.90	cps
Cobalt	59-2	529853	524183	529996	528010	0.63	cps
Copper	63-2	3948731	3930523	3978979	3952745	0.62	cps
Dysprosium	156-1	83	25	92	67	54.49	cps
Dysprosium	156-2	60	33	40	44	31.23	cps
Erbium	164-1	125	58	75	86	40.29	cps
Erbium	164-2	53	80	57	63	22.94	cps
Gadolinium	160-1	75	150	125	117	32.74	cps
Gadolinium	160-2	303	327	270	300	9.49	cps
Holmium	165-1	14183349	13873536	13657572	13904819	1.90	cps
Holmium	165-2	9045069	9109102	9198488	9117553	0.85	cps
Indium	115-1	11477231	11340009	10959406	11258882	2.38	cps
Indium	115-2	3832787	3844413	3817663	3831621	0.35	cps
Iron	56-2	15554206	15737594	15360564	15550788	1.21	cps
Iron	57-2	387222	383933	387504	386220	0.51	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	882477	886369	882429	883759	0.26	cps
Krypton	83-1	4924	5011	5144	5026	2.21	cps
Lead	206-1	2535765	2594810	2575614	2568730	1.17	cps
Lead	207-1	2230618	2257527	2267414	2251853	0.85	cps
Lead	208-1	10298319	10444174	10372536	10371676	0.70	cps
Lithium	6-1	3115567	3163855	3141216	3140213	0.77	cps
Magnesium	24-2	3516730	3489824	3561040	3522532	1.02	cps
Manganese	55-2	2509023	2481690	2475438	2488717	0.72	cps
Molybdenum	94-1	2289607	2310603	2309606	2303272	0.51	cps
Molybdenum	95-1	3203621	3227333	3274256	3235070	1.11	cps
Molybdenum	96-1	3514151	3591460	3638075	3581229	1.75	cps
Molybdenum	97-1	2008820	2026753	2033575	2023049	0.63	cps
Molybdenum	98-1	5096398	5174248	5232077	5167574	1.32	cps
Neodymium	150-1	27	87	47	53	57.28	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	139898	137766	139283	138982	0.79	cps
Phosphorus	31-2	19546	19338	19421	19435	0.54	cps
Potassium	39-2	1840028	1808106	1816845	1821660	0.91	cps
Rhodium	103-1	11387477	11147724	11110213	11215138	1.34	cps
Rhodium	103-2	6805881	6693716	6762088	6753895	0.84	cps
Scandium	45-1	8376013	8204678	8122514	8234402	1.57	cps
Scandium	45-2	683655	677391	679328	680125	0.47	cps
Selenium	82-1	12398	12398	12275	12357	0.58	cps
Selenium	77-2	1170	1273	1150	1198	5.53	cps
Selenium	78-2	4403	4206	4369	4326	2.43	cps
Silicon	28-1	4072821	4201285	4183533	4152546	1.68	cps
Silver	107-1	794605	817725	822749	811693	1.85	cps
Silver	109-1	764188	783036	782191	776471	1.37	cps
Sodium	23-2	5848837	5748073	5769299	5788736	0.92	cps
Strontium	86-1	218410	217980	220248	218880	0.55	cps
Strontium	88-1	1907110	1853996	1882948	1881351	1.41	cps
Sulfur	34-1	492041	495269	488490	491934	0.69	cps
Terbium	159-1	14335394	14346079	14088496	14256656	1.02	cps
Terbium	159-2	9248292	9222511	8992380	9154394	1.54	cps
Thallium	203-1	590310	592699	600465	594491	0.89	cps
Thallium	205-1	1375549	1405191	1431742	1404160	2.00	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:45:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2142345	2145821	2154243	2147470	0.28	cps
Tin	118-1	489595	502430	507419	499815	1.84	cps
Titanium	47-1	957479	983813	980915	974069	1.48	cps
Uranium	238-1	1938440	2004893	2035464	1992932	2.49	cps
Vanadium	51-2	286419	283210	287356	285662	0.76	cps
Yttrium	89-1	17940090	17095418	17171467	17402325	2.69	cps
Yttrium	89-2	4299147	4216088	4221175	4245470	1.10	cps
Zinc	66-2	610004	612284	623291	615193	1.15	cps
Zirconium	90-1	1122664	1135655	1146126	1134815	1.04	cps
Zirconium	91-1	251521	256431	258389	255447	1.39	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	852043	867534	847279	855619	1.24	cps
Antimony	121-1	1437944	1447770	1444189	1443301	0.34	cps
Arsenic	75-2	92431	92374	90967	91924	0.90	cps
Barium	135-1	1765246	1757679	1793580	1772169	1.07	cps
Barium	137-1	3027669	3056883	3113916	3066156	1.43	cps
Beryllium	9-1	336397	332382	337396	335392	0.79	cps
Bismuth	209-1	9116676	9100109	9077049	9097945	0.22	cps
Bismuth	209-2	6959158	7026693	7007921	6997924	0.50	cps
Boron	10-1	66485	67665	71080	68410	3.49	cps
Boron	11-1	309870	336052	337325	327749	4.73	cps
Bromine	81-1	11930	11388	11038	11452	3.93	cps
Bromine	81-2	70	70	20	53	54.13	cps
Cadmium	111-1	420877	418430	421568	420292	0.39	cps
Cadmium	106-1	50748	49719	52170	50879	2.42	cps
Cadmium	108-1	31714	32674	31835	32074	1.63	cps
Calcium	43-1	526386	546344	543995	538908	2.02	cps
Calcium	44-1	8086870	8109167	8090156	8095398	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	836980	838272	836672	837308	0.10	cps
Cobalt	59-2	1284436	1296089	1277388	1285971	0.73	cps
Copper	63-2	9433789	9526171	9512162	9490707	0.52	cps
Dysprosium	156-1	58	117	100	92	32.78	cps
Dysprosium	156-2	77	50	83	70	25.20	cps
Erbium	164-1	133	142	83	119	26.41	cps
Erbium	164-2	73	100	73	82	18.73	cps
Gadolinium	160-1	217	142	167	175	21.82	cps
Gadolinium	160-2	303	313	290	302	3.87	cps
Holmium	165-1	13566946	13403023	13583588	13517853	0.74	cps
Holmium	165-2	8985421	9113429	9055459	9051436	0.71	cps
Indium	115-1	10868565	10696486	10801403	10788818	0.80	cps
Indium	115-2	3733116	3741011	3658184	3710770	1.23	cps
Iron	56-2	38130998	38670056	38112363	38304473	0.83	cps
Iron	57-2	948697	954912	945570	949727	0.50	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2110754	2138881	2134114	2127916	0.71	cps
Krypton	83-1	5198	4844	5004	5015	3.53	cps
Lead	206-1	6450798	6505003	6458330	6471377	0.45	cps
Lead	207-1	5610029	5582596	5612043	5601556	0.29	cps
Lead	208-1	26036496	25981444	26021778	26013239	0.11	cps
Lithium	6-1	3088278	3097621	3150827	3112242	1.08	cps
Magnesium	24-2	8502721	8676425	8481716	8553620	1.25	cps
Manganese	55-2	5954683	6091917	6087677	6044759	1.29	cps
Molybdenum	94-1	5619872	5695497	5668649	5661339	0.68	cps
Molybdenum	95-1	8007655	8056161	7966962	8010259	0.56	cps
Molybdenum	96-1	8940699	8884015	8844818	8889844	0.54	cps
Molybdenum	97-1	5078471	4957505	4993597	5009858	1.24	cps
Molybdenum	98-1	12950816	12876544	12748714	12858691	0.80	cps
Neodymium	150-1	133	120	160	138	14.78	cps
Neodymium	150-2	47	23	23	31	43.32	cps
Nickel	60-2	338513	341946	333234	337898	1.30	cps
Phosphorus	31-2	46789	47190	46154	46711	1.12	cps
Potassium	39-2	4232465	4292467	4294820	4273251	0.83	cps
Rhodium	103-1	10826370	10701643	10671448	10733154	0.77	cps
Rhodium	103-2	6625676	6680644	6586638	6630986	0.71	cps
Scandium	45-1	7785800	7926921	7790004	7834242	1.02	cps
Scandium	45-2	662578	670596	664974	666049	0.62	cps
Selenium	82-1	30065	30532	30298	30299	0.77	cps
Selenium	77-2	2834	2874	2907	2871	1.28	cps
Selenium	78-2	9829	10191	9896	9972	1.93	cps
Silicon	28-1	7926331	8041456	8074005	8013931	0.97	cps
Silver	107-1	2039990	2043860	2032818	2038889	0.27	cps
Silver	109-1	1978445	1940980	1958069	1959165	0.96	cps
Sodium	23-2	14087824	14270185	13944511	14100840	1.16	cps
Strontium	86-1	531879	533839	531099	532272	0.27	cps
Strontium	88-1	4613972	4600259	4606454	4606895	0.15	cps
Sulfur	34-1	579582	591696	586589	585955	1.04	cps
Terbium	159-1	13911541	14010252	13822069	13914621	0.68	cps
Terbium	159-2	9062925	9052260	9146896	9087361	0.57	cps
Thallium	203-1	1475311	1498343	1516581	1496745	1.38	cps
Thallium	205-1	3748678	3730909	3743766	3741118	0.25	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:48:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5446045	5431201	5519138	5465461	0.86	cps
Tin	118-1	1231788	1234688	1236112	1234196	0.18	cps
Titanium	47-1	2397113	2447471	2403127	2415903	1.14	cps
Uranium	238-1	5037618	5082305	5048896	5056273	0.46	cps
Vanadium	51-2	696295	698007	700444	698249	0.30	cps
Yttrium	89-1	16920644	16867810	16890926	16893127	0.16	cps
Yttrium	89-2	4181398	4130910	4132964	4148424	0.69	cps
Zinc	66-2	1497097	1516857	1540564	1518173	1.43	cps
Zirconium	90-1	2812088	2853667	2823579	2829778	0.76	cps
Zirconium	91-1	626991	634982	628334	630102	0.68	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1721700	1711785	1724403	1719296	0.39	cps
Antimony	121-1	2879191	2891749	2902423	2891121	0.40	cps
Arsenic	75-2	179746	181484	179532	180254	0.59	cps
Barium	135-1	3498281	3516245	3513578	3509368	0.28	cps
Barium	137-1	6024598	6040476	6024507	6029861	0.15	cps
Beryllium	9-1	645355	645752	644469	645192	0.10	cps
Bismuth	209-1	9137592	8888888	8926516	8984332	1.49	cps
Bismuth	209-2	6959200	6874245	6954767	6929404	0.69	cps
Boron	10-1	128506	132095	136329	132310	2.96	cps
Boron	11-1	619816	649118	658148	642361	3.12	cps
Bromine	81-1	11004	11046	11363	11138	1.76	cps
Bromine	81-2	80	70	100	83	18.33	cps
Cadmium	111-1	810294	812445	812408	811716	0.15	cps
Cadmium	106-1	93073	90649	92184	91969	1.33	cps
Cadmium	108-1	61978	62409	62777	62388	0.64	cps
Calcium	43-1	1037424	1045076	1040238	1040913	0.37	cps
Calcium	44-1	15698146	15800289	15851015	15783150	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1637463	1634739	1640532	1637578	0.18	cps
Cobalt	59-2	2562216	2532118	2553675	2549336	0.61	cps
Copper	63-2	18327713	18633121	18464195	18475010	0.83	cps
Dysprosium	156-1	158	158	242	186	25.85	cps
Dysprosium	156-2	140	150	190	160	16.54	cps
Erbium	164-1	158	117	133	136	15.41	cps
Erbium	164-2	87	97	93	92	5.52	cps
Gadolinium	160-1	225	183	200	203	10.34	cps
Gadolinium	160-2	290	247	310	282	11.47	cps
Holmium	165-1	13530021	13504477	13350447	13461649	0.72	cps
Holmium	165-2	8989386	9112762	9244621	9115590	1.40	cps
Indium	115-1	10512983	10644946	10602186	10586705	0.64	cps
Indium	115-2	3696942	3731128	3633519	3687196	1.34	cps
Iron	56-2	73652193	74476977	74894110	74341093	0.85	cps
Iron	57-2	1832072	1861798	1830322	1841397	0.96	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4163641	4106353	4181595	4150530	0.95	cps
Krypton	83-1	4764	5021	4797	4861	2.87	cps
Lead	206-1	12698023	12806160	12754233	12752805	0.42	cps
Lead	207-1	10936274	11057242	11087643	11027053	0.73	cps
Lead	208-1	50639512	51118230	51207858	50988533	0.60	cps
Lithium	6-1	3173015	3109514	3146005	3142845	1.01	cps
Magnesium	24-2	16503599	16648149	16838730	16663493	1.01	cps
Manganese	55-2	11774685	11726954	11879387	11793675	0.66	cps
Molybdenum	94-1	11149603	10949127	11124411	11074380	0.99	cps
Molybdenum	95-1	15784484	15709119	15810231	15767944	0.33	cps
Molybdenum	96-1	17284795	17358079	17516512	17386462	0.68	cps
Molybdenum	97-1	9917191	9841660	9833320	9864057	0.47	cps
Molybdenum	98-1	25176043	25104634	25308679	25196452	0.41	cps
Neodymium	150-1	253	167	153	191	28.41	cps
Neodymium	150-2	53	27	43	41	32.76	cps
Nickel	60-2	649920	654594	651115	651876	0.37	cps
Phosphorus	31-2	88053	91465	91297	90272	2.13	cps
Potassium	39-2	8191862	8339701	8350083	8293882	1.07	cps
Rhodium	103-1	10481190	10368411	10316074	10388558	0.81	cps
Rhodium	103-2	6471578	6485860	6512985	6490141	0.32	cps
Scandium	45-1	7694163	7681101	7569704	7648323	0.89	cps
Scandium	45-2	656527	659838	661300	659222	0.37	cps
Selenium	82-1	58579	58941	58799	58773	0.31	cps
Selenium	77-2	5551	5661	5624	5612	1.00	cps
Selenium	78-2	18834	18723	18856	18805	0.38	cps
Silicon	28-1	14747512	14916757	14895499	14853256	0.62	cps
Silver	107-1	3922966	3952417	3982974	3952786	0.76	cps
Silver	109-1	3803873	3770039	3728179	3767364	1.01	cps
Sodium	23-2	27314609	27323625	27749002	27462412	0.90	cps
Strontium	86-1	1022808	1029727	1029119	1027218	0.37	cps
Strontium	88-1	9018971	9118013	8992587	9043191	0.73	cps
Sulfur	34-1	735303	739379	744979	739887	0.66	cps
Terbium	159-1	13873086	13477079	13879639	13743268	1.68	cps
Terbium	159-2	9130804	9150276	9182103	9154395	0.28	cps
Thallium	203-1	3087732	3084143	3101677	3091184	0.30	cps
Thallium	205-1	7334898	7284625	7285533	7301685	0.39	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:51:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	10855106	10849202	10827186	10843831	0.14	cps
Tin	118-1	2443449	2489775	2500816	2478013	1.23	cps
Titanium	47-1	4731115	4723538	4705259	4719971	0.28	cps
Uranium	238-1	10027433	9977584	9925831	9976949	0.51	cps
Vanadium	51-2	1365280	1388966	1386115	1380120	0.94	cps
Yttrium	89-1	16795413	16750908	16482431	16676250	1.02	cps
Yttrium	89-2	4104925	4159178	4112326	4125476	0.71	cps
Zinc	66-2	2967466	2988300	2929273	2961680	1.01	cps
Zirconium	90-1	5615914	5661718	5563952	5613861	0.87	cps
Zirconium	91-1	1234521	1235613	1235970	1235368	0.06	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3399988	3457830	3475451	3444423	1.15	cps
Antimony	121-1	5740980	5756749	5760696	5752808	0.18	cps
Arsenic	75-2	361265	363213	366064	363514	0.66	cps
Barium	135-1	6983351	7042997	7109501	7045283	0.90	cps
Barium	137-1	12063840	12361450	12288957	12238082	1.27	cps
Beryllium	9-1	1281852	1310077	1309436	1300455	1.24	cps
Bismuth	209-1	9001315	8764183	8886828	8884109	1.33	cps
Bismuth	209-2	6931520	6819738	6965339	6905533	1.10	cps
Boron	10-1	283742	289677	297418	290279	2.36	cps
Boron	11-1	1399325	1398099	1478317	1425247	3.22	cps
Bromine	81-1	10996	11855	12164	11672	5.18	cps
Bromine	81-2	100	40	100	80	43.30	cps
Cadmium	111-1	1612565	1610742	1618423	1613910	0.25	cps
Cadmium	106-1	177874	174692	176828	176465	0.92	cps
Cadmium	108-1	124970	123345	124462	124259	0.67	cps
Calcium	43-1	2013992	2011131	2015694	2013606	0.11	cps
Calcium	44-1	31568798	31620866	31800355	31663340	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3265531	3309456	3342014	3305667	1.16	cps
Cobalt	59-2	5059364	5171232	5159351	5129982	1.20	cps
Copper	63-2	36977055	36906384	37382947	37088796	0.69	cps
Dysprosium	156-1	333	275	242	283	16.38	cps
Dysprosium	156-2	333	297	293	308	7.21	cps
Erbium	164-1	133	167	158	153	11.35	cps
Erbium	164-2	97	113	133	114	16.04	cps
Gadolinium	160-1	317	275	367	319	14.37	cps
Gadolinium	160-2	403	500	503	469	12.11	cps
Holmium	165-1	13562409	13416825	13327134	13435456	0.88	cps
Holmium	165-2	9256020	9171095	9330728	9252615	0.86	cps
Indium	115-1	10627752	10368589	10579592	10525311	1.31	cps
Indium	115-2	3677208	3682903	3688225	3682779	0.15	cps
Iron	56-2	150701176	147617942	149216164	149178427	1.03	cps
Iron	57-2	3654387	3734449	3774751	3721195	1.65	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8342023	8296323	8454164	8364170	0.97	cps
Krypton	83-1	5051	5011	4888	4983	1.71	cps
Lead	206-1	25732464	25294765	25404611	25477280	0.89	cps
Lead	207-1	22230278	21781114	22011303	22007565	1.02	cps
Lead	208-1	102672384	101269077	102016828	101986096	0.69	cps
Lithium	6-1	2959946	3056404	3029780	3015377	1.65	cps
Magnesium	24-2	33237161	33849837	33511933	33532977	0.92	cps
Manganese	55-2	23718255	23553301	23658497	23643351	0.35	cps
Molybdenum	94-1	22315796	22243468	22532912	22364059	0.67	cps
Molybdenum	95-1	31704510	31191948	32145097	31680518	1.51	cps
Molybdenum	96-1	35216995	34575634	35454789	35082473	1.30	cps
Molybdenum	97-1	19972627	19423833	20044393	19813618	1.71	cps
Molybdenum	98-1	50456140	50026621	50700452	50394404	0.68	cps
Neodymium	150-1	460	513	407	460	11.59	cps
Neodymium	150-2	110	93	93	99	9.73	cps
Nickel	60-2	1274539	1294545	1293962	1287682	0.88	cps
Phosphorus	31-2	178532	180194	180246	179657	0.54	cps
Potassium	39-2	16682846	17042621	16748524	16824663	1.14	cps
Rhodium	103-1	10356129	10160449	10209383	10241987	0.99	cps
Rhodium	103-2	6468508	6528582	6593113	6530068	0.95	cps
Scandium	45-1	7749616	7661776	7648154	7686515	0.72	cps
Scandium	45-2	662988	668177	664336	665167	0.40	cps
Selenium	82-1	115386	116016	116718	116040	0.57	cps
Selenium	77-2	11301	11248	11291	11280	0.25	cps
Selenium	78-2	37746	37900	37590	37745	0.41	cps
Silicon	28-1	33926699	33541951	34155239	33874630	0.91	cps
Silver	107-1	7945843	7804541	7782639	7844341	1.13	cps
Silver	109-1	7486989	7403942	7519439	7470123	0.80	cps
Sodium	23-2	54967929	55658017	55257492	55294479	0.63	cps
Strontium	86-1	2172324	2145608	2122013	2146649	1.17	cps
Strontium	88-1	18448385	18515708	18179658	18381250	0.97	cps
Sulfur	34-1	1224499	1199428	1196573	1206833	1.27	cps
Terbium	159-1	13969769	13695662	13878775	13848069	1.01	cps
Terbium	159-2	9273923	9366568	9411802	9350764	0.75	cps
Thallium	203-1	6198659	6149953	6184180	6177597	0.40	cps
Thallium	205-1	14815497	14506285	14458901	14593561	1.33	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:53:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	21824030	21773888	21963566	21853828	0.45	cps
Tin	118-1	4972949	4900153	4948564	4940555	0.75	cps
Titanium	47-1	9450621	9610428	9548448	9536499	0.84	cps
Uranium	238-1	20053489	20357363	20184592	20198481	0.75	cps
Vanadium	51-2	2789301	2811206	2840876	2813794	0.92	cps
Yttrium	89-1	16848377	16771611	16730922	16783637	0.36	cps
Yttrium	89-2	4188554	4231673	4229635	4216621	0.58	cps
Zinc	66-2	5895983	5855485	5944429	5898632	0.75	cps
Zirconium	90-1	11443283	11466739	11374576	11428199	0.42	cps
Zirconium	91-1	2528380	2500160	2537243	2521928	0.77	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6840528	7021964	6939485	6933992	1.31	cps
Antimony	121-1	11892588	12016733	11943771	11951030	0.52	cps
Arsenic	75-2	723533	732976	740385	732298	1.15	cps
Barium	135-1	14567729	14688000	14505744	14587157	0.64	cps
Barium	137-1	24970354	25262612	25016826	25083264	0.63	cps
Beryllium	9-1	2573674	2574493	2571609	2573259	0.06	cps
Bismuth	209-1	8869388	8922562	8977423	8923124	0.61	cps
Bismuth	209-2	6770518	6555759	6742297	6689525	1.74	cps
Boron	10-1	512625	524324	525637	520862	1.38	cps
Boron	11-1	2524462	2539446	2605562	2556490	1.69	cps
Bromine	81-1	12264	12356	12364	12328	0.45	cps
Bromine	81-2	90	180	20	97	82.98	cps
Cadmium	111-1	3292523	3284761	3323067	3300117	0.61	cps
Cadmium	106-1	352037	356404	352844	353762	0.66	cps
Cadmium	108-1	250959	255232	251550	252580	0.92	cps
Calcium	43-1	4111329	4123461	4150241	4128344	0.48	cps
Calcium	44-1	64519576	65120974	64932429	64857660	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6591531	6681424	6673084	6648680	0.75	cps
Cobalt	59-2	10136567	10337231	10195891	10223230	1.01	cps
Copper	63-2	72969652	72554532	73882219	73135468	0.93	cps
Dysprosium	156-1	708	667	683	686	3.06	cps
Dysprosium	156-2	557	640	613	603	7.05	cps
Erbium	164-1	300	142	333	258	39.64	cps
Erbium	164-2	233	173	147	184	24.07	cps
Gadolinium	160-1	575	783	550	636	20.14	cps
Gadolinium	160-2	570	567	633	590	6.37	cps
Holmium	165-1	13855636	14033475	14014603	13967905	0.70	cps
Holmium	165-2	9132835	9133674	9269231	9178580	0.86	cps
Indium	115-1	10654976	10814813	10711099	10726963	0.76	cps
Indium	115-2	3672623	3671962	3661234	3668606	0.17	cps
Iron	56-2	301116829	302403918	302482996	302001247	0.25	cps
Iron	57-2	7295329	7526919	7478284	7433510	1.64	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16728985	16677102	16788208	16731431	0.33	cps
Krypton	83-1	5091	5301	5141	5178	2.12	cps
Lead	206-1	51585007	51868611	51785098	51746239	0.28	cps
Lead	207-1	44674548	44961493	44889475	44841839	0.33	cps
Lead	208-1	205897560	207333253	207796292	207009035	0.48	cps
Lithium	6-1	2972739	3008716	2990502	2990652	0.60	cps
Magnesium	24-2	66500217	68179353	68508110	67729227	1.59	cps
Manganese	55-2	48258339	47731189	48080723	48023417	0.56	cps
Molybdenum	94-1	45557769	46996921	46330928	46295206	1.56	cps
Molybdenum	95-1	64798426	66427641	65856320	65694129	1.26	cps
Molybdenum	96-1	71471547	73233060	72427358	72377322	1.22	cps
Molybdenum	97-1	40428409	41291708	40838618	40852912	1.06	cps
Molybdenum	98-1	104256842	106101450	105119502	105159265	0.88	cps
Neodymium	150-1	947	713	1067	909	19.77	cps
Neodymium	150-2	227	233	163	208	18.59	cps
Nickel	60-2	2653808	2691347	2704277	2683144	0.98	cps
Phosphorus	31-2	366653	370445	366266	367788	0.63	cps
Potassium	39-2	33706604	34117435	33754776	33859605	0.66	cps
Rhodium	103-1	10404500	10536948	10377639	10439696	0.82	cps
Rhodium	103-2	6497756	6436629	6409662	6448016	0.70	cps
Scandium	45-1	7900841	7949035	7931125	7927000	0.31	cps
Scandium	45-2	677653	679708	678160	678507	0.16	cps
Selenium	82-1	237541	241808	237485	238945	1.04	cps
Selenium	77-2	22955	22928	23061	22981	0.31	cps
Selenium	78-2	76591	77404	77361	77119	0.59	cps
Silicon	28-1	56950674	56599245	56789355	56779758	0.31	cps
Silver	107-1	15824365	15990689	15869693	15894916	0.54	cps
Silver	109-1	15101305	15276425	15249544	15209091	0.62	cps
Sodium	23-2	109839375	110746925	111111225	110565841	0.59	cps
Strontium	86-1	4348614	4303661	4396673	4349649	1.07	cps
Strontium	88-1	37212979	37540521	37576025	37443175	0.53	cps
Sulfur	34-1	1952829	1927366	1918794	1932996	0.92	cps
Terbium	159-1	14443531	14345046	14294517	14361031	0.53	cps
Terbium	159-2	9313692	9289770	9254657	9286040	0.32	cps
Thallium	203-1	12491221	12678270	12580839	12583443	0.74	cps
Thallium	205-1	29491298	29882606	29539693	29637866	0.72	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:56:38	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44355176	44925019	45468648	44916281	1.24	cps
Tin	118-1	10077303	10311032	10215720	10201352	1.15	cps
Titanium	47-1	19455133	19595950	19416455	19489179	0.48	cps
Uranium	238-1	40432396	41490713	41327741	41083617	1.39	cps
Vanadium	51-2	5668536	5703452	5708287	5693425	0.38	cps
Yttrium	89-1	17117784	17358271	17007436	17161164	1.05	cps
Yttrium	89-2	4254431	4255539	4238911	4249627	0.22	cps
Zinc	66-2	11669559	11918914	11748336	11778936	1.08	cps
Zirconium	90-1	23185293	23678146	23384483	23415974	1.06	cps
Zirconium	91-1	5180562	5268168	5218184	5222305	0.84	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36934287	37078513	37534963	37182588	0.84	cps
Antimony	121-1	7394	7302	7569	7422	1.83	cps
Arsenic	75-2	311	361	287	320	11.82	cps
Barium	135-1	7177	6677	7085	6980	3.82	cps
Barium	137-1	13206	12281	12005	12497	5.03	cps
Beryllium	9-1	423	350	347	373	11.61	cps
Bismuth	209-1	8050997	7966792	8023525	8013771	0.54	cps
Bismuth	209-2	5987300	6094690	6077000	6052997	0.95	cps
Boron	10-1	17377	16159	14407	15981	9.34	cps
Boron	11-1	84915	76674	68108	76566	10.98	cps
Bromine	81-1	12764	12731	12489	12661	1.19	cps
Bromine	81-2	130	140	110	127	12.06	cps
Cadmium	111-1	5299	5081	5390	5257	3.01	cps
Cadmium	106-1	6168	5985	6443	6199	3.72	cps
Cadmium	108-1	188	196	208	197	5.32	cps
Calcium	43-1	19919973	20408910	20816830	20381904	2.20	cps
Calcium	44-1	317931849	325783849	332357282	325357660	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62121	61485	63212	62272	1.40	cps
Cobalt	59-2	20044	20831	20845	20573	2.23	cps
Copper	63-2	19126	18835	18361	18774	2.06	cps
Dysprosium	156-1	1350	1433	1275	1353	5.86	cps
Dysprosium	156-2	817	800	743	787	4.89	cps
Erbium	164-1	142	133	133	136	3.53	cps
Erbium	164-2	130	113	143	129	11.66	cps
Gadolinium	160-1	1008	1125	908	1014	10.70	cps
Gadolinium	160-2	943	823	977	914	8.82	cps
Holmium	165-1	13339239	13547674	13323512	13403475	0.93	cps
Holmium	165-2	8907110	9083634	9012109	9000951	0.99	cps
Indium	115-1	10401448	10360568	10436498	10399505	0.37	cps
Indium	115-2	3638839	3727801	3743591	3703410	1.52	cps
Iron	56-2	1513577101	1527305767	1530570212	1523817693	0.59	cps
Iron	57-2	37427305	37832897	37792316	37684173	0.59	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	83932007	84411774	84655883	84333221	0.44	cps
Krypton	83-1	4878	5074	5078	5010	2.29	cps
Lead	206-1	13713	12189	11889	12597	7.76	cps
Lead	207-1	11216	9937	9264	10139	9.78	cps
Lead	208-1	53153	47216	45191	48520	8.53	cps
Lithium	6-1	2740148	2848874	2729970	2772997	2.38	cps
Magnesium	24-2	347339986	352053897	345130830	348174904	1.02	cps
Manganese	55-2	30063	30103	30331	30166	0.48	cps
Molybdenum	94-1	16610	15650	14900	15720	5.45	cps
Molybdenum	95-1	20765	18637	17110	18838	9.75	cps
Molybdenum	96-1	29723	28278	26750	28250	5.26	cps
Molybdenum	97-1	12789	11113	11004	11635	8.60	cps
Molybdenum	98-1	32462	28946	26157	29188	10.82	cps
Neodymium	150-1	127	100	133	120	14.70	cps
Neodymium	150-2	67	103	67	79	26.83	cps
Nickel	60-2	18879	19076	19933	19296	2.91	cps
Phosphorus	31-2	933	867	858	886	4.64	cps
Potassium	39-2	178915496	176561304	178122429	177866410	0.67	cps
Rhodium	103-1	9671506	9686910	9738492	9698969	0.36	cps
Rhodium	103-2	6150137	6250108	6266618	6222287	1.01	cps
Scandium	45-1	7809259	7813520	7854833	7825871	0.32	cps
Scandium	45-2	707844	704181	711204	707743	0.50	cps
Selenium	82-1	218	125	31	125	75.15	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	330	320	352	334	4.84	cps
Silicon	28-1	1201726	1309897	1298674	1270099	4.68	cps
Silver	107-1	4868	4684	4784	4779	1.92	cps
Silver	109-1	4651	4492	4192	4445	5.24	cps
Sodium	23-2	586960058	581077480	584186924	584074820	0.50	cps
Strontium	86-1	34633	34616	35953	35067	2.19	cps
Strontium	88-1	238252	243776	245667	242565	1.59	cps
Sulfur	34-1	351280	355681	363179	356713	1.69	cps
Terbium	159-1	14051730	13650578	13866701	13856336	1.45	cps
Terbium	159-2	9043923	9277828	8943823	9088525	1.89	cps
Thallium	203-1	5851	4843	4726	5140	12.04	cps
Thallium	205-1	13741	11981	11255	12325	10.37	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 15:59:25	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4912	3951	3034	3966	23.69	cps
Tin	118-1	8269	8044	8244	8186	1.51	cps
Titanium	47-1	3901	3134	3367	3467	11.34	cps
Uranium	238-1	5009	3892	2992	3965	25.49	cps
Vanadium	51-2	1130	1110	1023	1088	5.21	cps
Yttrium	89-1	16611575	16971898	16870891	16818121	1.11	cps
Yttrium	89-2	4417125	4400399	4410376	4409300	0.19	cps
Zinc	66-2	15011	15378	15615	15335	1.98	cps
Zirconium	90-1	12831	11930	11396	12052	6.02	cps
Zirconium	91-1	2642	2442	2575	2553	3.99	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : ICV08 Instrumnet Name : P7
 Client Sample ID : ICV08 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 16:08:45 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193510	193363	196047	194307	0.78	cps
Antimony	121-1	2518471	2514363	2504603	2512479	0.28	cps
Arsenic	75-2	168392	170372	170106	169623	0.63	cps
Barium	135-1	294306	295442	296103	295284	0.31	cps
Barium	137-1	510960	514793	511138	512297	0.42	cps
Beryllium	9-1	259598	261360	260218	260392	0.34	cps
Bismuth	209-1	9440656	9422903	9350623	9404728	0.51	cps
Bismuth	209-2	7328842	7238538	7230151	7265844	0.75	cps
Boron	10-1	2625	2850	2642	2706	4.63	cps
Boron	11-1	13064	12714	12789	12856	1.43	cps
Bromine	81-1	13039	13590	13265	13298	2.08	cps
Bromine	81-2	90	70	90	83	13.86	cps
Cadmium	111-1	356304	362317	358792	359138	0.84	cps
Cadmium	106-1	38527	39488	37984	38666	1.97	cps
Cadmium	108-1	24229	24379	24079	24229	0.62	cps
Calcium	43-1	92985	94242	93161	93463	0.73	cps
Calcium	44-1	1505092	1483879	1477444	1488805	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	746255	750515	761060	752610	1.01	cps
Cobalt	59-2	1165002	1160951	1178945	1168299	0.81	cps
Copper	63-2	813920	807233	822428	814527	0.94	cps
Dysprosium	156-1	67	0	42	36	93.26	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	133	108	67	103	32.77	cps
Erbium	164-2	70	110	27	69	60.50	cps
Gadolinium	160-1	100	167	100	122	31.49	cps
Gadolinium	160-2	263	260	283	269	4.69	cps
Holmium	165-1	14216728	14361873	13967727	14182109	1.41	cps
Holmium	165-2	9697824	9581197	9609315	9629445	0.63	cps
Indium	115-1	11864008	11853019	11954416	11890481	0.47	cps
Indium	115-2	4193595	4238970	4173557	4202041	0.80	cps
Iron	56-2	13263167	13250621	13475767	13329852	0.95	cps
Iron	57-2	328320	334309	337644	333424	1.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:08:45	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	774091	769127	779518	774246	0.67	cps
Krypton	83-1	5564	5464	5531	5520	0.92	cps
Lead	206-1	2173121	2234544	2211119	2206261	1.41	cps
Lead	207-1	1613027	1799537	1800740	1737768	6.22	cps
Lead	208-1	8378437	8649073	8615583	8547697	1.73	cps
Lithium	6-1	3090293	3130288	3139727	3120102	0.84	cps
Magnesium	24-2	845988	841089	845008	844028	0.31	cps
Manganese	55-2	546926	550797	554532	550752	0.69	cps
Molybdenum	94-1	1117	1183	875	1058	15.33	cps
Molybdenum	95-1	892	833	767	831	7.53	cps
Molybdenum	96-1	1258	1375	1183	1272	7.59	cps
Molybdenum	97-1	558	583	433	525	15.31	cps
Molybdenum	98-1	1342	1483	1317	1381	6.51	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	322594	322965	323505	323021	0.14	cps
Phosphorus	31-2	767	783	775	775	1.07	cps
Potassium	39-2	1605139	1611822	1586667	1601209	0.81	cps
Rhodium	103-1	11703059	11712814	11907054	11774309	0.98	cps
Rhodium	103-2	7487241	7506102	7382164	7458502	0.90	cps
Scandium	45-1	8766794	8721262	8822724	8770260	0.58	cps
Scandium	45-2	763400	775472	773409	770760	0.84	cps
Selenium	82-1	54047	54737	54490	54425	0.64	cps
Selenium	77-2	5254	5608	5451	5438	3.26	cps
Selenium	78-2	18226	18610	18634	18490	1.24	cps
Silicon	28-1	637386	643546	640497	640476	0.48	cps
Silver	107-1	838091	851864	852724	847560	0.97	cps
Silver	109-1	793916	813142	818383	808480	1.59	cps
Sodium	23-2	2576446	2579948	2564162	2573519	0.32	cps
Strontium	86-1	10104	10662	10037	10268	3.34	cps
Strontium	88-1	10304	10304	10763	10457	2.53	cps
Sulfur	34-1	470315	468344	465020	467893	0.57	cps
Terbium	159-1	14294967	14606271	14566990	14489409	1.17	cps
Terbium	159-2	9769598	9849344	9692744	9770562	0.80	cps
Thallium	203-1	2636479	2698705	2602607	2645930	1.84	cps
Thallium	205-1	6081149	6277536	6205387	6188024	1.61	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:08:45	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	406	311	333	350	14.11	cps
Tin	118-1	925	1067	842	945	12.04	cps
Titanium	47-1	417	308	458	394	19.63	cps
Uranium	238-1	267	275	225	256	10.48	cps
Vanadium	51-2	646184	654927	659353	653488	1.03	cps
Yttrium	89-1	18665040	19162316	18943201	18923519	1.32	cps
Yttrium	89-2	4724678	4815171	4779078	4772976	0.95	cps
Zinc	66-2	257201	258451	261241	258964	0.80	cps
Zirconium	90-1	1208	1550	1817	1525	20.00	cps
Zirconium	91-1	600	625	725	650	10.18	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8058	7991	8036	8028	0.42	cps
Antimony	121-1	24989	24956	25582	25175	1.40	cps
Arsenic	75-2	882	932	828	880	5.89	cps
Barium	135-1	28145	28312	28429	28295	0.50	cps
Barium	137-1	49345	49729	50883	49986	1.60	cps
Beryllium	9-1	2807	2920	2977	2901	2.98	cps
Bismuth	209-1	9336596	9348105	9434142	9372948	0.57	cps
