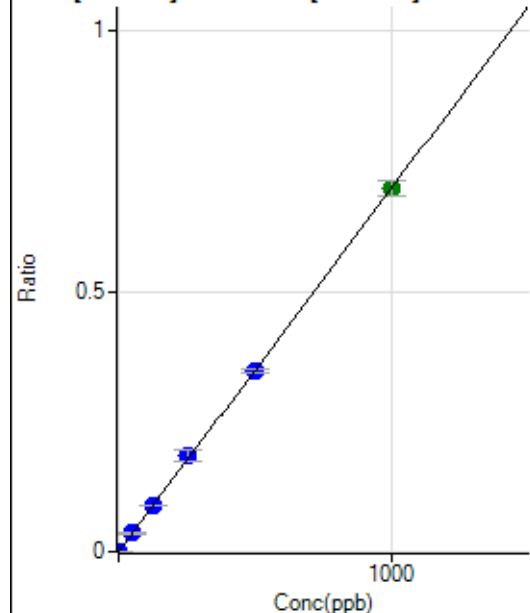


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8030923MS.b\
Analysis File: P8030923MS.batch.bin
DA Date-Time: 2023-03-09 19:40:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-03-09 12:25:29
2	006CALB.d	S02	2023-03-09 12:31:34
3	007CALS.d	S03	2023-03-09 12:34:36
4	008CALS.d	S04	2023-03-09 12:37:36
5	009CALS.d	S05	2023-03-09 12:40:35
6	010CALS.d	S06	2023-03-09 12:43:36
7	011CALS.d	S07	2023-03-09 12:46:34
8	012CALS.d	S08	2023-03-09 12:49:35

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	23.4
2	☐	1.000	1.004	1769.89	0.0007	P	0.4
3	☐	50.000	50.739	88012.10	0.0354	P	2.6
4	☐	125.000	126.780	218393.04	0.0885	P	1.9
5	☐	250.000	264.909	422509.07	0.1849	P	10.3
6	☐	500.000	495.636	809239.70	0.3460	P	2.4
7	☐	1000.000	998.195	1572596.40	0.6968	A	4.1
8	☐			831.59	0.0004	P	4.4

$$y = 6.9808\text{E-}004 * x + 7.9619\text{E-}006$$

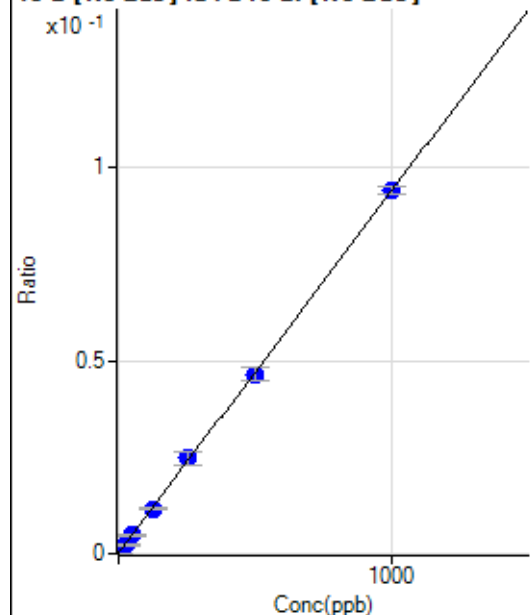
$$R = 0.9999$$

$$DL = 0.008003$$

$$BEC = 0.01141$$

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	405.26	0.0002	P	1.7
2	☐	25.000	22.360	5643.98	0.0023	P	3.9
3	☐	50.000	49.111	11843.14	0.0048	P	5.2
4	☐	125.000	122.621	28793.31	0.0117	P	4.8
5	☐	250.000	261.900	56369.94	0.0247	P	15.4
6	☐	500.000	494.572	108824.43	0.0466	P	7.4
7	☐	1000.000	1000.147	212330.21	0.0940	P	2.1
8	☐			16179.11	0.0074	P	9.9

$$y = 9.3818\text{E-}005 * x + 1.6104\text{E-}004$$

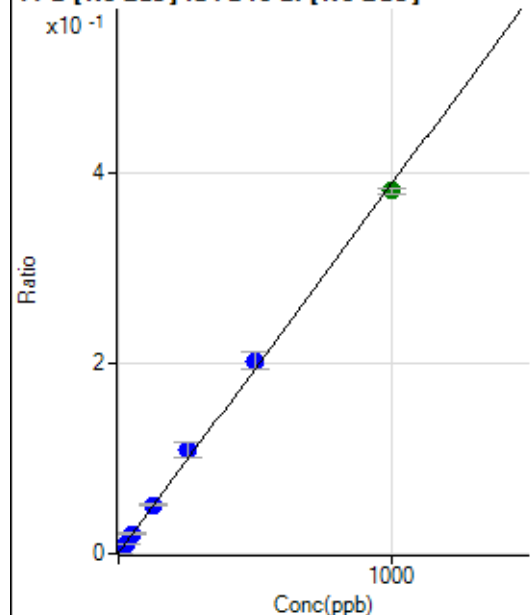
$$R = 0.9999$$

$$DL = 0.08754$$

$$BEC = 1.716$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1787.10	0.0007	P	3.7
2	☐	25.000	23.607	24581.77	0.0098	P	4.5
3	☐	50.000	52.836	52520.33	0.0211	P	5.5
4	☐	125.000	129.879	125692.05	0.0509	P	2.9
5	☐	250.000	278.154	246902.73	0.1083	P	14.2
6	☐	500.000	520.748	472256.81	0.2021	P	8.6
7	☐	1000.000	981.871	859193.05	0.3804	A	1.9
8	☐			71758.15	0.0329	P	10.1