Bismuth	209-2	7137309	7303576	7250568	7230484	1.17	cps
Boron	10-1	9945	10721	10862	10509	4.70	cps
Boron	11-1	47657	50616	51311	49862	3.89	cps
Bromine	81-1	12697	13273	13365	13112	2.76	cps
Bromine	81-2	70	60	50	60	16.67	cps
Cadmium	111-1	7965	7972	8425	8120	3.25	cps
Cadmium	106-1	6352	6602	6827	6593	3.61	cps
Cadmium	108-1	338	333	375	349	6.58	cps
Calcium	43-1	23235	23569	23410	23405	0.71	cps
Calcium	44-1	446516	443741	448108	446122	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17333	17400	17660	17465	0.99	cps
Cobalt	59-2	11915	11895	11698	11836	1.01	cps
Copper	63-2	18018	18478	18522	18339	1.52	cps
Dysprosium	156-1	58	33	33	42	34.64	cps
Dysprosium	156-2	13	3	33	17	91.67	cps
Erbium	164-1	108	42	92	81	43.07	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	250	317	243	270	15.02	cps
Holmium	165-1	14088815	14002040	14006882	14032579	0.35	cps
Holmium	165-2	9372991	9686273	9532910	9530725	1.64	cps
Indium	115-1	11765624	11859454	11712812	11779297	0.63	cps
Indium	115-2	4204110	4174970	4169340	4182807	0.45	cps
Iron	56-2	357297	354766	356273	356112	0.36	cps
Iron	57-2	9103	9270	9136	9170	0.96	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22079	21467	21457	21668	1.64	cps
Krypton	83-1	5288	5271	5221	5260	0.66	cps
Lead	206-1	10738	10827	10988	10851	1.17	cps
Lead	207-1	9070	9025	9242	9112	1.26	cps
Lead	208-1	42004	42265	41447	41905	1.00	cps
Lithium	6-1	3085460	3087571	3091139	3088057	0.09	cps
Magnesium	24-2	365454	365377	367258	366030	0.29	cps
Manganese	55-2	6075	6028	5938	6013	1.16	cps
Molybdenum	94-1	29054	29322	29773	29383	1.24	cps
Molybdenum	95-1	34775	35419	35377	35190	1.02	cps
Molybdenum	96-1	39328	39679	39630	39546	0.48	cps
Molybdenum	97-1	21007	21950	22351	21769	3.17	cps
Molybdenum	98-1	55398	55941	54812	55384	1.02	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	3307	3397	3407	3370	1.63	cps
Phosphorus	31-2	1175	1275	1392	1281	8.47	cps
Potassium	39-2	477038	476302	476894	476745	0.08	cps
Rhodium	103-1	11720218	11765923	11650617	11712252	0.50	cps
Rhodium	103-2	7410955	7424132	7369075	7401387	0.39	cps
Scandium	45-1	8706660	8769891	8644872	8707141	0.72	cps
Scandium	45-2	756280	754802	760280	757121	0.37	cps
Selenium	82-1	1305	1217	1387	1303	6.52	cps
Selenium	77-2	137	87	123	116	22.41	cps
Selenium	78-2	841	761	846	816	5.84	cps
Silicon	28-1	722188	721952	726803	723648	0.38	cps
Silver	107-1	16034	16777	17636	16816	4.77	cps
Silver	109-1	15467	15842	16944	16084	4.77	cps
Sodium	23-2	651119	656198	663351	656889	0.94	cps
Strontium	86-1	12798	12864	12731	12798	0.52	cps
Strontium	88-1	39286	40314	40013	39871	1.33	cps
Sulfur	34-1	456832	460602	459985	459140	0.44	cps
Terbium	159-1	14449803	14529981	14432228	14470670	0.36	cps
Terbium	159-2	9487042	9574373	9584701	9548705	0.56	cps
Thallium	203-1	13365	13282	12890	13179	1.93	cps
Thallium	205-1	31261	32038	31262	31520	1.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:14:34	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	36713	36390	37437	36846	1.46	cps
Tin	118-1	54194	54345	53960	54167	0.36	cps
Titanium	47-1	10562	11013	10863	10813	2.12	cps
Uranium	238-1	35416	33837	34814	34689	2.30	cps
Vanadium	51-2	30885	30581	30077	30514	1.34	cps
Yttrium	89-1	18443740	18576096	18339848	18453228	0.64	cps
Yttrium	89-2	4669659	4748919	4639794	4686124	1.20	cps
Zinc	66-2	3497	3457	3707	3554	3.78	cps
Zirconium	90-1	25356	24487	24738	24861	1.80	cps
Zirconium	91-1	5560	5701	5610	5623	1.28	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3889	4195	4223	4102	4.51	cps
Antimony	121-1	267	408	275	317	25.10	cps
Arsenic	75-2	24	31	31	29	14.75	cps
Barium	135-1	117	67	117	100	28.87	cps
Barium	137-1	142	242	208	197	25.82	cps
Beryllium	9-1	50	53	73	59	21.43	cps
Bismuth	209-1	9674666	9383152	9432310	9496710	1.64	cps
Bismuth	209-2	7250505	7117413	7033894	7133937	1.53	cps
Boron	10-1	1567	1708	1533	1603	5.80	cps
Boron	11-1	8803	8236	7285	8108	9.46	cps
Bromine	81-1	12856	13081	12906	12948	0.91	cps
Bromine	81-2	60	140	100	100	40.00	cps
Cadmium	111-1	4846	4579	4702	4709	2.84	cps
Cadmium	106-1	6877	6477	6685	6680	3.00	cps
Cadmium	108-1	108	54	75	79	34.51	cps
Calcium	43-1	333	425	383	381	12.06	cps
Calcium	44-1	78488	80766	77457	78904	2.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3350	3474	3384	3403	1.88	cps
Cobalt	59-2	197	140	210	182	20.40	cps
Copper	63-2	1533	1373	1393	1433	6.08	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	142	100	117	119	17.56	cps
Erbium	164-2	53	60	90	68	28.82	cps
Gadolinium	160-1	75	92	183	117	50.00	cps
Gadolinium	160-2	270	320	230	273	16.50	cps
Holmium	165-1	14987502	14075318	14223495	14428772	3.39	cps
Holmium	165-2	9436433	9429589	9307967	9391330	0.77	cps
Indium	115-1	12279984	11777509	11769494	11942329	2.45	cps
Indium	115-2	4197946	4119594	4052084	4123208	1.77	cps
Iron	56-2	21699	21755	22339	21931	1.62	cps
Iron	57-2	694	678	683	685	1.24	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2493	2563	2303	2453	5.49	cps
Krypton	83-1	5421	5331	5451	5401	1.16	cps
Lead	206-1	1072	889	967	976	9.43	cps
Lead	207-1	828	794	756	793	4.56	cps
Lead	208-1	3717	3695	3545	3652	2.57	cps
Lithium	6-1	3195161	3166158	3077286	3146202	1.95	cps
Magnesium	24-2	611	667	644	641	4.36	cps
Manganese	55-2	470	467	440	459	3.58	cps
Molybdenum	94-1	542	575	525	547	4.65	cps
Molybdenum	95-1	167	175	225	189	16.70	cps
Molybdenum	96-1	425	383	500	436	13.56	cps
Molybdenum	97-1	92	108	167	122	32.22	cps
Molybdenum	98-1	325	308	342	325	5.13	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	357	300	280	312	12.74	cps
Phosphorus	31-2	817	792	683	764	9.28	cps
Potassium	39-2	84794	84375	85741	84970	0.82	cps
Rhodium	103-1	12219829	11907581	11838786	11988732	1.69	cps
Rhodium	103-2	7459958	7253296	7310282	7341179	1.45	cps
Scandium	45-1	9037670	8647086	8712700	8799152	2.38	cps
Scandium	45-2	757389	736660	754966	749672	1.51	cps
Selenium	82-1	-18	76	-127	-23	-447.27	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	330	359	352	347	4.44	cps
Silicon	28-1	623889	620298	621023	621737	0.31	cps
Silver	107-1	500	517	442	486	8.10	cps
Silver	109-1	308	308	317	311	1.55	cps
Sodium	23-2	56113	55779	55215	55702	0.81	cps
Strontium	86-1	8761	8669	8394	8608	2.22	cps
Strontium	88-1	583	817	742	714	16.69	cps
Sulfur	34-1	458016	460257	462084	460119	0.44	cps
Terbium	159-1	15191344	14621424	14607285	14806684	2.25	cps
Terbium	159-2	9643717	9537927	9639210	9606951	0.62	cps
Thallium	203-1	1475	1458	1292	1408	7.20	cps
Thallium	205-1	3501	3276	3417	3398	3.35	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:17:27	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	128	150	144	10.18	cps
Tin	118-1	1458	1392	1533	1461	4.85	cps
Titanium	47-1	292	250	225	256	13.18	cps
Uranium	238-1	67	50	67	61	15.75	cps
Vanadium	51-2	97	70	110	92	22.08	cps
Yttrium	89-1	19314903	18584133	18411756	18770264	2.55	cps
Yttrium	89-2	4702556	4659438	4599691	4653895	1.11	cps
Zinc	66-2	1403	1317	1317	1346	3.72	cps
Zirconium	90-1	1333	1417	1192	1314	8.66	cps
Zirconium	91-1	308	258	275	281	9.08	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36566394	36225312	36454204	36415303	0.48	cps
Antimony	121-1	14458	14941	14908	14769	1.83	cps
Arsenic	75-2	246	276	261	261	5.67	cps
Barium	135-1	4434	3909	3926	4090	7.30	cps
Barium	137-1	6935	6977	7427	7113	3.83	cps
Beryllium	9-1	780	737	727	748	3.79	cps
Bismuth	209-1	8924622	8769989	8811821	8835478	0.91	cps
Bismuth	209-2	6675470	6749352	6752349	6725724	0.65	cps
Boron	10-1	1558	1642	1208	1470	15.65	cps
Boron	11-1	7085	6660	7052	6932	3.41	cps
Bromine	81-1	14032	14558	14816	14469	2.76	cps
Bromine	81-2	270	190	170	210	25.20	cps
Cadmium	111-1	6261	5889	5930	6027	3.38	cps
Cadmium	106-1	6218	6210	6535	6321	2.93	cps
Cadmium	108-1	3359	3655	3338	3450	5.13	cps
Calcium	43-1	4295208	4349512	4262601	4302440	1.02	cps
Calcium	44-1	68567406	68254310	68070847	68297521	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142520	142095	140047	141554	0.93	cps
Cobalt	59-2	13256	13500	12639	13131	3.38	cps
Copper	63-2	57644	58018	56944	57536	0.95	cps
Dysprosium	156-1	92	75	92	86	11.18	cps
Dysprosium	156-2	37	17	67	40	62.91	cps
Erbium	164-1	100	125	125	117	12.37	cps
Erbium	164-2	90	93	97	93	3.57	cps
Gadolinium	160-1	150	100	158	136	23.18	cps
Gadolinium	160-2	260	273	297	277	6.71	cps
Holmium	165-1	14380364	14462088	14180222	14340891	1.01	cps
Holmium	165-2	9495109	9449929	9541565	9495534	0.48	cps
Indium	115-1	11321563	11415855	11255317	11330912	0.71	cps
Indium	115-2	4014282	3931695	3967991	3971322	1.04	cps
Iron	56-2	636897570	630542481	628330836	631923629	0.70	cps
Iron	57-2	15663170	15736804	15604824	15668266	0.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	35287306	35229225	35044157	35186896	0.36	cps
Krypton	83-1	5491	5094	5164	5250	4.03	cps
Lead	206-1	44200	45905	44395	44833	2.08	cps
Lead	207-1	34099	35252	35079	34810	1.79	cps
Lead	208-1	164946	168313	166116	166458	1.03	cps
Lithium	6-1	2895748	2958585	2916447	2923593	1.10	cps
Magnesium	24-2	70062888	70140059	70453370	70218772	0.29	cps
Manganese	55-2	38603	38442	39104	38716	0.89	cps
Molybdenum	94-1	7598122	7677637	7619199	7631653	0.54	cps
Molybdenum	95-1	13099802	13432288	13314260	13282117	1.27	cps
Molybdenum	96-1	14284491	14430624	14443878	14386331	0.61	cps
Molybdenum	97-1	8238273	8364461	8280912	8294549	0.77	cps
Molybdenum	98-1	20707672	21385969	21306129	21133257	1.75	cps
Neodymium	150-1	53	47	53	51	7.52	cps
Neodymium	150-2	40	17	37	31	40.56	cps
Nickel	60-2	15695	15001	15151	15282	2.39	cps
Phosphorus	31-2	1966917	1958639	1942490	1956015	0.64	cps
Potassium	39-2	71866556	71917212	71757514	71847094	0.11	cps
Rhodium	103-1	11001153	10903989	10881532	10928891	0.58	cps
Rhodium	103-2	6903484	6842164	6846094	6863914	0.50	cps
Scandium	45-1	8644339	8501383	8440310	8528677	1.23	cps
Scandium	45-2	730769	732881	744857	736169	1.03	cps
Selenium	82-1	-216	198	147	43	526.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	344	411	343	366	10.66	cps
Silicon	28-1	763838	760283	768068	764063	0.51	cps
Silver	107-1	1325	850	817	997	28.52	cps
Silver	109-1	1200	925	900	1008	16.51	cps
Sodium	23-2	116874739	119115372	117832472	117940861	0.95	cps
Strontium	86-1	158118	159754	160704	159525	0.82	cps
Strontium	88-1	1279487	1311212	1310193	1300297	1.39	cps
Sulfur	34-1	7951712	7944490	7995588	7963930	0.35	cps
Terbium	159-1	14660913	14808255	14580040	14683069	0.79	cps
Terbium	159-2	9562844	9372521	9530923	9488763	1.07	cps
Thallium	203-1	3692	5143	5209	4682	18.31	cps
Thallium	205-1	9028	11130	13482	11213	19.87	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:21:25	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	139	178	133	150	16.14	cps
Tin	118-1	2292	2300	2225	2272	1.81	cps
Titanium	47-1	4090113	4044792	4064885	4066597	0.56	cps
Uranium	238-1	700	633	750	694	8.43	cps
Vanadium	51-2	980	1243	1023	1082	13.05	cps
Yttrium	89-1	18232988	18112271	18247546	18197602	0.41	cps
Yttrium	89-2	4589991	4558952	4616384	4588442	0.63	cps
Zinc	66-2	14177	13947	13947	14023	0.95	cps
Zirconium	90-1	1733	1658	1542	1645	5.87	cps
Zirconium	91-1	292	358	417	356	17.59	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36929995	36791201	36615462	36778886	0.43	cps
Antimony	121-1	256493	259468	263574	259845	1.37	cps
Arsenic	75-2	16457	16756	16418	16544	1.12	cps
Barium	135-1	62572	64078	64915	63855	1.86	cps
Barium	137-1	109159	110362	112058	110526	1.32	cps
Beryllium	9-1	48606	48569	48572	48582	0.04	cps
Bismuth	209-1	9089183	9124980	9072013	9095392	0.30	cps
Bismuth	209-2	6919074	6991666	6858574	6923105	0.96	cps
Boron	10-1	1308	1192	992	1164	13.76	cps
Boron	11-1	6118	6101	6452	6224	3.17	cps
Bromine	81-1	15050	15200	16318	15522	4.46	cps
Bromine	81-2	280	270	300	284	5.39	cps
Cadmium	111-1	72948	75077	75046	74357	1.64	cps
Cadmium	106-1	12598	12297	12739	12545	1.80	cps
Cadmium	108-1	7706	7673	7961	7780	2.02	cps
Calcium	43-1	4429584	4356602	4404055	4396747	0.84	cps
Calcium	44-1	69456939	69388174	69508766	69451293	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283306	285898	285681	284962	0.50	cps
Cobalt	59-2	231175	235145	231201	232507	0.98	cps
Copper	63-2	209586	210679	210743	210336	0.31	cps
Dysprosium	156-1	50	83	75	69	24.98	cps
Dysprosium	156-2	40	57	43	47	18.90	cps
Erbium	164-1	92	142	92	108	26.65	cps
Erbium	164-2	100	90	107	99	8.48	cps
Gadolinium	160-1	192	167	183	181	7.05	cps
Gadolinium	160-2	253	227	323	268	18.64	cps
Holmium	165-1	14815172	14540837	14794756	14716922	1.04	cps
Holmium	165-2	9711626	9808104	9750724	9756818	0.50	cps
Indium	115-1	11719052	11851262	11752027	11774114	0.58	cps
Indium	115-2	4036942	4107559	4002061	4048854	1.33	cps
Iron	56-2	655795059	641321459	646842659	647986392	1.13	cps
Iron	57-2	15849765	16250137	15905525	16001809	1.36	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	35488029	35271376	35599058	35452821	0.47	cps
Krypton	83-1	5251	5334	5401	5329	1.41	cps
Lead	206-1	237617	244424	242884	241642	1.48	cps
Lead	207-1	192958	192023	198252	194411	1.73	cps
Lead	208-1	918584	924859	934148	925863	0.85	cps
Lithium	6-1	2940886	2875927	2917636	2911483	1.13	cps
Magnesium	24-2	71742485	70644490	71418735	71268570	0.79	cps
Manganese	55-2	139601	138545	140402	139516	0.67	cps
Molybdenum	94-1	7788341	7770962	7901393	7820232	0.91	cps
Molybdenum	95-1	13591155	13516483	13746776	13618138	0.86	cps
Molybdenum	96-1	14671975	14783519	14821163	14758886	0.53	cps
Molybdenum	97-1	8358836	8499861	8460115	8439604	0.86	cps
Molybdenum	98-1	21705688	21741181	21751524	21732798	0.11	cps
Neodymium	150-1	87	80	93	87	7.70	cps
Neodymium	150-2	37	37	57	43	26.64	cps
Nickel	60-2	72695	72685	70900	72093	1.43	cps
Phosphorus	31-2	2023015	1968085	1973595	1988232	1.52	cps
Potassium	39-2	74255552	72976791	72491254	73241199	1.24	cps
Rhodium	103-1	11264048	11253205	11267101	11261451	0.06	cps
Rhodium	103-2	7006368	7115462	7034282	7052037	0.80	cps
Scandium	45-1	8716904	8713232	8709154	8713097	0.04	cps
Scandium	45-2	762048	759101	753665	758271	0.56	cps
Selenium	82-1	5069	5313	5148	5177	2.40	cps
Selenium	77-2	493	503	507	501	1.38	cps
Selenium	78-2	2067	1969	1908	1981	4.06	cps
Silicon	28-1	780518	788640	787420	785526	0.56	cps
Silver	107-1	312485	318606	322534	317875	1.59	cps
Silver	109-1	294672	305991	305549	302071	2.12	cps
Sodium	23-2	121350986	120094094	120468130	120637737	0.53	cps
Strontium	86-1	161581	162910	163265	162585	0.55	cps
Strontium	88-1	1317681	1408864	1359002	1361849	3.35	cps
Sulfur	34-1	8069172	8139185	7863074	8023811	1.79	cps
Terbium	159-1	15350028	15422189	15646705	15472974	1.00	cps
Terbium	159-2	9847748	9967226	9703841	9839605	1.34	cps
Thallium	203-1	246409	246230	249445	247361	0.73	cps
Thallium	205-1	574978	585007	586956	582314	1.10	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:24:13	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	139	150	156	148	5.73	cps
Tin	118-1	2425	2834	2259	2506	11.81	cps
Titanium	47-1	4132838	4122122	4251567	4168842	1.72	cps
Uranium	238-1	608	650	592	617	4.87	cps
Vanadium	51-2	121958	121010	120893	121287	0.48	cps
Yttrium	89-1	18583677	19026537	18992661	18867625	1.31	cps
Yttrium	89-2	4738062	4768172	4712419	4739551	0.59	cps
Zinc	66-2	39348	39242	38921	39170	0.57	cps
Zirconium	90-1	1750	1492	1500	1581	9.29	cps
Zirconium	91-1	325	358	392	358	9.30	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19937605	19600140	19861262	19799669	0.89	cps
Antimony	121-1	6453664	6529191	6472716	6485191	0.61	cps
Arsenic	75-2	395209	393978	394736	394641	0.16	cps
Barium	135-1	7612776	7725571	7752154	7696834	0.96	cps
Barium	137-1	13423272	13275310	13449837	13382806	0.70	cps
Beryllium	9-1	1210733	1226721	1207967	1215141	0.83	cps
Bismuth	209-1	8937838	8928931	8883935	8916901	0.32	cps
Bismuth	209-2	6679049	6513469	6586790	6593103	1.26	cps
Boron	10-1	233252	236871	246631	238918	2.90	cps
Boron	11-1	1168338	1193400	1232821	1198186	2.71	cps
Bromine	81-1	13990	13990	13715	13899	1.14	cps
Bromine	81-2	160	140	160	153	7.53	cps
Cadmium	111-1	1743873	1746262	1767402	1752512	0.74	cps
Cadmium	106-1	192828	190983	187670	190494	1.37	cps
Cadmium	108-1	133752	133643	134017	133804	0.14	cps
Calcium	43-1	11122545	11124554	11038215	11095104	0.44	cps
Calcium	44-1	174371983	176683633	175979971	175678529	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3694894	3659748	3689551	3681398	0.51	cps
Cobalt	59-2	5494987	5472492	5509995	5492492	0.34	cps
Copper	63-2	39053092	39294674	39559311	39302359	0.64	cps
Dysprosium	156-1	1008	1050	817	958	12.99	cps
Dysprosium	156-2	607	700	690	666	7.70	cps
Erbium	164-1	175	258	192	208	21.17	cps
Erbium	164-2	100	150	123	124	20.10	cps
Gadolinium	160-1	717	792	792	767	5.65	cps
Gadolinium	160-2	670	737	673	693	5.42	cps
Holmium	165-1	14516303	14435819	14765742	14572621	1.18	cps
Holmium	165-2	9616521	9515868	9690886	9607758	0.91	cps
Indium	115-1	11464407	11332037	11398766	11398403	0.58	cps
Indium	115-2	3879199	3861200	3826994	3855798	0.69	cps
Iron	56-2	806705774	799434885	814237263	806792640	0.92	cps
Iron	57-2	19903765	20014339	20169678	20029261	0.67	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	44899530	44636251	45121376	44885719	0.54	cps
Krypton	83-1	5108	5344	5411	5288	3.02	cps
Lead	206-1	26106609	26177694	26288617	26190974	0.35	cps
Lead	207-1	22588495	22649339	22620867	22619567	0.13	cps
Lead	208-1	104740713	104985951	105024154	104916939	0.15	cps
Lithium	6-1	2835364	2871180	2865727	2857424	0.68	cps
Magnesium	24-2	184341432	186798882	185749815	185630043	0.66	cps
Manganese	55-2	25896997	25791507	26113832	25934112	0.63	cps
Molybdenum	94-1	25384929	25164116	24884205	25144417	1.00	cps
Molybdenum	95-1	35471669	35669985	35137568	35426407	0.76	cps
Molybdenum	96-1	39360772	39573143	39148823	39360912	0.54	cps
Molybdenum	97-1	22110196	22470816	21884329	22155114	1.34	cps
Molybdenum	98-1	56808980	56843355	55619689	56424008	1.23	cps
Neodymium	150-1	473	533	593	533	11.25	cps
Neodymium	150-2	113	87	120	107	16.53	cps
Nickel	60-2	1385690	1384693	1385048	1385144	0.04	cps
Phosphorus	31-2	203051	202023	205688	203587	0.93	cps
Potassium	39-2	93443044	94295356	95148746	94295715	0.90	cps
Rhodium	103-1	10975363	10836985	10668887	10827078	1.42	cps
Rhodium	103-2	6671574	6729472	6636291	6679112	0.70	cps
Scandium	45-1	8596117	8669270	8586238	8617208	0.53	cps
Scandium	45-2	730530	730160	740749	733813	0.82	cps
Selenium	82-1	125358	126763	126711	126277	0.63	cps
Selenium	77-2	11841	11841	12332	12005	2.36	cps
Selenium	78-2	41861	41341	41963	41721	0.80	cps
Silicon	28-1	30415935	30622509	30516169	30518205	0.34	cps
Silver	107-1	8494591	8454761	8436379	8461910	0.35	cps
Silver	109-1	8000502	8031460	8050697	8027553	0.32	cps
Sodium	23-2	312408451	311012563	311817163	311746059	0.22	cps
Strontium	86-1	2378670	2380586	2452336	2403864	1.75	cps
Strontium	88-1	20530060	20665911	20593764	20596578	0.33	cps
Sulfur	34-1	1275200	1275556	1259181	1269979	0.74	cps
Terbium	159-1	14957701	15117494	15066608	15047268	0.54	cps
Terbium	159-2	9680726	9528313	9530735	9579925	0.91	cps
Thallium	203-1	6303390	6452521	6426128	6394013	1.24	cps
Thallium	205-1	15112036	15115834	15089108	15105659	0.10	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:27:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22557276	23257487	23018019	22944260	1.55	cps
Tin	118-1	5410951	5457097	5410754	5426267	0.49	cps
Titanium	47-1	10463759	10553702	10612654	10543372	0.71	cps
Uranium	238-1	20791125	21314483	20988093	21031234	1.26	cps
Vanadium	51-2	3169843	3170092	3179206	3173047	0.17	cps
Yttrium	89-1	18641467	18659937	18595267	18632224	0.18	cps
Yttrium	89-2	4585850	4565130	4628154	4593045	0.70	cps
Zinc	66-2	6280148	6224115	6212020	6238761	0.58	cps
Zirconium	90-1	12800064	12727241	12818677	12781994	0.38	cps
Zirconium	91-1	2860441	2845848	2855503	2853930	0.26	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 16:34:42 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	611	611	761	661	13.10	cps
Antimony	121-1	783	892	867	847	6.70	cps
Arsenic	75-2	33	28	43	35	21.65	cps
Barium	135-1	383	400	333	372	9.32	cps
Barium	137-1	583	508	525	539	7.31	cps
Beryllium	9-1	80	53	67	67	20.00	cps
Bismuth	209-1	9852109	9753086	9454017	9686404	2.14	cps
Bismuth	209-2	7326969	7104738	7210900	7214202	1.54	cps
Boron	10-1	2100	1683	1808	1864	11.47	cps
Boron	11-1	9295	8744	9370	9136	3.74	cps
Bromine	81-1	14282	13565	13248	13698	3.87	cps
Bromine	81-2	80	140	40	87	58.08	cps
Cadmium	111-1	4304	4622	4705	4544	4.66	cps
Cadmium	106-1	6151	6568	6702	6474	4.43	cps
Cadmium	108-1	92	138	75	101	31.92	cps
Calcium	43-1	483	417	550	483	13.79	cps
Calcium	44-1	81269	84284	84008	83187	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3227	3300	3297	3275	1.26	cps
Cobalt	59-2	230	247	197	224	11.34	cps
Copper	63-2	1950	1860	1747	1852	5.50	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	25	100	92	72	56.92	cps
Erbium	164-2	43	67	60	57	21.21	cps
Gadolinium	160-1	33	83	50	56	45.83	cps
Gadolinium	160-2	263	220	283	256	12.67	cps
Holmium	165-1	15041355	14716598	14393079	14717011	2.20	cps
Holmium	165-2	9686177	9383476	9503744	9524466	1.60	cps
Indium	115-1	12543057	12204936	12215518	12321170	1.56	cps
Indium	115-2	4149799	4106324	4118249	4124791	0.54	cps
Iron	56-2	34490	34289	33955	34245	0.79	cps
Iron	57-2	828	944	1117	963	15.09	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:34:42	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3204	3104	3003	3104	3.23	cps
Krypton	83-1	5398	5501	5081	5327	4.11	cps
Lead	206-1	1911	1772	1633	1772	7.84	cps
Lead	207-1	1478	1367	1389	1411	4.17	cps
Lead	208-1	6906	6784	6712	6801	1.45	cps
Lithium	6-1	3096142	2986367	3010827	3031112	1.90	cps
Magnesium	24-2	2534	2361	2578	2491	4.60	cps
Manganese	55-2	540	553	603	566	5.90	cps
Molybdenum	94-1	958	1050	908	972	7.39	cps
Molybdenum	95-1	667	483	725	625	20.18	cps
Molybdenum	96-1	1017	900	900	939	7.17	cps
Molybdenum	97-1	483	467	325	425	20.47	cps
Molybdenum	98-1	1142	925	1025	1031	10.52	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	313	330	293	312	5.88	cps
Phosphorus	31-2	783	858	1008	883	12.97	cps
Potassium	39-2	92556	91918	92196	92223	0.35	cps
Rhodium	103-1	12434316	11923494	11956619	12104810	2.36	cps
Rhodium	103-2	7453870	7365321	7430255	7416482	0.62	cps
Scandium	45-1	9161793	8933770	8780752	8958772	2.14	cps
Scandium	45-2	753466	737872	743476	744938	1.06	cps
Selenium	82-1	13	5	290	103	158.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	341	394	311	349	12.11	cps
Silicon	28-1	611639	615793	633451	620294	1.87	cps
Silver	107-1	508	517	392	472	14.80	cps
Silver	109-1	550	358	317	408	30.48	cps
Sodium	23-2	77863	76623	76695	77060	0.90	cps
Strontium	86-1	8236	8736	8661	8544	3.16	cps
Strontium	88-1	900	875	825	867	4.41	cps
Sulfur	34-1	434632	432320	432579	433177	0.29	cps
Terbium	159-1	15316605	15094643	14815691	15075646	1.66	cps
Terbium	159-2	9736682	9536669	9639624	9637658	1.04	cps
Thallium	203-1	2359	2567	2367	2431	4.85	cps
Thallium	205-1	6085	6310	5593	5996	6.12	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:34:42	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	256	200	256	237	13.53	cps
Tin	118-1	2184	2125	2125	2145	1.57	cps
Titanium	47-1	400	333	383	372	9.32	cps
Uranium	238-1	158	283	183	208	31.75	cps
Vanadium	51-2	107	103	133	114	14.37	cps
Yttrium	89-1	19647578	18995954	18950406	19197979	2.03	cps
Yttrium	89-2	4719021	4685619	4773568	4726069	0.94	cps
Zinc	66-2	640	737	737	704	7.92	cps
Zirconium	90-1	1242	1392	1583	1406	12.18	cps
Zirconium	91-1	333	408	433	392	13.29	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8854	8191	8502	8516	3.89	cps
Antimony	121-1	24597	24246	24780	24541	1.11	cps
Arsenic	75-2	832	872	872	859	2.74	cps
Barium	135-1	28872	29540	29373	29261	1.19	cps
Barium	137-1	49688	50616	52071	50791	2.36	cps
Beryllium	9-1	2627	2670	2757	2685	2.47	cps
Bismuth	209-1	10088887	10029469	9558348	9892235	2.94	cps
Bismuth	209-2	7193043	7240682	7334648	7256124	0.99	cps
Boron	10-1	8394	9803	10621	9606	11.72	cps
Boron	11-1	45016	48510	50399	47975	5.69	cps
Bromine	81-1	13623	13848	14065	13846	1.60	cps
Bromine	81-2	50	70	40	53	28.64	cps
Cadmium	111-1	8697	8121	8637	8485	3.73	cps
Cadmium	106-1	7310	6902	7394	7202	3.66	cps
Cadmium	108-1	304	379	413	365	15.19	cps
Calcium	43-1	22667	23544	23819	23343	2.58	cps
Calcium	44-1	439858	439420	450165	443148	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17527	17587	17594	17569	0.21	cps
Cobalt	59-2	11835	11214	11378	11476	2.80	cps
Copper	63-2	18488	18161	18525	18391	1.09	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	125	92	142	119	21.31	cps
Erbium	164-2	73	57	63	64	13.01	cps
Gadolinium	160-1	175	58	108	114	51.39	cps
Gadolinium	160-2	277	267	267	270	2.14	cps
Holmium	165-1	15230593	14766771	14972366	14989910	1.55	cps
Holmium	165-2	9580435	9558760	9673614	9604270	0.64	cps
Indium	115-1	12768538	12563831	12150214	12494194	2.52	cps
Indium	115-2	4179247	4127280	4168304	4158277	0.66	cps
Iron	56-2	377875	365909	361522	368435	2.30	cps
Iron	57-2	9731	9253	8992	9325	4.02	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22741	21588	22289	22206	2.62	cps
Krypton	83-1	5674	5258	5491	5474	3.82	cps
Lead	206-1	10982	11777	11238	11333	3.58	cps
Lead	207-1	9331	9175	9759	9422	3.21	cps
Lead	208-1	43795	44234	44985	44338	1.36	cps
Lithium	6-1	3156280	3106364	3039862	3100835	1.88	cps
Magnesium	24-2	370629	368665	368992	369428	0.28	cps
Manganese	55-2	6221	5861	6015	6032	3.00	cps
Molybdenum	94-1	29388	29772	30290	29817	1.52	cps
Molybdenum	95-1	34717	36496	36254	35823	2.69	cps
Molybdenum	96-1	39696	40599	41560	40618	2.29	cps
Molybdenum	97-1	22151	22501	21583	22078	2.10	cps
Molybdenum	98-1	57832	56033	57163	57009	1.60	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3254	3394	3304	3317	2.14	cps
Phosphorus	31-2	1317	1017	1325	1220	14.41	cps
Potassium	39-2	482899	477091	473883	477958	0.96	cps
Rhodium	103-1	12479250	12299097	12028518	12268955	1.85	cps
Rhodium	103-2	7450186	7450730	7343951	7414955	0.83	cps
Scandium	45-1	9176465	8955717	8831188	8987790	1.95	cps
Scandium	45-2	753184	755240	756714	755046	0.23	cps
Selenium	82-1	1253	1670	1276	1400	16.74	cps
Selenium	77-2	87	93	193	124	48.02	cps
Selenium	78-2	822	780	767	790	3.68	cps
Silicon	28-1	684768	683891	688238	685632	0.34	cps
Silver	107-1	16268	17453	18329	17350	5.96	cps
Silver	109-1	15484	16485	17069	16346	4.90	cps
Sodium	23-2	664118	656592	653628	658113	0.82	cps
Strontium	86-1	13356	13089	13031	13159	1.32	cps
Strontium	88-1	40122	40331	39471	39975	1.12	cps
Sulfur	34-1	435124	433171	437249	435182	0.47	cps
Terbium	159-1	15846191	15524316	14947017	15439175	2.95	cps
Terbium	159-2	9680952	9610538	9754651	9682047	0.74	cps
Thallium	203-1	14516	13699	14325	14180	3.02	cps
Thallium	205-1	34160	34344	34077	34194	0.40	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:37:34	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	36529	37476	37972	37326	1.96	cps
Tin	118-1	54621	54446	54822	54630	0.34	cps
Titanium	47-1	11079	10596	10771	10815	2.26	cps
Uranium	238-1	34397	35667	35199	35088	1.83	cps
Vanadium	51-2	30638	30441	30424	30501	0.39	cps
Yttrium	89-1	19989186	19383518	18996411	19456372	2.57	cps
Yttrium	89-2	4682831	4648091	4616710	4649211	0.71	cps
Zinc	66-2	3467	3324	3357	3383	2.22	cps
Zirconium	90-1	24880	25756	24571	25069	2.45	cps
Zirconium	91-1	5601	5451	5618	5557	1.65	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BL	Instrumnet Name :	P7
Client Sample ID :	PB144227BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:54:12	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294	267	200	254	19.13	cps
Antimony	121-1	175	317	200	231	32.80	cps
Arsenic	75-2	33	22	24	27	22.43	cps
Barium	135-1	50	75	58	61	20.83	cps
Barium	137-1	108	92	83	94	13.48	cps
Beryllium	9-1	27	43	37	36	23.58	cps
Bismuth	209-1	9516391	9492957	9180756	9396701	1.99	cps
Bismuth	209-2	7075976	7014497	7023051	7037841	0.47	cps
Boron	10-1	783	600	592	658	16.46	cps
Boron	11-1	3359	3609	3667	3545	4.62	cps
Bromine	81-1	12622	12806	12831	12753	0.89	cps
Bromine	81-2	90	70	90	83	13.86	cps
Cadmium	111-1	4094	4223	4108	4142	1.71	cps
Cadmium	106-1	5893	6018	5835	5915	1.58	cps
Cadmium	108-1	104	50	67	74	37.69	cps
Calcium	43-1	300	233	300	278	13.86	cps
Calcium	44-1	80355	78906	79501	79587	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3384	3407	3527	3439	2.24	cps
Cobalt	59-2	200	160	183	181	11.09	cps
Copper	63-2	1313	1317	1437	1356	5.18	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	77	57	47	60	25.46	cps
Gadolinium	160-1	150	92	58	100	46.40	cps
Gadolinium	160-2	213	217	243	224	7.33	cps
Holmium	165-1	14314101	14162627	13827423	14101384	1.77	cps
Holmium	165-2	9387746	9233622	9307262	9309543	0.83	cps
Indium	115-1	12076925	11911656	11538903	11842495	2.33	cps
Indium	115-2	4105936	3994117	4004720	4034924	1.53	cps
Iron	56-2	27648	27325	27459	27477	0.59	cps
Iron	57-2	922	900	894	906	1.62	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : PB144227BL Instrumnet Name : P7
 Client Sample ID : PB144227BL Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 16:54:12 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2773	2583	2553	2636	4.53	cps
Krypton	83-1	5441	5398	5218	5352	2.21	cps
Lead	206-1	661	778	756	732	8.47	cps
Lead	207-1	567	644	600	604	6.46	cps
Lead	208-1	2728	2850	2906	2828	3.22	cps
Lithium	6-1	3062265	3026930	3008780	3032658	0.90	cps
Magnesium	24-2	506	528	511	515	2.25	cps
Manganese	55-2	383	390	383	386	1.00	cps
Molybdenum	94-1	467	450	425	447	4.69	cps
Molybdenum	95-1	142	258	225	208	28.84	cps
Molybdenum	96-1	333	275	433	347	23.06	cps
Molybdenum	97-1	225	133	142	167	30.41	cps
Molybdenum	98-1	225	325	283	278	18.08	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	337	313	303	318	5.38	cps
Phosphorus	31-2	1075	775	792	881	19.15	cps
Potassium	39-2	79601	80605	81216	80474	1.01	cps
Rhodium	103-1	11821593	11568365	11483536	11624498	1.51	cps
Rhodium	103-2	7234856	7103865	7317125	7218615	1.49	cps
Scandium	45-1	8569294	8652664	8462998	8561652	1.11	cps
Scandium	45-2	729945	721178	723942	725022	0.62	cps
Selenium	82-1	-149	-121	120	-50	-296.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	300	296	278	291	4.09	cps
Silicon	28-1	590627	599721	603401	597916	1.10	cps
Silver	107-1	150	133	150	144	6.66	cps
Silver	109-1	58	83	133	92	41.66	cps
Sodium	23-2	43283	42670	43634	43196	1.13	cps
Strontium	86-1	8428	8653	8303	8461	2.10	cps
Strontium	88-1	683	517	575	592	14.29	cps
Sulfur	34-1	442999	442227	443063	442763	0.11	cps
Terbium	159-1	14787770	14717187	14348576	14617844	1.61	cps
Terbium	159-2	9454895	9299102	9302219	9352072	0.95	cps
Thallium	203-1	992	1083	1317	1131	14.82	cps
Thallium	205-1	2825	2684	3034	2848	6.18	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BL	Instrumnet Name :	P7
Client Sample ID :	PB144227BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:54:12	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	94	56	65	40.50	cps
Tin	118-1	1092	1158	1183	1145	4.14	cps
Titanium	47-1	308	283	333	308	8.11	cps
Uranium	238-1	67	133	108	103	32.77	cps
Vanadium	51-2	83	67	77	76	11.10	cps
Yttrium	89-1	18353590	18430405	18318916	18367637	0.31	cps
Yttrium	89-2	4545014	4538819	4573461	4552431	0.41	cps
Zinc	66-2	523	600	507	543	9.16	cps
Zirconium	90-1	1142	1083	1125	1117	2.69	cps
Zirconium	91-1	167	333	308	269	33.36	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3772805	3812132	3722762	3769233	1.19	cps
Antimony	121-1	6407720	6404993	6301605	6371439	0.95	cps
Arsenic	75-2	383592	389126	385904	386207	0.72	cps
Barium	135-1	7776379	7783184	7665490	7741684	0.85	cps
Barium	137-1	13277542	13564120	13300098	13380587	1.19	cps
Beryllium	9-1	1328986	1350787	1321224	1333666	1.15	cps
Bismuth	209-1	9098486	9172639	9174554	9148560	0.47	cps
Bismuth	209-2	6797449	6751017	6819010	6789159	0.51	cps
Boron	10-1	282122	293820	296380	290774	2.61	cps
Boron	11-1	1394039	1498027	1485170	1459079	3.89	cps
Bromine	81-1	12331	12973	11888	12397	4.40	cps
Bromine	81-2	100	100	120	107	10.83	cps
Cadmium	111-1	1772883	1776061	1766790	1771912	0.27	cps
Cadmium	106-1	193791	193157	188032	191660	1.65	cps
Cadmium	108-1	135325	134010	134998	134777	0.51	cps
Calcium	43-1	2225528	2191152	2193760	2203480	0.87	cps
Calcium	44-1	35114108	34718641	34360609	34731120	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3612403	3604305	3593574	3603427	0.26	cps
Cobalt	59-2	5567131	5551415	5570109	5562885	0.18	cps
Copper	63-2	40095885	39562899	40082936	39913907	0.76	cps
Dysprosium	156-1	342	275	325	314	11.05	cps
Dysprosium	156-2	353	363	363	360	1.60	cps
Erbium	164-1	108	225	167	167	35.00	cps
Erbium	164-2	157	93	100	117	29.83	cps
Gadolinium	160-1	283	283	417	328	23.49	cps
Gadolinium	160-2	447	410	403	420	5.56	cps
Holmium	165-1	14150446	14473564	14351313	14325107	1.14	cps
Holmium	165-2	9352460	9229428	9201519	9261136	0.87	cps
Indium	115-1	11479807	11291733	11072921	11281487	1.81	cps
Indium	115-2	3820351	3745017	3776317	3780562	1.00	cps
Iron	56-2	163842993	162742409	162118343	162901248	0.54	cps
Iron	57-2	4008648	4033090	3997620	4013120	0.45	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9151952	9135231	9128866	9138683	0.13	cps
Krypton	83-1	5191	5278	5111	5193	1.61	cps
Lead	206-1	27008612	27152219	27031000	27063944	0.29	cps
Lead	207-1	23186610	23174039	23461744	23274131	0.70	cps
Lead	208-1	106748963	108038493	108662660	107816705	0.91	cps
Lithium	6-1	2971592	3083768	2966632	3007331	2.20	cps
Magnesium	24-2	37156558	37358812	36607476	37040949	1.05	cps
Manganese	55-2	25946648	26068965	25842241	25952618	0.44	cps
Molybdenum	94-1	24755784	24472144	24222940	24483623	1.09	cps
Molybdenum	95-1	35264489	34996603	34625974	34962355	0.92	cps
Molybdenum	96-1	39199899	38541840	38317203	38686314	1.19	cps
Molybdenum	97-1	21974731	22020134	21583982	21859616	1.10	cps
Molybdenum	98-1	55457222	55777104	54646404	55293577	1.05	cps
Neodymium	150-1	487	420	460	456	7.36	cps
Neodymium	150-2	87	97	123	102	18.54	cps
Nickel	60-2	1383170	1381724	1387088	1383994	0.20	cps
Phosphorus	31-2	197641	197951	197090	197561	0.22	cps
Potassium	39-2	18532523	18365929	18327567	18408673	0.59	cps
Rhodium	103-1	11056876	10982626	10817106	10952203	1.12	cps
Rhodium	103-2	6748070	6617518	6575638	6647075	1.35	cps
Scandium	45-1	8448606	8204356	8062969	8238644	2.37	cps
Scandium	45-2	704695	686685	691005	694129	1.35	cps
Selenium	82-1	125143	125994	125585	125574	0.34	cps
Selenium	77-2	11681	12379	12429	12163	3.43	cps
Selenium	78-2	40525	40111	40275	40304	0.52	cps
Silicon	28-1	35917248	35969912	36049020	35978727	0.18	cps
Silver	107-1	8576918	8663456	8557611	8599329	0.66	cps
Silver	109-1	8158587	8311776	8116909	8195757	1.25	cps
Sodium	23-2	61218043	61641669	60812226	61223980	0.68	cps
Strontium	86-1	2352022	2341300	2351030	2348117	0.25	cps
Strontium	88-1	19919499	20084328	20097776	20033868	0.50	cps
Sulfur	34-1	1347478	1325802	1302126	1325135	1.71	cps
Terbium	159-1	14596395	14828347	14536534	14653758	1.05	cps
Terbium	159-2	9364052	9215977	9308529	9296186	0.80	cps
Thallium	203-1	6479775	6694653	6679375	6617934	1.81	cps
Thallium	205-1	15498784	15621845	15481469	15534032	0.49	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144227BS	Instrumnet Name :	P7
Client Sample ID :	PB144227BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 16:57:04	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22413291	22890438	22736601	22680110	1.07	cps
Tin	118-1	5500544	5530612	5346409	5459189	1.81	cps
Titanium	47-1	10533469	10459154	10465698	10486107	0.39	cps
Uranium	238-1	20555343	20869828	20884102	20769758	0.89	cps
Vanadium	51-2	3069565	3058693	3077242	3068500	0.30	cps
Yttrium	89-1	18132502	18058915	17746308	17979242	1.14	cps
Yttrium	89-2	4348558	4311292	4265141	4308330	0.97	cps
Zinc	66-2	6428653	6296578	6383596	6369609	1.05	cps
Zirconium	90-1	12452887	12400134	12337632	12396884	0.47	cps
Zirconium	91-1	2758528	2741529	2735799	2745285	0.43	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : PB144228BL Instrumnet Name : P7
 Client Sample ID : PB144228BL Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 17:04:45 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322	244	256	274	15.35	cps
Antimony	121-1	608	500	450	519	15.58	cps
Arsenic	75-2	39	28	39	35	18.23	cps
Barium	135-1	92	150	83	108	33.53	cps
Barium	137-1	142	150	158	150	5.56	cps
Beryllium	9-1	50	77	60	62	21.65	cps
Bismuth	209-1	9219487	9189497	9316242	9241742	0.72	cps
Bismuth	209-2	7165572	7186134	7232087	7194597	0.47	cps
Boron	10-1	1925	1725	1783	1811	5.68	cps
Boron	11-1	9036	8761	9128	8975	2.13	cps
Bromine	81-1	13223	13623	12964	13270	2.50	cps
Bromine	81-2	60	70	60	63	9.12	cps
Cadmium	111-1	4554	4051	4028	4211	7.05	cps
Cadmium	106-1	6477	5793	5751	6007	6.78	cps
Cadmium	108-1	67	71	104	81	25.52	cps
Calcium	43-1	242	242	367	283	25.47	cps
Calcium	44-1	76619	77356	78228	77401	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3074	3124	3187	3128	1.82	cps
Cobalt	59-2	223	207	170	200	13.64	cps
Copper	63-2	1453	1603	1627	1561	6.03	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	92	42	117	83	45.82	cps
Erbium	164-2	67	50	43	53	22.54	cps
Gadolinium	160-1	108	92	108	103	9.36	cps
Gadolinium	160-2	247	290	270	269	8.07	cps
Holmium	165-1	13711177	13819950	13985779	13838969	1.00	cps
Holmium	165-2	9300037	9460567	9400575	9387060	0.86	cps
Indium	115-1	11553926	11480814	11544277	11526339	0.34	cps
Indium	115-2	4020743	4000194	4056161	4025699	0.70	cps
Iron	56-2	25527	25038	24926	25164	1.27	cps
Iron	57-2	878	761	733	791	9.69	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BL	Instrumnet Name :	P7
Client Sample ID :	PB144228BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:04:45	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2843	2613	2503	2653	6.55	cps
Krypton	83-1	4797	4864	5264	4975	5.07	cps
Lead	206-1	872	933	833	880	5.73	cps
Lead	207-1	806	778	717	767	5.93	cps
Lead	208-1	3595	3856	3845	3765	3.92	cps
Lithium	6-1	2866552	2968464	2899412	2911476	1.79	cps
Magnesium	24-2	672	689	761	707	6.68	cps
Manganese	55-2	573	653	593	607	6.86	cps
Molybdenum	94-1	650	650	758	686	9.12	cps
Molybdenum	95-1	425	408	533	456	14.90	cps
Molybdenum	96-1	642	658	692	664	3.84	cps
Molybdenum	97-1	433	200	233	289	43.68	cps
Molybdenum	98-1	783	600	517	633	21.54	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	333	287	294	12.10	cps
Phosphorus	31-2	958	800	742	833	13.45	cps
Potassium	39-2	78319	77271	77757	77782	0.67	cps
Rhodium	103-1	11276031	11339158	11528153	11381114	1.15	cps
Rhodium	103-2	7133849	7281210	7179853	7198304	1.05	cps
Scandium	45-1	8229301	8295657	8389271	8304743	0.97	cps
Scandium	45-2	722334	717020	716077	718477	0.47	cps
Selenium	82-1	148	159	13	107	76.08	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	381	320	367	356	8.95	cps
Silicon	28-1	584989	590953	595508	590483	0.89	cps
Silver	107-1	392	325	350	356	9.47	cps
Silver	109-1	325	192	333	283	28.06	cps
Sodium	23-2	40977	41022	40637	40878	0.51	cps
Strontium	86-1	7961	8669	9011	8547	6.27	cps
Strontium	88-1	750	625	775	717	11.21	cps
Sulfur	34-1	393500	396799	398760	396353	0.67	cps
Terbium	159-1	14196444	14137936	14371878	14235419	0.86	cps
Terbium	159-2	9515526	9328507	9424176	9422737	0.99	cps
Thallium	203-1	1250	1292	1342	1295	3.55	cps
Thallium	205-1	3009	2784	2992	2928	4.28	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BL	Instrumnet Name :	P7
Client Sample ID :	PB144228BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:04:45	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	333	256	257	29.14	cps
Tin	118-1	992	1067	892	983	8.93	cps
Titanium	47-1	333	308	333	325	4.44	cps
Uranium	238-1	208	208	225	214	4.50	cps
Vanadium	51-2	57	97	87	80	26.02	cps
Yttrium	89-1	17897020	18030403	18232956	18053459	0.94	cps
Yttrium	89-2	4542031	4551763	4478257	4524017	0.88	cps
Zinc	66-2	497	537	423	486	11.84	cps
Zirconium	90-1	1242	1200	1258	1233	2.44	cps
Zirconium	91-1	192	308	233	244	24.19	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : PB144228BS Instrumnet Name : P7
 Client Sample ID : PB144228BS Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 17:07:37 DataFile Name : 022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3802902	3808336	3863812	3825017	0.88	cps
Antimony	121-1	6174284	6420601	6377544	6324143	2.08	cps
Arsenic	75-2	394425	393220	396614	394753	0.44	cps
Barium	135-1	7548522	7670788	7706100	7641803	1.08	cps
Barium	137-1	13126823	13384367	13252936	13254709	0.97	cps
Beryllium	9-1	1293337	1324738	1260637	1292904	2.48	cps
Bismuth	209-1	9244003	9248082	9165147	9219078	0.51	cps
Bismuth	209-2	7010231	6981427	6999721	6997126	0.21	cps
Boron	10-1	266810	281768	284202	277593	3.39	cps
Boron	11-1	1350496	1442728	1433663	1408962	3.61	cps
Bromine	81-1	13131	12547	13415	13031	3.39	cps
Bromine	81-2	120	90	140	117	21.57	cps
Cadmium	111-1	1744064	1765104	1759006	1756058	0.62	cps
Cadmium	106-1	189760	193845	192584	192063	1.09	cps
Cadmium	108-1	132445	133992	133475	133304	0.59	cps
Calcium	43-1	2168843	2200943	2232805	2200864	1.45	cps
Calcium	44-1	34066126	34472477	34629335	34389313	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3681287	3667226	3651848	3666787	0.40	cps
Cobalt	59-2	5583109	5559149	5645626	5595961	0.80	cps
Copper	63-2	40362797	40338615	40324819	40342077	0.05	cps
Dysprosium	156-1	375	358	400	378	5.55	cps
Dysprosium	156-2	297	323	323	314	4.90	cps
Erbium	164-1	208	175	158	181	14.10	cps
Erbium	164-2	113	110	117	113	2.94	cps
Gadolinium	160-1	383	367	317	356	9.76	cps
Gadolinium	160-2	477	433	537	482	10.76	cps
Holmium	165-1	14145604	14225382	14226030	14199005	0.33	cps
Holmium	165-2	9555596	9498788	9537028	9530470	0.30	cps
Indium	115-1	11180591	11352565	11231820	11254992	0.78	cps
Indium	115-2	3958419	3855419	3990334	3934724	1.79	cps
Iron	56-2	164219709	165647193	163158531	164341811	0.76	cps
Iron	57-2	4059034	4051429	4090879	4067114	0.51	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BS	Instrumnet Name :	P7
Client Sample ID :	PB144228BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:07:37	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9067389	9245088	9168352	9160276	0.97	cps
Krypton	83-1	5474	5404	5308	5395	1.55	cps
Lead	206-1	27238644	27431837	27400144	27356875	0.38	cps
Lead	207-1	23265262	23692527	23488117	23481969	0.91	cps
Lead	208-1	108366333	109914093	108722455	109000960	0.74	cps
Lithium	6-1	2958328	2936868	2907008	2934068	0.88	cps
Magnesium	24-2	36548654	36913005	36407062	36622907	0.71	cps
Manganese	55-2	25888350	26407677	26252800	26182942	1.02	cps
Molybdenum	94-1	24608426	24462594	24385555	24485525	0.46	cps
Molybdenum	95-1	34570511	34597016	34394018	34520515	0.32	cps
Molybdenum	96-1	38098577	38242803	38537800	38293060	0.58	cps
Molybdenum	97-1	21530369	21619962	21802139	21650823	0.64	cps
Molybdenum	98-1	55198765	55182613	55508094	55296490	0.33	cps
Neodymium	150-1	513	487	407	469	11.84	cps
Neodymium	150-2	103	83	117	101	16.60	cps
Nickel	60-2	1395873	1397088	1407121	1400027	0.44	cps
Phosphorus	31-2	195580	198441	199555	197859	1.04	cps
Potassium	39-2	18532564	18492220	18530224	18518336	0.12	cps
Rhodium	103-1	10985819	10923622	10899620	10936354	0.41	cps
Rhodium	103-2	6920538	6918748	6965698	6934995	0.38	cps
Scandium	45-1	8222462	8151958	8110350	8161590	0.69	cps
Scandium	45-2	709879	706721	717275	711292	0.76	cps
Selenium	82-1	123940	126779	125988	125569	1.17	cps
Selenium	77-2	12205	12312	12339	12285	0.58	cps
Selenium	78-2	40448	40841	41387	40892	1.15	cps
Silicon	28-1	35160381	35528928	35467938	35385749	0.56	cps
Silver	107-1	8512719	8498111	8590818	8533883	0.58	cps
Silver	109-1	8168579	8150524	8288808	8202637	0.92	cps
Sodium	23-2	60831664	61428228	60358286	60872726	0.88	cps
Strontium	86-1	2312570	2346041	2305995	2321535	0.93	cps
Strontium	88-1	19841571	20122954	19944033	19969519	0.71	cps
Sulfur	34-1	1285158	1287088	1294453	1288900	0.38	cps
Terbium	159-1	14443588	14636108	14624936	14568210	0.74	cps
Terbium	159-2	9323137	9582504	9556667	9487436	1.51	cps
Thallium	203-1	6513715	6597242	6585922	6565627	0.69	cps
Thallium	205-1	15552173	15814310	15457983	15608155	1.18	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	PB144228BS	Instrumnet Name :	P7
Client Sample ID :	PB144228BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:07:37	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22920894	23032384	23020078	22991118	0.27	cps
Tin	118-1	5399946	5428036	5390414	5406132	0.36	cps
Titanium	47-1	10322829	10464010	10249296	10345378	1.05	cps
Uranium	238-1	20724450	20924172	20797807	20815477	0.49	cps
Vanadium	51-2	3114825	3152261	3154722	3140602	0.71	cps
Yttrium	89-1	17797171	17922370	17598286	17772609	0.92	cps
Yttrium	89-2	4458483	4493353	4530880	4494239	0.81	cps
Zinc	66-2	6477048	6428515	6409419	6438327	0.54	cps
Zirconium	90-1	12428513	12521990	12255281	12401928	1.09	cps
Zirconium	91-1	2752798	2746166	2745913	2748292	0.14	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7085033	7099462	7229920	7138139	1.12	cps
Antimony	121-1	675	767	783	742	7.87	cps
Arsenic	75-2	1211	1180	1232	1207	2.16	cps
Barium	135-1	547004	542794	541551	543783	0.53	cps
Barium	137-1	947026	940077	941636	942913	0.39	cps
Beryllium	9-1	4657	4281	4531	4490	4.27	cps
Bismuth	209-1	9569004	9379968	9425193	9458055	1.04	cps
Bismuth	209-2	7336501	7336667	7420581	7364583	0.66	cps
Boron	10-1	2759	2800	2517	2692	5.68	cps
Boron	11-1	12806	12814	13515	13045	3.12	cps
Bromine	81-1	12656	13106	13490	13084	3.19	cps
Bromine	81-2	380	310	220	304	26.44	cps
Cadmium	111-1	4906	4439	4774	4706	5.12	cps
Cadmium	106-1	6910	6335	6760	6668	4.48	cps
Cadmium	108-1	133	208	196	179	22.43	cps
Calcium	43-1	75363	77063	77901	76776	1.68	cps
Calcium	44-1	1243691	1257276	1257243	1252736	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144639	146110	147534	146094	0.99	cps
Cobalt	59-2	84838	84553	86152	85181	1.00	cps
Copper	63-2	2978511	2986613	3051169	3005431	1.32	cps
Dysprosium	156-1	74239	77255	76920	76138	2.17	cps
Dysprosium	156-2	52281	52598	52655	52512	0.38	cps
Erbium	164-1	62181	62289	63378	62616	1.06	cps
Erbium	164-2	42247	42207	42267	42240	0.07	cps
Gadolinium	160-1	68334	68602	69081	68672	0.55	cps
Gadolinium	160-2	50330	49581	49624	49845	0.84	cps
Holmium	165-1	14363284	14192117	14614496	14389966	1.48	cps
Holmium	165-2	9800250	9780939	9832581	9804590	0.27	cps
Indium	115-1	11921902	11464569	11801505	11729325	2.02	cps
Indium	115-2	4175784	4164089	4220207	4186693	0.71	cps
Iron	56-2	95412810	95505544	97953036	96290463	1.50	cps
Iron	57-2	2369955	2372077	2449397	2397143	1.89	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5315032	5284423	5343555	5314337	0.56	cps
Krypton	83-1	5414	5514	5141	5357	3.61	cps
Lead	206-1	79134	80230	79587	79650	0.69	cps
Lead	207-1	59441	61277	61895	60871	2.10	cps
Lead	208-1	293111	297557	298454	296374	0.97	cps
Lithium	6-1	3035887	3030155	3019762	3028601	0.27	cps
Magnesium	24-2	4482045	4457163	4531337	4490182	0.84	cps
Manganese	55-2	1725221	1710172	1748589	1727994	1.12	cps
Molybdenum	94-1	40072	40816	41526	40805	1.78	cps
Molybdenum	95-1	3859	4051	3792	3901	3.44	cps
Molybdenum	96-1	11430	11547	11471	11483	0.51	cps
Molybdenum	97-1	2659	2567	2542	2589	2.37	cps
Molybdenum	98-1	6302	6627	6585	6504	2.72	cps
Neodymium	150-1	123764	125351	125957	125024	0.91	cps
Neodymium	150-2	74238	74044	73859	74047	0.26	cps
Nickel	60-2	38115	39144	39552	38937	1.90	cps
Phosphorus	31-2	5493	5168	5418	5359	3.18	cps
Potassium	39-2	1887706	1928888	1908138	1908244	1.08	cps
Rhodium	103-1	11529767	11346211	11380213	11418730	0.86	cps
Rhodium	103-2	7356724	7353338	7278894	7329652	0.60	cps
Scandium	45-1	8628280	8668570	8655971	8650940	0.24	cps
Scandium	45-2	755650	760857	774398	763635	1.27	cps
Selenium	82-1	31	72	439	181	124.39	cps
Selenium	77-2	307	293	293	298	2.58	cps
Selenium	78-2	594	578	600	591	1.96	cps
Silicon	28-1	14317097	16027805	18172118	16172340	11.94	cps
Silver	107-1	1700	1675	1867	1747	5.96	cps
Silver	109-1	1300	1433	1658	1464	12.37	cps
Sodium	23-2	148778	151230	151212	150406	0.94	cps
Strontium	86-1	48472	48348	49272	48697	1.03	cps
Strontium	88-1	349441	347602	348715	348586	0.27	cps
Sulfur	34-1	367996	355065	345271	356111	3.20	cps
Terbium	159-1	14881167	14601896	14883983	14789015	1.10	cps
Terbium	159-2	9846809	9858000	9675356	9793388	1.05	cps
Thallium	203-1	2792	3017	2767	2859	4.82	cps
Thallium	205-1	7135	6660	7110	6969	3.84	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:16:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	371364	369477	370375	370405	0.25	cps
Tin	118-1	9455	8786	9345	9195	3.90	cps
Titanium	47-1	467273	447874	497932	471026	5.36	cps
Uranium	238-1	102830	100316	103458	102201	1.63	cps
Vanadium	51-2	145877	144962	146362	145733	0.49	cps
Yttrium	89-1	19541680	19244511	19294754	19360315	0.82	cps
Yttrium	89-2	4954683	4948113	5004942	4969246	0.63	cps
Zinc	66-2	73727	73975	73939	73881	0.18	cps
Zirconium	90-1	110501	107895	109418	109271	1.20	cps
Zirconium	91-1	25006	31313	24337	26885	14.32	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5562224	5461327	5503378	5508976	0.92	cps
Antimony	121-1	600	533	575	569	5.91	cps
Arsenic	75-2	4530	4414	4641	4528	2.52	cps
Barium	135-1	488586	499933	493582	494034	1.15	cps
Barium	137-1	839732	866090	860809	855544	1.63	cps
Beryllium	9-1	10173	10017	10283	10158	1.32	cps
Bismuth	209-1	9493706	9611481	9572750	9559312	0.63	cps
Bismuth	209-2	7265032	7335502	7383473	7328002	0.81	cps
Boron	10-1	1825	1858	1917	1867	2.49	cps
Boron	11-1	9887	9612	9053	9517	4.46	cps
Bromine	81-1	14115	14282	14741	14380	2.25	cps
Bromine	81-2	320	240	460	340	32.75	cps
Cadmium	111-1	5144	4649	4605	4799	6.24	cps
Cadmium	106-1	7185	6593	6518	6766	5.40	cps
Cadmium	108-1	158	208	238	201	19.88	cps
Calcium	43-1	46280	44926	46606	45937	1.94	cps
Calcium	44-1	784395	786583	789113	786697	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	190214	191803	191051	191023	0.42	cps
Cobalt	59-2	180748	181974	181431	181384	0.34	cps
Copper	63-2	6698569	6774608	6753612	6742263	0.58	cps
Dysprosium	156-1	69046	70394	69891	69777	0.98	cps
Dysprosium	156-2	45611	45851	46554	46005	1.07	cps
Erbium	164-1	58347	58590	58322	58420	0.25	cps
Erbium	164-2	39235	39278	38637	39050	0.92	cps
Gadolinium	160-1	60456	62189	62038	61561	1.56	cps
Gadolinium	160-2	43675	43768	43477	43640	0.34	cps
Holmium	165-1	14385416	14772033	14568611	14575353	1.33	cps
Holmium	165-2	9678876	9722702	9861823	9754467	0.98	cps
Indium	115-1	11862109	11962429	11983692	11936077	0.54	cps
Indium	115-2	4168070	4211224	4250118	4209804	0.97	cps
Iron	56-2	216000160	218581638	215878721	216820173	0.70	cps
Iron	57-2	5313990	5359806	5243887	5305895	1.10	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11896429	11923245	11877378	11899017	0.19	cps
Krypton	83-1	5308	5531	5518	5452	2.30	cps
Lead	206-1	139884	141304	141180	140790	0.56	cps
Lead	207-1	107810	108549	109255	108538	0.67	cps
Lead	208-1	523899	531333	532169	529134	0.86	cps
Lithium	6-1	2989345	2886480	2847213	2907680	2.52	cps
Magnesium	24-2	2607227	2624972	2643571	2625257	0.69	cps
Manganese	55-2	3983687	4005308	4013588	4000861	0.39	cps
Molybdenum	94-1	43802	45897	44034	44578	2.58	cps
Molybdenum	95-1	2792	2592	2825	2736	4.61	cps
Molybdenum	96-1	10804	11046	11046	10965	1.27	cps
Molybdenum	97-1	1542	1683	1925	1717	11.29	cps
Molybdenum	98-1	4167	4551	4134	4284	5.41	cps
Neodymium	150-1	107890	109334	110254	109159	1.09	cps
Neodymium	150-2	63429	63827	63479	63578	0.34	cps
Nickel	60-2	28808	28524	28561	28631	0.54	cps
Phosphorus	31-2	26515	27108	26206	26610	1.72	cps
Potassium	39-2	1351746	1376737	1370929	1366471	0.96	cps
Rhodium	103-1	11501151	12021781	11986218	11836383	2.46	cps
Rhodium	103-2	7441694	7487258	7441185	7456713	0.35	cps
Scandium	45-1	8826984	8947644	8974117	8916248	0.88	cps
Scandium	45-2	771395	772368	769566	771109	0.18	cps
Selenium	82-1	302	30	123	152	90.98	cps
Selenium	77-2	290	293	283	289	1.76	cps
Selenium	78-2	593	554	524	557	6.17	cps
Silicon	28-1	9240356	11911944	12107357	11086552	14.45	cps
Silver	107-1	1967	2317	2300	2195	9.00	cps
Silver	109-1	1783	1934	2250	1989	11.98	cps
Sodium	23-2	231837	232885	234261	232994	0.52	cps
Strontium	86-1	37064	37449	37390	37301	0.56	cps
Strontium	88-1	253600	254018	255685	254434	0.43	cps
Sulfur	34-1	347338	348795	348786	348306	0.24	cps
Terbium	159-1	14752619	14995350	15139050	14962340	1.31	cps
Terbium	159-2	9741902	9712309	9841326	9765179	0.69	cps
Thallium	203-1	2609	2634	2634	2625	0.55	cps
Thallium	205-1	5860	6318	5576	5918	6.33	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-5115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:19:16	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	349919	360042	358766	356242	1.55	cps
Tin	118-1	7927	7719	8052	7900	2.13	cps
Titanium	47-1	451726	438589	452067	447460	1.72	cps
Uranium	238-1	254219	256009	255496	255241	0.36	cps
Vanadium	51-2	377166	381515	379305	379328	0.57	cps
Yttrium	89-1	19491616	19660652	19801387	19651218	0.79	cps
Yttrium	89-2	4953330	5033324	4981369	4989341	0.81	cps
Zinc	66-2	41538	42323	43316	42392	2.10	cps
Zirconium	90-1	118225	129856	130630	126237	5.50	cps
Zirconium	91-1	25957	26400	27677	26678	3.35	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5117906	5026445	5071674	5072008	0.90	cps
Antimony	121-1	333	442	392	389	13.94	cps
Arsenic	75-2	874	965	780	873	10.61	cps
Barium	135-1	682050	688598	688480	686376	0.55	cps
Barium	137-1	1182926	1179784	1186908	1183206	0.30	cps
Beryllium	9-1	3107	2974	2897	2993	3.55	cps
Bismuth	209-1	9580617	9549024	9423819	9517820	0.87	cps
Bismuth	209-2	7517128	7296833	7360164	7391375	1.53	cps
Boron	10-1	2050	1950	1600	1867	12.66	cps
Boron	11-1	8828	8553	9086	8822	3.02	cps
Bromine	81-1	14391	14199	14733	14441	1.87	cps
Bromine	81-2	170	180	200	184	8.33	cps
Cadmium	111-1	5065	4450	4808	4774	6.47	cps
Cadmium	106-1	7110	6335	6760	6735	5.76	cps
Cadmium	108-1	125	163	142	143	13.13	cps
Calcium	43-1	64521	61952	64580	63684	2.36	cps
Calcium	44-1	1085066	1063556	1065796	1071472	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140016	138244	138802	139020	0.65	cps
Cobalt	59-2	76839	77137	76350	76775	0.52	cps
Copper	63-2	4726521	4745705	4817527	4763251	1.01	cps
Dysprosium	156-1	52532	52926	52808	52755	0.38	cps
Dysprosium	156-2	35612	35418	35451	35494	0.29	cps
Erbium	164-1	33583	33875	32672	33377	1.88	cps
Erbium	164-2	22926	22017	22518	22487	2.02	cps
Gadolinium	160-1	45157	44354	45516	45009	1.32	cps
Gadolinium	160-2	32247	32097	32254	32199	0.28	cps
Holmium	165-1	14632854	14461039	14522765	14538886	0.60	cps
Holmium	165-2	9961695	9661700	9753775	9792390	1.57	cps
Indium	115-1	11995947	11889307	12087743	11990999	0.83	cps
Indium	115-2	4250932	4250107	4244254	4248431	0.09	cps
Iron	56-2	59225517	58698987	58348196	58757567	0.75	cps
Iron	57-2	1461350	1419072	1460607	1447009	1.67	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3272318	3257881	3222613	3250937	0.79	cps
Krypton	83-1	5358	5501	5631	5497	2.49	cps
Lead	206-1	159282	155230	155450	156654	1.45	cps
Lead	207-1	124170	124091	124983	124414	0.40	cps
Lead	208-1	606391	597891	598596	600959	0.78	cps
Lithium	6-1	2984074	2973585	2954546	2970735	0.50	cps
Magnesium	24-2	2908392	2901281	2874138	2894604	0.62	cps
Manganese	55-2	940767	926449	929893	932370	0.80	cps
Molybdenum	94-1	31869	39418	34885	35390	10.74	cps
Molybdenum	95-1	5026	4684	5034	4915	4.06	cps
Molybdenum	96-1	10688	10104	13755	11515	17.03	cps
Molybdenum	97-1	2675	3042	3084	2934	7.66	cps
Molybdenum	98-1	7761	7811	7369	7647	3.16	cps
Neodymium	150-1	97918	99738	99422	99026	0.98	cps
Neodymium	150-2	58809	58518	58327	58551	0.41	cps
Nickel	60-2	36732	36324	36244	36433	0.72	cps
Phosphorus	31-2	3559	3042	3259	3287	7.90	cps
Potassium	39-2	1955978	1948933	1951419	1952110	0.18	cps
Rhodium	103-1	11784450	11743482	11825084	11784339	0.35	cps
Rhodium	103-2	7438115	7408762	7422079	7422985	0.20	cps
Scandium	45-1	9160615	8787913	8848538	8932355	2.24	cps
Scandium	45-2	776426	784219	773071	777905	0.74	cps
Selenium	82-1	336	5	-39	101	203.42	cps
Selenium	77-2	250	213	287	250	14.67	cps
Selenium	78-2	433	476	461	457	4.73	cps
Silicon	28-1	12298648	12868556	12204834	12457346	2.88	cps
Silver	107-1	1325	1283	1508	1372	8.72	cps
Silver	109-1	1217	1350	1275	1281	5.22	cps
Sodium	23-2	592478	575592	583881	583984	1.45	cps
Strontium	86-1	43623	42528	43423	43192	1.35	cps
Strontium	88-1	301684	303743	300709	302046	0.51	cps
Sulfur	34-1	334622	327634	327504	329920	1.23	cps
Terbium	159-1	15068880	14782099	15241253	15030744	1.54	cps
Terbium	159-2	9904548	9797407	9795923	9832626	0.63	cps
Thallium	203-1	3217	3250	3092	3187	2.62	cps
Thallium	205-1	7861	8053	7911	7941	1.25	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-4115DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:22:06	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	313561	318832	319156	317183	0.99	cps
Tin	118-1	6068	5418	5985	5824	6.08	cps
Titanium	47-1	629901	693812	615923	646545	6.42	cps
Uranium	238-1	68124	68666	67637	68142	0.75	cps
Vanadium	51-2	114152	112116	114796	113688	1.23	cps
Yttrium	89-1	19397211	19293172	19620581	19436988	0.86	cps
Yttrium	89-2	4940370	4863979	4839787	4881378	1.08	cps
Zinc	66-2	41457	41411	41253	41374	0.26	cps
Zirconium	90-1	85038	83558	86105	84900	1.51	cps
Zirconium	91-1	18387	19155	18462	18668	2.27	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7545088	7734969	7671157	7650405	1.26	cps
Antimony	121-1	342	283	317	314	9.32	cps
Arsenic	75-2	3936	3932	3897	3922	0.55	cps
Barium	135-1	997529	996692	1015610	1003277	1.07	cps
Barium	137-1	1752839	1775291	1771881	1766670	0.68	cps
Beryllium	9-1	11037	10967	10827	10944	0.98	cps
Bismuth	209-1	10219067	9528316	9497868	9748417	4.18	cps
Bismuth	209-2	7335689	7316105	7344784	7332192	0.20	cps
Boron	10-1	1817	2025	2000	1947	5.84	cps
Boron	11-1	10003	9803	10112	9973	1.57	cps
Bromine	81-1	14774	14232	14241	14416	2.16	cps
Bromine	81-2	350	210	350	304	26.65	cps
Cadmium	111-1	6343	6184	5737	6088	5.16	cps
Cadmium	106-1	7986	7719	7227	7644	5.04	cps
Cadmium	108-1	329	283	358	324	11.68	cps
Calcium	43-1	141698	143122	143398	142739	0.64	cps
Calcium	44-1	2229040	2241053	2235293	2235129	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187187	185172	184581	185647	0.74	cps
Cobalt	59-2	230940	229866	226488	229098	1.01	cps
Copper	63-2	2446399	2417963	2405383	2423249	0.87	cps
Dysprosium	156-1	95014	93813	95390	94739	0.87	cps
Dysprosium	156-2	62492	62710	62348	62517	0.29	cps
Erbium	164-1	86359	85780	87122	86420	0.78	cps
Erbium	164-2	56698	55165	55684	55849	1.40	cps
Gadolinium	160-1	83113	84078	86718	84637	2.21	cps
Gadolinium	160-2	60450	59556	59847	59951	0.76	cps
Holmium	165-1	15718034	14651040	14724909	15031328	3.96	cps
Holmium	165-2	9787058	9722416	9802442	9770639	0.43	cps
Indium	115-1	13050824	12009684	11958561	12339690	5.00	cps
Indium	115-2	4209692	4177005	4239712	4208803	0.75	cps
Iron	56-2	277346734	279013973	273730678	276697128	0.98	cps
Iron	57-2	6785574	6761210	6816443	6787742	0.41	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15164041	15182817	15182909	15176589	0.07	cps
Krypton	83-1	5718	5554	5638	5637	1.45	cps
Lead	206-1	480395	481454	487435	483095	0.79	cps