$$y = 3.8665E-004 * x + 7.1034E-004$$

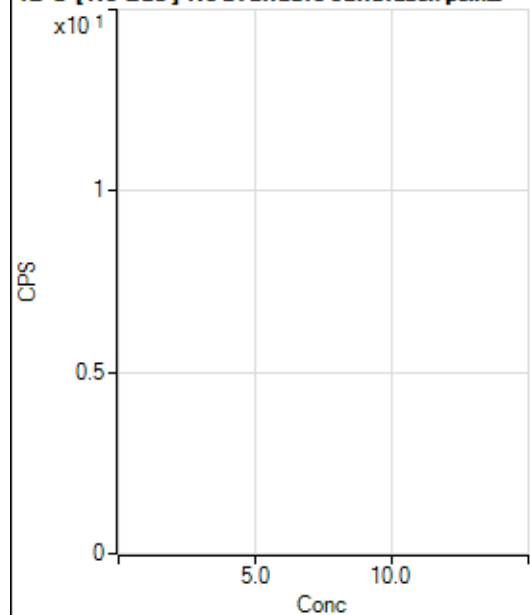
$$R = 0.9992$$

$$DL = 0.2055$$

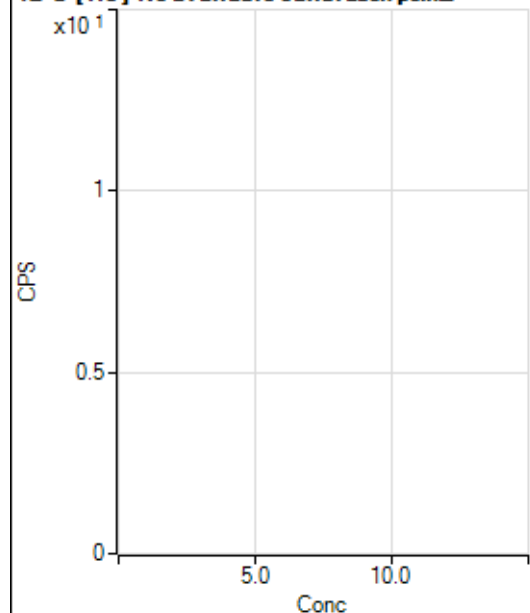
$$BEC = 1.837$$

Weight: <None>

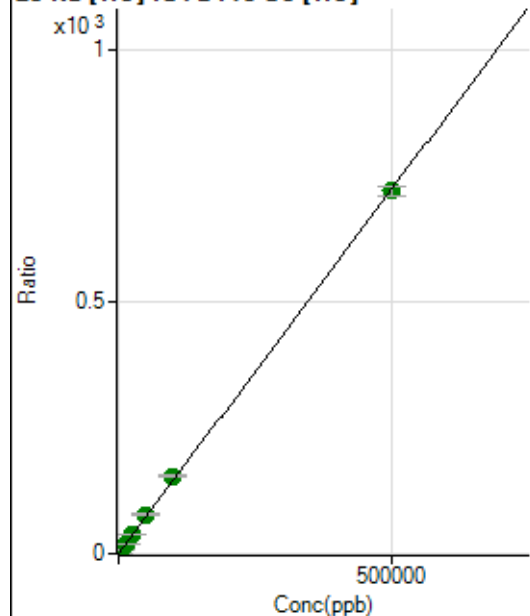
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3099599.42		A	0.1
2	☐			3340881.04		A	3.0
3	☐			4745614.12		A	4.4
4	☐			5063043.47		A	1.6
5	☐			4837176.15		A	1.6
6	☐			4542709.87		A	2.4
7	☐			4505267.85		A	3.2
8	☐			4589815.56		A	5.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41626.36		P	1.7
2	☐			48717.43		P	0.5
3	☐			71471.77		P	1.0
4	☐			71812.51		P	1.4
5	☐			67210.13		P	1.1
6	☐			65934.78		P	0.6
7	☐			67374.21		P	0.4
8	☐			73345.16		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8221.94	0.0472	P	10.9
2	☐	500.000	499.112	128369.21	0.7682	P	3.5
3	☐	5000.000	5563.229	1329279.65	8.0837	A	1.6
4	☐	12500.000	14021.071	3260017.63	20.3018	A	2.5
5	☐	25000.000	26602.355	6194610.08	38.4765	A	2.3
6	☐	50000.000	53751.274	12291616.77	77.6953	A	3.4
7	☐	100000.00	106749.46	24914000.38	154.2556	A	3.2
8	☐	500000.00	498151.20	120101163.7	719.6679	A	2.5

$$y = 0.0014 * x + 0.0472$$

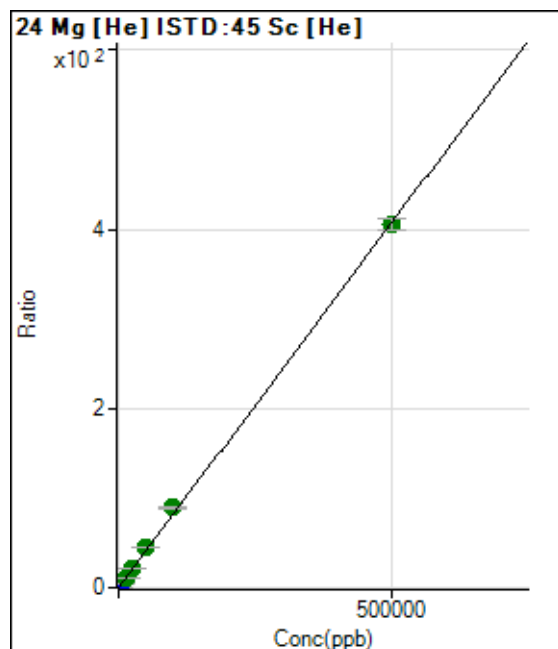
$$R = 0.9999$$

$$DL = 10.64$$

$$BEC = 32.65$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0014	P	32.2
2	☐	500.000	501.592	68433.91	0.4096	P	4.3
3	☐	5000.000	5673.018	759340.20	4.6179	P	2.0
4	☐	12500.000	14095.565	1842208.59	11.4719	A	2.8
5	☐	25000.000	26981.425	3535165.14	21.9581	A	2.3
6	☐	50000.000	54638.485	7034563.27	44.4646	A	1.7
7	☐	100000.00	109484.34	14389658.31	89.0967	A	3.4
8	☐	500000.00	497493.59	67555641.09	404.8478	A	3.2