Lead	207-1	387994	387698	388456	388050	0.10	cps
Lead	208-1	1863660	1855074	1868206	1862313	0.36	cps
Lithium	6-1	3204172	2971271	2988317	3054586	4.25	cps
Magnesium	24-2	6948982	7096147	7049944	7031691	1.07	cps
Manganese	55-2	9189484	9257273	9162802	9203186	0.53	cps
Molybdenum	94-1	70538	72663	72086	71763	1.53	cps
Molybdenum	95-1	1592	1408	1500	1500	6.11	cps
Molybdenum	96-1	14825	14708	15016	14850	1.05	cps
Molybdenum	97-1	783	1000	817	867	13.46	cps
Molybdenum	98-1	2125	2259	2167	2184	3.12	cps
Neodymium	150-1	129593	130659	132388	130880	1.08	cps
Neodymium	150-2	76329	76226	76896	76483	0.47	cps
Nickel	60-2	106740	106619	105048	106135	0.89	cps
Phosphorus	31-2	10120	10504	10062	10229	2.35	cps
Potassium	39-2	5724495	5681467	5666021	5690661	0.53	cps
Rhodium	103-1	12602749	11886000	11829541	12106097	3.56	cps
Rhodium	103-2	7355496	7316563	7397726	7356595	0.55	cps
Scandium	45-1	9654314	9086720	8884946	9208660	4.33	cps
Scandium	45-2	784030	785604	782976	784203	0.17	cps
Selenium	82-1	39	178	-59	52	226.39	cps
Selenium	77-2	360	367	307	344	9.55	cps
Selenium	78-2	548	513	572	544	5.47	cps
Silicon	28-1	9072213	9439210	9421012	9310812	2.22	cps
Silver	107-1	1017	942	1133	1031	9.37	cps
Silver	109-1	742	775	908	808	10.91	cps
Sodium	23-2	503728	506510	506495	505578	0.32	cps
Strontium	86-1	79314	80143	80025	79827	0.56	cps
Strontium	88-1	609300	610918	610282	610166	0.13	cps
Sulfur	34-1	337805	337372	332988	336055	0.79	cps
Terbium	159-1	16109821	15254454	15152156	15505477	3.39	cps
Terbium	159-2	9900830	9891028	9887855	9893238	0.07	cps
Thallium	203-1	7160	7352	7352	7288	1.52	cps
Thallium	205-1	16861	16544	16969	16791	1.32	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-2105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:24:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	529963	532620	530653	531079	0.26	cps
Tin	118-1	8645	8286	8261	8397	2.56	cps
Titanium	47-1	950295	955428	950876	952199	0.30	cps
Uranium	238-1	58058	59423	59062	58848	1.20	cps
Vanadium	51-2	217543	217690	214185	216473	0.92	cps
Yttrium	89-1	21494822	20570499	20267592	20777638	3.08	cps
Yttrium	89-2	5096967	5134934	5107172	5113024	0.38	cps
Zinc	66-2	93560	91887	92588	92679	0.91	cps
Zirconium	90-1	198903	200608	198440	199317	0.57	cps
Zirconium	91-1	44836	44652	44777	44755	0.21	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8418524	8475128	8427685	8440446	0.36	cps
Antimony	121-1	342	375	383	367	6.01	cps
Arsenic	75-2	3278	3378	3302	3320	1.57	cps
Barium	135-1	557554	547117	552604	552425	0.95	cps
Barium	137-1	961147	947181	961510	956613	0.85	cps
Beryllium	9-1	4387	4184	4374	4315	2.64	cps
Bismuth	209-1	9581199	9428023	9436077	9481767	0.91	cps
Bismuth	209-2	7234646	7283388	7275584	7264539	0.36	cps
Boron	10-1	1708	1800	1667	1725	3.95	cps
Boron	11-1	7660	8653	8636	8316	6.83	cps
Bromine	81-1	14099	13740	13006	13615	4.09	cps
Bromine	81-2	220	160	250	210	21.82	cps
Cadmium	111-1	4928	4970	5011	4969	0.84	cps
Cadmium	106-1	6918	6918	6960	6932	0.35	cps
Cadmium	108-1	213	188	213	204	7.07	cps
Calcium	43-1	84485	83991	84493	84323	0.34	cps
Calcium	44-1	1384605	1340365	1387296	1370755	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180200	179248	177771	179073	0.68	cps
Cobalt	59-2	142987	144087	143707	143594	0.39	cps
Copper	63-2	4478613	4419842	4440036	4446163	0.67	cps
Dysprosium	156-1	78537	78168	79635	78780	0.97	cps
Dysprosium	156-2	51739	52478	52558	52258	0.86	cps
Erbium	164-1	53621	52265	53069	52985	1.29	cps
Erbium	164-2	35151	35251	35037	35146	0.30	cps
Gadolinium	160-1	62682	64390	65127	64067	1.96	cps
Gadolinium	160-2	45581	45765	45714	45687	0.21	cps
Holmium	165-1	14628431	14447237	14616898	14564189	0.70	cps
Holmium	165-2	9717936	9607409	9784904	9703416	0.92	cps
Indium	115-1	12037294	11637026	11951286	11875202	1.77	cps
Indium	115-2	4218393	4243955	4187689	4216679	0.67	cps
Iron	56-2	178736232	177409843	178156432	178100835	0.37	cps
Iron	57-2	4385989	4387491	4345299	4372926	0.55	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9920673	9842491	9856501	9873222	0.42	cps
Krypton	83-1	5468	5668	5464	5533	2.11	cps
Lead	206-1	101011	100765	101783	101187	0.52	cps
Lead	207-1	77180	77750	79533	78154	1.57	cps
Lead	208-1	379641	381119	385648	382136	0.82	cps
Lithium	6-1	3014555	3003145	3025634	3014445	0.37	cps
Magnesium	24-2	5617725	5709658	5643620	5657001	0.84	cps
Manganese	55-2	3834659	3800764	3794047	3809823	0.57	cps
Molybdenum	94-1	53866	56225	54544	54879	2.21	cps
Molybdenum	95-1	2509	2259	2284	2350	5.86	cps
Molybdenum	96-1	11897	11822	12431	12050	2.75	cps
Molybdenum	97-1	1300	1100	1267	1222	8.77	cps
Molybdenum	98-1	3425	3567	3626	3539	2.91	cps
Neodymium	150-1	144856	142292	145585	144244	1.20	cps
Neodymium	150-2	83453	84250	84235	83979	0.54	cps
Nickel	60-2	60297	60394	60501	60398	0.17	cps
Phosphorus	31-2	13331	12464	12580	12792	3.68	cps
Potassium	39-2	2049039	2033566	2027598	2036734	0.54	cps
Rhodium	103-1	11756308	11631896	11729586	11705930	0.56	cps
Rhodium	103-2	7278420	7479433	7328494	7362116	1.42	cps
Scandium	45-1	9028828	8932790	9030902	8997506	0.62	cps
Scandium	45-2	774509	768609	782359	775159	0.89	cps
Selenium	82-1	101	72	143	105	34.02	cps
Selenium	77-2	357	317	340	338	5.95	cps
Selenium	78-2	563	528	539	543	3.31	cps
Silicon	28-1	9215881	9295410	10092952	9534748	5.09	cps
Silver	107-1	1808	2009	2300	2039	12.13	cps
Silver	109-1	1700	1675	2067	1814	12.09	cps
Sodium	23-2	186954	186122	186900	186659	0.25	cps
Strontium	86-1	52879	53690	54384	53651	1.40	cps
Strontium	88-1	396526	397490	395467	396494	0.26	cps
Sulfur	34-1	326339	323377	325379	325031	0.46	cps
Terbium	159-1	15058741	14954585	15105608	15039645	0.51	cps
Terbium	159-2	9774123	9949632	9950383	9891379	1.03	cps
Thallium	203-1	3309	2742	3175	3075	9.64	cps
Thallium	205-1	7494	7502	7411	7469	0.68	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP220414DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:27:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	449295	445732	448183	447737	0.41	cps
Tin	118-1	7586	7094	7052	7244	4.10	cps
Titanium	47-1	674783	669836	663680	669433	0.83	cps
Uranium	238-1	145001	141442	143969	143471	1.28	cps
Vanadium	51-2	209822	207915	207882	208540	0.53	cps
Yttrium	89-1	19851027	19524269	19660456	19678584	0.83	cps
Yttrium	89-2	4933327	4955237	4955400	4947988	0.26	cps
Zinc	66-2	91082	90143	90928	90718	0.56	cps
Zirconium	90-1	150898	151664	148472	150345	1.11	cps
Zirconium	91-1	33748	34377	33898	34008	0.97	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19397755	19267146	19340780	19335227	0.34	cps
Antimony	121-1	6194933	6225629	6242205	6220922	0.39	cps
Arsenic	75-2	381183	380142	382125	381150	0.26	cps
Barium	135-1	7419523	7383322	7468698	7423848	0.58	cps
Barium	137-1	12896661	12797876	12929778	12874772	0.53	cps
Beryllium	9-1	1286561	1301709	1307561	1298610	0.83	cps
Bismuth	209-1	8607531	8753985	8660955	8674157	0.85	cps
Bismuth	209-2	6585167	6477235	6529411	6530604	0.83	cps
Boron	10-1	240191	250487	259158	249945	3.80	cps
Boron	11-1	1212102	1238241	1290403	1246915	3.20	cps
Bromine	81-1	11647	12622	12381	12217	4.16	cps
Bromine	81-2	50	140	80	90	50.92	cps
Cadmium	111-1	1693142	1686019	1681915	1687025	0.34	cps
Cadmium	106-1	184920	184059	185332	184770	0.35	cps
Cadmium	108-1	131406	130355	130792	130851	0.40	cps
Calcium	43-1	10727861	10673025	10753311	10718066	0.38	cps
Calcium	44-1	168086033	169366195	170107266	169186498	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3600279	3623180	3561198	3594886	0.87	cps
Cobalt	59-2	5419158	5294076	5445438	5386224	1.50	cps
Copper	63-2	38151729	37785772	37896082	37944528	0.49	cps
Dysprosium	156-1	933	950	967	950	1.76	cps
Dysprosium	156-2	723	653	703	693	5.20	cps
Erbium	164-1	208	208	158	192	15.06	cps
Erbium	164-2	133	123	197	151	26.31	cps
Gadolinium	160-1	783	792	708	761	6.03	cps
Gadolinium	160-2	800	793	710	768	6.53	cps
Holmium	165-1	13975428	13946510	13956289	13959409	0.11	cps
Holmium	165-2	9507061	9463350	9401414	9457275	0.56	cps
Indium	115-1	11075489	10976734	10992426	11014883	0.48	cps
Indium	115-2	3824645	3842094	3855917	3840885	0.41	cps
Iron	56-2	793292884	782752195	778424373	784823151	0.97	cps
Iron	57-2	19501766	19334765	19737228	19524587	1.04	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	44364380	43243049	43146457	43584629	1.55	cps
Krypton	83-1	5061	4948	4884	4964	1.80	cps
Lead	206-1	25449449	25814226	25602571	25622082	0.71	cps
Lead	207-1	22015925	22137274	21970939	22041379	0.39	cps
Lead	208-1	101753649	102510255	102374853	102212919	0.39	cps
Lithium	6-1	2831142	2907190	2857917	2865416	1.35	cps
Magnesium	24-2	180906810	180756532	181331560	180998300	0.16	cps
Manganese	55-2	25683135	25354390	25370842	25469456	0.73	cps
Molybdenum	94-1	24060453	24225784	24057077	24114438	0.40	cps
Molybdenum	95-1	33775002	34439151	34031832	34081995	0.98	cps
Molybdenum	96-1	37733738	38071972	37634755	37813488	0.61	cps
Molybdenum	97-1	21180513	21323494	21532793	21345600	0.83	cps
Molybdenum	98-1	54543193	54815359	55170184	54842912	0.57	cps
Neodymium	150-1	427	540	427	464	14.09	cps
Neodymium	150-2	97	143	113	118	20.08	cps
Nickel	60-2	1337015	1343078	1339225	1339773	0.23	cps
Phosphorus	31-2	201795	199479	202391	201222	0.76	cps
Potassium	39-2	92403906	92172217	93505704	92693942	0.77	cps
Rhodium	103-1	10612479	10566932	10619322	10599578	0.27	cps
Rhodium	103-2	6471122	6557707	6550092	6526307	0.73	cps
Scandium	45-1	8404112	8366554	8271203	8347290	0.82	cps
Scandium	45-2	727071	726159	732541	728590	0.47	cps
Selenium	82-1	120129	119834	120133	120032	0.14	cps
Selenium	77-2	12259	11925	11902	12028	1.66	cps
Selenium	78-2	39495	39499	39558	39517	0.09	cps
Silicon	28-1	29640425	29703803	30496080	29946769	1.59	cps
Silver	107-1	8151109	8309685	8128426	8196407	1.20	cps
Silver	109-1	7785869	7726646	7766141	7759552	0.39	cps
Sodium	23-2	303076307	298197529	300995707	300756514	0.81	cps
Strontium	86-1	2269153	2276207	2232972	2259444	1.03	cps
Strontium	88-1	19437471	19524850	19585003	19515775	0.38	cps
Sulfur	34-1	1310096	1276541	1303821	1296820	1.38	cps
Terbium	159-1	14508406	14445615	14498548	14484190	0.23	cps
Terbium	159-2	9489238	9468565	9507922	9488575	0.21	cps
Thallium	203-1	6150220	6153645	6231430	6178431	0.74	cps
Thallium	205-1	14661541	14741614	14748982	14717379	0.33	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:39:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22138462	22256814	22127881	22174386	0.32	cps
Tin	118-1	5221515	5233636	5259388	5238179	0.37	cps
Titanium	47-1	10290695	10310886	10294114	10298565	0.10	cps
Uranium	238-1	20056485	20368945	20172888	20199440	0.78	cps
Vanadium	51-2	3104671	3092656	3143103	3113477	0.85	cps
Yttrium	89-1	17783053	18031071	17728572	17847565	0.90	cps
Yttrium	89-2	4493092	4483621	4541705	4506139	0.69	cps
Zinc	66-2	6024170	6077932	5997727	6033276	0.68	cps
Zirconium	90-1	12239327	12349929	12199283	12262847	0.64	cps
Zirconium	91-1	2719576	2761060	2742162	2740933	0.76	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P7
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 17:41:38 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	622	683	663	5.32	cps
Antimony	121-1	2534	2500	2609	2548	2.18	cps
Arsenic	75-2	37	33	28	33	14.24	cps
Barium	135-1	558	533	592	561	5.22	cps
Barium	137-1	1058	1017	783	953	15.56	cps
Beryllium	9-1	97	97	103	99	3.89	cps
Bismuth	209-1	9325233	9403923	9381550	9370235	0.43	cps
Bismuth	209-2	7221348	7246988	7266239	7244858	0.31	cps
Boron	10-1	6610	5835	5476	5973	9.70	cps
Boron	11-1	32142	29879	26841	29621	8.98	cps
Bromine	81-1	12747	13014	12681	12814	1.38	cps
Bromine	81-2	50	150	60	87	63.55	cps
Cadmium	111-1	4672	4734	4722	4709	0.70	cps
Cadmium	106-1	6443	6602	6627	6557	1.52	cps
Cadmium	108-1	121	125	125	124	1.94	cps
Calcium	43-1	858	592	658	703	19.75	cps
Calcium	44-1	83230	84452	84838	84173	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3134	3110	3174	3139	1.02	cps
Cobalt	59-2	203	280	320	268	22.14	cps
Copper	63-2	2380	2274	2214	2289	3.69	cps
Dysprosium	156-1	33	67	8	36	81.06	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	108	100	133	114	15.23	cps
Erbium	164-2	60	83	40	61	35.49	cps
Gadolinium	160-1	75	67	100	81	21.53	cps
Gadolinium	160-2	327	247	237	270	18.27	cps
Holmium	165-1	14002421	14141448	13994854	14046241	0.59	cps
Holmium	165-2	9494956	9510988	9524332	9510092	0.15	cps
Indium	115-1	11503887	11657871	11589404	11583721	0.67	cps
Indium	115-2	4093933	4134548	4170293	4132925	0.92	cps
Iron	56-2	40611	39664	39107	39794	1.91	cps
Iron	57-2	1056	1056	1156	1089	5.30	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:41:38	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3424	3254	3354	3344	2.56	cps
Krypton	83-1	5224	5158	5414	5265	2.53	cps
Lead	206-1	2300	2072	2178	2184	5.22	cps
Lead	207-1	2050	1745	1572	1789	13.53	cps
Lead	208-1	9035	8385	8034	8485	5.98	cps
Lithium	6-1	3012145	3048551	2977710	3012802	1.18	cps
Magnesium	24-2	4251	3650	3939	3947	7.60	cps
Manganese	55-2	1103	950	907	987	10.47	cps
Molybdenum	94-1	1900	1575	1575	1683	11.15	cps
Molybdenum	95-1	1900	1859	1367	1708	17.36	cps
Molybdenum	96-1	2550	2275	1834	2220	16.29	cps
Molybdenum	97-1	1275	1158	983	1139	12.89	cps
Molybdenum	98-1	3059	3075	2734	2956	6.52	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	327	343	303	324	6.19	cps
Phosphorus	31-2	725	542	758	675	17.28	cps
Potassium	39-2	96891	93587	91157	93878	3.07	cps
Rhodium	103-1	11415707	11471132	11524696	11470511	0.48	cps
Rhodium	103-2	7312703	7420079	7348671	7360484	0.74	cps
Scandium	45-1	8451801	8553333	8336831	8447322	1.28	cps
Scandium	45-2	730828	733671	737780	734093	0.48	cps
Selenium	82-1	0	26	-269	-81	-201.76	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	422	367	356	381	9.36	cps
Silicon	28-1	633342	634530	629267	632380	0.44	cps
Silver	107-1	1650	1525	1317	1497	11.25	cps
Silver	109-1	1467	1492	1317	1425	6.64	cps
Sodium	23-2	87586	84889	83397	85290	2.49	cps
Strontium	86-1	8711	8636	8694	8681	0.45	cps
Strontium	88-1	1283	1308	1192	1261	4.87	cps
Sulfur	34-1	399827	404036	412252	405372	1.56	cps
Terbium	159-1	14503092	14191938	14453088	14382706	1.16	cps
Terbium	159-2	9609224	9623550	9592305	9608360	0.16	cps
Thallium	203-1	1967	1800	1475	1747	14.31	cps
Thallium	205-1	4084	3909	3876	3956	2.83	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 17:41:38	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	928	811	756	832	10.57	cps
Tin	118-1	2342	2559	2309	2403	5.65	cps
Titanium	47-1	542	492	442	492	10.17	cps
Uranium	238-1	708	400	525	544	28.49	cps
Vanadium	51-2	163	77	117	119	36.48	cps
Yttrium	89-1	18179533	18371734	18058540	18203269	0.87	cps
Yttrium	89-2	4647358	4670458	4669691	4662502	0.28	cps
Zinc	66-2	803	740	787	777	4.23	cps
Zirconium	90-1	1834	1792	1900	1842	2.97	cps
Zirconium	91-1	333	433	275	347	23.06	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6568360	6465799	6494397	6509519	0.81	cps
Antimony	121-1	475	533	542	517	7.03	cps
Arsenic	75-2	809	807	915	844	7.29	cps
Barium	135-1	759579	755043	755342	756655	0.34	cps
Barium	137-1	1321049	1303235	1305164	1309816	0.75	cps
Beryllium	9-1	3931	4104	3787	3941	4.03	cps
Bismuth	209-1	9716248	9430292	9592792	9579777	1.50	cps
Bismuth	209-2	7333087	7387760	7354482	7358443	0.37	cps
Boron	10-1	1883	1742	1758	1795	4.32	cps
Boron	11-1	8503	7986	8644	8378	4.14	cps
Bromine	81-1	13181	12948	13090	13073	0.90	cps
Bromine	81-2	180	280	250	237	21.68	cps
Cadmium	111-1	4771	4545	4286	4534	5.35	cps
Cadmium	106-1	6643	6410	5943	6332	5.63	cps
Cadmium	108-1	167	179	171	172	3.70	cps
Calcium	43-1	55945	55728	55268	55647	0.62	cps
Calcium	44-1	940080	944066	940613	941586	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122697	124123	124311	123710	0.71	cps
Cobalt	59-2	116596	119213	117207	117672	1.16	cps
Copper	63-2	5014122	4951901	4957895	4974639	0.69	cps
Dysprosium	156-1	50283	49931	52708	50974	2.97	cps
Dysprosium	156-2	33894	34389	34452	34245	0.89	cps
Erbium	164-1	34468	34025	35320	34605	1.90	cps
Erbium	164-2	23614	23253	23019	23295	1.29	cps
Gadolinium	160-1	41379	41963	41554	41632	0.72	cps
Gadolinium	160-2	30417	31034	30330	30593	1.26	cps
Holmium	165-1	14688232	14433951	14287204	14469795	1.40	cps
Holmium	165-2	9744910	9815100	9783627	9781212	0.36	cps
Indium	115-1	11990838	11910166	11861375	11920793	0.55	cps
Indium	115-2	4225703	4242047	4259861	4242537	0.40	cps
Iron	56-2	126951475	128309586	126863095	127374719	0.64	cps
Iron	57-2	3128028	3181340	3148117	3152495	0.85	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7051827	7007132	7076908	7045289	0.50	cps
Krypton	83-1	5468	5191	5434	5364	2.82	cps
Lead	206-1	38649	37653	37808	38037	1.41	cps
Lead	207-1	28731	27968	27862	28187	1.68	cps
Lead	208-1	142638	140868	141006	141504	0.70	cps
Lithium	6-1	3111699	2981417	3056083	3049733	2.14	cps
Magnesium	24-2	6395771	6265181	6399412	6353455	1.20	cps
Manganese	55-2	3663189	3657741	3640840	3653924	0.32	cps
Molybdenum	94-1	35594	36137	35176	35636	1.35	cps
Molybdenum	95-1	1975	2200	1917	2031	7.37	cps
Molybdenum	96-1	9028	8411	9086	8842	4.23	cps
Molybdenum	97-1	1242	1308	1325	1292	3.41	cps
Molybdenum	98-1	3192	3467	3484	3381	4.85	cps
Neodymium	150-1	96187	95911	94757	95618	0.79	cps
Neodymium	150-2	56520	56623	55218	56120	1.40	cps
Nickel	60-2	48458	48913	49244	48872	0.81	cps
Phosphorus	31-2	8311	8111	7877	8100	2.68	cps
Potassium	39-2	1156925	1177796	1172486	1169069	0.93	cps
Rhodium	103-1	11965900	11778081	11674706	11806229	1.25	cps
Rhodium	103-2	7515032	7454537	7491820	7487130	0.41	cps
Scandium	45-1	8896675	8789553	8814498	8833575	0.63	cps
Scandium	45-2	784853	786567	783540	784986	0.19	cps
Selenium	82-1	207	201	-4	135	89.02	cps
Selenium	77-2	190	250	217	219	13.73	cps
Selenium	78-2	452	502	485	480	5.31	cps
Silicon	28-1	8048808	8481048	6778822	7769559	11.39	cps
Silver	107-1	875	933	1092	967	11.60	cps
Silver	109-1	725	858	892	825	10.69	cps
Sodium	23-2	149417	120931	118712	129687	13.20	cps
Strontium	86-1	61546	61998	60960	61501	0.85	cps
Strontium	88-1	467111	468840	466392	467448	0.27	cps
Sulfur	34-1	397511	380666	383347	387175	2.34	cps
Terbium	159-1	14966508	14951674	14999781	14972654	0.16	cps
Terbium	159-2	9844969	9839317	10084319	9922868	1.41	cps
Thallium	203-1	1825	1742	1909	1825	4.57	cps
Thallium	205-1	4276	4134	4593	4334	5.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-8085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:50:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	534815	531865	534696	533792	0.31	cps
Tin	118-1	9837	9045	9670	9517	4.39	cps
Titanium	47-1	156422	148322	145727	150157	3.71	cps
Uranium	238-1	73930	71806	73101	72945	1.47	cps
Vanadium	51-2	143616	144454	145383	144484	0.61	cps
Yttrium	89-1	19567160	19413236	19289292	19423230	0.72	cps
Yttrium	89-2	4965394	5031139	4979087	4991873	0.69	cps
Zinc	66-2	68992	67559	68493	68348	1.06	cps
Zirconium	90-1	97222	97179	97155	97185	0.04	cps
Zirconium	91-1	22451	22025	22017	22164	1.12	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4293123	4304884	4211814	4269940	1.19	cps
Antimony	121-1	450	283	367	367	22.73	cps
Arsenic	75-2	1302	1280	1296	1293	0.89	cps
Barium	135-1	699388	708905	697994	702096	0.85	cps
Barium	137-1	1213161	1236194	1222159	1223838	0.95	cps
Beryllium	9-1	4027	3971	3864	3954	2.10	cps
Bismuth	209-1	9713793	9650649	9613146	9659196	0.53	cps
Bismuth	209-2	7392214	7449197	7237248	7359553	1.49	cps
Boron	10-1	1400	1408	1558	1456	6.12	cps
Boron	11-1	6885	7394	6910	7063	4.06	cps
Bromine	81-1	13073	14299	14065	13812	4.71	cps
Bromine	81-2	220	190	260	224	15.72	cps
Cadmium	111-1	5035	4963	4883	4960	1.54	cps
Cadmium	106-1	7135	7044	6860	7013	2.00	cps
Cadmium	108-1	175	179	129	161	17.22	cps
Calcium	43-1	76342	76769	76594	76568	0.28	cps
Calcium	44-1	1233270	1249265	1234547	1239027	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155910	157011	156425	156449	0.35	cps
Cobalt	59-2	82227	81423	82126	81925	0.53	cps
Copper	63-2	3538745	3485915	3505343	3510001	0.76	cps
Dysprosium	156-1	61234	62407	62725	62122	1.26	cps
Dysprosium	156-2	41134	41766	42699	41866	1.88	cps
Erbium	164-1	40317	39824	41087	40409	1.57	cps
Erbium	164-2	27474	27400	26873	27249	1.20	cps
Gadolinium	160-1	50475	51228	49280	50327	1.95	cps
Gadolinium	160-2	35214	35689	35739	35547	0.81	cps
Holmium	165-1	14768125	14747194	14496039	14670452	1.03	cps
Holmium	165-2	9919108	9777642	9721672	9806140	1.04	cps
Indium	115-1	12141338	12020290	12064755	12075461	0.51	cps
Indium	115-2	4284618	4233255	4311056	4276310	0.93	cps
Iron	56-2	83940363	82214838	83490335	83215179	1.08	cps
Iron	57-2	2039902	2043898	2092301	2058701	1.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4566214	4575961	4555920	4566032	0.22	cps
Krypton	83-1	5828	5641	5561	5677	2.41	cps
Lead	206-1	37123	38449	37335	37635	1.89	cps
Lead	207-1	29237	28319	28836	28798	1.60	cps
Lead	208-1	141585	143719	142368	142557	0.76	cps
Lithium	6-1	3026973	3062093	2972953	3020673	1.49	cps
Magnesium	24-2	3734534	3740344	3682416	3719098	0.86	cps
Manganese	55-2	2231443	2157571	2204281	2197765	1.70	cps
Molybdenum	94-1	34775	34708	34725	34736	0.10	cps
Molybdenum	95-1	5618	5910	5693	5740	2.64	cps
Molybdenum	96-1	11913	11680	12172	11922	2.06	cps
Molybdenum	97-1	3592	3050	3601	3414	9.23	cps
Molybdenum	98-1	9428	8694	9003	9042	4.07	cps
Neodymium	150-1	114662	116450	116571	115894	0.92	cps
Neodymium	150-2	67414	67746	67308	67489	0.34	cps
Nickel	60-2	31283	30822	30471	30858	1.32	cps
Phosphorus	31-2	12664	12455	11830	12316	3.52	cps
Potassium	39-2	850625	837192	845741	844519	0.81	cps
Rhodium	103-1	12025220	11843226	12014518	11960988	0.85	cps
Rhodium	103-2	7483013	7527349	7505646	7505336	0.30	cps
Scandium	45-1	9009797	9124263	9084715	9072925	0.64	cps
Scandium	45-2	788756	788747	784743	787415	0.29	cps
Selenium	82-1	-258	92	205	13	1815.21	cps
Selenium	77-2	230	197	253	227	12.57	cps
Selenium	78-2	606	491	559	552	10.47	cps
Silicon	28-1	19637439	5365522	6915729	10639563	73.60	cps
Silver	107-1	983	1267	1517	1256	21.25	cps
Silver	109-1	1267	908	1042	1072	16.89	cps
Sodium	23-2	206147	202025	199036	202403	1.76	cps
Strontium	86-1	46984	47996	47494	47491	1.07	cps
Strontium	88-1	335380	334085	328579	332682	1.09	cps
Sulfur	34-1	363730	363678	361352	362920	0.37	cps
Terbium	159-1	15179233	15258284	15286619	15241378	0.37	cps
Terbium	159-2	9930968	10064265	10039818	10011684	0.71	cps
Thallium	203-1	1517	1458	1800	1592	11.48	cps
Thallium	205-1	3934	3959	4084	3992	2.01	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-7085DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:53:26	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	555378	558646	551417	555147	0.65	cps
Tin	118-1	8403	8661	8603	8556	1.58	cps
Titanium	47-1	298060	302605	300858	300508	0.76	cps
Uranium	238-1	145200	146756	146310	146089	0.55	cps
Vanadium	51-2	110262	109943	109705	109970	0.25	cps
Yttrium	89-1	19934656	19709313	19719274	19787748	0.64	cps
Yttrium	89-2	4976088	5008480	4977490	4987352	0.37	cps
Zinc	66-2	45773	46776	46666	46405	1.19	cps
Zirconium	90-1	96853	87974	87184	90670	5.92	cps
Zirconium	91-1	19847	19797	19956	19867	0.41	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9457756	9515695	9460521	9477991	0.34	cps
Antimony	121-1	317	258	350	308	15.05	cps
Arsenic	75-2	1720	1687	1632	1680	2.67	cps
Barium	135-1	777648	780538	776183	778123	0.28	cps
Barium	137-1	1336783	1332469	1350633	1339962	0.71	cps
Beryllium	9-1	11451	11331	11618	11467	1.26	cps
Bismuth	209-1	9626861	9523550	9471229	9540547	0.83	cps
Bismuth	209-2	7324138	7469801	7221556	7338498	1.70	cps
Boron	10-1	2042	1742	1917	1900	7.93	cps
Boron	11-1	9095	10162	9903	9720	5.73	cps
Bromine	81-1	13498	14299	14366	14054	3.44	cps
Bromine	81-2	230	400	430	354	30.53	cps
Cadmium	111-1	5532	5383	5536	5483	1.58	cps
Cadmium	106-1	7452	7294	7410	7385	1.11	cps
Cadmium	108-1	342	258	300	300	13.89	cps
Calcium	43-1	160551	160526	161022	160700	0.17	cps
Calcium	44-1	2506122	2541642	2533048	2526937	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	240434	237923	237892	238750	0.61	cps
Cobalt	59-2	209284	212004	212924	211404	0.90	cps
Copper	63-2	1669675	1656504	1653042	1659740	0.53	cps
Dysprosium	156-1	106293	107158	108812	107421	1.19	cps
Dysprosium	156-2	71197	72718	72373	72096	1.11	cps
Erbium	164-1	90409	92967	92230	91869	1.43	cps
Erbium	164-2	60701	62047	61535	61428	1.11	cps
Gadolinium	160-1	95944	97221	95634	96266	0.87	cps
Gadolinium	160-2	69743	69431	69518	69564	0.23	cps
Holmium	165-1	14843862	14843195	15252001	14979686	1.57	cps
Holmium	165-2	9847278	9949303	9918155	9904912	0.53	cps
Indium	115-1	12207187	12195248	12179787	12194074	0.11	cps
Indium	115-2	4252968	4251449	4246629	4250348	0.08	cps
Iron	56-2	235088994	238204222	234750927	236014715	0.81	cps
Iron	57-2	5795973	5886769	5864837	5849193	0.81	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13258776	13139600	12840838	13079738	1.65	cps
Krypton	83-1	5508	5524	5518	5517	0.15	cps
Lead	206-1	547500	548176	545564	547080	0.25	cps
Lead	207-1	441640	434400	434297	436779	0.96	cps
Lead	208-1	2094954	2094456	2087687	2092366	0.19	cps
Lithium	6-1	2940822	3006209	3068125	3005052	2.12	cps
Magnesium	24-2	7659031	7872997	7706404	7746144	1.45	cps
Manganese	55-2	2768928	2787176	2720191	2758765	1.26	cps
Molybdenum	94-1	81627	81015	81109	81250	0.41	cps
Molybdenum	95-1	2067	1875	1733	1892	8.85	cps
Molybdenum	96-1	17027	16451	17060	16846	2.03	cps
Molybdenum	97-1	1275	1317	1150	1247	6.96	cps
Molybdenum	98-1	2925	3042	2992	2987	1.96	cps
Neodymium	150-1	170796	171727	172929	171817	0.62	cps
Neodymium	150-2	101141	101023	100080	100748	0.58	cps
Nickel	60-2	121860	122871	121403	122045	0.62	cps
Phosphorus	31-2	3751	3876	3909	3845	2.17	cps
Potassium	39-2	7034683	7072528	7092081	7066431	0.41	cps
Rhodium	103-1	11948268	11940390	12020939	11969866	0.37	cps
Rhodium	103-2	7409587	7508558	7518874	7479006	0.81	cps
Scandium	45-1	9190269	9347464	9246003	9261245	0.86	cps
Scandium	45-2	798986	808023	797550	801520	0.71	cps
Selenium	82-1	222	327	418	322	30.47	cps
Selenium	77-2	443	387	397	409	7.40	cps
Selenium	78-2	582	628	594	601	3.97	cps
Silicon	28-1	5458312	4717452	4801720	4992494	8.12	cps
Silver	107-1	1033	1217	1075	1108	8.67	cps
Silver	109-1	1033	733	983	917	17.53	cps
Sodium	23-2	500680	512288	501056	504675	1.31	cps
Strontium	86-1	102255	104882	105309	104149	1.59	cps
Strontium	88-1	822279	832927	837216	830807	0.93	cps
Sulfur	34-1	353369	351843	352475	352563	0.22	cps
Terbium	159-1	15181767	15243657	15279520	15234981	0.32	cps
Terbium	159-2	9973441	10008535	10018919	10000298	0.24	cps
Thallium	203-1	7819	7611	8478	7969	5.68	cps
Thallium	205-1	18955	19389	19231	19192	1.14	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-9145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:56:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	628142	641634	626747	632174	1.30	cps
Tin	118-1	6736	6402	6610	6583	2.57	cps
Titanium	47-1	955338	970869	981654	969287	1.36	cps
Uranium	238-1	90467	91197	90091	90585	0.62	cps
Vanadium	51-2	243630	242479	244526	243545	0.42	cps
Yttrium	89-1	20499715	20617906	20937049	20684890	1.09	cps
Yttrium	89-2	5261307	5254607	5204120	5240012	0.60	cps
Zinc	66-2	95764	96610	95412	95929	0.64	cps
Zirconium	90-1	222021	226649	226242	224971	1.14	cps
Zirconium	91-1	49869	50463	50270	50201	0.60	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7176177	7081443	6963296	7073639	1.51	cps
Antimony	121-1	267	217	175	219	20.91	cps
Arsenic	75-2	3363	3410	3306	3360	1.55	cps
Barium	135-1	1181710	1170491	1179918	1177373	0.51	cps
Barium	137-1	2117257	2072041	2102013	2097104	1.10	cps
Beryllium	9-1	11308	11364	11177	11283	0.85	cps
Bismuth	209-1	9610191	9587568	9667715	9621825	0.43	cps
Bismuth	209-2	7423703	7424785	7239183	7362557	1.45	cps
Boron	10-1	1267	1217	1492	1325	11.06	cps
Boron	11-1	6593	6593	6435	6540	1.40	cps
Bromine	81-1	13865	14374	14099	14113	1.80	cps
Bromine	81-2	240	240	300	260	13.32	cps
Cadmium	111-1	5371	5180	5715	5422	5.01	cps
Cadmium	106-1	7269	7135	7811	7405	4.83	cps
Cadmium	108-1	263	283	313	286	8.78	cps
Calcium	43-1	132374	134871	136418	134554	1.52	cps
Calcium	44-1	2127642	2120698	2132564	2126968	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170751	169767	167738	169419	0.91	cps
Cobalt	59-2	174735	176526	175571	175611	0.51	cps
Copper	63-2	100209	100189	100501	100300	0.17	cps
Dysprosium	156-1	95240	96599	95139	95659	0.85	cps
Dysprosium	156-2	62549	62844	63373	62922	0.66	cps
Erbium	164-1	85873	88212	89101	87729	1.90	cps
Erbium	164-2	57297	59011	58546	58284	1.52	cps
Gadolinium	160-1	88472	88286	90945	89234	1.66	cps
Gadolinium	160-2	62338	61387	61689	61805	0.79	cps
Holmium	165-1	14932715	14946726	14858502	14912648	0.32	cps
Holmium	165-2	9928277	9993530	9751792	9891200	1.26	cps
Indium	115-1	12238152	12111656	12350745	12233518	0.98	cps
Indium	115-2	4276688	4205833	4222551	4235024	0.87	cps
Iron	56-2	267395984	267667773	265705128	266922962	0.40	cps
Iron	57-2	6570449	6579479	6567661	6572529	0.09	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14956602	14772310	14530166	14753026	1.45	cps
Krypton	83-1	5604	5644	5644	5631	0.41	cps
Lead	206-1	629682	630017	644851	634850	1.36	cps
Lead	207-1	506167	509240	509144	508183	0.34	cps
Lead	208-1	2417317	2430082	2451320	2432906	0.71	cps
Lithium	6-1	3042015	2953239	2987835	2994363	1.49	cps
Magnesium	24-2	5782780	5853287	5756018	5797362	0.87	cps
Manganese	55-2	3111248	3135392	3075063	3107235	0.98	cps
Molybdenum	94-1	70428	68729	70613	69923	1.49	cps
Molybdenum	95-1	833	875	783	831	5.53	cps
Molybdenum	96-1	14207	13782	14024	14004	1.52	cps
Molybdenum	97-1	450	600	567	539	14.62	cps
Molybdenum	98-1	1450	1400	1417	1422	1.79	cps
Neodymium	150-1	150563	147410	151134	149703	1.34	cps
Neodymium	150-2	86883	85072	85823	85926	1.06	cps
Nickel	60-2	91182	90852	91152	91062	0.20	cps
Phosphorus	31-2	19329	18236	19062	18876	3.02	cps
Potassium	39-2	4996531	5039918	4953118	4996522	0.87	cps
Rhodium	103-1	11871859	11936196	12141824	11983293	1.18	cps
Rhodium	103-2	7603389	7379041	7460327	7480919	1.52	cps
Scandium	45-1	9262974	9229844	9171322	9221380	0.50	cps
Scandium	45-2	798988	793329	793676	795331	0.40	cps
Selenium	82-1	89	41	143	91	56.35	cps
Selenium	77-2	280	330	403	338	18.36	cps
Selenium	78-2	594	613	576	594	3.12	cps
Silicon	28-1	7036748	8420808	6844499	7434018	11.57	cps
Silver	107-1	475	358	417	417	14.00	cps
Silver	109-1	183	200	300	228	27.70	cps
Sodium	23-2	523715	519851	513123	518896	1.03	cps
Strontium	86-1	90780	91820	92901	91834	1.16	cps
Strontium	88-1	727376	732755	728276	729469	0.39	cps
Sulfur	34-1	348621	350826	346736	348728	0.59	cps
Terbium	159-1	15318051	15141942	15258960	15239651	0.59	cps
Terbium	159-2	10187349	9890184	9973197	10016910	1.53	cps
Thallium	203-1	5743	5751	5926	5807	1.78	cps
Thallium	205-1	13157	12998	13590	13248	2.31	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-3145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 17:59:03	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	530689	531780	529102	530524	0.25	cps
Tin	118-1	5076	5084	5560	5240	5.28	cps
Titanium	47-1	655633	674148	670493	666758	1.47	cps
Uranium	238-1	101734	100820	101215	101256	0.45	cps
Vanadium	51-2	280095	280215	278857	279722	0.27	cps
Yttrium	89-1	20549209	20734056	20976990	20753418	1.03	cps
Yttrium	89-2	5151367	5165729	5183905	5167000	0.32	cps
Zinc	66-2	84316	83944	83338	83866	0.59	cps
Zirconium	90-1	189987	192208	194571	192256	1.19	cps
Zirconium	91-1	43582	43331	43214	43376	0.43	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11360218	11316751	11469355	11382108	0.69	cps
Antimony	121-1	200	242	342	261	27.88	cps
Arsenic	75-2	3604	3595	3758	3652	2.51	cps
Barium	135-1	1010526	1015506	1010447	1012160	0.29	cps
Barium	137-1	1747756	1770666	1775680	1764701	0.84	cps
Beryllium	9-1	11254	11014	11588	11285	2.55	cps
Bismuth	209-1	9746072	9602844	9469106	9606007	1.44	cps
Bismuth	209-2	7298311	7366532	7318706	7327850	0.48	cps
Boron	10-1	1650	1625	1858	1711	7.49	cps
Boron	11-1	7844	7694	7669	7735	1.22	cps
Bromine	81-1	13782	14316	13690	13929	2.43	cps
Bromine	81-2	400	471	400	424	9.55	cps
Cadmium	111-1	5679	5639	5589	5636	0.80	cps
Cadmium	106-1	7294	7385	7227	7302	1.09	cps
Cadmium	108-1	288	288	254	276	6.96	cps
Calcium	43-1	197792	204692	197818	200101	1.99	cps
Calcium	44-1	3053315	3197975	3120802	3124031	2.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305986	307512	308669	307389	0.44	cps
Cobalt	59-2	320912	318802	321627	320447	0.46	cps
Copper	63-2	629910	633279	629092	630761	0.35	cps
Dysprosium	156-1	173203	172732	172587	172841	0.19	cps
Dysprosium	156-2	113408	114763	114034	114068	0.59	cps
Erbium	164-1	113988	114390	112510	113630	0.87	cps
Erbium	164-2	75529	76073	75466	75689	0.44	cps
Gadolinium	160-1	147735	145806	146688	146743	0.66	cps
Gadolinium	160-2	104675	105346	104350	104790	0.49	cps
Holmium	165-1	14904464	14942723	14569336	14805508	1.39	cps
Holmium	165-2	9823735	9930698	9778766	9844400	0.79	cps
Indium	115-1	11998692	12135794	11982621	12039036	0.70	cps
Indium	115-2	4263400	4307215	4269454	4280023	0.55	cps
Iron	56-2	251606322	256058050	254049250	253904541	0.88	cps
Iron	57-2	6330603	6345225	6344342	6340057	0.13	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14016685	14033223	13941473	13997127	0.35	cps
Krypton	83-1	5811	5484	5474	5590	3.43	cps
Lead	206-1	663152	664857	657237	661749	0.60	cps
Lead	207-1	525128	530194	526460	527260	0.50	cps
Lead	208-1	2554252	2551558	2525732	2543847	0.62	cps
Lithium	6-1	3031205	2982649	3005170	3006341	0.81	cps
Magnesium	24-2	11103914	11125800	11213092	11147602	0.52	cps
Manganese	55-2	10783460	10836268	10816442	10812057	0.25	cps
Molybdenum	94-1	66678	65891	66159	66242	0.60	cps
Molybdenum	95-1	1358	1217	1300	1292	5.51	cps
Molybdenum	96-1	13248	13632	13707	13529	1.82	cps
Molybdenum	97-1	667	683	850	733	13.82	cps
Molybdenum	98-1	1784	1825	1917	1842	3.70	cps
Neodymium	150-1	314287	319946	314333	316189	1.03	cps
Neodymium	150-2	183490	184213	184688	184130	0.33	cps
Nickel	60-2	162194	161924	160923	161680	0.41	cps
Phosphorus	31-2	10604	10295	10621	10507	1.74	cps
Potassium	39-2	8462391	8567203	8498201	8509265	0.63	cps
Rhodium	103-1	11802627	11865648	11700989	11789755	0.70	cps
Rhodium	103-2	7520068	7538192	7432097	7496785	0.76	cps
Scandium	45-1	9119008	9325139	9143028	9195725	1.23	cps
Scandium	45-2	801158	802128	807216	803501	0.40	cps
Selenium	82-1	116	208	464	263	68.64	cps
Selenium	77-2	747	637	697	693	7.94	cps
Selenium	78-2	691	774	719	728	5.83	cps
Silicon	28-1	6428067	6321005	6373381	6374151	0.84	cps
Silver	107-1	525	508	617	550	10.61	cps
Silver	109-1	350	492	483	442	18.00	cps
Sodium	23-2	930741	922769	930557	928022	0.49	cps
Strontium	86-1	98681	98312	97925	98306	0.38	cps
Strontium	88-1	784314	784939	775586	781613	0.67	cps
Sulfur	34-1	332347	338370	326919	332545	1.72	cps
Terbium	159-1	15320961	15291838	15080391	15231063	0.86	cps
Terbium	159-2	9945613	10164441	9853775	9987943	1.60	cps
Thallium	203-1	10880	11080	10579	10846	2.32	cps
Thallium	205-1	25925	25257	25166	25449	1.63	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-10145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:01:54	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	824756	833413	818938	825702	0.88	cps
Tin	118-1	6360	6735	6818	6638	3.68	cps
Titanium	47-1	1465376	1472880	1460117	1466124	0.44	cps
Uranium	238-1	106775	109021	107130	107642	1.12	cps
Vanadium	51-2	367465	367316	370212	368331	0.44	cps
Yttrium	89-1	20651422	20579041	20668311	20632925	0.23	cps
Yttrium	89-2	5205212	5261927	5230268	5232469	0.54	cps
Zinc	66-2	141271	140982	139976	140743	0.48	cps
Zirconium	90-1	185266	183397	182175	183613	0.85	cps
Zirconium	91-1	41802	41885	40975	41554	1.21	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7266936	7175723	7099600	7180753	1.17	cps
Antimony	121-1	300	150	233	228	33.00	cps
Arsenic	75-2	3223	3282	3258	3254	0.92	cps
Barium	135-1	1635516	1639965	1646799	1640760	0.35	cps
Barium	137-1	2818810	2866243	2841837	2842297	0.83	cps
Beryllium	9-1	7895	8172	7775	7948	2.56	cps
Bismuth	209-1	9533207	9382445	9586257	9500636	1.11	cps
Bismuth	209-2	7298519	7319122	7345720	7321120	0.32	cps
Boron	10-1	1658	1608	1833	1700	6.95	cps
Boron	11-1	8086	8194	8411	8230	2.01	cps
Bromine	81-1	13198	13765	13540	13501	2.11	cps
Bromine	81-2	430	350	280	354	21.24	cps
Cadmium	111-1	5679	5373	5589	5547	2.84	cps
Cadmium	106-1	7677	7052	7319	7349	4.27	cps
Cadmium	108-1	350	329	304	328	7.00	cps
Calcium	43-1	114522	114608	114077	114402	0.25	cps
Calcium	44-1	1841487	1819710	1820650	1827282	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182597	181724	178368	180896	1.23	cps
Cobalt	59-2	163237	163922	162325	163161	0.49	cps
Copper	63-2	3303573	3316083	3258305	3292654	0.92	cps
Dysprosium	156-1	81864	82409	83516	82596	1.02	cps
Dysprosium	156-2	55195	56417	55055	55555	1.35	cps
Erbium	164-1	68209	68720	68184	68371	0.44	cps
Erbium	164-2	46424	46099	45343	45955	1.21	cps
Gadolinium	160-1	73268	76040	75436	74915	1.95	cps
Gadolinium	160-2	53602	53321	52749	53224	0.82	cps
Holmium	165-1	14560014	14772681	14353047	14561914	1.44	cps
Holmium	165-2	9828063	9939715	9841522	9869766	0.62	cps
Indium	115-1	12170795	12045420	12056022	12090746	0.58	cps
Indium	115-2	4219356	4201951	4218582	4213296	0.23	cps
Iron	56-2	202676538	203140155	201094721	202303805	0.53	cps
Iron	57-2	5059957	5019360	4964638	5014652	0.95	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11196981	11142083	11169250	11169438	0.25	cps
Krypton	83-1	5554	5298	5328	5393	2.60	cps
Lead	206-1	534029	534010	533659	533899	0.04	cps
Lead	207-1	432880	432290	429546	431572	0.41	cps
Lead	208-1	2060959	2046320	2067225	2058168	0.52	cps
Lithium	6-1	3013580	2992035	3074618	3026744	1.42	cps
Magnesium	24-2	6436795	6322399	6413424	6390873	0.95	cps
Manganese	55-2	5516096	5445443	5508357	5489965	0.71	cps
Molybdenum	94-1	93414	91545	92266	92408	1.02	cps
Molybdenum	95-1	1208	1108	1225	1181	5.35	cps
Molybdenum	96-1	25033	17202	17778	20004	21.82	cps
Molybdenum	97-1	842	683	633	719	15.12	cps
Molybdenum	98-1	1717	1558	1500	1592	7.04	cps
Neodymium	150-1	136697	137802	134494	136331	1.24	cps
Neodymium	150-2	80690	79212	78522	79474	1.39	cps
Nickel	60-2	94187	94069	93979	94078	0.11	cps
Phosphorus	31-2	6935	7177	7077	7063	1.72	cps
Potassium	39-2	4012341	3922790	3923787	3952973	1.30	cps
Rhodium	103-1	11925266	11900264	11908213	11911248	0.11	cps
Rhodium	103-2	7349899	7439396	7445817	7411704	0.72	cps
Scandium	45-1	9168505	9067857	9124333	9120232	0.55	cps
Scandium	45-2	789004	790564	789809	789792	0.10	cps
Selenium	82-1	-5	208	129	111	97.53	cps
Selenium	77-2	400	327	373	367	10.12	cps
Selenium	78-2	552	548	552	551	0.39	cps
Silicon	28-1	5620139	7899323	5946905	6488789	18.99	cps
Silver	107-1	1333	1292	1417	1347	4.72	cps
Silver	109-1	983	1233	983	1067	13.53	cps
Sodium	23-2	442182	442265	442437	442295	0.03	cps
Strontium	86-1	75645	76055	76004	75902	0.29	cps
Strontium	88-1	579740	584974	577404	580706	0.67	cps
Sulfur	34-1	325360	324129	322689	324059	0.41	cps
Terbium	159-1	14994749	15169224	15112274	15092082	0.59	cps
Terbium	159-2	9911608	9918763	9924377	9918249	0.06	cps
Thallium	203-1	5343	4776	5326	5148	6.27	cps
Thallium	205-1	12164	12122	12439	12242	1.41	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-1120DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:04:42	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	564046	563677	559343	562355	0.47	cps
Tin	118-1	6010	5793	5201	5668	7.39	cps
Titanium	47-1	651759	680170	660825	664251	2.18	cps
Uranium	238-1	73963	73576	72453	73331	1.07	cps
Vanadium	51-2	217100	216980	216392	216824	0.17	cps
Yttrium	89-1	20040032	20201943	19970911	20070962	0.59	cps
Yttrium	89-2	4994199	5070378	5065031	5043203	0.84	cps
Zinc	66-2	72130	72347	71467	71981	0.64	cps
Zirconium	90-1	254722	255333	255908	255321	0.23	cps
Zirconium	91-1	56409	56158	56493	56353	0.31	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7348232	7380310	7134347	7287629	1.83	cps
Antimony	121-1	658	625	658	647	2.97	cps
Arsenic	75-2	1072	1207	1130	1136	5.97	cps
Barium	135-1	524478	523940	512501	520306	1.30	cps
Barium	137-1	908685	915857	887803	904115	1.61	cps
Beryllium	9-1	4317	4577	4434	4443	2.93	cps
Bismuth	209-1	9572458	9546339	9527900	9548899	0.23	cps
Bismuth	209-2	7498126	7323868	7161076	7327690	2.30	cps
Boron	10-1	1217	1250	1033	1167	10.00	cps
Boron	11-1	5893	5593	5526	5671	3.45	cps
Bromine	81-1	13957	12989	13398	13448	3.61	cps
Bromine	81-2	190	240	200	210	12.60	cps
Cadmium	111-1	4890	4902	4899	4897	0.13	cps
Cadmium	106-1	6952	6994	7044	6996	0.66	cps
Cadmium	108-1	133	133	188	151	20.65	cps
Calcium	43-1	78018	79853	78009	78627	1.35	cps
Calcium	44-1	1298509	1304325	1286215	1296350	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150663	152176	147686	150175	1.52	cps
Cobalt	59-2	84546	83970	83605	84040	0.56	cps
Copper	63-2	2975827	2925751	2840931	2914170	2.34	cps
Dysprosium	156-1	74909	74314	75714	74979	0.94	cps
Dysprosium	156-2	50979	51093	50350	50808	0.79	cps
Erbium	164-1	63512	62900	63461	63291	0.54	cps
Erbium	164-2	42167	41696	40640	41501	1.88	cps
Gadolinium	160-1	68242	69431	68157	68610	1.04	cps
Gadolinium	160-2	48537	48347	48481	48455	0.20	cps
Holmium	165-1	14752646	14871332	14769116	14797698	0.43	cps
Holmium	165-2	9908185	9815329	9570159	9764558	1.79	cps
Indium	115-1	12483774	12211861	12110162	12268599	1.57	cps
Indium	115-2	4213913	4228726	4199115	4213918	0.35	cps
Iron	56-2	92792663	94319872	93582585	93565040	0.82	cps
Iron	57-2	2323860	2335337	2299155	2319451	0.80	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5170471	5187618	5090172	5149420	1.01	cps
Krypton	83-1	6652	5911	5988	6184	6.58	cps
Lead	206-1	80817	82130	80599	81182	1.02	cps
Lead	207-1	62510	61754	62036	62100	0.62	cps
Lead	208-1	302665	304626	302600	303297	0.38	cps
Lithium	6-1	3031666	3125949	3123517	3093710	1.74	cps
Magnesium	24-2	4421936	4379059	4366230	4389075	0.66	cps
Manganese	55-2	1666191	1647162	1654262	1655872	0.58	cps
Molybdenum	94-1	49284	46491	46842	47539	3.20	cps
Molybdenum	95-1	7994	7636	7586	7738	2.88	cps
Molybdenum	96-1	15926	15851	16335	16037	1.62	cps
Molybdenum	97-1	5393	5109	4567	5023	8.35	cps
Molybdenum	98-1	12155	12564	12731	12483	2.37	cps
Neodymium	150-1	125186	124310	121002	123500	1.79	cps
Neodymium	150-2	72188	71708	73390	72429	1.20	cps
Nickel	60-2	38920	38941	38012	38624	1.37	cps
Phosphorus	31-2	5201	5476	5276	5318	2.67	cps
Potassium	39-2	2046912	1999032	2006662	2017536	1.28	cps
Rhodium	103-1	11949268	11807030	11765186	11840495	0.81	cps
Rhodium	103-2	7425061	7451256	7377936	7418084	0.50	cps
Scandium	45-1	9142649	9017897	9011660	9057402	0.82	cps
Scandium	45-2	778056	783819	768863	776913	0.97	cps
Selenium	82-1	34	435	6	158	151.66	cps
Selenium	77-2	293	247	313	284	12.03	cps
Selenium	78-2	554	543	548	548	1.01	cps
Silicon	28-1	13067462	12095999	12604564	12589342	3.86	cps
Silver	107-1	1475	1525	1708	1570	7.83	cps
Silver	109-1	1233	1475	1425	1378	9.26	cps
Sodium	23-2	170371	168034	167595	168666	0.88	cps
Strontium	86-1	51072	50128	49158	50119	1.91	cps
Strontium	88-1	350459	348226	345388	348024	0.73	cps
Sulfur	34-1	308171	304387	303776	305445	0.78	cps
Terbium	159-1	15231301	15247055	14913125	15130494	1.25	cps
Terbium	159-2	10153869	10065467	9885865	10035067	1.36	cps
Thallium	203-1	2959	2625	2642	2742	6.85	cps
Thallium	205-1	6185	6685	6402	6424	3.91	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:07:32	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	373164	367451	367995	369536	0.85	cps
Tin	118-1	8194	8253	7727	8058	3.58	cps
Titanium	47-1	416357	414992	410905	414085	0.69	cps
Uranium	238-1	102656	97907	101113	100559	2.41	cps
Vanadium	51-2	145373	143250	141410	143344	1.38	cps
Yttrium	89-1	20306635	20373783	19838115	20172844	1.45	cps
Yttrium	89-2	5096673	4983717	4984418	5021603	1.29	cps
Zinc	66-2	72890	70465	70817	71391	1.84	cps
Zirconium	90-1	116687	118069	118824	117860	0.92	cps
Zirconium	91-1	26742	27929	26015	26895	3.59	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1471999	1458027	1524528	1484851	2.36	cps
Antimony	121-1	217	242	192	217	11.54	cps
Arsenic	75-2	228	265	289	260	11.82	cps
Barium	135-1	107892	110226	107531	108550	1.35	cps
Barium	137-1	190896	190359	188477	189911	0.67	cps
Beryllium	9-1	800	763	773	779	2.43	cps
Bismuth	209-1	7932535	9219237	9548941	8900238	9.60	cps
Bismuth	209-2	7209651	7234792	7400685	7281709	1.43	cps
Boron	10-1	717	667	642	675	5.66	cps
Boron	11-1	2959	2942	2925	2942	0.57	cps
Bromine	81-1	13899	13540	14140	13860	2.18	cps
Bromine	81-2	230	190	180	200	13.23	cps
Cadmium	111-1	3638	4572	4484	4231	12.18	cps
Cadmium	106-1	5201	6460	6327	5996	11.53	cps
Cadmium	108-1	75	42	58	58	28.57	cps
Calcium	43-1	15859	16417	16543	16273	2.24	cps
Calcium	44-1	322751	330053	327325	326710	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31927	31877	31957	31920	0.13	cps
Cobalt	59-2	17143	17320	17631	17365	1.42	cps
Copper	63-2	584091	579874	586572	583513	0.58	cps
Dysprosium	156-1	15425	15042	14917	15128	1.75	cps
Dysprosium	156-2	10241	10484	10234	10319	1.38	cps
Erbium	164-1	12373	13015	12056	12481	3.92	cps
Erbium	164-2	8339	7909	8406	8218	3.28	cps
Gadolinium	160-1	13991	14124	13949	14021	0.65	cps
Gadolinium	160-2	9880	10010	9750	9880	1.32	cps
Holmium	165-1	11986261	14234857	14365800	13528973	9.89	cps
Holmium	165-2	9618256	9555767	9808657	9660893	1.36	cps
Indium	115-1	10015343	11795166	11986014	11265508	9.65	cps
Indium	115-2	4185759	4213837	4245962	4215186	0.71	cps
Iron	56-2	18988588	19348256	19061618	19132821	0.99	cps
Iron	57-2	471014	472222	476888	473375	0.66	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1070886	1060103	1060458	1063816	0.58	cps
Krypton	83-1	5278	5434	5321	5344	1.51	cps
Lead	206-1	16455	16788	16521	16588	1.06	cps
Lead	207-1	13057	12734	12384	12725	2.65	cps
Lead	208-1	60647	61828	60809	61095	1.05	cps
Lithium	6-1	2553500	2968549	2997434	2839828	8.75	cps
Magnesium	24-2	859875	858759	868389	862341	0.61	cps
Manganese	55-2	336053	339654	337938	337882	0.53	cps
Molybdenum	94-1	10158	8619	14295	11024	26.62	cps
Molybdenum	95-1	2142	2275	2417	2278	6.04	cps
Molybdenum	96-1	3851	4026	3917	3931	2.25	cps
Molybdenum	97-1	1358	1283	1133	1258	9.10	cps
Molybdenum	98-1	3851	3325	3709	3628	7.49	cps
Neodymium	150-1	24902	24702	24542	24715	0.73	cps
Neodymium	150-2	14761	14618	15008	14796	1.33	cps
Nickel	60-2	8262	8069	8279	8203	1.42	cps
Phosphorus	31-2	1658	1700	1750	1703	2.70	cps
Potassium	39-2	457139	457113	459464	457905	0.29	cps
Rhodium	103-1	9938295	11585314	11780660	11101423	9.12	cps
Rhodium	103-2	7393638	7487188	7481013	7453946	0.70	cps
Scandium	45-1	7299430	8667210	8673265	8213302	9.64	cps
Scandium	45-2	766819	759052	764729	763533	0.53	cps
Selenium	82-1	211	72	112	132	54.51	cps
Selenium	77-2	60	70	60	63	9.12	cps
Selenium	78-2	393	419	456	422	7.49	cps
Silicon	28-1	6061399	5439273	3293096	4931256	29.45	cps
Silver	107-1	408	358	458	408	12.24	cps
Silver	109-1	392	400	333	375	9.69	cps
Sodium	23-2	53794	55461	54943	54732	1.56	cps
Strontium	86-1	16585	16543	16843	16657	0.98	cps
Strontium	88-1	70092	72060	69339	70497	1.99	cps
Sulfur	34-1	293039	293166	288953	291719	0.82	cps
Terbium	159-1	12254602	14670226	14743550	13889459	10.20	cps
Terbium	159-2	9755252	9837045	9753506	9781934	0.49	cps
Thallium	203-1	950	1208	1150	1103	12.29	cps
Thallium	205-1	2642	2625	2809	2692	3.77	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075LDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:10:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72160	73276	71506	72314	1.24	cps
Tin	118-1	2809	2592	4144	3181	26.41	cps
Titanium	47-1	95947	92643	95537	94709	1.90	cps
Uranium	238-1	19590	21151	20208	20317	3.87	cps
Vanadium	51-2	28704	28624	28914	28747	0.52	cps
Yttrium	89-1	15902014	18714532	18845145	17820564	9.33	cps
Yttrium	89-2	4749213	4884226	4858208	4830549	1.48	cps
Zinc	66-2	24961	24500	25896	25119	2.83	cps
Zirconium	90-1	22634	23227	23336	23066	1.64	cps
Zirconium	91-1	5276	4968	5143	5129	3.02	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7452004	7400585	7409471	7420687	0.37	cps
Antimony	121-1	465451	480600	474717	473589	1.61	cps
Arsenic	75-2	89521	88726	89083	89110	0.45	cps
Barium	135-1	2031023	1974877	2048536	2018145	1.91	cps
Barium	137-1	3459467	3445458	3480643	3461856	0.51	cps
Beryllium	9-1	256264	259249	259129	258214	0.65	cps
Bismuth	209-1	9089079	9484361	9577599	9383680	2.76	cps
Bismuth	209-2	7397813	7290277	7379082	7355724	0.78	cps
Boron	10-1	34932	36502	36218	35884	2.33	cps
Boron	11-1	165362	172250	173650	170421	2.60	cps
Bromine	81-1	14608	14065	14924	14532	2.99	cps
Bromine	81-2	481	430	511	474	8.54	cps
Cadmium	111-1	368152	369803	369690	369215	0.25	cps
Cadmium	106-1	44803	44318	45681	44934	1.54	cps
Cadmium	108-1	26403	27827	27238	27156	2.63	cps
Calcium	43-1	533964	529403	540231	534533	1.02	cps
Calcium	44-1	8271348	8170415	8283587	8241783	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	849171	858099	865003	857424	0.93	cps
Cobalt	59-2	1213844	1200806	1210594	1208415	0.56	cps
Copper	63-2	11881774	12036952	12027456	11982061	0.73	cps
Dysprosium	156-1	71173	71793	73703	72223	1.83	cps
Dysprosium	156-2	49561	50116	49430	49702	0.73	cps
Erbium	164-1	56290	57537	56657	56828	1.13	cps
Erbium	164-2	38419	39720	38918	39019	1.68	cps
Gadolinium	160-1	63755	64658	64675	64363	0.82	cps
Gadolinium	160-2	46447	46862	46604	46638	0.45	cps
Holmium	165-1	13856227	14407415	14738272	14333971	3.11	cps
Holmium	165-2	10052187	10083831	10049137	10061718	0.19	cps
Indium	115-1	11276863	11820664	12115585	11737704	3.62	cps
Indium	115-2	4353593	4279943	4210117	4281218	1.68	cps
Iron	56-2	119434080	121403414	120944061	120593852	0.85	cps
Iron	57-2	2976484	3010111	2975756	2987450	0.66	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6766648	6685634	6742283	6731521	0.62	cps
Krypton	83-1	5648	5624	5908	5727	2.75	cps
Lead	206-1	5425443	5467137	5430992	5441191	0.42	cps
Lead	207-1	4711319	4753782	4674833	4713311	0.84	cps
Lead	208-1	21751257	21870883	21819723	21813954	0.28	cps
Lithium	6-1	2884852	2987984	3007430	2960089	2.23	cps
Magnesium	24-2	11474535	11308586	11460668	11414596	0.81	cps
Manganese	55-2	7525583	7508187	7537655	7523808	0.20	cps
Molybdenum	94-1	2912031	2924716	2959666	2932138	0.84	cps
Molybdenum	95-1	3453606	3524694	3479643	3485981	1.03	cps
Molybdenum	96-1	3893650	3920643	3867950	3894081	0.68	cps
Molybdenum	97-1	2157854	2129573	2151000	2146142	0.69	cps
Molybdenum	98-1	5524280	5507869	5543104	5525084	0.32	cps
Neodymium	150-1	119314	120302	121539	120385	0.93	cps
Neodymium	150-2	73186	72365	72539	72697	0.60	cps
Nickel	60-2	329009	331672	333493	331392	0.68	cps
Phosphorus	31-2	4959	5209	5076	5082	2.46	cps
Potassium	39-2	5589829	5757686	5590799	5646105	1.71	cps
Rhodium	103-1	11371528	11720464	12122402	11738131	3.20	cps
Rhodium	103-2	7593809	7510436	7385024	7496423	1.40	cps
Scandium	45-1	8495427	8802137	9074724	8790763	3.30	cps
Scandium	45-2	795642	800436	789922	795334	0.66	cps
Selenium	82-1	25669	26306	26019	25998	1.23	cps
Selenium	77-2	2834	2990	2797	2874	3.57	cps
Selenium	78-2	9190	9014	9160	9121	1.03	cps
Silicon	28-1	15674489	15703546	18790869	16722968	10.71	cps
Silver	107-1	1665503	1705418	1679676	1683532	1.20	cps
Silver	109-1	1605005	1609670	1599583	1604752	0.31	cps
Sodium	23-2	12520060	12200491	12400402	12373651	1.30	cps
Strontium	86-1	500845	506316	499709	502290	0.70	cps
Strontium	88-1	4377856	4403083	4366390	4382443	0.43	cps
Sulfur	34-1	308669	305109	303894	305891	0.81	cps
Terbium	159-1	14422689	14756994	15241516	14807066	2.78	cps
Terbium	159-2	10145213	10200624	9997926	10114588	1.04	cps
Thallium	203-1	1169348	1184899	1174672	1176306	0.67	cps
Thallium	205-1	2912818	2897051	2893852	2901240	0.35	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:13:13	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	387274	393355	394323	391650	0.98	cps
Tin	118-1	970866	1005807	1005181	993952	2.01	cps
Titanium	47-1	1426670	1353093	1399197	1392987	2.67	cps
Uranium	238-1	4048569	4130126	4102285	4093660	1.01	cps
Vanadium	51-2	754614	766666	753828	758370	0.95	cps
Yttrium	89-1	19135271	19652240	20153184	19646898	2.59	cps
Yttrium	89-2	5179048	5109145	5020886	5103026	1.55	cps
Zinc	66-2	1228315	1239078	1246212	1237868	0.73	cps
Zirconium	90-1	2585327	2565923	2572918	2574723	0.38	cps
Zirconium	91-1	549294	554873	562126	555431	1.16	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7446034	7351973	7441343	7413117	0.71	cps
Antimony	121-1	506731	515015	510070	510606	0.82	cps
Arsenic	75-2	89176	89087	89713	89326	0.38	cps
Barium	135-1	2049075	2065962	2016192	2043743	1.24	cps
Barium	137-1	3529020	3547093	3523993	3533369	0.34	cps
Beryllium	9-1	259704	265983	259461	261716	1.41	cps
Bismuth	209-1	9200985	9396243	9569815	9389014	1.97	cps
Bismuth	209-2	7380497	7301994	7394566	7359019	0.68	cps
Boron	10-1	32727	36953	36460	35380	6.53	cps
Boron	11-1	170625	175612	180798	175678	2.90	cps
Bromine	81-1	14849	14616	14341	14602	1.74	cps
Bromine	81-2	400	380	400	394	2.94	cps
Cadmium	111-1	375801	379601	379405	378269	0.57	cps
Cadmium	106-1	44996	47127	45163	45762	2.59	cps
Cadmium	108-1	27773	28319	28182	28091	1.01	cps
Calcium	43-1	541893	542980	551699	545524	0.99	cps
Calcium	44-1	8412510	8414119	8367664	8398098	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	870931	866887	868466	868762	0.23	cps
Cobalt	59-2	1229664	1227450	1220057	1225724	0.41	cps
Copper	63-2	12178906	12101595	11940145	12073548	1.01	cps
Dysprosium	156-1	71818	74439	72237	72831	1.93	cps
Dysprosium	156-2	48802	48701	48507	48670	0.31	cps
Erbium	164-1	59862	61712	60875	60816	1.52	cps
Erbium	164-2	40235	40826	40168	40409	0.90	cps
Gadolinium	160-1	65287	65195	65780	65421	0.48	cps
Gadolinium	160-2	47527	46945	46376	46950	1.23	cps
Holmium	165-1	13990545	14711946	14980811	14561101	3.52	cps
Holmium	165-2	9957539	9899073	9844228	9900280	0.57	cps
Indium	115-1	11542599	11971279	12150970	11888283	2.63	cps
Indium	115-2	4215398	4253351	4221581	4230110	0.48	cps
Iron	56-2	125431286	123026542	123473089	123976972	1.03	cps
Iron	57-2	3062603	3021510	3076481	3053531	0.94	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6803043	6809835	6862098	6824992	0.47	cps
Krypton	83-1	5765	5731	5611	5702	1.41	cps
Lead	206-1	5572489	5471842	5558500	5534277	0.99	cps
Lead	207-1	4830187	4768241	4794846	4797758	0.65	cps
Lead	208-1	22087624	22017280	22102312	22069072	0.21	cps
Lithium	6-1	2913801	3021166	2997916	2977628	1.90	cps
Magnesium	24-2	11786295	11521487	11595727	11634503	1.17	cps
Manganese	55-2	7701479	7698306	7759208	7719664	0.44	cps
Molybdenum	94-1	2951354	2964216	2984392	2966654	0.56	cps
Molybdenum	95-1	3507649	3493638	3537091	3512793	0.63	cps
Molybdenum	96-1	3917653	3958126	3940136	3938638	0.51	cps
Molybdenum	97-1	2179302	2196468	2200331	2192034	0.51	cps
Molybdenum	98-1	5549837	5618752	5583696	5584095	0.62	cps
Neodymium	150-1	119947	118722	119752	119474	0.55	cps
Neodymium	150-2	70620	69410	68968	69666	1.23	cps
Nickel	60-2	340479	337870	338115	338822	0.43	cps
Phosphorus	31-2	5168	5218	5509	5298	3.48	cps
Potassium	39-2	5689895	5744660	5673266	5702607	0.66	cps
Rhodium	103-1	11345246	11888702	11836348	11690099	2.56	cps
Rhodium	103-2	7408253	7459643	7367619	7411838	0.62	cps
Scandium	45-1	8649118	8886936	8908405	8814820	1.63	cps
Scandium	45-2	781839	783738	784359	783312	0.17	cps
Selenium	82-1	26061	26524	26421	26335	0.92	cps
Selenium	77-2	2627	2830	2807	2755	4.04	cps
Selenium	78-2	9060	9322	9375	9252	1.82	cps
Silicon	28-1	27248545	17228175	22409063	22295261	22.48	cps
Silver	107-1	1704508	1747752	1765192	1739151	1.80	cps
Silver	109-1	1636478	1669951	1647443	1651291	1.03	cps
Sodium	23-2	12861163	12714384	12638805	12738118	0.89	cps
Strontium	86-1	509581	517221	509057	511953	0.89	cps
Strontium	88-1	4445789	4506983	4458725	4470499	0.72	cps
Sulfur	34-1	311434	310593	307293	309773	0.71	cps
Terbium	159-1	14552194	15141359	15285379	14992978	2.59	cps
Terbium	159-2	10101969	10070725	10193339	10122011	0.63	cps
Thallium	203-1	1184836	1196026	1195751	1192204	0.54	cps
Thallium	205-1	3001539	2933002	2959603	2964715	1.17	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:15:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	359742	361532	359514	360263	0.31	cps
Tin	118-1	1046224	1049816	1039834	1045291	0.48	cps
Titanium	47-1	1562097	1586428	1604519	1584348	1.34	cps
Uranium	238-1	4221543	4198218	4189329	4203030	0.40	cps
Vanadium	51-2	770370	765749	768110	768076	0.30	cps
Yttrium	89-1	19027172	20044906	20002586	19691555	2.92	cps
Yttrium	89-2	4977783	5075905	5072873	5042187	1.11	cps
Zinc	66-2	1248133	1263214	1255270	1255539	0.60	cps
Zirconium	90-1	2558325	2606932	2609971	2591743	1.12	cps
Zirconium	91-1	565109	569859	568673	567880	0.44	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : CCV23 Instrumnet Name : P7
 Client Sample ID : CCV23 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 18:20:50 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19699510	19352211	19713321	19588347	1.04	cps
Antimony	121-1	6500147	6584949	6553195	6546097	0.65	cps
Arsenic	75-2	388406	386670	393063	389380	0.85	cps
Barium	135-1	7618564	7649485	7514081	7594043	0.93	cps
Barium	137-1	13026821	13373915	13097372	13166036	1.39	cps
Beryllium	9-1	1249766	1264506	1250913	1255062	0.65	cps
Bismuth	209-1	8324113	8591256	8721789	8545719	2.37	cps
Bismuth	209-2	6544437	6583751	6564126	6564105	0.30	cps
Boron	10-1	237760	252764	247131	245885	3.08	cps
Boron	11-1	1182302	1253902	1228528	1221577	2.97	cps
Bromine	81-1	13623	13623	13623	13623	0.00	cps
Bromine	81-2	130	120	160	137	15.23	cps
Cadmium	111-1	1788756	1834825	1841119	1821567	1.57	cps
Cadmium	106-1	191612	198478	198892	196327	2.08	cps
Cadmium	108-1	137872	138172	137209	137751	0.36	cps
Calcium	43-1	10652006	11008841	11003533	10888127	1.88	cps
Calcium	44-1	170522637	172889866	171665829	171692777	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3648200	3623392	3676171	3649254	0.72	cps
Cobalt	59-2	5342654	5474582	5501109	5439448	1.56	cps
Copper	63-2	40821314	40977202	41335914	41044810	0.64	cps
Dysprosium	156-1	1125	858	817	933	17.93	cps
Dysprosium	156-2	697	737	713	716	2.81	cps
Erbium	164-1	192	200	283	225	22.53	cps
Erbium	164-2	167	127	160	151	14.18	cps
Gadolinium	160-1	758	625	683	689	9.70	cps
Gadolinium	160-2	750	740	730	740	1.35	cps
Holmium	165-1	13574266	14268236	14313739	14052080	2.95	cps
Holmium	165-2	9531652	9592921	9539602	9554725	0.35	cps
Indium	115-1	10482430	11203953	11016976	10901120	3.44	cps
Indium	115-2	3930012	3933746	3946993	3936917	0.23	cps
Iron	56-2	788558195	776334128	795978440	786956921	1.26	cps
Iron	57-2	19762847	19573169	19729019	19688345	0.51	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:20:50	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	43882575	43479758	43989614	43783982	0.61	cps
Krypton	83-1	5298	5311	5234	5281	0.78	cps
Lead	206-1	25241508	26181134	25898584	25773742	1.87	cps
Lead	207-1	21687643	22400344	22211283	22099757	1.67	cps
Lead	208-1	101230741	103756354	103202918	102730005	1.29	cps