$$y = 8.1377\text{E-}004 * x + 0.0014$$

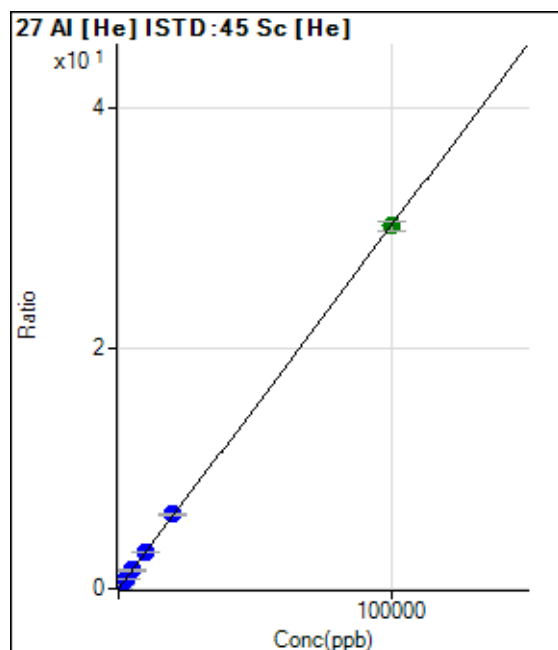
$$R = 0.9998$$

$$DL = 1.625$$

$$BEC = 1.684$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.91	0.0003	P	17.0
2	☐	20.000	19.525	1041.58	0.0062	P	5.1
3	☐	1000.000	1060.480	52790.15	0.3210	P	1.2
4	☐	2500.000	2640.965	128290.79	0.7990	P	2.9
5	☐	5000.000	5031.406	244972.31	1.5219	P	0.6
6	☐	10000.000	10171.714	486657.23	3.0765	P	1.4
7	☐	20000.000	20402.090	996391.20	6.1703	P	4.8
8	☐	100000.00	99896.711	5041391.03	30.2110	A	3.0

$$y = 3.0242\text{E-}004 * x + 3.2871\text{E-}004$$

$$R = 1.0000$$

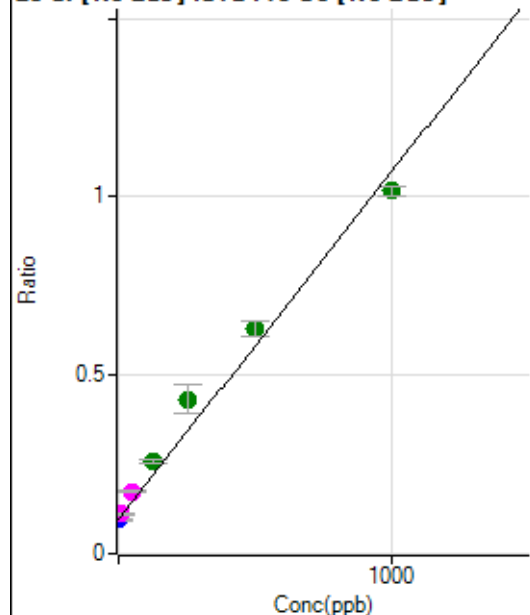
$$DL = 0.5529$$

$$BEC = 1.087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	512673.21	0.0963	P	4.2
2	☐	10.000	15.739	577570.53	0.1116	M	3.8
3	☐	50.000	79.061	893592.47	0.1733	M	3.4
4	☐	125.000	166.487	1338537.15	0.2584	A	5.3
5	☐	250.000	345.225	2019666.58	0.4324	A	19.3
6	☐	500.000	548.233	3171845.40	0.6301	A	6.6
7	☐	1000.000	945.381	5143312.79	1.0168	A	3.0
8	☐			933335.57	0.1835	M	4.4

$$y = 9.7364\text{E-}004 * x + 0.0963$$

$$R = 0.9927$$

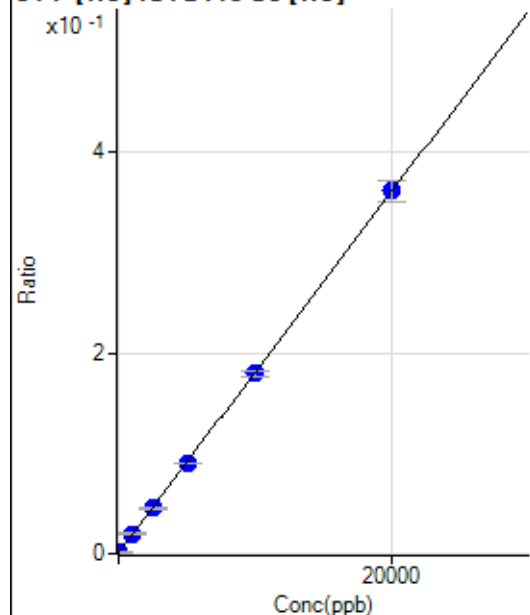
$$DL = 12.51$$

$$BEC = 98.91$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.660	108.33	0.0006	P	43.1
2	☐	0.000	11.660	175.01	0.0010	P	22.7
3	☐	1000.000	1059.766	3272.68	0.0199	P	8.2
4	☐	2500.000	2477.947	7293.69	0.0454	P	3.6
5	☐	5000.000	4976.923	14546.56	0.0904	P	0.4
6	☐	10000.000	9915.246	28347.79	0.1792	P	3.1
7	☐	20000.000	20047.914	58371.20	0.3615	P	5.5
8	☐			125.00	0.0008	P	15.5

$$y = 1.7990\text{E-}005 * x + 8.3894\text{E-}004$$

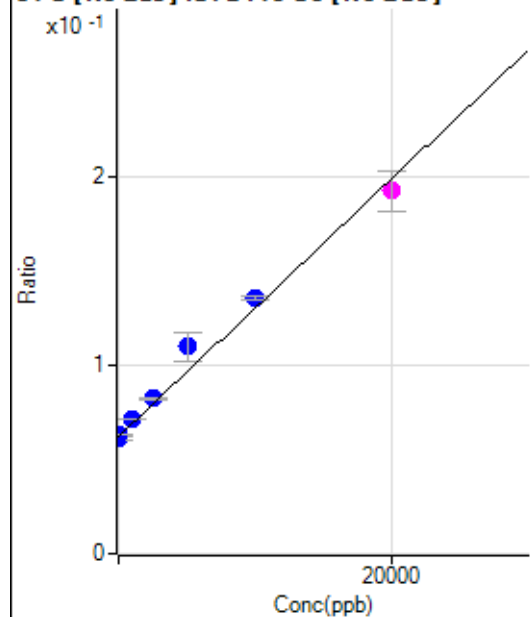
$$R = 1.0000$$

$$DL = 42.46$$

$$BEC = 46.63$$

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	-160.548	324321.76	0.0609	P	3.2
2	☐	0.000	160.548	326552.13	0.0631	P	0.8
3	☐	1000.000	1360.831	367764.18	0.0713	P	1.3
4	☐	2500.000	2931.652	424959.73	0.0820	P	0.9
5	☐	5000.000	6984.983	514610.02	0.1097	P	13.5
6	☐	10000.000	10755.371	682005.48	0.1355	P	1.9
7	☐	20000.000	19054.071	969911.54	0.1921	M	11.2
8	☐			279134.49	0.0549	P	4.5