Lithium	6-1	2742505	2857799	2820450	2806918	2.10	cps
Magnesium	24-2	180867332	181298887	182543237	181569819	0.48	cps
Manganese	55-2	25924500	25816379	25955501	25898794	0.28	cps
Molybdenum	94-1	24875251	24921872	24912709	24903277	0.10	cps
Molybdenum	95-1	35168076	35245104	35601737	35338306	0.65	cps
Molybdenum	96-1	38658831	38983682	38920579	38854364	0.44	cps
Molybdenum	97-1	21827855	22052444	21935098	21938466	0.51	cps
Molybdenum	98-1	56201185	57114068	56327862	56547705	0.87	cps
Neodymium	150-1	400	440	400	413	5.59	cps
Neodymium	150-2	103	110	157	123	23.56	cps
Nickel	60-2	1392325	1408295	1408536	1403052	0.66	cps
Phosphorus	31-2	206969	202011	205415	204798	1.24	cps
Potassium	39-2	93761933	92115365	93753046	93210115	1.02	cps
Rhodium	103-1	10205348	10741610	10854038	10600332	3.27	cps
Rhodium	103-2	6707506	6680329	6578147	6655327	1.02	cps
Scandium	45-1	8053635	8541309	8538688	8377877	3.35	cps
Scandium	45-2	738012	738934	745397	740781	0.54	cps
Selenium	82-1	124520	126060	126240	125607	0.75	cps
Selenium	77-2	12242	12365	12472	12360	0.93	cps
Selenium	78-2	41987	41511	42241	41913	0.88	cps
Silicon	28-1	30442904	30767150	30647102	30619052	0.54	cps
Silver	107-1	8448174	8479784	8610833	8512930	1.01	cps
Silver	109-1	8112941	8260325	8075832	8149699	1.20	cps
Sodium	23-2	301140796	299193673	301558107	300630859	0.42	cps
Strontium	86-1	2309051	2328374	2361438	2332954	1.14	cps
Strontium	88-1	20307657	20028520	20179290	20171822	0.69	cps
Sulfur	34-1	1279373	1259301	1257926	1265533	0.95	cps
Terbium	159-1	13977692	14531332	14625630	14378218	2.43	cps
Terbium	159-2	9754050	9583555	9626649	9654752	0.92	cps
Thallium	203-1	6183893	6278822	6270640	6244452	0.84	cps
Thallium	205-1	14708759	14981525	14769971	14820085	0.97	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:20:50	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22031462	22137403	22323047	22163971	0.67	cps
Tin	118-1	5288413	5423863	5351373	5354550	1.27	cps
Titanium	47-1	10456810	10556450	10522069	10511776	0.48	cps
Uranium	238-1	19858424	20241547	20103257	20067743	0.97	cps
Vanadium	51-2	3166722	3131909	3181638	3160090	0.81	cps
Yttrium	89-1	17589271	18100811	18257555	17982546	1.94	cps
Yttrium	89-2	4688814	4598256	4643885	4643652	0.98	cps
Zinc	66-2	6472988	6484824	6452394	6470069	0.25	cps
Zirconium	90-1	12460928	12453742	12630947	12515205	0.80	cps
Zirconium	91-1	2797558	2775479	2824750	2799262	0.88	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 18:31:01 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	322	261	322	18.97	cps
Antimony	121-1	783	892	658	778	15.01	cps
Arsenic	75-2	30	26	26	27	7.86	cps
Barium	135-1	217	250	150	206	24.77	cps
Barium	137-1	408	333	333	358	12.08	cps
Beryllium	9-1	67	43	77	62	27.50	cps
Bismuth	209-1	9205938	9340113	9380218	9308757	0.98	cps
Bismuth	209-2	7422974	7347843	7295688	7355502	0.87	cps
Boron	10-1	1125	1225	983	1111	10.93	cps
Boron	11-1	5468	5351	5551	5457	1.84	cps
Bromine	81-1	12564	12731	12906	12734	1.34	cps
Bromine	81-2	100	110	40	83	45.43	cps
Cadmium	111-1	3747	4013	4007	3922	3.86	cps
Cadmium	106-1	5293	5610	5668	5523	3.65	cps
Cadmium	108-1	58	38	75	57	32.99	cps
Calcium	43-1	417	317	358	364	13.80	cps
Calcium	44-1	83280	83699	83773	83584	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3327	3430	3324	3360	1.81	cps
Cobalt	59-2	173	213	237	208	15.41	cps
Copper	63-2	1490	1573	1657	1573	5.30	cps
Dysprosium	156-1	8	25	50	28	75.51	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	92	58	100	83	26.45	cps
Erbium	164-2	97	57	70	74	27.36	cps
Gadolinium	160-1	67	125	92	94	30.98	cps
Gadolinium	160-2	227	277	277	260	11.10	cps
Holmium	165-1	14187866	14322985	14463879	14324910	0.96	cps
Holmium	165-2	9844324	9860089	9798992	9834468	0.32	cps
Indium	115-1	11907234	12090715	12108614	12035521	0.93	cps
Indium	115-2	4258232	4372501	4279107	4303280	1.41	cps
Iron	56-2	26640	27464	27353	27152	1.65	cps
Iron	57-2	856	822	861	846	2.49	cps

LB Number : LB119779 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-19 18:31:01 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2913	3053	2533	2833	9.51	cps
Krypton	83-1	5488	5351	5734	5524	3.52	cps
Lead	206-1	1017	1095	1100	1070	4.35	cps
Lead	207-1	889	928	894	904	2.33	cps
Lead	208-1	4034	4173	4361	4189	3.93	cps
Lithium	6-1	3063261	3048872	3107928	3073354	1.00	cps
Magnesium	24-2	1778	1683	1617	1693	4.78	cps
Manganese	55-2	630	580	533	581	8.32	cps
Molybdenum	94-1	725	692	883	767	13.36	cps
Molybdenum	95-1	525	358	375	419	21.88	cps
Molybdenum	96-1	617	542	708	622	13.42	cps
Molybdenum	97-1	242	250	267	253	5.03	cps
Molybdenum	98-1	725	783	742	750	4.01	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	313	277	327	306	8.47	cps
Phosphorus	31-2	825	733	600	719	15.73	cps
Potassium	39-2	82374	82004	84098	82825	1.35	cps
Rhodium	103-1	11612088	11796398	11798293	11735593	0.91	cps
Rhodium	103-2	7518331	7581703	7501119	7533718	0.56	cps
Scandium	45-1	8457071	8631685	8657162	8581973	1.27	cps
Scandium	45-2	758312	765755	757946	760671	0.58	cps
Selenium	82-1	-130	187	-180	-41	-484.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	322	356	398	359	10.61	cps
Silicon	28-1	566694	569904	571195	569264	0.41	cps
Silver	107-1	308	275	267	283	7.78	cps
Silver	109-1	275	192	200	222	20.65	cps
Sodium	23-2	45991	47016	46437	46481	1.11	cps
Strontium	86-1	8528	8836	8936	8767	2.43	cps
Strontium	88-1	667	675	583	642	7.90	cps
Sulfur	34-1	409879	404583	408381	407614	0.67	cps
Terbium	159-1	14444339	14783395	14687407	14638380	1.19	cps
Terbium	159-2	10201844	10031406	9994603	10075951	1.10	cps
Thallium	203-1	1042	992	1008	1014	2.51	cps
Thallium	205-1	2434	2325	2184	2314	5.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:31:01	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	194	283	239	18.60	cps
Tin	118-1	1367	1192	1192	1250	8.08	cps
Titanium	47-1	300	242	275	272	10.75	cps
Uranium	238-1	150	142	183	158	13.92	cps
Vanadium	51-2	80	100	100	93	12.37	cps
Yttrium	89-1	18522984	18694139	18781599	18666241	0.70	cps
Yttrium	89-2	4868283	4819980	4806824	4831695	0.67	cps
Zinc	66-2	587	583	583	584	0.33	cps
Zirconium	90-1	1450	1567	1267	1428	10.59	cps
Zirconium	91-1	258	217	275	250	12.02	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7409829	7402511	7300679	7371006	0.83	cps
Antimony	121-1	487231	489731	493685	490216	0.66	cps
Arsenic	75-2	86704	87101	87167	86991	0.29	cps
Barium	135-1	1999159	2062564	2042032	2034585	1.59	cps
Barium	137-1	3507553	3519675	3584165	3537131	1.16	cps
Beryllium	9-1	270918	275227	274519	273555	0.84	cps
Bismuth	209-1	9185335	9371248	9684032	9413538	2.68	cps
Bismuth	209-2	7376210	7341828	7348655	7355564	0.25	cps
Boron	10-1	35433	37295	37864	36864	3.45	cps
Boron	11-1	167044	179753	189228	178675	6.23	cps
Bromine	81-1	13498	13456	13348	13434	0.58	cps
Bromine	81-2	420	280	270	324	25.94	cps
Cadmium	111-1	369718	370049	373232	371000	0.52	cps
Cadmium	106-1	45129	45915	45973	45673	1.03	cps
Cadmium	108-1	27430	27681	26792	27301	1.68	cps
Calcium	43-1	532981	538237	529215	533477	0.85	cps
Calcium	44-1	8262222	8301613	8259375	8274403	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	841712	848625	838387	842908	0.62	cps
Cobalt	59-2	1183005	1190882	1187718	1187201	0.33	cps
Copper	63-2	11872522	11646637	11824728	11781296	1.01	cps
Dysprosium	156-1	73174	73434	74238	73615	0.75	cps
Dysprosium	156-2	48641	48370	50120	49044	1.92	cps
Erbium	164-1	57829	59310	60357	59165	2.15	cps
Erbium	164-2	39289	39332	40181	39601	1.27	cps
Gadolinium	160-1	64323	65981	65579	65294	1.32	cps
Gadolinium	160-2	46139	46082	46393	46205	0.36	cps
Holmium	165-1	14113139	14593317	14651879	14452778	2.05	cps
Holmium	165-2	9979957	9861938	9924236	9922044	0.60	cps
Indium	115-1	11432455	11934894	11991529	11786292	2.61	cps
Indium	115-2	4234367	4201507	4199719	4211864	0.46	cps
Iron	56-2	120621817	120346314	120953497	120640543	0.25	cps
Iron	57-2	2993987	2968570	2974409	2978988	0.45	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6754160	6700725	6705004	6719963	0.44	cps
Krypton	83-1	5658	5651	5811	5707	1.59	cps
Lead	206-1	5445657	5502965	5543202	5497275	0.89	cps
Lead	207-1	4711213	4738412	4799701	4749775	0.95	cps
Lead	208-1	21819410	21810465	22076318	21902064	0.69	cps
Lithium	6-1	3049408	3179626	3117399	3115478	2.09	cps
Magnesium	24-2	11525141	11300029	11506489	11443886	1.09	cps
Manganese	55-2	7628768	7542267	7475221	7548752	1.02	cps
Molybdenum	94-1	2912562	2911436	2937931	2920643	0.51	cps
Molybdenum	95-1	3458643	3486761	3472734	3472713	0.40	cps
Molybdenum	96-1	3925880	3877826	3949123	3917610	0.93	cps
Molybdenum	97-1	2170025	2144689	2168766	2161160	0.66	cps
Molybdenum	98-1	5493804	5465772	5506234	5488603	0.38	cps
Neodymium	150-1	119677	121237	120355	120423	0.65	cps
Neodymium	150-2	69657	69266	72455	70460	2.47	cps
Nickel	60-2	325208	324438	329731	326459	0.88	cps
Phosphorus	31-2	5326	4809	5368	5168	6.02	cps
Potassium	39-2	5687143	5491345	5629520	5602669	1.80	cps
Rhodium	103-1	11331807	11598403	11912388	11614199	2.50	cps
Rhodium	103-2	7382374	7403306	7397147	7394276	0.15	cps
Scandium	45-1	8662221	8747258	8867358	8758946	1.18	cps
Scandium	45-2	766377	765309	768516	766734	0.21	cps
Selenium	82-1	25761	25790	25921	25824	0.33	cps
Selenium	77-2	2880	2744	2837	2820	2.48	cps
Selenium	78-2	9092	9058	9394	9181	2.01	cps
Silicon	28-1	18731468	19796246	17789312	18772342	5.35	cps
Silver	107-1	1667897	1682156	1725853	1691969	1.78	cps
Silver	109-1	1605328	1604932	1629573	1613278	0.87	cps
Sodium	23-2	12560366	12507061	12592494	12553307	0.34	cps
Strontium	86-1	495958	502582	499255	499265	0.66	cps
Strontium	88-1	4446913	4437975	4383638	4422842	0.77	cps
Sulfur	34-1	388680	379265	372384	380110	2.15	cps
Terbium	159-1	14300939	15089404	15437135	14942492	3.90	cps
Terbium	159-2	9925147	10119676	10016647	10020490	0.97	cps
Thallium	203-1	1173493	1173946	1173244	1173561	0.03	cps
Thallium	205-1	2962493	2950089	3002302	2971628	0.92	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 18:37:42	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	363206	369569	369173	367316	0.97	cps
Tin	118-1	1008586	1012907	1020930	1014141	0.62	cps
Titanium	47-1	1557454	1566492	1573544	1565830	0.52	cps
Uranium	238-1	4104958	4112308	4128384	4115217	0.29	cps
Vanadium	51-2	747603	747514	737927	744348	0.75	cps
Yttrium	89-1	19073209	19723382	19637471	19478021	1.81	cps
Yttrium	89-2	4977424	4922780	5016060	4972088	0.94	cps
Zinc	66-2	1216602	1221670	1236533	1224935	0.85	cps
Zirconium	90-1	2590186	2580769	2572554	2581170	0.34	cps
Zirconium	91-1	561757	560856	555199	559271	0.64	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40020497	40399337	39928458	40116097	0.62	cps
Antimony	121-1	2417	2275	2142	2278	6.04	cps
Arsenic	75-2	6746	6672	6348	6589	3.22	cps
Barium	135-1	3270079	3257268	3232263	3253203	0.59	cps
Barium	137-1	5643391	5591965	5628947	5621434	0.47	cps
Beryllium	9-1	25778	25401	25434	25538	0.82	cps
Bismuth	209-1	10747754	10514909	10380609	10547757	1.76	cps
Bismuth	209-2	7962546	7822689	7667723	7817653	1.89	cps
Boron	10-1	6226	5626	5918	5924	5.07	cps
Boron	11-1	27500	26699	26775	26991	1.64	cps
Bromine	81-1	15434	15125	15592	15383	1.54	cps
Bromine	81-2	961	1321	1241	1175	16.11	cps
Cadmium	111-1	7486	6799	6927	7071	5.17	cps
Cadmium	106-1	10579	9587	9720	9962	5.41	cps
Cadmium	108-1	825	683	700	736	10.52	cps
Calcium	43-1	447642	441986	436369	441999	1.28	cps
Calcium	44-1	6839350	6859385	6748714	6815817	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	812121	803403	787302	800942	1.57	cps
Cobalt	59-2	468819	460122	454478	461140	1.57	cps
Copper	63-2	16180762	16263056	15901769	16115196	1.18	cps
Dysprosium	156-1	444180	436398	437067	439215	0.98	cps
Dysprosium	156-2	289146	291773	287339	289419	0.77	cps
Erbium	164-1	369993	362870	354524	362462	2.14	cps
Erbium	164-2	236984	233698	230462	233715	1.40	cps
Gadolinium	160-1	402211	391757	390760	394910	1.61	cps
Gadolinium	160-2	278989	273322	270836	274382	1.52	cps
Holmium	165-1	17372893	16827043	16522893	16907610	2.55	cps
Holmium	165-2	11018567	10945841	10674232	10879546	1.67	cps
Indium	115-1	13665410	13090490	13145600	13300500	2.39	cps
Indium	115-2	4667619	4591030	4525024	4594558	1.55	cps
Iron	56-2	536478990	527722190	520138812	528113330	1.55	cps
Iron	57-2	13193947	12996015	12889048	13026337	1.19	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	29409104	29134066	28508065	29017078	1.59	cps
Krypton	83-1	5835	5948	6195	5992	3.07	cps
Lead	206-1	445243	444124	437110	442159	1.00	cps
Lead	207-1	338165	335348	328272	333928	1.53	cps
Lead	208-1	1651500	1642332	1623491	1639108	0.87	cps
Lithium	6-1	3556662	3492239	3417284	3488728	2.00	cps
Magnesium	24-2	24831223	24974262	24310506	24705330	1.41	cps
Manganese	55-2	9626740	9360582	9246269	9411197	2.07	cps
Molybdenum	94-1	245845	243760	234699	241434	2.45	cps
Molybdenum	95-1	19931	19697	19305	19644	1.61	cps
Molybdenum	96-1	61639	70167	62870	64892	7.10	cps
Molybdenum	97-1	12539	11613	12556	12236	4.41	cps
Molybdenum	98-1	32328	31109	31109	31515	2.23	cps
Neodymium	150-1	727855	726973	723450	726093	0.32	cps
Neodymium	150-2	416280	415179	410530	413996	0.74	cps
Nickel	60-2	212106	209026	207515	209549	1.12	cps
Phosphorus	31-2	27592	27851	26532	27325	2.56	cps
Potassium	39-2	10425082	10358261	10051045	10278129	1.94	cps
Rhodium	103-1	13330884	12956947	12882013	13056615	1.84	cps
Rhodium	103-2	8093140	7889197	7861160	7947832	1.59	cps
Scandium	45-1	10897342	10714894	10442167	10684801	2.14	cps
Scandium	45-2	899905	900039	884402	894782	1.00	cps
Selenium	82-1	714	887	704	768	13.38	cps
Selenium	77-2	1697	1753	1690	1713	2.03	cps
Selenium	78-2	1482	1435	1363	1427	4.19	cps
Silicon	28-1	90973696	89873623	86238127	89028482	2.78	cps
Silver	107-1	8936	9328	9145	9136	2.15	cps
Silver	109-1	9328	8920	8353	8867	5.53	cps
Sodium	23-2	662447	663929	647541	657973	1.38	cps
Strontium	86-1	245254	240260	236827	240780	1.76	cps
Strontium	88-1	2060590	2091762	2016968	2056440	1.83	cps
Sulfur	34-1	363705	356432	350895	357011	1.80	cps
Terbium	159-1	17479453	17291739	17205328	17325506	0.81	cps
Terbium	159-2	11072496	11159716	10983493	11071902	0.80	cps
Thallium	203-1	11655	11322	12006	11661	2.93	cps
Thallium	205-1	27361	27879	27303	27514	1.15	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01	Instrumnet Name :	P7
Client Sample ID :	SB-6075	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:40:20	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2441447	2433672	2388991	2421370	1.17	cps
Tin	118-1	53445	49932	49695	51024	4.12	cps
Titanium	47-1	2890531	2837243	2785853	2837876	1.84	cps
Uranium	238-1	581897	567670	565794	571787	1.54	cps
Vanadium	51-2	811538	807335	792040	803638	1.28	cps
Yttrium	89-1	26795905	26725220	25991371	26504165	1.68	cps
Yttrium	89-2	6611292	6465308	6492043	6522881	1.19	cps
Zinc	66-2	422148	421684	417616	420483	0.59	cps
Zirconium	90-1	637450	625165	621311	627975	1.34	cps
Zirconium	91-1	140982	145913	138732	141876	2.59	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29786335	29939490	29679937	29801921	0.44	cps
Antimony	121-1	2467	2400	2625	2498	4.63	cps
Arsenic	75-2	25147	25904	25561	25537	1.48	cps
Barium	135-1	2909666	2869364	2882103	2887044	0.71	cps
Barium	137-1	5075626	4939659	4945665	4986983	1.54	cps
Beryllium	9-1	59995	58911	57814	58907	1.85	cps
Bismuth	209-1	10600301	10360900	10325020	10428740	1.44	cps
Bismuth	209-2	7643831	7856800	7697776	7732802	1.43	cps
Boron	10-1	3784	3642	3459	3628	4.49	cps
Boron	11-1	17844	18478	19162	18495	3.56	cps
Bromine	81-1	16001	16009	16093	16034	0.32	cps
Bromine	81-2	1281	1341	1171	1265	6.83	cps
Cadmium	111-1	7576	7215	7684	7492	3.28	cps
Cadmium	106-1	10379	10179	10604	10387	2.05	cps
Cadmium	108-1	646	854	704	735	14.63	cps
Calcium	43-1	259366	258560	259287	259071	0.17	cps
Calcium	44-1	4039278	4025296	3993448	4019341	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011816	1010479	1011872	1011389	0.08	cps
Cobalt	59-2	959578	954809	950560	954982	0.47	cps
Copper	63-2	35151962	35746432	35379731	35426042	0.85	cps
Dysprosium	156-1	394903	392798	382059	389920	1.77	cps
Dysprosium	156-2	254752	257003	256231	255996	0.45	cps
Erbium	164-1	339915	334960	328062	334313	1.78	cps
Erbium	164-2	213502	217754	217812	216356	1.14	cps
Gadolinium	160-1	347634	351329	343100	347354	1.19	cps
Gadolinium	160-2	240528	242600	238413	240514	0.87	cps
Holmium	165-1	16983856	16681421	16265829	16643702	2.17	cps
Holmium	165-2	10686489	10835828	10762627	10761648	0.69	cps
Indium	115-1	13571047	13360506	13076680	13336077	1.86	cps
Indium	115-2	4525552	4551415	4493222	4523396	0.64	cps
Iron	56-2	1141371248	1147674670	1149846670	1146297529	0.38	cps
Iron	57-2	28624645	28285856	28285546	28398682	0.69	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	63255607	62909378	63605687	63256891	0.55	cps
Krypton	83-1	5988	6185	5791	5988	3.29	cps
Lead	206-1	787924	781752	767284	778987	1.36	cps
Lead	207-1	604907	597822	593531	598753	0.96	cps
Lead	208-1	2932430	2914323	2881288	2909347	0.89	cps
Lithium	6-1	3394538	3408980	3321640	3375053	1.39	cps
Magnesium	24-2	14001581	14065029	13953577	14006729	0.40	cps
Manganese	55-2	21411485	21299137	21473873	21394832	0.41	cps
Molybdenum	94-1	252391	247038	244291	247907	1.66	cps
Molybdenum	95-1	14466	13924	13932	14107	2.20	cps
Molybdenum	96-1	61170	61891	59455	60839	2.06	cps
Molybdenum	97-1	8519	8820	8619	8653	1.77	cps
Molybdenum	98-1	23269	22585	22534	22796	1.80	cps
Neodymium	150-1	625805	616433	617372	619870	0.83	cps
Neodymium	150-2	348491	351153	350274	349973	0.39	cps
Nickel	60-2	149467	150490	148634	149530	0.62	cps
Phosphorus	31-2	143442	144597	141215	143085	1.20	cps
Potassium	39-2	6976954	7064073	6827161	6956063	1.72	cps
Rhodium	103-1	13254791	13033689	12792007	13026829	1.78	cps
Rhodium	103-2	7826438	7803209	7828456	7819368	0.18	cps
Scandium	45-1	10616824	10549543	10545255	10570541	0.38	cps
Scandium	45-2	884751	892350	882835	886646	0.57	cps
Selenium	82-1	744	479	991	738	34.71	cps
Selenium	77-2	1260	1360	1363	1328	4.42	cps
Selenium	78-2	1228	1274	1335	1279	4.21	cps
Silicon	28-1	57162251	65453214	57501458	60038974	7.81	cps
Silver	107-1	10696	11805	11438	11313	5.00	cps
Silver	109-1	10229	10796	10679	10568	2.83	cps
Sodium	23-2	1134093	1152076	1154428	1146866	0.97	cps
Strontium	86-1	176423	170294	172047	172921	1.83	cps
Strontium	88-1	1481079	1465909	1436982	1461323	1.53	cps
Sulfur	34-1	335890	339647	337414	337650	0.56	cps
Terbium	159-1	17280266	17450123	16757515	17162635	2.10	cps
Terbium	159-2	10935593	10940550	10768835	10881659	0.90	cps
Thallium	203-1	8845	8778	8945	8856	0.95	cps
Thallium	205-1	21184	20466	20933	20861	1.75	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-02	Instrumnet Name :	P7
Client Sample ID :	SB-5115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:43:07	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2311310	2301236	2266477	2293008	1.03	cps
Tin	118-1	46409	45573	48306	46763	2.99	cps
Titanium	47-1	2626408	2495093	2515047	2545516	2.78	cps
Uranium	238-1	1571894	1436607	1406918	1471807	5.98	cps
Vanadium	51-2	2074357	2084980	2062196	2073844	0.55	cps
Yttrium	89-1	26491010	26034915	25655225	26060383	1.61	cps
Yttrium	89-2	6230852	6253349	6327801	6270667	0.81	cps
Zinc	66-2	236731	240945	240975	239550	1.02	cps
Zirconium	90-1	667040	661036	652904	660327	1.07	cps
Zirconium	91-1	150686	158350	146014	151683	4.11	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28897727	27876885	28126219	28300277	1.88	cps
Antimony	121-1	2159	2284	2325	2256	3.85	cps
Arsenic	75-2	4217	4245	4449	4304	2.94	cps
Barium	135-1	4048372	3959711	3953070	3987051	1.33	cps
Barium	137-1	7017792	6836388	6822507	6892229	1.58	cps
Beryllium	9-1	18074	17583	17623	17760	1.53	cps
Bismuth	209-1	10504191	10347060	10366332	10405861	0.82	cps
Bismuth	209-2	7844729	7895989	7732969	7824563	1.07	cps
Boron	10-1	4067	4001	3951	4006	1.46	cps
Boron	11-1	19480	20833	22793	21035	7.92	cps
Bromine	81-1	14991	14991	15442	15141	1.72	cps
Bromine	81-2	721	811	891	808	10.54	cps
Cadmium	111-1	6136	6350	6631	6372	3.90	cps
Cadmium	106-1	8336	8786	9020	8714	3.99	cps
Cadmium	108-1	529	513	558	533	4.35	cps
Calcium	43-1	350266	352243	347030	349847	0.75	cps
Calcium	44-1	5339559	5463626	5415401	5406195	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	750311	741701	742197	744736	0.65	cps
Cobalt	59-2	418201	417952	414526	416893	0.49	cps
Copper	63-2	25666527	26061599	25460192	25729439	1.19	cps
Dysprosium	156-1	302691	297393	294972	298352	1.32	cps
Dysprosium	156-2	196911	198674	195007	196864	0.93	cps
Erbium	164-1	192320	191820	192279	192140	0.14	cps
Erbium	164-2	123870	126104	126205	125393	1.05	cps
Gadolinium	160-1	256105	254689	253191	254662	0.57	cps
Gadolinium	160-2	178333	179402	176023	177919	0.97	cps
Holmium	165-1	16638682	16195791	16297015	16377163	1.42	cps
Holmium	165-2	10593728	10628919	10463319	10561989	0.83	cps
Indium	115-1	13185381	13076915	12936157	13066151	0.96	cps
Indium	115-2	4534183	4473331	4509217	4505577	0.68	cps
Iron	56-2	319607363	320936774	317144307	319229481	0.60	cps
Iron	57-2	7930497	8033947	7963457	7975967	0.66	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17669891	17771448	17594024	17678454	0.50	cps
Krypton	83-1	5338	5701	5488	5509	3.32	cps
Lead	206-1	885532	867100	870996	874543	1.11	cps
Lead	207-1	693393	692808	687140	691114	0.50	cps
Lead	208-1	3538310	3543501	3517863	3533225	0.38	cps
Lithium	6-1	3311944	3366157	3295776	3324626	1.11	cps
Magnesium	24-2	15821587	15685253	15575102	15693981	0.79	cps
Manganese	55-2	5195010	5140422	5162493	5165975	0.53	cps
Molybdenum	94-1	177469	179081	187630	181393	3.01	cps
Molybdenum	95-1	17928	17811	18120	17953	0.87	cps
Molybdenum	96-1	57442	48565	48933	51646	9.72	cps
Molybdenum	97-1	10454	11396	12114	11321	7.35	cps
Molybdenum	98-1	28996	28720	27852	28523	2.09	cps
Neodymium	150-1	570536	568428	554013	564325	1.59	cps
Neodymium	150-2	322845	325274	321329	323149	0.62	cps
Nickel	60-2	193944	196459	192175	194192	1.11	cps
Phosphorus	31-2	15375	15533	15550	15486	0.62	cps
Potassium	39-2	10144504	10495439	10297089	10312344	1.71	cps
Rhodium	103-1	12985124	12509322	12652103	12715516	1.92	cps
Rhodium	103-2	7901022	7824667	7763189	7829626	0.88	cps
Scandium	45-1	10243477	10082162	10119762	10148467	0.83	cps
Scandium	45-2	866896	865587	862584	865023	0.26	cps
Selenium	82-1	664	232	525	473	46.51	cps
Selenium	77-2	1107	1243	1277	1209	7.45	cps
Selenium	78-2	974	1054	1094	1041	5.88	cps
Silicon	28-1	75065200	86274023	72232729	77857317	9.54	cps
Silver	107-1	5610	6051	6402	6021	6.59	cps
Silver	109-1	5493	5893	5810	5732	3.68	cps
Sodium	23-2	3165547	3106890	3104177	3125538	1.11	cps
Strontium	86-1	200071	200942	199601	200205	0.34	cps
Strontium	88-1	1705654	1738529	1715333	1719839	0.98	cps
Sulfur	34-1	317576	318628	314999	317068	0.59	cps
Terbium	159-1	16982614	16655950	16691119	16776561	1.07	cps
Terbium	159-2	10902133	10998064	10519326	10806508	2.34	cps
Thallium	203-1	13883	13540	13615	13679	1.31	cps
Thallium	205-1	33408	33133	32748	33097	1.00	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-03	Instrumnet Name :	P7
Client Sample ID :	SB-4115	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:45:49	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2091732	2044236	2034753	2056907	1.48	cps
Tin	118-1	38784	35486	34810	36360	5.85	cps
Titanium	47-1	3493245	3578388	3712466	3594700	3.07	cps
Uranium	238-1	383043	382138	382458	382546	0.12	cps
Vanadium	51-2	621871	626120	618486	622159	0.61	cps
Yttrium	89-1	23712856	23205586	23345719	23421387	1.12	cps
Yttrium	89-2	5827623	5802289	5757247	5795720	0.62	cps
Zinc	66-2	236021	239500	238512	238011	0.75	cps
Zirconium	90-1	469134	476205	459638	468326	1.78	cps
Zirconium	91-1	105549	101709	104255	103838	1.88	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41766338	41186981	41287988	41413769	0.75	cps
Antimony	121-1	1483	1650	1567	1567	5.32	cps
Arsenic	75-2	20902	21645	21642	21396	2.00	cps
Barium	135-1	5807465	5758308	5696140	5753971	0.97	cps
Barium	137-1	10102748	9970573	9872114	9981812	1.16	cps
Beryllium	9-1	62830	61183	59647	61220	2.60	cps
Bismuth	209-1	10555347	10278360	10278776	10370827	1.54	cps
Bismuth	209-2	7790098	7754634	7657734	7734155	0.89	cps
Boron	10-1	6118	6468	6401	6329	2.94	cps
Boron	11-1	29779	31241	32994	31338	5.14	cps
Bromine	81-1	15759	15767	15592	15706	0.63	cps
Bromine	81-2	1221	1552	1582	1452	13.78	cps
Cadmium	111-1	13568	13251	13101	13307	1.80	cps
Cadmium	106-1	13407	13073	13023	13167	1.58	cps
Cadmium	108-1	1429	1454	1446	1443	0.88	cps
Calcium	43-1	806859	789007	770782	788882	2.29	cps
Calcium	44-1	12226016	12054776	11893273	12058022	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	980728	978828	975604	978387	0.26	cps
Cobalt	59-2	1215109	1202426	1199404	1205646	0.69	cps
Copper	63-2	12602204	12666795	12438174	12569058	0.94	cps
Dysprosium	156-1	540873	528675	523071	530873	1.71	cps
Dysprosium	156-2	339137	339552	338195	338961	0.21	cps
Erbium	164-1	491878	489758	472589	484742	2.18	cps
Erbium	164-2	312018	311679	311125	311607	0.14	cps
Gadolinium	160-1	486392	477052	472858	478767	1.45	cps
Gadolinium	160-2	329938	329275	326817	328677	0.50	cps
Holmium	165-1	16963630	16901885	16381541	16749019	1.91	cps
Holmium	165-2	10986293	10809083	10676614	10823997	1.44	cps
Indium	115-1	13517296	13147260	12918534	13194363	2.29	cps
Indium	115-2	4525939	4431360	4463921	4473740	1.07	cps
Iron	56-2	1464966522	1460363010	1444620388	1456649973	0.73	cps
Iron	57-2	36441561	36206331	36094502	36247465	0.49	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	80547580	80448911	80178376	80391622	0.24	cps
Krypton	83-1	5831	5808	5915	5851	0.96	cps
Lead	206-1	2969276	2913741	2904373	2929130	1.20	cps
Lead	207-1	2460182	2377858	2384245	2407428	1.90	cps
Lead	208-1	11526641	11320819	11304566	11384009	1.09	cps
Lithium	6-1	3377342	3393660	3301048	3357350	1.47	cps
Magnesium	24-2	37610319	37144336	37453623	37402759	0.63	cps
Manganese	55-2	48942541	49401829	48920633	49088334	0.55	cps
Molybdenum	94-1	404518	391337	397639	397832	1.66	cps
Molybdenum	95-1	6468	6685	6635	6596	1.72	cps
Molybdenum	96-1	81511	81076	78872	80486	1.76	cps
Molybdenum	97-1	3767	3859	3992	3873	2.92	cps
Molybdenum	98-1	9245	9829	9687	9587	3.18	cps
Neodymium	150-1	738313	735499	723874	732562	1.04	cps
Neodymium	150-2	414817	416215	413136	414723	0.37	cps
Nickel	60-2	551052	551498	546204	549585	0.53	cps
Phosphorus	31-2	53561	52599	53703	53288	1.13	cps
Potassium	39-2	30369015	30475436	30480075	30441509	0.21	cps
Rhodium	103-1	12966790	12598521	12385015	12650109	2.33	cps
Rhodium	103-2	7814683	7707992	7582896	7701857	1.51	cps
Scandium	45-1	11080645	10789561	10796007	10888738	1.53	cps
Scandium	45-2	931396	916502	921722	923207	0.82	cps
Selenium	82-1	1140	1138	835	1038	16.90	cps
Selenium	77-2	1840	1713	1637	1730	5.94	cps
Selenium	78-2	1620	1513	1319	1484	10.31	cps
Silicon	28-1	51233156	53522096	48082599	50945950	5.36	cps
Silver	107-1	4826	5284	5618	5243	7.58	cps
Silver	109-1	3901	4167	4434	4167	6.40	cps
Sodium	23-2	2686200	2673682	2670919	2676934	0.30	cps
Strontium	86-1	404653	395503	391027	397061	1.75	cps
Strontium	88-1	3577900	3444330	3473852	3498694	2.01	cps
Sulfur	34-1	328927	333040	334111	332026	0.82	cps
Terbium	159-1	17437824	17094862	16937135	17156607	1.49	cps
Terbium	159-2	10913079	10766957	10849294	10843110	0.68	cps
Thallium	203-1	35087	34327	34227	34547	1.36	cps
Thallium	205-1	81662	81067	80195	80975	0.91	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-04	Instrumnet Name :	P7
Client Sample ID :	SB-2105	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:48:35	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3518686	3408027	3465196	3463970	1.60	cps
Tin	118-1	41569	54000	41180	45583	16.00	cps
Titanium	47-1	5486758	5341504	5217193	5348485	2.52	cps
Uranium	238-1	329996	326172	329016	328395	0.60	cps
Vanadium	51-2	1174564	1170706	1164304	1169858	0.44	cps
Yttrium	89-1	29300333	28046692	28017203	28454743	2.57	cps
Yttrium	89-2	6983614	6901990	6898159	6927921	0.70	cps
Zinc	66-2	501440	501806	502048	501764	0.06	cps
Zirconium	90-1	1110536	1084207	1077092	1090612	1.62	cps
Zirconium	91-1	247418	244905	238754	243692	1.83	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:51:17	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46350555	45827268	45745737	45974520	0.71	cps
Antimony	121-1	2117	2325	2584	2342	9.98	cps
Arsenic	75-2	17913	18044	17672	17876	1.06	cps
Barium	135-1	3293324	3218200	3123352	3211625	2.65	cps
Barium	137-1	5715067	5551046	5485522	5583878	2.12	cps
Beryllium	9-1	24543	23872	23752	24055	1.77	cps
Bismuth	209-1	10758118	10363252	10330161	10483844	2.27	cps
Bismuth	209-2	7755051	7763792	7739858	7752900	0.16	cps
Boron	10-1	4751	5018	5468	5079	7.13	cps
Boron	11-1	25522	27400	26548	26490	3.55	cps
Bromine	81-1	15050	14925	14307	14760	2.69	cps
Bromine	81-2	1001	1091	951	1014	7.00	cps
Cadmium	111-1	7598	8201	7966	7922	3.84	cps
Cadmium	106-1	10087	10979	10412	10493	4.30	cps
Cadmium	108-1	858	967	883	903	6.28	cps
Calcium	43-1	470001	467047	458929	465325	1.23	cps
Calcium	44-1	7243146	7192846	7109208	7181734	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	959421	966464	953860	959915	0.66	cps
Cobalt	59-2	767891	765146	758638	763891	0.62	cps
Copper	63-2	23720266	23379435	23448139	23515947	0.77	cps
Dysprosium	156-1	447872	446136	434664	442891	1.62	cps
Dysprosium	156-2	285843	294435	288787	289688	1.51	cps
Erbium	164-1	303142	300503	299391	301012	0.64	cps
Erbium	164-2	193156	195613	194372	194380	0.63	cps