$$y = 6.8289\text{E-}006 * x + 0.0620$$

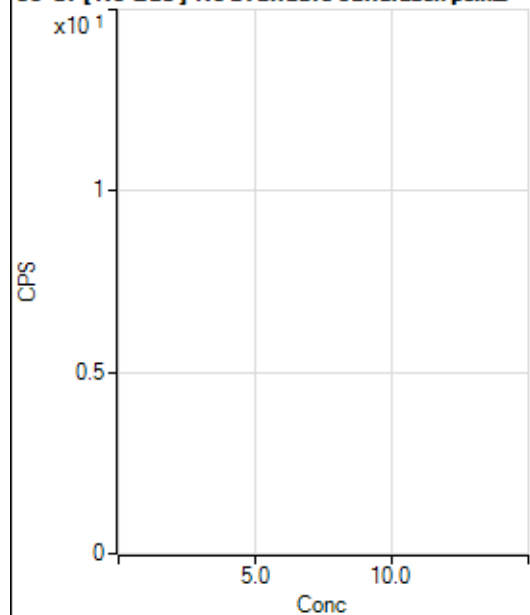
$$R = 0.9929$$

$$DL = 540.2$$

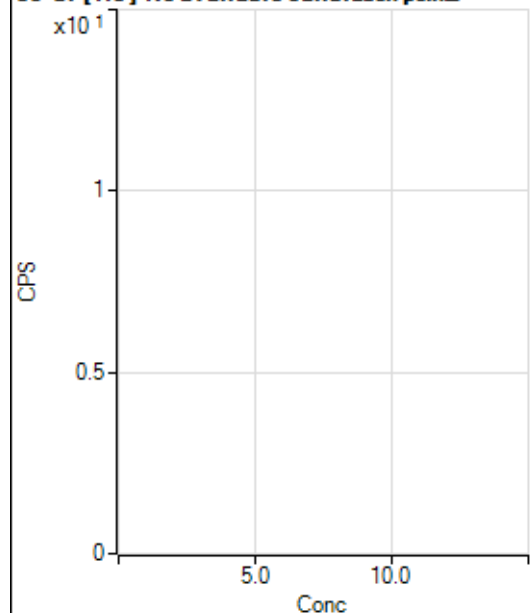
$$BEC = 9081$$

Weight: <None>

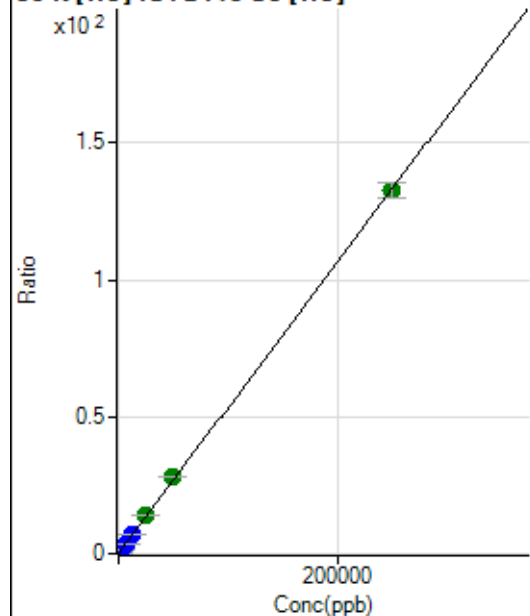
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			445225.63		P	1.2
2	☐			494248.35		P	1.0
3	☐			491194.76		P	0.9
4	☐			472478.28		P	0.9
5	☐			457353.26		P	1.4
6	☐			446204.09		P	0.4
7	☐			445285.95		P	0.8
8	☐			482865.31		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3150.42		P	4.1
2	☐			3414.37		P	6.8
3	☐			3372.70		P	3.6
4	☐			3183.77		P	5.8
5	☐			3275.46		P	6.5
6	☐			3061.52		P	1.5
7	☐			3022.62		P	13.9
8	☐			3525.52		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16648.89	0.0954	P	9.2
2	☐	500.000	480.891	58617.36	0.3507	P	2.4
3	☐	2500.000	2650.631	247092.57	1.5027	P	0.7
4	☐	6250.000	6643.145	581718.25	3.6223	P	1.9
5	☐	12500.000	12804.061	1109651.93	6.8932	P	1.7
6	☐	25000.000	26459.001	2237191.63	14.1426	A	2.9
7	☐	50000.000	52707.870	4535298.54	28.0783	A	2.5
8	☐	250000.00	249286.02	22098648.93	132.4424	A	4.2

$$y = 5.3090\text{E-}004 * x + 0.0954$$

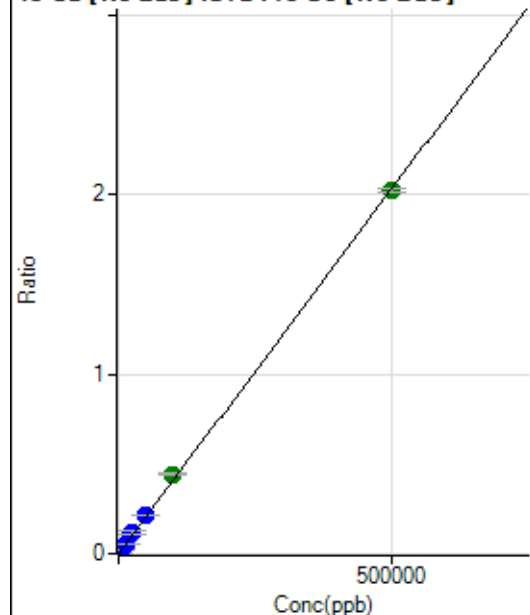
$$R = 0.9999$$

$$DL = 49.54$$

$$BEC = 179.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.48	0.0000	P	16.7
2	☐	500.000	465.619	9923.45	0.0019	P	2.4
3	☐	5000.000	5565.572	116574.56	0.0226	P	1.0
4	☐	12500.000	13393.916	281542.48	0.0543	P	0.5
5	☐	25000.000	28723.880	546054.83	0.1165	P	14.6
6	☐	50000.000	52395.485	1069981.01	0.2125	P	1.3
7	☐	100000.00	109323.48	2241117.39	0.4434	A	2.5
8	☐	500000.00	497681.59	10261728.86	2.0183	A	1.2