Gadolinium	160-1	370294	366788	361306	366129	1.24	cps
Gadolinium	160-2	252376	250243	254212	252277	0.79	cps
Holmium	165-1	16799955	16432668	16528955	16587193	1.15	cps
Holmium	165-2	10715388	10819339	10662774	10732501	0.74	cps
Indium	115-1	13511450	13302426	13067258	13293711	1.67	cps
Indium	115-2	4467453	4531100	4469989	4489514	0.80	cps
Iron	56-2	957701088	953393199	935952776	949015688	1.21	cps
Iron	57-2	23630112	23890047	23558322	23692827	0.74	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	52934842	52836651	51814137	52528543	1.18	cps
Krypton	83-1	5691	5818	5618	5709	1.77	cps
Lead	206-1	565053	558110	560338	561167	0.63	cps
Lead	207-1	437571	426609	434920	433033	1.32	cps
Lead	208-1	2132018	2090152	2104922	2109031	1.01	cps
Lithium	6-1	3415977	3488350	3408027	3437451	1.29	cps
Magnesium	24-2	30921347	30523478	30784737	30743187	0.66	cps
Manganese	55-2	20646256	20596389	20103029	20448558	1.47	cps
Molybdenum	94-1	308194	324181	302086	311487	3.66	cps
Molybdenum	95-1	11755	11330	11155	11413	2.71	cps
Molybdenum	96-1	67916	68235	66627	67593	1.26	cps
Molybdenum	97-1	6902	6685	6368	6652	4.03	cps
Molybdenum	98-1	16902	17536	17486	17308	2.04	cps
Neodymium	150-1	828341	813434	801782	814519	1.63	cps
Neodymium	150-2	457388	460153	457438	458326	0.35	cps
Nickel	60-2	320598	317677	315275	317850	0.84	cps
Phosphorus	31-2	68311	66579	66595	67162	1.48	cps
Potassium	39-2	10877027	10756172	10731833	10788344	0.72	cps
Rhodium	103-1	12848010	12661753	12572273	12694012	1.11	cps
Rhodium	103-2	7783366	7800454	7722730	7768850	0.53	cps
Scandium	45-1	10992007	10832388	10642932	10822442	1.61	cps
Scandium	45-2	905858	907274	895762	902965	0.70	cps
Selenium	82-1	735	514	749	666	19.76	cps
Selenium	77-2	1653	1700	1587	1647	3.46	cps
Selenium	78-2	1437	1441	1395	1424	1.81	cps
Silicon	28-1	50737736	52279418	53707652	52241602	2.84	cps
Silver	107-1	8986	9845	9904	9578	5.36	cps
Silver	109-1	8069	8469	8486	8342	2.83	cps
Sodium	23-2	864434	873545	864984	867655	0.59	cps
Strontium	86-1	265342	262658	259713	262571	1.07	cps
Strontium	88-1	2271532	2273085	2254962	2266526	0.44	cps
Sulfur	34-1	331005	331056	335851	332637	0.84	cps
Terbium	159-1	17324186	17038381	16876843	17079803	1.33	cps
Terbium	159-2	10819438	10811233	10928402	10853024	0.60	cps
Thallium	203-1	12931	13465	13332	13243	2.10	cps
Thallium	205-1	30994	31863	30251	31036	2.60	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-08	Instrumnet Name :	P7
Client Sample ID :	DUP220414	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:51:17	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3011749	2997280	2872962	2960664	2.58	cps
Tin	118-1	43413	40349	39898	41220	4.64	cps
Titanium	47-1	3860399	3792628	3750140	3801056	1.46	cps
Uranium	238-1	813794	817173	806758	812575	0.65	cps
Vanadium	51-2	1141927	1148943	1128360	1139743	0.92	cps
Yttrium	89-1	25249777	25059908	24857648	25055778	0.78	cps
Yttrium	89-2	6176273	6168220	6017166	6120553	1.46	cps
Zinc	66-2	506623	504259	500494	503792	0.61	cps
Zirconium	90-1	845782	841472	886790	858015	2.92	cps
Zirconium	91-1	190035	185564	188678	188092	1.22	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34358119	34239931	33703190	34100413	1.02	cps
Antimony	121-1	1442	1308	1350	1367	4.99	cps
Arsenic	75-2	4395	4325	4382	4367	0.86	cps
Barium	135-1	4337598	4386193	4240663	4321485	1.71	cps
Barium	137-1	7603830	7605972	7481037	7563613	0.95	cps
Beryllium	9-1	22249	22049	21749	22016	1.14	cps
Bismuth	209-1	10711416	10381525	10250139	10447693	2.27	cps
Bismuth	209-2	7701356	7814240	7653925	7723174	1.07	cps
Boron	10-1	4076	4217	3817	4037	5.03	cps
Boron	11-1	21241	21140	21340	21240	0.47	cps
Bromine	81-1	14816	14391	14091	14432	2.53	cps
Bromine	81-2	771	581	641	664	14.64	cps
Cadmium	111-1	7167	7004	6776	6982	2.81	cps
Cadmium	106-1	9512	9503	9103	9373	2.49	cps
Cadmium	108-1	446	713	679	613	23.72	cps
Calcium	43-1	304501	304152	299588	302747	0.91	cps
Calcium	44-1	4735960	4728697	4666011	4710223	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	648880	643181	630231	640764	1.49	cps
Cobalt	59-2	619211	615770	616404	617129	0.30	cps
Copper	63-2	25902588	25608017	25752950	25754519	0.57	cps
Dysprosium	156-1	282517	282415	280008	281647	0.50	cps
Dysprosium	156-2	184652	183779	184380	184270	0.24	cps
Erbium	164-1	197543	194914	197068	196509	0.71	cps
Erbium	164-2	126141	127763	125502	126469	0.92	cps
Gadolinium	160-1	237811	233779	236831	236140	0.89	cps
Gadolinium	160-2	163288	160544	160651	161494	0.96	cps
Holmium	165-1	16889723	16421897	16322541	16544720	1.83	cps
Holmium	165-2	10609894	10567136	10572225	10583085	0.22	cps
Indium	115-1	13440270	13149380	12899964	13163205	2.05	cps
Indium	115-2	4529205	4505443	4550166	4528271	0.49	cps
Iron	56-2	675303637	663785437	661508770	666865948	1.11	cps
Iron	57-2	16685762	16549801	16606443	16614002	0.41	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	37086292	37004426	36502457	36864392	0.86	cps
Krypton	83-1	5651	5818	5765	5745	1.48	cps
Lead	206-1	209677	209578	206947	208734	0.74	cps
Lead	207-1	152981	153582	152109	152891	0.48	cps
Lead	208-1	769849	766019	759261	765043	0.70	cps
Lithium	6-1	3490493	3469740	3458040	3472757	0.47	cps
Magnesium	24-2	33739699	33548014	33190314	33492676	0.83	cps
Manganese	55-2	19096637	19190799	18788335	19025257	1.11	cps
Molybdenum	94-1	198256	197706	195028	196997	0.88	cps
Molybdenum	95-1	10662	10487	10412	10521	1.22	cps
Molybdenum	96-1	46901	46942	47118	46987	0.25	cps
Molybdenum	97-1	6835	6543	6143	6507	5.34	cps
Molybdenum	98-1	15517	15992	15142	15550	2.74	cps
Neodymium	150-1	541337	539326	526381	535681	1.52	cps
Neodymium	150-2	302780	300197	300321	301100	0.48	cps
Nickel	60-2	253638	252200	251334	252391	0.46	cps
Phosphorus	31-2	41440	42769	42736	42315	1.79	cps
Potassium	39-2	5723073	5821623	5754775	5766490	0.87	cps
Rhodium	103-1	13172031	12629329	12502234	12767865	2.79	cps
Rhodium	103-2	7827474	7788243	7746626	7787448	0.52	cps
Scandium	45-1	10394983	10147047	10217831	10253287	1.25	cps
Scandium	45-2	854467	856020	850208	853565	0.35	cps
Selenium	82-1	409	274	163	282	43.85	cps
Selenium	77-2	1167	1137	1187	1163	2.16	cps
Selenium	78-2	1024	1009	1017	1017	0.73	cps
Silicon	28-1	37652443	38311306	60612059	45525269	28.71	cps
Silver	107-1	4551	5201	5034	4929	6.85	cps
Silver	109-1	4217	4676	4701	4531	6.01	cps
Sodium	23-2	424021	423775	422714	423503	0.16	cps
Strontium	86-1	306155	306353	298899	303802	1.40	cps
Strontium	88-1	2665108	2638972	2599058	2634379	1.26	cps
Sulfur	34-1	330724	333209	329387	331107	0.59	cps
Terbium	159-1	17239802	17032354	16681130	16984428	1.66	cps
Terbium	159-2	10715508	10740913	10778730	10745051	0.30	cps
Thallium	203-1	5685	5593	5426	5568	2.35	cps
Thallium	205-1	13065	12398	12781	12748	2.63	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-01	Instrumnet Name :	P7
Client Sample ID :	SB-8085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:54:03	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3583547	3474925	3469790	3509421	1.83	cps
Tin	118-1	49478	49059	48049	48862	1.50	cps
Titanium	47-1	835853	835843	830066	833921	0.40	cps
Uranium	238-1	406179	409401	405148	406909	0.55	cps
Vanadium	51-2	754469	759428	749685	754527	0.65	cps
Yttrium	89-1	24159172	23720811	23257753	23712579	1.90	cps
Yttrium	89-2	5831144	5803218	5660266	5764876	1.59	cps
Zinc	66-2	366311	365242	366962	366172	0.24	cps
Zirconium	90-1	541542	534442	527123	534369	1.35	cps
Zirconium	91-1	119283	122165	119835	120428	1.27	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23163669	23140737	23050378	23118261	0.26	cps
Antimony	121-1	1817	1600	1608	1675	7.33	cps
Arsenic	75-2	7055	6944	7226	7075	2.00	cps
Barium	135-1	4119340	4124802	4055957	4100033	0.93	cps
Barium	137-1	7246049	7134398	7077710	7152719	1.20	cps
Beryllium	9-1	22653	22850	22720	22741	0.44	cps
Bismuth	209-1	10745027	10630416	10512828	10629424	1.09	cps
Bismuth	209-2	7961922	7858778	7878611	7899770	0.69	cps
Boron	10-1	3834	3817	4001	3884	2.61	cps
Boron	11-1	18862	19413	19004	19093	1.50	cps
Bromine	81-1	14916	15275	15016	15069	1.23	cps
Bromine	81-2	751	811	881	814	8.00	cps
Cadmium	111-1	6950	6676	7022	6882	2.65	cps
Cadmium	106-1	9428	9003	9528	9320	2.99	cps
Cadmium	108-1	542	538	617	565	7.88	cps
Calcium	43-1	430749	426651	417778	425060	1.56	cps
Calcium	44-1	6550428	6602391	6476076	6542965	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	836889	831147	831700	833246	0.38	cps
Cobalt	59-2	436126	432941	433982	434350	0.37	cps
Copper	63-2	18879043	18442293	18812378	18711238	1.26	cps
Dysprosium	156-1	354192	349840	347269	350433	1.00	cps
Dysprosium	156-2	226054	223970	225990	225338	0.53	cps
Erbium	164-1	235082	231855	230470	232469	1.02	cps
Erbium	164-2	150823	147128	148816	148922	1.24	cps
Gadolinium	160-1	285328	284975	280686	283663	0.91	cps
Gadolinium	160-2	194995	193334	193625	193985	0.46	cps
Holmium	165-1	16730394	16532978	16300409	16521260	1.30	cps
Holmium	165-2	10869284	10624572	10630634	10708163	1.30	cps
Indium	115-1	13548163	13387656	13198877	13378232	1.31	cps
Indium	115-2	4606103	4582446	4456937	4548496	1.76	cps
Iron	56-2	449683688	448713243	450896466	449764466	0.24	cps
Iron	57-2	11228221	11108074	11051028	11129108	0.81	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	24734236	24591700	24788996	24704977	0.41	cps
Krypton	83-1	5865	5604	5521	5663	3.16	cps
Lead	206-1	211644	211590	207887	210374	1.02	cps
Lead	207-1	159490	159284	154829	157868	1.67	cps
Lead	208-1	800477	788647	779619	789581	1.32	cps
Lithium	6-1	3426466	3435380	3314397	3392081	1.99	cps
Magnesium	24-2	20437693	20268971	20201684	20302782	0.60	cps
Manganese	55-2	11829690	11757737	11837676	11808368	0.37	cps
Molybdenum	94-1	200796	193535	190765	195032	2.66	cps
Molybdenum	95-1	30925	29814	30959	30566	2.13	cps
Molybdenum	96-1	65321	64184	62928	64144	1.87	cps
Molybdenum	97-1	19196	18721	18345	18754	2.27	cps
Molybdenum	98-1	48105	47687	46566	47453	1.68	cps
Neodymium	150-1	660473	658115	655858	658148	0.35	cps
Neodymium	150-2	373999	370013	367274	370429	0.91	cps
Nickel	60-2	163649	163689	163163	163500	0.18	cps
Phosphorus	31-2	66712	65416	65474	65867	1.11	cps
Potassium	39-2	4030951	4062520	4027043	4040171	0.48	cps
Rhodium	103-1	13337288	13279881	12869046	13162072	1.94	cps
Rhodium	103-2	7890267	7875073	7807279	7857540	0.56	cps
Scandium	45-1	10400686	10180708	10046146	10209180	1.75	cps
Scandium	45-2	857919	854644	864401	858988	0.58	cps
Selenium	82-1	137	461	627	408	61.10	cps
Selenium	77-2	1393	1347	1457	1399	3.95	cps
Selenium	78-2	1178	1209	1132	1173	3.34	cps
Silicon	28-1	29755259	34305355	33821791	32627468	7.66	cps
Silver	107-1	5685	6910	6318	6304	9.72	cps
Silver	109-1	5518	5368	5826	5571	4.20	cps
Sodium	23-2	937719	985490	946611	956606	2.66	cps
Strontium	86-1	226357	221956	218227	222180	1.83	cps
Strontium	88-1	1949716	1925630	1905761	1927036	1.14	cps
Sulfur	34-1	339436	339672	338414	339174	0.20	cps
Terbium	159-1	17400852	17183903	16858234	17147663	1.59	cps
Terbium	159-2	10978348	10788569	10726211	10831043	1.21	cps
Thallium	203-1	5151	5126	5543	5273	4.43	cps
Thallium	205-1	12948	13040	12389	12792	2.75	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-02	Instrumnet Name :	P7
Client Sample ID :	SB-7085	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:56:48	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3714372	3649219	3640758	3668116	1.10	cps
Tin	118-1	45473	57337	46460	49757	13.23	cps
Titanium	47-1	1775855	1758252	1677833	1737313	3.01	cps
Uranium	238-1	838414	841994	830013	836807	0.73	cps
Vanadium	51-2	599046	602053	596685	599261	0.45	cps
Yttrium	89-1	24785610	24470442	23961119	24405724	1.70	cps
Yttrium	89-2	5924359	5961706	5868329	5918131	0.79	cps
Zinc	66-2	278216	271761	272962	274313	1.25	cps
Zirconium	90-1	490038	490609	477216	485954	1.56	cps
Zirconium	91-1	107761	109601	106704	108022	1.36	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51046991	50964237	50216968	50742732	0.90	cps
Antimony	121-1	1675	1767	1400	1614	11.82	cps
Arsenic	75-2	9068	9342	9168	9192	1.51	cps
Barium	135-1	4449358	4444368	4360480	4418069	1.13	cps
Barium	137-1	7656362	7654874	7532299	7614512	0.94	cps
Beryllium	9-1	65839	64821	64165	64942	1.30	cps
Bismuth	209-1	10821241	10357841	10316404	10498495	2.67	cps
Bismuth	209-2	7739400	7735092	7829682	7768058	0.69	cps
Boron	10-1	7177	7169	6952	7099	1.80	cps
Boron	11-1	35558	37271	35834	36221	2.54	cps
Bromine	81-1	15834	15417	15192	15481	2.11	cps
Bromine	81-2	1371	1552	1281	1402	9.82	cps
Cadmium	111-1	10877	10427	10614	10639	2.13	cps
Cadmium	106-1	12889	12481	12431	12600	2.00	cps
Cadmium	108-1	1404	1342	1333	1360	2.85	cps
Calcium	43-1	885586	873765	869673	876341	0.94	cps
Calcium	44-1	13535011	13419724	13400887	13451874	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1272185	1258400	1252800	1261128	0.79	cps
Cobalt	59-2	1107188	1108229	1109677	1108365	0.11	cps
Copper	63-2	8789258	8688704	8737787	8738583	0.58	cps
Dysprosium	156-1	597077	593051	587898	592675	0.78	cps
Dysprosium	156-2	389817	389854	392886	390852	0.45	cps
Erbium	164-1	522880	523599	515248	520576	0.89	cps
Erbium	164-2	336973	335428	339226	337209	0.57	cps
Gadolinium	160-1	554278	550088	535259	546541	1.83	cps
Gadolinium	160-2	380301	375997	378613	378303	0.57	cps
Holmium	165-1	17179804	16512409	16270251	16654155	2.83	cps
Holmium	165-2	10790287	10699147	10829824	10773086	0.62	cps
Indium	115-1	13294887	12789202	12612992	12899027	2.74	cps
Indium	115-2	4448624	4342568	4472700	4421297	1.57	cps
Iron	56-2	1273659762	1258534339	1249888072	1260694058	0.95	cps
Iron	57-2	31477744	31328091	30917960	31241265	0.93	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	70254104	69822750	68441211	69506022	1.36	cps
Krypton	83-1	5871	5978	6035	5961	1.39	cps
Lead	206-1	3382267	3369290	3276598	3342718	1.72	cps
Lead	207-1	2792118	2804188	2758608	2784971	0.85	cps
Lead	208-1	13201001	13051635	12861731	13038122	1.30	cps
Lithium	6-1	3411745	3425780	3347503	3395009	1.23	cps
Magnesium	24-2	41904687	42131719	41046841	41694416	1.37	cps
Manganese	55-2	14709634	14580339	14284822	14524932	1.50	cps
Molybdenum	94-1	445866	450784	438261	444971	1.42	cps
Molybdenum	95-1	5693	5676	5968	5779	2.84	cps
Molybdenum	96-1	87092	83254	83857	84735	2.44	cps
Molybdenum	97-1	3426	3617	3684	3576	3.75	cps
Molybdenum	98-1	8803	8970	8970	8914	1.08	cps
Neodymium	150-1	971083	960832	944224	958713	1.41	cps
Neodymium	150-2	544706	542504	540742	542651	0.37	cps
Nickel	60-2	634142	632668	629813	632208	0.35	cps
Phosphorus	31-2	18345	18879	18770	18664	1.51	cps
Potassium	39-2	38061905	37511941	36996178	37523341	1.42	cps
Rhodium	103-1	12762233	12521761	12238111	12507368	2.10	cps
Rhodium	103-2	7652831	7561281	7714642	7642918	1.01	cps
Scandium	45-1	11407144	11248561	11085816	11247174	1.43	cps
Scandium	45-2	952245	946605	946289	948380	0.35	cps
Selenium	82-1	1187	758	1018	988	21.88	cps
Selenium	77-2	2367	2247	2180	2265	4.18	cps
Selenium	78-2	1669	1720	1674	1688	1.69	cps
Silicon	28-1	32211898	24123014	25109274	27148062	16.26	cps
Silver	107-1	5493	5926	5893	5771	4.18	cps
Silver	109-1	4309	4726	4659	4565	4.90	cps
Sodium	23-2	2640480	2615222	2612200	2622634	0.59	cps
Strontium	86-1	533109	530587	530329	531342	0.29	cps
Strontium	88-1	4776883	4690810	4648037	4705244	1.39	cps
Sulfur	34-1	332401	332587	331704	332230	0.14	cps
Terbium	159-1	17266878	17085774	16834219	17062290	1.27	cps
Terbium	159-2	10916609	10849820	10895692	10887374	0.31	cps
Thallium	203-1	43855	42258	42316	42810	2.12	cps
Thallium	205-1	102165	100236	99521	100641	1.36	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-03	Instrumnet Name :	P7
Client Sample ID :	SB-9145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 18:59:35	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4278083	4222868	4218294	4239749	0.78	cps
Tin	118-1	35619	32320	33818	33919	4.87	cps
Titanium	47-1	5583580	5500795	5492242	5525539	0.91	cps
Uranium	238-1	529093	531492	518668	526417	1.30	cps
Vanadium	51-2	1355781	1366497	1333157	1351812	1.26	cps
Yttrium	89-1	28396323	27698369	27399422	27831371	1.84	cps
Yttrium	89-2	6828973	6690471	6838999	6786148	1.22	cps
Zinc	66-2	529340	519056	520645	523014	1.06	cps
Zirconium	90-1	1232239	1234088	1209531	1225286	1.12	cps
Zirconium	91-1	271745	278168	271081	273665	1.43	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37789745	37747997	37680237	37739326	0.15	cps
Antimony	121-1	933	1067	925	975	8.15	cps
Arsenic	75-2	17835	17820	17857	17837	0.10	cps
Barium	135-1	6869650	6703488	6545275	6706138	2.42	cps
Barium	137-1	11855562	11530462	11443361	11609795	1.87	cps
Beryllium	9-1	65153	65149	64419	64907	0.65	cps
Bismuth	209-1	10801324	10533848	10492474	10609215	1.58	cps
Bismuth	209-2	7744353	7811742	7757236	7771110	0.46	cps
Boron	10-1	4326	3951	4159	4145	4.53	cps
Boron	11-1	21282	22242	22926	22150	3.73	cps
Bromine	81-1	15525	15208	15425	15386	1.05	cps
Bromine	81-2	1382	1351	1622	1452	10.21	cps
Cadmium	111-1	10237	9785	9716	9913	2.86	cps
Cadmium	106-1	12105	11889	11722	11905	1.62	cps
Cadmium	108-1	1058	1292	1258	1203	10.49	cps
Calcium	43-1	740090	737895	726211	734732	1.02	cps
Calcium	44-1	11514048	11347145	11289009	11383401	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	879234	885873	878241	881116	0.47	cps
Cobalt	59-2	907093	900162	905345	904200	0.40	cps
Copper	63-2	509324	508253	502320	506632	0.74	cps
Dysprosium	156-1	547105	529529	517284	531306	2.82	cps
Dysprosium	156-2	339810	341779	341123	340904	0.29	cps
Erbium	164-1	502605	494102	482709	493138	2.02	cps
Erbium	164-2	319167	317567	315300	317345	0.61	cps
Gadolinium	160-1	496330	486925	481348	488201	1.55	cps
Gadolinium	160-2	339176	331267	337243	335895	1.23	cps
Holmium	165-1	17137465	16522759	16190168	16616797	2.89	cps
Holmium	165-2	10707153	10813163	10565610	10695309	1.16	cps
Indium	115-1	13169626	12792758	12974873	12979086	1.45	cps
Indium	115-2	4464944	4430316	4418572	4437944	0.54	cps
Iron	56-2	1408005631	1399132120	1414435143	1407190965	0.55	cps
Iron	57-2	35379488	35044650	34792397	35072179	0.84	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	78566429	77940195	77872054	78126226	0.49	cps
Krypton	83-1	6258	6191	6045	6165	1.77	cps
Lead	206-1	3882189	3855160	3785825	3841058	1.29	cps
Lead	207-1	3243791	3248964	3137430	3210062	1.96	cps
Lead	208-1	15244079	14969972	14759205	14991085	1.62	cps
Lithium	6-1	3496032	3381124	3365857	3414338	2.08	cps
Magnesium	24-2	30721722	30697997	30897226	30772315	0.35	cps
Manganese	55-2	16502800	16379092	16407895	16429929	0.39	cps
Molybdenum	94-1	382653	376831	382970	380818	0.91	cps
Molybdenum	95-1	4009	3434	3576	3673	8.16	cps
Molybdenum	96-1	74071	74255	71333	73220	2.24	cps
Molybdenum	97-1	2642	2500	2225	2456	8.63	cps
Molybdenum	98-1	5801	5843	5793	5812	0.46	cps
Neodymium	150-1	845614	829039	814489	829714	1.88	cps
Neodymium	150-2	470525	460125	464811	465154	1.12	cps
Nickel	60-2	465653	466346	467376	466458	0.19	cps
Phosphorus	31-2	99472	97761	101284	99506	1.77	cps
Potassium	39-2	26135049	25880591	25890016	25968552	0.56	cps
Rhodium	103-1	12839255	12521954	12517287	12626166	1.46	cps
Rhodium	103-2	7672586	7698623	7672534	7681248	0.20	cps
Scandium	45-1	11269092	11012467	10939511	11073690	1.56	cps
Scandium	45-2	911394	916341	911862	913199	0.30	cps
Selenium	82-1	567	875	822	755	21.81	cps
Selenium	77-2	1870	1880	1923	1891	1.50	cps
Selenium	78-2	1463	1532	1493	1496	2.30	cps
Silicon	28-1	45055491	45653956	40065317	43591588	7.04	cps
Silver	107-1	1292	1292	1150	1245	6.57	cps
Silver	109-1	533	558	608	567	6.74	cps
Sodium	23-2	2692712	2696992	2683955	2691220	0.25	cps
Strontium	86-1	472105	465731	455338	464391	1.82	cps
Strontium	88-1	4179787	4108797	4046382	4111656	1.62	cps
Sulfur	34-1	365899	361647	359059	362202	0.95	cps
Terbium	159-1	17425788	16894343	16738625	17019585	2.12	cps
Terbium	159-2	10849294	10658613	10707659	10738522	0.92	cps
Thallium	203-1	28714	28222	28656	28531	0.94	cps
Thallium	205-1	66480	66856	64211	65849	2.17	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-04	Instrumnet Name :	P7
Client Sample ID :	SB-3145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:02:16	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3625811	3543175	3512969	3560652	1.64	cps
Tin	118-1	22927	22711	23003	22880	0.66	cps
Titanium	47-1	3818497	3763242	3728191	3769977	1.21	cps
Uranium	238-1	589573	585183	579288	584681	0.88	cps
Vanadium	51-2	1555546	1513088	1509996	1526210	1.67	cps
Yttrium	89-1	28652770	27875620	26989770	27839386	2.99	cps
Yttrium	89-2	6732547	6687961	6814122	6744876	0.95	cps
Zinc	66-2	459954	453841	452032	455276	0.91	cps
Zirconium	90-1	1063187	1049557	1029728	1047490	1.61	cps
Zirconium	91-1	235966	235146	234089	235067	0.40	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19842995	19892555	20212070	19982540	1.00	cps
Antimony	121-1	6201176	6295630	6310216	6269008	0.94	cps
Arsenic	75-2	392058	391050	393794	392301	0.35	cps
Barium	135-1	7319920	7454218	7506115	7426751	1.29	cps
Barium	137-1	12661237	12967031	12822046	12816771	1.19	cps
Beryllium	9-1	1233142	1269186	1281994	1261441	2.01	cps
Bismuth	209-1	8292229	8631402	8597791	8507141	2.20	cps
Bismuth	209-2	6476049	6540317	6450346	6488904	0.71	cps
Boron	10-1	221299	232364	243125	232263	4.70	cps
Boron	11-1	1147785	1177748	1206493	1177342	2.49	cps
Bromine	81-1	14307	14074	13999	14127	1.14	cps
Bromine	81-2	150	80	110	113	30.99	cps
Cadmium	111-1	1732554	1747328	1754369	1744750	0.64	cps
Cadmium	106-1	189080	190288	191060	190143	0.52	cps
Cadmium	108-1	131263	131995	132727	131995	0.55	cps
Calcium	43-1	10913829	10892637	11069318	10958595	0.88	cps
Calcium	44-1	172793362	172620929	172856283	172756858	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3700752	3711393	3722911	3711685	0.30	cps
Cobalt	59-2	5590844	5634650	5566917	5597470	0.61	cps
Copper	63-2	39575307	39798262	40731195	40034921	1.53	cps
Dysprosium	156-1	892	908	942	914	2.79	cps
Dysprosium	156-2	680	757	690	709	5.88	cps
Erbium	164-1	258	142	200	200	29.17	cps
Erbium	164-2	133	147	167	149	11.27	cps
Gadolinium	160-1	825	767	858	817	5.68	cps
Gadolinium	160-2	663	770	713	716	7.46	cps
Holmium	165-1	13440444	13586543	13780166	13602384	1.25	cps
Holmium	165-2	9386640	9332406	9324209	9347752	0.36	cps
Indium	115-1	10721687	10920207	11026685	10889526	1.42	cps
Indium	115-2	3822500	3828948	3811948	3821132	0.22	cps
Iron	56-2	802269573	800766129	804962351	802666018	0.26	cps
Iron	57-2	19968214	20072826	20225531	20088857	0.64	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	44659747	44814802	45088498	44854349	0.48	cps
Krypton	83-1	4948	5371	5261	5193	4.23	cps
Lead	206-1	24673159	25079630	25367307	25040032	1.39	cps
Lead	207-1	21577954	21768500	22022454	21789636	1.02	cps
Lead	208-1	99546297	101005121	102071825	100874414	1.26	cps
Lithium	6-1	2832749	2843624	2919104	2865159	1.64	cps
Magnesium	24-2	182921893	184920910	183710376	183851060	0.55	cps
Manganese	55-2	26230790	26225375	26356387	26270850	0.28	cps
Molybdenum	94-1	24324769	24165963	24510213	24333648	0.71	cps
Molybdenum	95-1	34204564	34005343	34800337	34336748	1.20	cps
Molybdenum	96-1	37736939	37985435	38216263	37979546	0.63	cps
Molybdenum	97-1	21285672	21523402	21563665	21457580	0.70	cps
Molybdenum	98-1	54754634	54628147	55146957	54843246	0.49	cps
Neodymium	150-1	460	473	500	478	4.26	cps
Neodymium	150-2	123	137	133	131	5.29	cps
Nickel	60-2	1374831	1378899	1372416	1375382	0.24	cps
Phosphorus	31-2	211275	211531	211944	211583	0.16	cps
Potassium	39-2	96249565	96797290	97962090	97002981	0.90	cps
Rhodium	103-1	10340286	10556388	10684747	10527140	1.65	cps
Rhodium	103-2	6555531	6580059	6491966	6542519	0.69	cps
Scandium	45-1	8277859	8486360	8634166	8466128	2.11	cps
Scandium	45-2	740164	751703	748616	746828	0.80	cps
Selenium	82-1	121910	123273	123596	122926	0.73	cps
Selenium	77-2	12272	12432	12315	12340	0.67	cps
Selenium	78-2	40980	40934	41922	41279	1.35	cps
Silicon	28-1	30374167	30907351	31168902	30816807	1.31	cps
Silver	107-1	8103204	8214655	8194985	8170948	0.73	cps
Silver	109-1	7821232	7844782	7826328	7830781	0.16	cps
Sodium	23-2	305164340	304136729	308080618	305793896	0.67	cps
Strontium	86-1	2283328	2343084	2325175	2317196	1.32	cps
Strontium	88-1	19533985	19880163	20024489	19812879	1.27	cps
Sulfur	34-1	1343336	1356939	1357945	1352740	0.60	cps
Terbium	159-1	13876222	14125693	14125862	14042592	1.03	cps
Terbium	159-2	9326592	9516202	9351453	9398082	1.10	cps
Thallium	203-1	6026150	6152435	6188282	6122289	1.39	cps
Thallium	205-1	14274918	14673985	14481293	14476732	1.38	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:20:26	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22003750	22449943	22348430	22267374	1.05	cps
Tin	118-1	5192184	5208513	5275123	5225273	0.84	cps
Titanium	47-1	10364843	10457744	10600403	10474330	1.13	cps
Uranium	238-1	20247682	20590291	20544855	20460943	0.91	cps
Vanadium	51-2	3282092	3232773	3194575	3236480	1.36	cps
Yttrium	89-1	17180205	17911757	18156141	17749368	2.86	cps
Yttrium	89-2	4557159	4644277	4576656	4592697	1.00	cps
Zinc	66-2	6298419	6293326	6416954	6336233	1.10	cps
Zirconium	90-1	12224117	12505261	12452302	12393893	1.21	cps
Zirconium	91-1	2743365	2746419	2760174	2749986	0.33	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	611	561	594	589	4.32	cps
Antimony	121-1	1375	1200	1033	1203	14.21	cps
Arsenic	75-2	26	19	24	23	16.88	cps
Barium	135-1	183	158	150	164	10.58	cps
Barium	137-1	450	292	433	392	22.21	cps
Beryllium	9-1	77	70	67	71	7.16	cps
Bismuth	209-1	9040733	8965747	8975612	8994031	0.45	cps
Bismuth	209-2	6959637	6833100	7011459	6934732	1.32	cps
Boron	10-1	1833	1633	1583	1683	7.86	cps
Boron	11-1	8844	7944	8244	8344	5.50	cps
Bromine	81-1	13865	14149	13782	13932	1.38	cps
Bromine	81-2	90	70	100	87	17.63	cps
Cadmium	111-1	3990	4171	4290	4150	3.65	cps
Cadmium	106-1	5685	5951	6051	5896	3.22	cps
Cadmium	108-1	104	71	83	86	19.56	cps
Calcium	43-1	425	417	392	411	4.22	cps
Calcium	44-1	91225	89397	88525	89716	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3070	3064	3220	3118	2.84	cps
Cobalt	59-2	233	273	247	251	8.11	cps
Copper	63-2	2064	2030	1857	1983	5.60	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	142	42	100	94	53.18	cps
Erbium	164-2	80	67	57	68	17.27	cps
Gadolinium	160-1	100	108	117	108	7.69	cps
Gadolinium	160-2	287	243	213	248	14.88	cps
Holmium	165-1	13460518	13543194	13273300	13425670	1.03	cps
Holmium	165-2	9215207	8802569	8917423	8978400	2.37	cps
Indium	115-1	11244088	11367995	11146337	11252807	0.99	cps
Indium	115-2	4003548	4030792	3979628	4004656	0.64	cps
Iron	56-2	35453	34646	33320	34473	3.12	cps
Iron	57-2	1150	1133	1117	1133	1.47	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2913	3164	2743	2940	7.20	cps
Krypton	83-1	5328	5548	5241	5372	2.94	cps
Lead	206-1	1611	1395	1467	1491	7.40	cps
Lead	207-1	1200	1272	1217	1230	3.08	cps
Lead	208-1	5912	5778	5912	5867	1.31	cps
Lithium	6-1	2991713	2993642	2923411	2969589	1.35	cps
Magnesium	24-2	3128	2734	2861	2908	6.92	cps
Manganese	55-2	843	780	737	787	6.82	cps
Molybdenum	94-1	1008	983	817	936	11.13	cps
Molybdenum	95-1	725	592	675	664	10.15	cps
Molybdenum	96-1	1117	1158	908	1061	12.62	cps
Molybdenum	97-1	525	475	425	475	10.53	cps
Molybdenum	98-1	983	1258	1142	1128	12.24	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	277	283	373	311	17.35	cps
Phosphorus	31-2	658	675	692	675	2.47	cps
Potassium	39-2	93848	95281	94401	94510	0.76	cps
Rhodium	103-1	11272838	11225729	11313121	11270563	0.39	cps
Rhodium	103-2	7060687	7165869	7238733	7155097	1.25	cps
Scandium	45-1	8535507	8489821	8404238	8476522	0.79	cps
Scandium	45-2	741548	727189	739725	736154	1.06	cps
Selenium	82-1	59	-197	148	3	6120.41	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	387	363	337	362	6.90	cps
Silicon	28-1	694891	696015	681628	690845	1.16	cps
Silver	107-1	350	333	250	311	17.22	cps
Silver	109-1	283	292	283	286	1.68	cps
Sodium	23-2	57909	54931	55282	56041	2.90	cps
Strontium	86-1	8394	8561	8361	8439	1.27	cps
Strontium	88-1	833	858	858	850	1.70	cps
Sulfur	34-1	464346	458251	456711	459770	0.88	cps
Terbium	159-1	13948757	13966051	13938016	13950941	0.10	cps
Terbium	159-2	9115238	9000999	9180695	9098977	1.00	cps
Thallium	203-1	1050	983	1083	1039	4.90	cps
Thallium	205-1	2434	2509	2392	2445	2.42	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:30:56	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	328	378	417	374	11.91	cps
Tin	118-1	1375	1308	1158	1281	8.67	cps
Titanium	47-1	517	483	400	467	12.88	cps
Uranium	238-1	267	325	333	308	11.78	cps
Vanadium	51-2	123	117	117	119	3.24	cps
Yttrium	89-1	17848831	17915751	18018812	17927798	0.48	cps
Yttrium	89-2	4550736	4498374	4581759	4543623	0.93	cps
Zinc	66-2	723	853	860	812	9.49	cps
Zirconium	90-1	1508	1442	1425	1458	3.02	cps
Zirconium	91-1	233	358	342	311	21.82	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61182814	60583486	60861897	60876066	0.49	cps
Antimony	121-1	1642	1733	1650	1675	3.03	cps
Arsenic	75-2	19238	19363	19411	19337	0.46	cps
Barium	135-1	5568866	5609476	5470061	5549468	1.29	cps
Barium	137-1	9716477	9633424	9473087	9607663	1.29	cps
Beryllium	9-1	61967	60444	59266	60559	2.24	cps
Bismuth	209-1	10369017	10316238	10152489	10279248	1.10	cps
Bismuth	209-2	7522206	7408385	7437584	7456058	0.79	cps
Boron	10-1	5701	5935	6126	5921	3.60	cps
Boron	11-1	28485	28903	30439	29275	3.51	cps
Bromine	81-1	15901	16485	15926	16104	2.05	cps
Bromine	81-2	1972	1682	1772	1809	8.22	cps
Cadmium	111-1	11527	11878	10984	11463	3.93	cps
Cadmium	106-1	13165	13148	12389	12901	3.43	cps