$$y = 4.0553\text{E-}006 * x + 2.9502\text{E-}005$$

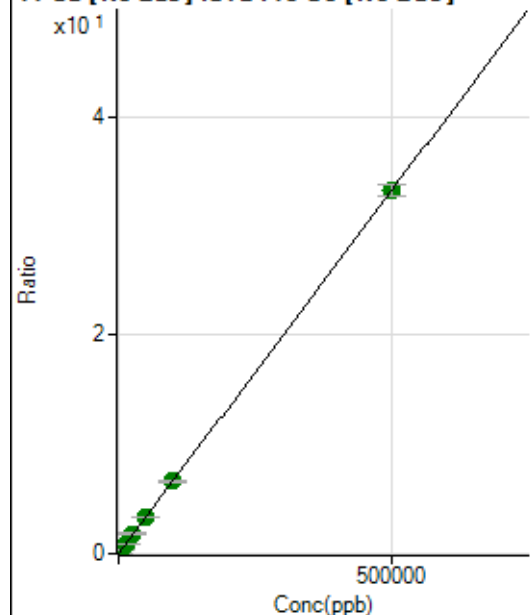
$$R = 0.9998$$

$$DL = 3.636$$

$$BEC = 7.275$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9576.59	0.0018	P	3.3
2	☐	500.000	457.477	166448.46	0.0322	P	1.5
3	☐	5000.000	5224.202	1798453.43	0.3486	A	1.8
4	☐	12500.000	12673.937	4368001.93	0.8431	A	1.8
5	☐	25000.000	27206.743	8472568.44	1.8079	A	14.7
6	☐	50000.000	49715.740	16627830.51	3.3021	A	1.8
7	☐	100000.00	100068.39	33584489.49	6.6448	A	2.2
8	☐	500000.00	499897.86	168704258.9	33.1872	A	3.1

$$y = 6.6384\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

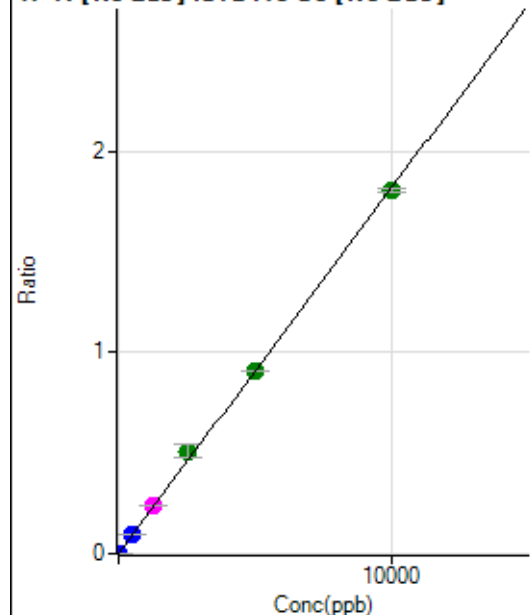
$$DL = 2.704$$

$$BEC = 27.08$$

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	105.56	0.0000	P	38.7
2	☐	5.000	5.116	4909.30	0.0009	P	4.3
3	☐	500.000	532.012	498350.81	0.0966	P	2.1
4	☐	1250.000	1312.390	1234631.15	0.2383	M	2.8
5	☐	2500.000	2802.629	2386567.70	0.5089	A	13.9
6	☐	5000.000	4990.100	4562793.07	0.9062	A	0.2
7	☐	10000.000	9919.893	9107273.29	1.8013	A	1.2
8	☐			6101.46	0.0012	P	4.7

$$y = 1.8159E-004 * x + 1.9695E-005$$

$$R = 0.9995$$

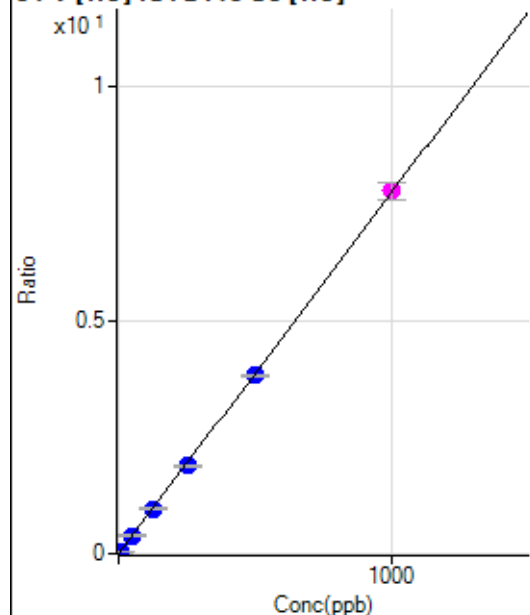
$$DL = 0.126$$

$$BEC = 0.1085$$

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	8.89	0.0000	P	50.3
2	☐	5.000	4.598	5953.52	0.0356	P	3.9
3	☐	50.000	50.163	63835.07	0.3882	P	2.6
4	☐	125.000	124.418	154619.69	0.9628	P	3.6
5	☐	250.000	244.149	304125.95	1.8893	P	1.6
6	☐	500.000	493.010	603572.15	3.8150	P	1.0
7	☐	1000.000	1005.024	1255869.38	7.7770	M	4.6
8	☐			835.59	0.0050	P	5.2

$$y = 0.0077 * x + 4.9044E-005$$

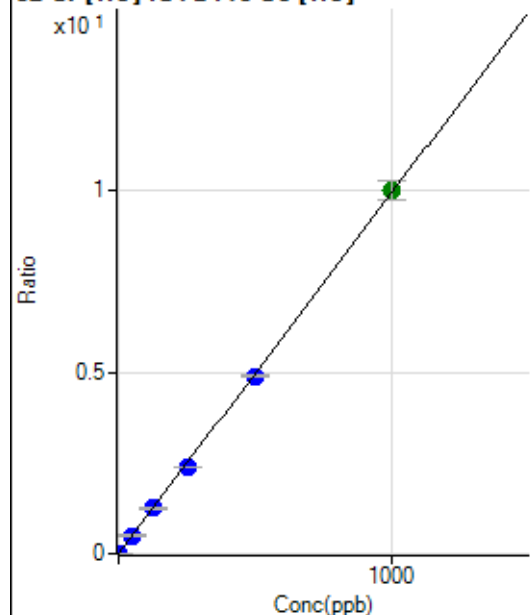
$$R = 0.9999$$

$$DL = 0.00957$$

$$BEC = 0.006338$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	506.68	0.0029	P	11.9
2	☐	2.000	1.903	3647.17	0.0218	P	1.7
3	☐	50.000	49.805	81841.91	0.4977	P	2.7
4	☐	125.000	125.158	200125.48	1.2463	P	2.8
5	☐	250.000	241.519	386667.28	2.4024	P	0.5
6	☐	500.000	492.527	774601.72	4.8961	P	0.9
7	☐	1000.000	1005.847	1614065.34	9.9960	A	5.3
8	☐			17428.50	0.1045	P	4.8

$$y = 0.0099 * x + 0.0029$$

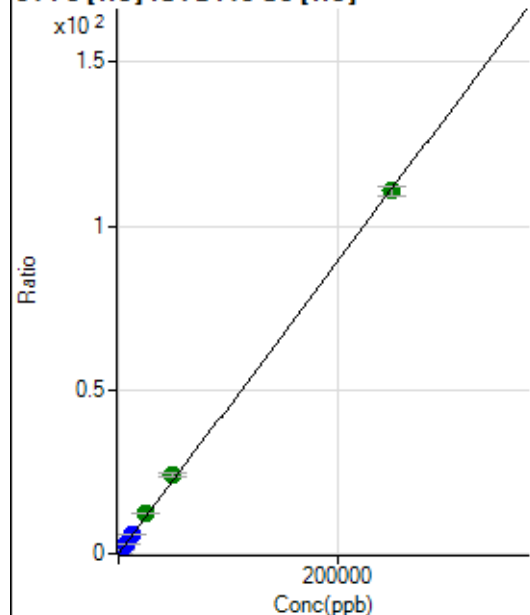
$$R = 0.9999$$

$$DL = 0.1049$$

$$BEC = 0.2929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	524.09	0.0030	P	14.9
2	☐	50.000	52.076	4369.27	0.0262	P	9.2
3	☐	2500.000	2743.824	201062.58	1.2228	P	4.0
4	☐	6250.000	6753.875	482535.35	3.0054	P	2.9
5	☐	12500.000	13043.908	933964.58	5.8017	P	1.5
6	☐	25000.000	27378.126	1925854.06	12.1739	A	0.5
7	☐	50000.000	53969.376	3875156.08	23.9950	A	3.9
8	☐	250000.00	248926.08	18468366.85	110.6627	A	2.8

$$y = 4.4455E-004 * x + 0.0030$$

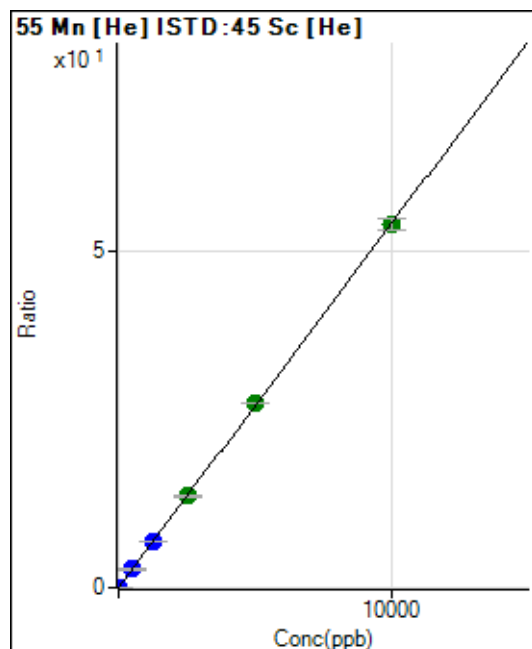
$$R = 0.9998$$

$$DL = 3.022$$

$$BEC = 6.772$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0004	P	3.6
2	☐	1.000	0.956	923.37	0.0055	P	3.4
3	☐	500.000	502.641	446299.17	2.7141	P	1.6
4	☐	1250.000	1268.685	1099766.21	6.8501	P	3.7
5	☐	2500.000	2510.932	2182073.06	13.5570	A	1.6
6	☐	5000.000	5062.663	4324130.87	27.3340	A	0.7
7	☐	10000.000	9963.468	8688253.76	53.7937	A	3.2
8	☐			11377.99	0.0682	P	3.8

$$y = 0.0054 * x + 3.6120E-004$$

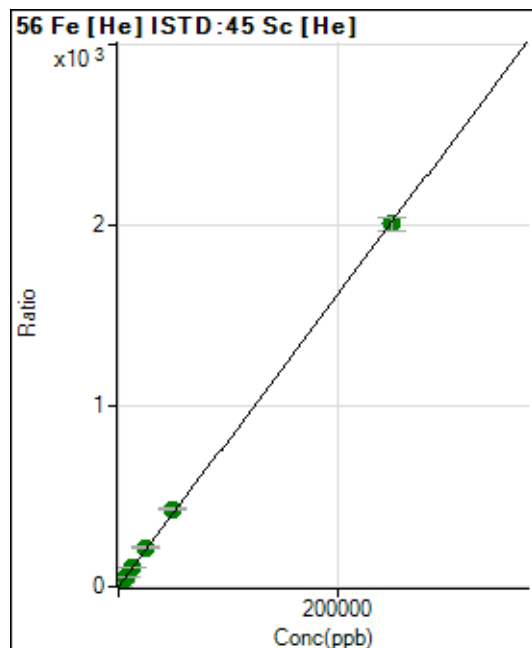
$$R = 1.0000$$

$$DL = 0.007321$$

$$BEC = 0.0669$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2411.36	0.0139	P	15.8
2	☐	50.000	49.885	69478.49	0.4158	P	4.9
3	☐	2500.000	2776.742	3681080.76	22.3866	A	2.7
4	☐	6250.000	6957.082	9003176.18	56.0684	A	3.3
5	☐	12500.000	13343.276	17309314.39	107.5231	A	1.5
6	☐	25000.000	27030.196	34452869.29	217.8011	A	1.0
7	☐	50000.000	53330.128	69402502.94	429.7045	A	3.2
8	☐	250000.00	249068.34	334830688.9	2,006.803	A	4.0