Cadmium	108-1	1317	1275	1400	1331	4.78	cps
Calcium	43-1	1109577	1083491	1069364	1087477	1.88	cps
Calcium	44-1	17150511	16802097	16491171	16814593	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1660377	1670094	1711975	1680815	1.63	cps
Cobalt	59-2	1748946	1724837	1744019	1739267	0.73	cps
Copper	63-2	3386372	3404336	3393498	3394735	0.27	cps
Dysprosium	156-1	938479	930960	915176	928205	1.28	cps
Dysprosium	156-2	600876	600560	593586	598340	0.69	cps
Erbium	164-1	614355	600956	592629	602646	1.82	cps
Erbium	164-2	390562	390000	389056	389873	0.20	cps
Gadolinium	160-1	806774	793790	774375	791646	2.06	cps
Gadolinium	160-2	544446	542132	536443	541007	0.76	cps
Holmium	165-1	16307691	16331653	15572183	16070509	2.69	cps
Holmium	165-2	10449154	10353287	10336721	10379721	0.58	cps
Indium	115-1	12664077	12839697	12480288	12661354	1.42	cps
Indium	115-2	4410996	4339366	4290781	4347047	1.39	cps
Iron	56-2	1350150830	1328192385	1349504430	1342615882	0.93	cps
Iron	57-2	33137456	33348214	33601519	33362396	0.70	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	74027019	74366962	74839867	74411283	0.55	cps
Krypton	83-1	6248	6395	5985	6209	3.35	cps
Lead	206-1	3897170	3848155	3818404	3854576	1.03	cps
Lead	207-1	3245190	3190600	3144066	3193285	1.59	cps
Lead	208-1	15191166	14992316	14959729	15047737	0.83	cps
Lithium	6-1	3411241	3478386	3360210	3416612	1.73	cps
Magnesium	24-2	60157890	59257825	59395447	59603721	0.81	cps
Manganese	55-2	56953619	57196461	57252174	57134085	0.28	cps
Molybdenum	94-1	361841	356269	352100	356737	1.37	cps
Molybdenum	95-1	6443	7035	6235	6571	6.32	cps
Molybdenum	96-1	72346	72095	71350	71931	0.72	cps
Molybdenum	97-1	3884	3517	3659	3687	5.02	cps
Molybdenum	98-1	9645	9186	9228	9353	2.71	cps
Neodymium	150-1	1723383	1720256	1664458	1702699	1.95	cps
Neodymium	150-2	952661	944641	943035	946779	0.54	cps
Nickel	60-2	820830	825666	816678	821058	0.55	cps
Phosphorus	31-2	54899	53453	53068	53807	1.79	cps
Potassium	39-2	45663367	45692158	45345717	45567081	0.42	cps
Rhodium	103-1	12257866	12551798	11984235	12264633	2.31	cps
Rhodium	103-2	7493645	7412692	7360689	7422342	0.90	cps
Scandium	45-1	11849804	11655289	11640729	11715274	1.00	cps
Scandium	45-2	993615	988303	998276	993398	0.50	cps
Selenium	82-1	1048	800	1196	1014	19.75	cps
Selenium	77-2	3644	3580	3607	3610	0.88	cps
Selenium	78-2	2439	2545	2371	2451	3.58	cps
Silicon	28-1	36167583	40048614	34421925	36879374	7.81	cps
Silver	107-1	2575	2542	2600	2573	1.14	cps
Silver	109-1	1608	1934	1984	1842	11.06	cps
Sodium	23-2	5063549	4967324	5031766	5020880	0.98	cps
Strontium	86-1	494066	494165	475862	488031	2.16	cps
Strontium	88-1	4463368	4376980	4236223	4358857	2.63	cps
Sulfur	34-1	408821	399225	391442	399829	2.18	cps
Terbium	159-1	16659799	16870327	16425086	16651738	1.34	cps
Terbium	159-2	10690760	10584426	10527794	10600993	0.78	cps
Thallium	203-1	54242	53807	51490	53180	2.78	cps
Thallium	205-1	128958	125736	123499	126064	2.18	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-05	Instrumnet Name :	P7
Client Sample ID :	SB-10145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:33:48	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5376360	5268112	5202752	5282408	1.66	cps
Tin	118-1	32278	32028	32889	32399	1.37	cps
Titanium	47-1	8156296	7993558	7945642	8031832	1.37	cps
Uranium	238-1	600693	584560	588500	591251	1.42	cps
Vanadium	51-2	2037932	2008657	2038049	2028213	0.84	cps
Yttrium	89-1	28987696	29168648	27958110	28704818	2.27	cps
Yttrium	89-2	7147807	7054022	7037736	7079855	0.84	cps
Zinc	66-2	747603	739973	747915	745164	0.60	cps
Zirconium	90-1	993772	988424	973562	985253	1.06	cps
Zirconium	91-1	222528	217935	215780	218748	1.58	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38762937	38793790	38148613	38568447	0.94	cps
Antimony	121-1	1258	1442	1358	1353	6.79	cps
Arsenic	75-2	17788	17814	17918	17840	0.39	cps
Barium	135-1	8969522	8861119	8727729	8852790	1.37	cps
Barium	137-1	15520695	15351974	15041989	15304886	1.59	cps
Beryllium	9-1	43825	43902	42970	43565	1.19	cps
Bismuth	209-1	10400131	10182999	9968303	10183811	2.12	cps
Bismuth	209-2	7498792	7657817	7467720	7541443	1.35	cps
Boron	10-1	6618	7035	6860	6838	3.06	cps
Boron	11-1	33779	34422	35132	34445	1.97	cps
Bromine	81-1	14850	15800	15801	15484	3.55	cps
Bromine	81-2	1131	1181	1151	1155	2.18	cps
Cadmium	111-1	11980	11073	10826	11293	5.38	cps
Cadmium	106-1	13598	12831	12472	12967	4.44	cps
Cadmium	108-1	1479	1513	1442	1478	2.40	cps
Calcium	43-1	633140	619725	622148	625004	1.14	cps
Calcium	44-1	9788300	9591451	9592156	9657302	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	961683	959480	948175	956446	0.76	cps
Cobalt	59-2	853492	857266	846289	852349	0.65	cps
Copper	63-2	17100715	17311476	17185151	17199114	0.62	cps
Dysprosium	156-1	459532	455317	448633	454494	1.21	cps
Dysprosium	156-2	295900	295788	294392	295360	0.28	cps
Erbium	164-1	378624	375045	373136	375602	0.74	cps
Erbium	164-2	244730	247389	243589	245236	0.80	cps
Gadolinium	160-1	410901	403693	397866	404153	1.62	cps
Gadolinium	160-2	279270	282657	276558	279495	1.09	cps
Holmium	165-1	16031316	15937983	15458282	15809194	1.94	cps
Holmium	165-2	10352105	10443112	10143517	10312911	1.49	cps
Indium	115-1	12959338	12547188	12304153	12603559	2.63	cps
Indium	115-2	4376377	4329262	4333339	4346326	0.60	cps
Iron	56-2	1087251891	1095510869	1080568313	1087777024	0.69	cps
Iron	57-2	26947228	27012701	26507003	26822311	1.03	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	60222997	59606481	60146414	59991964	0.56	cps
Krypton	83-1	5905	5978	5965	5949	0.66	cps
Lead	206-1	3176901	3133287	3091910	3134032	1.36	cps
Lead	207-1	2702732	2623307	2546659	2624233	2.97	cps
Lead	208-1	12513620	12386341	12079322	12326428	1.81	cps
Lithium	6-1	3419780	3421237	3283220	3374746	2.35	cps
Magnesium	24-2	34301125	34338705	33813926	34151252	0.86	cps
Manganese	55-2	29653992	29370365	29424920	29483092	0.51	cps
Molybdenum	94-1	509418	501879	488982	500093	2.07	cps
Molybdenum	95-1	5793	5410	5626	5610	3.43	cps
Molybdenum	96-1	95487	94145	92409	94013	1.64	cps
Molybdenum	97-1	3375	3234	3492	3367	3.84	cps
Molybdenum	98-1	8828	8111	8478	8472	4.23	cps
Neodymium	150-1	740405	727641	724954	731000	1.13	cps
Neodymium	150-2	418984	412067	408356	413136	1.31	cps
Nickel	60-2	489722	486393	489025	488380	0.36	cps
Phosphorus	31-2	37096	36327	34932	36118	3.04	cps
Potassium	39-2	21279379	21270752	21057061	21202398	0.59	cps
Rhodium	103-1	12640119	12249462	12281886	12390489	1.75	cps
Rhodium	103-2	7528612	7571352	7453642	7517869	0.79	cps
Scandium	45-1	11090329	10742180	10781741	10871417	1.75	cps
Scandium	45-2	914454	917850	904898	912401	0.74	cps
Selenium	82-1	683	488	422	531	25.60	cps
Selenium	77-2	1790	1763	1720	1758	2.01	cps
Selenium	78-2	1520	1387	1378	1428	5.59	cps
Silicon	28-1	32391067	33285417	45013028	36896504	19.09	cps
Silver	107-1	6627	6577	6885	6696	2.47	cps
Silver	109-1	5376	5760	5968	5701	5.27	cps
Sodium	23-2	2360773	2360723	2345146	2355547	0.38	cps
Strontium	86-1	373943	377043	368450	373145	1.17	cps
Strontium	88-1	3292007	3253976	3248161	3264715	0.73	cps
Sulfur	34-1	380357	378510	378757	379208	0.26	cps
Terbium	159-1	16624817	16302811	16054804	16327477	1.75	cps
Terbium	159-2	10450095	10453137	10236863	10380032	1.19	cps
Thallium	203-1	24481	24406	24322	24403	0.33	cps
Thallium	205-1	56259	58201	55230	56563	2.67	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2451-06	Instrumnet Name :	P7
Client Sample ID :	SB-1120	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:36:30	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3708592	3622256	3602611	3644486	1.55	cps
Tin	118-1	27536	26650	26317	26834	2.35	cps
Titanium	47-1	3809525	3730787	3681434	3740582	1.73	cps
Uranium	238-1	410934	412637	400903	408158	1.55	cps
Vanadium	51-2	1157851	1164770	1151805	1158142	0.56	cps
Yttrium	89-1	26493440	26006286	25443346	25981024	2.02	cps
Yttrium	89-2	6403344	6451696	6364072	6406371	0.69	cps
Zinc	66-2	400365	397183	396901	398150	0.48	cps
Zirconium	90-1	1451936	1454751	1387746	1431477	2.65	cps
Zirconium	91-1	311501	309840	303532	308291	1.36	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40191700	38753926	38756388	39234005	2.11	cps
Antimony	121-1	1642	1692	1733	1689	2.72	cps
Arsenic	75-2	6088	5881	6064	6011	1.89	cps
Barium	135-1	2944125	2877494	2814600	2878740	2.25	cps
Barium	137-1	5016525	4981449	4958603	4985525	0.59	cps
Beryllium	9-1	24570	24363	24166	24366	0.83	cps
Bismuth	209-1	10465210	10214197	10003704	10227703	2.26	cps
Bismuth	209-2	7540708	7640730	7576983	7586140	0.67	cps
Boron	10-1	4217	4509	4242	4323	3.74	cps
Boron	11-1	19613	21207	20940	20587	4.15	cps
Bromine	81-1	15909	16084	15350	15781	2.43	cps
Bromine	81-2	1141	1101	1171	1138	3.09	cps
Cadmium	111-1	7493	7008	6960	7154	4.12	cps
Cadmium	106-1	10579	10471	9837	10296	3.89	cps
Cadmium	108-1	571	1084	650	768	35.95	cps
Calcium	43-1	430987	427610	423766	427454	0.85	cps
Calcium	44-1	6693892	6552770	6525312	6590658	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	786433	772004	776429	778288	0.95	cps
Cobalt	59-2	438020	436256	433460	435912	0.53	cps
Copper	63-2	15381123	14993962	14874102	15083062	1.76	cps
Dysprosium	156-1	401703	406926	401112	403247	0.79	cps
Dysprosium	156-2	262999	265815	264808	264541	0.54	cps
Erbium	164-1	331466	334361	334954	333594	0.56	cps
Erbium	164-2	213494	214121	211028	212881	0.77	cps
Gadolinium	160-1	369069	368256	360248	365858	1.33	cps
Gadolinium	160-2	248316	250303	249959	249526	0.43	cps
Holmium	165-1	15872692	15949059	15859367	15893706	0.30	cps
Holmium	165-2	10170453	10303265	10235401	10236373	0.65	cps
Indium	115-1	12956072	12724543	12471328	12717314	1.91	cps
Indium	115-2	4258227	4382390	4292136	4310918	1.49	cps
Iron	56-2	493702478	490338255	488700922	490913885	0.52	cps
Iron	57-2	12279297	12281171	12048652	12203040	1.10	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27407124	27226731	27047373	27227076	0.66	cps
Krypton	83-1	6238	5748	5918	5968	4.17	cps
Lead	206-1	436349	431755	426104	431403	1.19	cps
Lead	207-1	340827	330907	327383	333039	2.09	cps
Lead	208-1	1647892	1620315	1590365	1619524	1.78	cps
Lithium	6-1	3431019	3366907	3387874	3395267	0.96	cps
Magnesium	24-2	23953266	23225642	23325264	23501391	1.68	cps
Manganese	55-2	8734460	8666238	8587352	8662683	0.85	cps
Molybdenum	94-1	233259	243463	229706	235476	3.03	cps
Molybdenum	95-1	16535	14758	15709	15667	5.68	cps
Molybdenum	96-1	56652	55958	55316	55976	1.19	cps
Molybdenum	97-1	9754	9395	8820	9323	5.05	cps
Molybdenum	98-1	24371	24062	23569	24001	1.68	cps
Neodymium	150-1	664550	668171	650190	660970	1.44	cps
Neodymium	150-2	369373	369049	366929	368450	0.36	cps
Nickel	60-2	203674	204316	200796	202929	0.92	cps
Phosphorus	31-2	26231	26315	25397	25981	1.95	cps
Potassium	39-2	10222810	10269985	10127130	10206642	0.71	cps
Rhodium	103-1	12457143	12427000	12221110	12368418	1.04	cps
Rhodium	103-2	7427658	7656813	7487557	7524009	1.58	cps
Scandium	45-1	10508860	10104192	10297907	10303653	1.96	cps
Scandium	45-2	865716	875353	873112	871394	0.58	cps
Selenium	82-1	230	718	495	481	50.78	cps
Selenium	77-2	1520	1437	1407	1455	4.04	cps
Selenium	78-2	1324	1289	1267	1293	2.24	cps
Silicon	28-1	57719166	62626714	53542658	57962846	7.84	cps
Silver	107-1	6985	7452	7010	7149	3.67	cps
Silver	109-1	6327	6652	6752	6577	3.38	cps
Sodium	23-2	674891	662533	662504	666643	1.07	cps
Strontium	86-1	227581	223207	221287	224025	1.44	cps
Strontium	88-1	1953258	1920325	1889038	1920874	1.67	cps
Sulfur	34-1	337455	336302	330665	334807	1.09	cps
Terbium	159-1	16296351	16412205	16038412	16248989	1.18	cps
Terbium	159-2	10163802	10452367	10259696	10291955	1.43	cps
Thallium	203-1	10521	11197	10529	10749	3.61	cps
Thallium	205-1	27528	25357	26184	26357	4.16	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-6075DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:39:13	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2395891	2358150	2342898	2365647	1.15	cps
Tin	118-1	43658	43508	44211	43793	0.85	cps
Titanium	47-1	2295030	2254356	2405722	2318370	3.38	cps
Uranium	238-1	566480	553443	549203	556375	1.62	cps
Vanadium	51-2	750587	753927	753936	752816	0.26	cps
Yttrium	89-1	25460773	25210438	24926670	25199294	1.06	cps
Yttrium	89-2	6085520	6203269	6103078	6130622	1.04	cps
Zinc	66-2	404697	400434	399635	401589	0.68	cps
Zirconium	90-1	625985	642569	606333	624962	2.90	cps
Zirconium	91-1	143026	138571	142679	141425	1.75	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7291972	7140482	7137290	7189915	1.23	cps
Antimony	121-1	517	533	542	531	2.40	cps
Arsenic	75-2	1148	1141	1120	1136	1.27	cps
Barium	135-1	512489	521644	510637	514923	1.14	cps
Barium	137-1	900193	895518	903471	899728	0.44	cps
Beryllium	9-1	4361	4334	4407	4367	0.85	cps
Bismuth	209-1	9127332	9204606	9081670	9137869	0.68	cps
Bismuth	209-2	7005964	7134999	7032624	7057862	0.97	cps
Boron	10-1	1967	1867	1917	1917	2.61	cps
Boron	11-1	8077	8786	8644	8503	4.41	cps
Bromine	81-1	14107	14099	14249	14152	0.60	cps
Bromine	81-2	310	230	200	247	23.05	cps
Cadmium	111-1	4469	4975	4656	4700	5.45	cps
Cadmium	106-1	6377	7019	6652	6682	4.82	cps
Cadmium	108-1	200	167	179	182	9.25	cps
Calcium	43-1	75982	76602	78562	77048	1.75	cps
Calcium	44-1	1267365	1274369	1259407	1267047	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146938	145013	146242	146064	0.67	cps
Cobalt	59-2	83156	83558	83001	83238	0.35	cps
Copper	63-2	2941833	2946625	2966941	2951800	0.45	cps
Dysprosium	156-1	72672	72975	73761	73136	0.77	cps
Dysprosium	156-2	48939	49203	49090	49077	0.27	cps
Erbium	164-1	59629	60189	59721	59846	0.50	cps
Erbium	164-2	38403	39309	39202	38971	1.27	cps
Gadolinium	160-1	63972	63905	67505	65127	3.16	cps
Gadolinium	160-2	45835	45962	46882	46226	1.24	cps
Holmium	165-1	13704390	13953964	14135099	13931151	1.55	cps
Holmium	165-2	9060815	9277543	9236977	9191778	1.25	cps
Indium	115-1	11595640	11724236	11333019	11550965	1.73	cps
Indium	115-2	4047463	4073263	4026433	4049053	0.58	cps
Iron	56-2	94047605	94875997	95109199	94677600	0.59	cps
Iron	57-2	2354993	2359206	2383817	2366005	0.66	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5200759	5290408	5274434	5255200	0.91	cps
Krypton	83-1	5408	5551	5514	5491	1.36	cps
Lead	206-1	75749	76386	78073	76736	1.57	cps
Lead	207-1	59469	58019	59174	58887	1.30	cps
Lead	208-1	287716	285624	285348	286229	0.45	cps
Lithium	6-1	2957643	3014695	2978363	2983567	0.97	cps
Magnesium	24-2	4566971	4533269	4489617	4529952	0.86	cps
Manganese	55-2	1700481	1689462	1737642	1709195	1.48	cps
Molybdenum	94-1	40633	40899	39397	40309	1.99	cps
Molybdenum	95-1	3534	3225	3400	3387	4.57	cps
Molybdenum	96-1	10412	10679	10771	10621	1.75	cps
Molybdenum	97-1	2184	2142	1817	2047	9.81	cps
Molybdenum	98-1	4809	5268	5626	5234	7.82	cps
Neodymium	150-1	119611	120881	120115	120202	0.53	cps
Neodymium	150-2	69532	70613	69987	70044	0.78	cps
Nickel	60-2	38302	37848	37681	37944	0.85	cps
Phosphorus	31-2	5576	5259	5134	5323	4.28	cps
Potassium	39-2	1970773	1988319	1953652	1970914	0.88	cps
Rhodium	103-1	11251591	11335842	11277101	11288178	0.38	cps
Rhodium	103-2	7204100	7119761	7112585	7145482	0.71	cps
Scandium	45-1	8754139	8714816	8804744	8757900	0.51	cps
Scandium	45-2	758001	754299	752712	755004	0.36	cps
Selenium	82-1	243	76	153	157	53.07	cps
Selenium	77-2	357	253	337	316	17.37	cps
Selenium	78-2	509	509	587	535	8.39	cps
Silicon	28-1	15448456	20040608	17553458	17680841	13.00	cps
Silver	107-1	1542	1492	1742	1592	8.31	cps
Silver	109-1	1433	1592	1575	1533	5.67	cps
Sodium	23-2	150035	146949	149833	148939	1.16	cps
Strontium	86-1	46984	47226	49166	47792	2.50	cps
Strontium	88-1	336756	345224	339505	340495	1.27	cps
Sulfur	34-1	300377	298915	296469	298587	0.66	cps
Terbium	159-1	14262502	14487113	14319716	14356443	0.81	cps
Terbium	159-2	9394847	9391091	9386566	9390834	0.04	cps
Thallium	203-1	3184	2492	2584	2753	13.65	cps
Thallium	205-1	5835	6360	5918	6038	4.68	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-6075L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-19 19:42:00	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	359730	358510	353931	357391	0.86	cps
Tin	118-1	10495	9880	10415	10263	3.26	cps
Titanium	47-1	467559	470104	466537	468066	0.39	cps
Uranium	238-1	98543	98459	98920	98641	0.25	cps
Vanadium	51-2	141123	143882	142034	142346	0.99	cps
Yttrium	89-1	18950097	18882378	19193371	19008615	0.86	cps
Yttrium	89-2	4798168	4850464	4778083	4808905	0.78	cps
Zinc	66-2	76977	75724	76049	76250	0.85	cps
Zirconium	90-1	105672	106327	105070	105690	0.59	cps
Zirconium	91-1	23252	23603	23102	23319	1.10	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39442295	38746224	38965115	39051212	0.91	cps
Antimony	121-1	2229745	2178042	2180643	2196143	1.33	cps
Arsenic	75-2	468566	465495	465998	466686	0.35	cps
Barium	135-1	11147820	10989534	11003489	11046948	0.79	cps
Barium	137-1	19340156	19048335	18852850	19080447	1.29	cps
Beryllium	9-1	1557593	1519422	1508799	1528605	1.68	cps
Bismuth	209-1	10253864	10162042	10066910	10160939	0.92	cps
Bismuth	209-2	7278081	7236832	7277540	7264151	0.33	cps
Boron	10-1	167258	174072	179144	173491	3.44	cps
Boron	11-1	823606	875667	868495	855923	3.30	cps
Bromine	81-1	14199	15133	14482	14605	3.28	cps
Bromine	81-2	1051	1021	971	1014	3.99	cps
Cadmium	111-1	2046382	2074743	2023834	2048319	1.25	cps
Cadmium	106-1	225561	217968	214911	219480	2.50	cps
Cadmium	108-1	150742	148461	146306	148503	1.49	cps
Calcium	43-1	2940462	2951770	2864314	2918849	1.63	cps
Calcium	44-1	46123336	45495965	45285879	45635060	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4586798	4520942	4543282	4550341	0.74	cps
Cobalt	59-2	6495216	6377835	6469578	6447543	0.96	cps
Copper	63-2	60982692	60609891	60784824	60792469	0.31	cps
Dysprosium	156-1	396429	397987	392728	395714	0.68	cps
Dysprosium	156-2	253533	256115	252449	254032	0.74	cps
Erbium	164-1	319303	315234	312885	315807	1.03	cps
Erbium	164-2	199642	197617	195469	197576	1.06	cps
Gadolinium	160-1	355045	347840	350395	351093	1.04	cps
Gadolinium	160-2	237430	235164	236107	236234	0.48	cps
Holmium	165-1	15960001	15907254	15791294	15886183	0.54	cps
Holmium	165-2	10083622	10104324	10035240	10074395	0.35	cps
Indium	115-1	12768380	12527245	12591490	12629039	0.99	cps
Indium	115-2	4233642	4127383	4256951	4205992	1.64	cps
Iron	56-2	629641547	620540236	631147347	627109710	0.92	cps
Iron	57-2	15666020	15440409	15584038	15563489	0.73	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	35090679	34480636	35293276	34954864	1.21	cps
Krypton	83-1	5761	6055	6085	5967	3.00	cps
Lead	206-1	30186399	29713991	28983362	29627917	2.05	cps
Lead	207-1	26298982	25923530	25492046	25904853	1.56	cps
Lead	208-1	120946705	119707778	117961912	119538799	1.25	cps
Lithium	6-1	3456990	3318501	3393820	3389770	2.05	cps
Magnesium	24-2	60220104	60148387	59679606	60016032	0.49	cps
Manganese	55-2	39282501	38636288	39019839	38979543	0.83	cps
Molybdenum	94-1	16282931	15789425	15772593	15948316	1.82	cps
Molybdenum	95-1	19260092	18842264	18444179	18848845	2.16	cps
Molybdenum	96-1	21609617	21360072	21006078	21325256	1.42	cps
Molybdenum	97-1	11885190	11809788	11575501	11756826	1.37	cps
Molybdenum	98-1	30323473	30181967	29491142	29998861	1.48	cps
Neodymium	150-1	657672	664223	653712	658536	0.81	cps
Neodymium	150-2	364091	357457	358432	359993	1.00	cps
Nickel	60-2	1813260	1758255	1792817	1788111	1.55	cps
Phosphorus	31-2	24253	23936	24562	24250	1.29	cps
Potassium	39-2	29167666	29177357	28744208	29029744	0.85	cps
Rhodium	103-1	12502970	12295465	12176195	12324877	1.34	cps
Rhodium	103-2	7333108	7118410	7278999	7243506	1.54	cps
Scandium	45-1	10572624	10324408	10366716	10421249	1.27	cps
Scandium	45-2	852334	849063	848634	850010	0.24	cps
Selenium	82-1	153586	152447	149793	151942	1.28	cps
Selenium	77-2	15915	15568	15595	15693	1.23	cps
Selenium	78-2	49521	48293	48880	48898	1.26	cps
Silicon	28-1	82386212	74808427	79516156	78903598	4.85	cps
Silver	107-1	9196980	9044137	8846384	9029167	1.95	cps
Silver	109-1	8728738	8630240	8515034	8624671	1.24	cps
Sodium	23-2	66941289	65684363	66270221	66298624	0.95	cps
Strontium	86-1	2836363	2855081	2798530	2829991	1.02	cps
Strontium	88-1	24447563	24425144	24044454	24305720	0.93	cps
Sulfur	34-1	335665	338653	332523	335614	0.91	cps
Terbium	159-1	16543589	16354692	16332497	16410259	0.71	cps
Terbium	159-2	10199460	10142490	10252354	10198101	0.54	cps
Thallium	203-1	6923660	6859267	6743584	6842170	1.33	cps
Thallium	205-1	16129610	16115494	15571923	15939009	2.00	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	N2432-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-6075MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:44:47	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2614512	2601338	2526816	2580888	1.83	cps
Tin	118-1	5559152	5509392	5443285	5503943	1.06	cps
Titanium	47-1	7969907	7619929	7564354	7718063	2.85	cps
Uranium	238-1	24260798	23671029	23620673	23850834	1.49	cps
Vanadium	51-2	4075454	4046794	4107908	4076719	0.75	cps
Yttrium	89-1	25320722	24932164	24689655	24980847	1.27	cps
Yttrium	89-2	6032359	5874735	5992436	5966510	1.37	cps
Zinc	66-2	6809051	6815416	6771477	6798648	0.35	cps
Zirconium	90-1	14294829	14007084	14015742	14105885	1.16	cps
Zirconium	91-1	3420782	3157871	3066879	3215177	5.72	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19305662	19542230	19552354	19466748	0.72	cps
Antimony	121-1	6166606	6154748	6206989	6176114	0.44	cps
Arsenic	75-2	378316	384532	382702	381850	0.84	cps
Barium	135-1	7167187	7250259	7354234	7257227	1.29	cps
Barium	137-1	12448405	12576841	12570181	12531809	0.58	cps
Beryllium	9-1	1236117	1269760	1241038	1248971	1.45	cps
Bismuth	209-1	8324259	8495396	8434874	8418176	1.03	cps
Bismuth	209-2	6300396	6203162	6241664	6248408	0.78	cps
Boron	10-1	228477	234869	240657	234668	2.60	cps
Boron	11-1	1159648	1198154	1235255	1197686	3.16	cps
Bromine	81-1	14116	13773	13206	13698	3.35	cps
Bromine	81-2	140	130	120	130	7.70	cps
Cadmium	111-1	1721591	1715936	1712390	1716639	0.27	cps
Cadmium	106-1	185122	187031	184683	185612	0.67	cps
Cadmium	108-1	130007	130599	129864	130157	0.30	cps
Calcium	43-1	10750823	10731387	10833477	10771895	0.50	cps
Calcium	44-1	168592750	168277729	169766091	168878857	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3622166	3698709	3618185	3646353	1.24	cps
Cobalt	59-2	5340120	5490479	5499003	5443200	1.64	cps
Copper	63-2	38574763	38683994	38791275	38683344	0.28	cps
Dysprosium	156-1	858	867	867	864	0.56	cps
Dysprosium	156-2	597	693	620	637	7.92	cps
Erbium	164-1	192	242	200	211	12.69	cps
Erbium	164-2	127	140	110	126	11.97	cps
Gadolinium	160-1	775	767	783	775	1.08	cps
Gadolinium	160-2	780	673	697	717	7.82	cps
Holmium	165-1	13449118	13487549	13595979	13510882	0.56	cps
Holmium	165-2	9059977	8939670	8867860	8955835	1.08	cps
Indium	115-1	10823910	10772357	10744750	10780339	0.37	cps
Indium	115-2	3711408	3703568	3727366	3714114	0.33	cps
Iron	56-2	786350662	786590106	786261929	786400899	0.02	cps
Iron	57-2	19371210	19644032	19455470	19490237	0.72	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	43278791	43854783	43346344	43493306	0.72	cps
Krypton	83-1	5341	5378	5254	5324	1.19	cps
Lead	206-1	24666492	24480853	24888885	24678743	0.83	cps
Lead	207-1	21188764	21490568	21403266	21360866	0.73	cps
Lead	208-1	99098301	99005092	99541526	99214973	0.29	cps
Lithium	6-1	2819657	2805772	2805547	2810325	0.29	cps
Magnesium	24-2	179882604	181989321	179102793	180324906	0.83	cps
Manganese	55-2	25502240	25679050	25585755	25589015	0.35	cps
Molybdenum	94-1	23888898	23786618	23740704	23805407	0.32	cps
Molybdenum	95-1	33884958	33341905	33622365	33616409	0.81	cps
Molybdenum	96-1	37264695	36925120	37251619	37147144	0.52	cps
Molybdenum	97-1	20898415	21008454	21298522	21068463	0.98	cps
Molybdenum	98-1	52953307	53814430	54370466	53712735	1.33	cps
Neodymium	150-1	587	507	587	560	8.25	cps
Neodymium	150-2	133	137	127	132	3.85	cps
Nickel	60-2	1333256	1353746	1348311	1345104	0.79	cps
Phosphorus	31-2	206380	204056	207627	206021	0.88	cps
Potassium	39-2	92479783	94791190	93771919	93680964	1.24	cps
Rhodium	103-1	10240648	10261614	10343567	10281943	0.53	cps
Rhodium	103-2	6305708	6337166	6395644	6346173	0.72	cps
Scandium	45-1	8369721	8395759	8329908	8365129	0.40	cps
Scandium	45-2	720254	737223	724314	727264	1.22	cps
Selenium	82-1	120674	119382	121222	120426	0.78	cps
Selenium	77-2	11888	12102	12008	11999	0.89	cps
Selenium	78-2	40756	41289	40616	40887	0.87	cps
Silicon	28-1	30303279	30567310	30788013	30552867	0.79	cps
Silver	107-1	8049038	8060289	8041435	8050254	0.12	cps
Silver	109-1	7728193	7717146	7735400	7726913	0.12	cps
Sodium	23-2	299445573	297737707	296695696	297959659	0.47	cps
Strontium	86-1	2256845	2279082	2272094	2269340	0.50	cps
Strontium	88-1	19374345	19480062	19258963	19371123	0.57	cps
Sulfur	34-1	1365361	1359737	1357655	1360918	0.29	cps
Terbium	159-1	13937472	13711059	13695418	13781316	0.98	cps
Terbium	159-2	9121660	8960797	9176827	9086428	1.24	cps
Thallium	203-1	6054614	6053076	6025145	6044278	0.27	cps
Thallium	205-1	14363700	14088912	14182730	14211781	0.98	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:47:23	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	21409459	21949096	22019758	21792771	1.53	cps
Tin	118-1	5164454	5152387	5165335	5160725	0.14	cps
Titanium	47-1	10345936	10386792	10411978	10381569	0.32	cps
Uranium	238-1	19692132	20001797	20173577	19955835	1.22	cps
Vanadium	51-2	3136114	3157272	3111206	3134864	0.74	cps
Yttrium	89-1	17684034	17567671	17274512	17508739	1.21	cps
Yttrium	89-2	4390096	4358372	4328002	4358823	0.71	cps
Zinc	66-2	6236760	6136116	6191324	6188067	0.81	cps
Zirconium	90-1	12221648	12089630	12044126	12118468	0.76	cps
Zirconium	91-1	2720067	2696737	2694015	2703606	0.53	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1561	1678	1178	1472	17.77	cps
Antimony	121-1	7069	6093	5326	6163	14.17	cps
Arsenic	75-2	37	46	57	47	21.74	cps
Barium	135-1	692	542	650	628	12.33	cps
Barium	137-1	1058	1067	692	939	22.81	cps
Beryllium	9-1	160	193	143	166	15.38	cps
Bismuth	209-1	9106915	9044042	9045769	9065575	0.40	cps
Bismuth	209-2	6918721	6930583	6956973	6935426	0.28	cps
Boron	10-1	11346	10104	8644	10031	13.48	cps
Boron	11-1	53644	48903	43846	48797	10.04	cps
Bromine	81-1	14207	12931	13865	13668	4.83	cps
Bromine	81-2	100	130	80	103	24.35	cps
Cadmium	111-1	4882	5035	4581	4833	4.78	cps
Cadmium	106-1	6693	6994	6260	6649	5.55	cps
Cadmium	108-1	100	92	108	100	8.33	cps
Calcium	43-1	1008	1025	933	989	4.94	cps
Calcium	44-1	96667	95375	93271	95104	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3367	3264	3257	3296	1.87	cps
Cobalt	59-2	407	383	403	398	3.17	cps
Copper	63-2	3897	3590	3627	3705	4.52	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	17	23	20	20	16.65	cps
Erbium	164-1	117	108	142	122	14.19	cps
Erbium	164-2	50	50	47	49	3.93	cps
Gadolinium	160-1	83	83	50	72	26.65	cps
Gadolinium	160-2	213	247	280	247	13.51	cps
Holmium	165-1	13418503	13431733	13356986	13402407	0.30	cps
Holmium	165-2	8891745	8895882	8964547	8917392	0.46	cps
Indium	115-1	11400030	11171052	11425366	11332149	1.24	cps
Indium	115-2	3960665	3924117	4004910	3963231	1.02	cps
Iron	56-2	60510	58511	54030	57684	5.75	cps
Iron	57-2	1622	1606	1678	1635	2.31	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4235	4075	4255	4188	2.36	cps
Krypton	83-1	5324	5514	5314	5384	2.09	cps
Lead	206-1	4151	3689	3428	3756	9.74	cps
Lead	207-1	3289	3017	2856	3054	7.17	cps
Lead	208-1	15509	14615	13597	14574	6.56	cps
Lithium	6-1	2979638	2986067	3010398	2992034	0.54	cps
Magnesium	24-2	8297	7491	6824	7537	9.79	cps
Manganese	55-2	1883	1713	1693	1763	5.92	cps
Molybdenum	94-1	2459	2300	2275	2345	4.24	cps
Molybdenum	95-1	2984	2575	2459	2673	10.32	cps
Molybdenum	96-1	3559	2667	2892	3039	15.26	cps
Molybdenum	97-1	1775	1458	1508	1581	10.77	cps
Molybdenum	98-1	4893	3984	3959	4279	12.43	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	393	447	313	384	17.46	cps
Phosphorus	31-2	833	792	608	744	16.08	cps
Potassium	39-2	116863	114806	113153	114941	1.62	cps
Rhodium	103-1	11245836	11157760	11276452	11226683	0.55	cps
Rhodium	103-2	6915607	7128446	7150114	7064722	1.83	cps
Scandium	45-1	8426380	8299581	8505951	8410638	1.24	cps
Scandium	45-2	725088	724841	726785	725571	0.15	cps
Selenium	82-1	-20	-2	45	8	439.20	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	346	317	376	346	8.56	cps
Silicon	28-1	755241	752856	744217	750771	0.77	cps
Silver	107-1	2000	1850	1758	1870	6.53	cps
Silver	109-1	1834	1808	1592	1745	7.62	cps
Sodium	23-2	101661	99905	96321	99295	2.74	cps
Strontium	86-1	8886	8344	8528	8586	3.21	cps
Strontium	88-1	1708	1767	1492	1656	8.75	cps
Sulfur	34-1	445223	444821	438168	442737	0.89	cps
Terbium	159-1	14076497	13951011	14074714	14034074	0.51	cps
Terbium	159-2	9167908	9209349	9083805	9153687	0.70	cps
Thallium	203-1	2650	2509	2175	2445	9.98	cps
Thallium	205-1	6052	5585	5668	5768	4.32	cps

LB Number :	LB119779	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2022-04-19 19:49:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1300	1172	1150	1207	6.71	cps
Tin	118-1	1959	1917	1625	1834	9.91	cps
Titanium	47-1	917	858	883	886	3.30	cps
Uranium	238-1	1208	1225	950	1128	13.67	cps
Vanadium	51-2	280	243	233	252	9.74	cps
Yttrium	89-1	17728767	17675329	17780705	17728267	0.30	cps
Yttrium	89-2	4421673	4543775	4517023	4494157	1.43	cps
Zinc	66-2	1820	1760	1757	1779	2.00	cps
Zirconium	90-1	2234	2400	1975	2203	9.72	cps
Zirconium	91-1	367	458	442	422	11.56	cps