$$y = 0.0081 * x + 0.0139$$

$$R = 0.9999$$

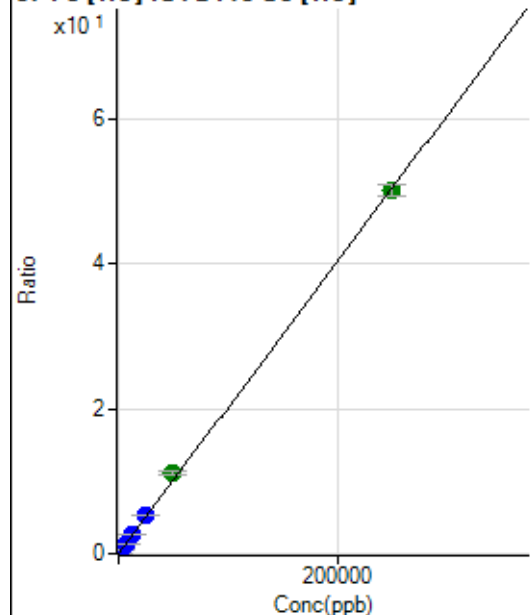
$$DL = 0.8191$$

$$BEC = 1.724$$

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	98.15	0.0006	P	33.3
2	☐	50.000	50.690	1800.15	0.0108	P	5.3
3	☐	2500.000	2695.795	89282.25	0.5430	P	1.6
4	☐	6250.000	6718.507	217139.36	1.3523	P	3.5
5	☐	12500.000	13083.406	423796.85	2.6330	P	0.3
6	☐	25000.000	26415.312	840946.43	5.3154	P	1.6
7	☐	50000.000	55310.290	1796971.74	11.1291	A	5.6
8	☐	250000.00	248753.57	8352659.45	50.0504	A	3.1

$$y = 2.0120\text{E-}004 * x + 5.6393\text{E-}004$$

$$R = 0.9998$$

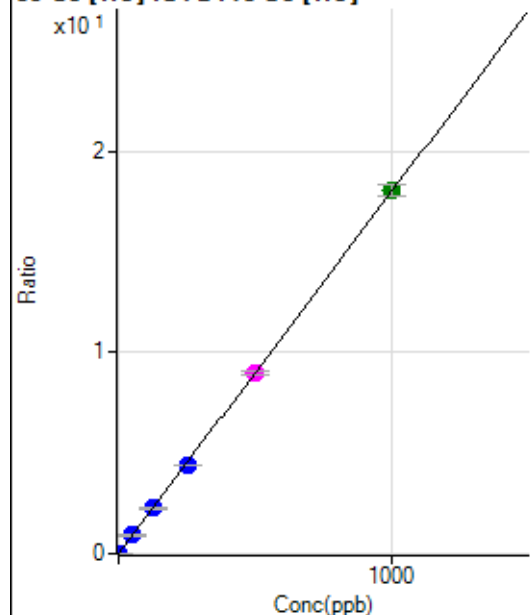
$$DL = 2.798$$

$$BEC = 2.803$$

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	72.22	0.0004	P	37.6
2	☐	1.000	0.914	2820.31	0.0169	P	1.5
3	☐	50.000	50.896	150757.03	0.9168	P	2.4
4	☐	125.000	125.410	362618.63	2.2584	P	2.9
5	☐	250.000	244.001	707213.43	4.3937	P	0.9
6	☐	500.000	497.499	1417305.31	8.9579	M	2.3
7	☐	1000.000	1002.654	2915804.99	18.0532	A	3.1
8	☐			4695.26	0.0281	P	3.6

$$y = 0.0180 * x + 4.2274\text{E-}004$$

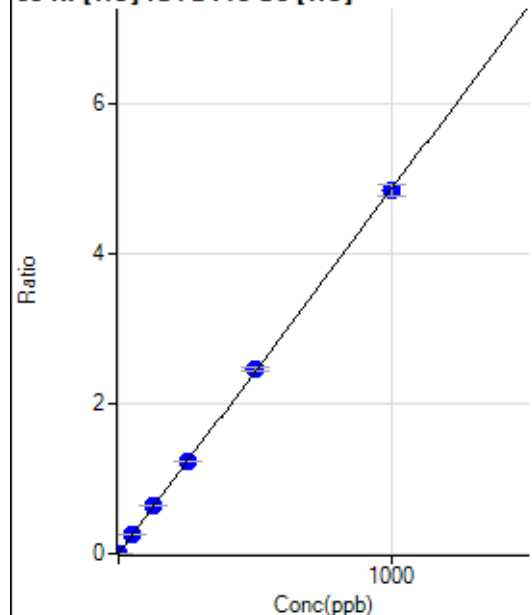
$$R = 1.0000$$

$$DL = 0.02647$$

$$BEC = 0.02348$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0001	P	67.5
2	☐	1.000	1.046	875.59	0.0052	P	5.0
3	☐	50.000	53.859	43104.26	0.2621	P	1.5
4	☐	125.000	132.640	103625.18	0.6454	P	2.4
5	☐	250.000	254.692	199422.99	1.2391	P	0.4
6	☐	500.000	504.910	388576.28	2.4562	P	1.9
7	☐	1000.000	995.224	781927.06	4.8413	P	3.0
8	☐			3074.81	0.0184	P	4.4

$$y = 0.0049 * x + 1.4639E-004$$

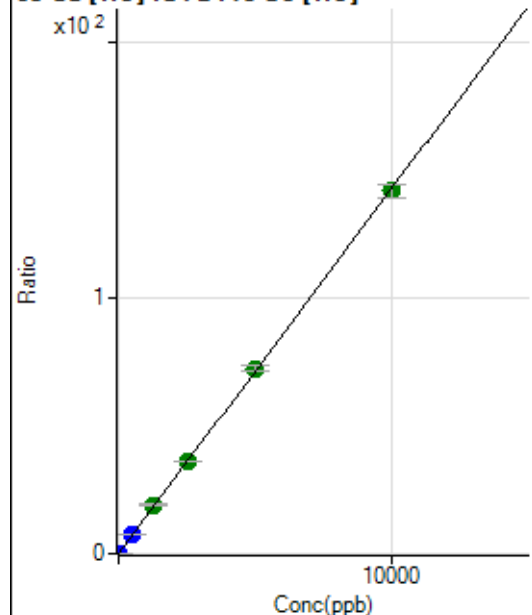
$$R = 1.0000$$

$$DL = 0.06098$$

$$BEC = 0.03009$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565.57	0.0033	P	17.4
2	☐	2.000	1.954	5207.67	0.0312	P	4.8
3	☐	500.000	520.158	1222297.41	7.4333	P	1.6
4	☐	1250.000	1323.765	3036879.23	18.9122	A	3.8
5	☐	2500.000	2522.572	5799241.86	36.0361	A	1.1
6	☐	5000.000	5083.550	11488449.83	72.6176	A	3.7
7	☐	10000.000	9942.353	22937236.88	142.0217	A	3.5
8	☐			22493.50	0.1348	P	3.4

$$y = 0.0143 * x + 0.0033$$

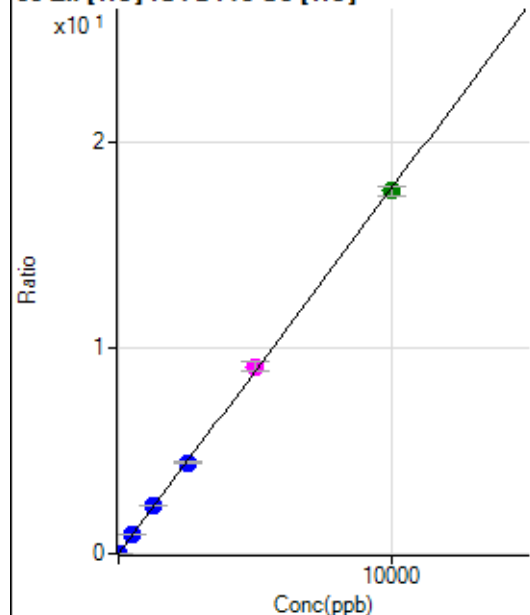
$$R = 0.9999$$

$$DL = 0.119$$

$$BEC = 0.2284$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	267.78	0.0015	P	16.2
2	☐	2.000	1.658	748.92	0.0045	P	8.0
3	☐	500.000	523.746	152859.69	0.9296	P	0.9
4	☐	1250.000	1311.249	373303.35	2.3250	P	3.1
5	☐	2500.000	2488.199	709776.72	4.4105	P	1.1
6	☐	5000.000	5125.618	1437207.60	9.0839	M	5.1
7	☐	10000.000	9931.298	2842713.64	17.5994	A	2.9
8	☐			7864.47	0.0471	P	4.2

$$y = 0.0018 * x + 0.0015$$

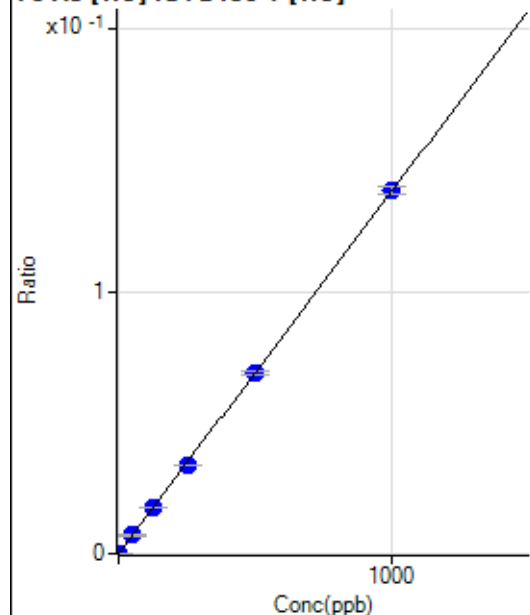
$$R = 0.9999$$

$$DL = 0.4225$$

$$BEC = 0.8706$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.33	0.0000	P	11.5
2	☐	1.000	1.100	177.02	0.0002	P	5.3
3	☐	50.000	50.859	8126.83	0.0070	P	2.4
4	☐	125.000	128.197	19794.18	0.0177	P	2.2
5	☐	250.000	245.348	38231.07	0.0338	P	0.5
6	☐	500.000	497.312	76740.04	0.0686	P	1.9
7	☐	1000.000	1002.064	156801.30	0.1382	P	2.2
8	☐			44.00	0.0000	P	28.1

$$y = 1.3794E-004 * x + 1.8660E-006$$

$$R = 1.0000$$

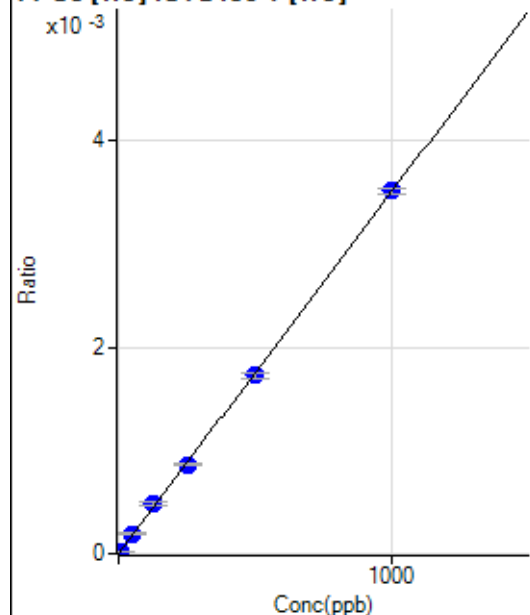
$$DL = 0.004662$$

$$BEC = 0.01353$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.790	23.33	0.0000	P	38.7
3	☐	50.000	54.732	222.23	0.0002	P	4.7
4	☐	125.000	136.755	536.68	0.0005	P	6.8
5	☐	250.000	245.020	970.04	0.0009	P	2.1
6	☐	500.000	492.725	1932.38	0.0017	P	3.9
7	☐	1000.000	1003.173	3989.50	0.0035	P	1.3
8	☐			4.44	0.0000	P	46.9

$$y = 3.5057\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

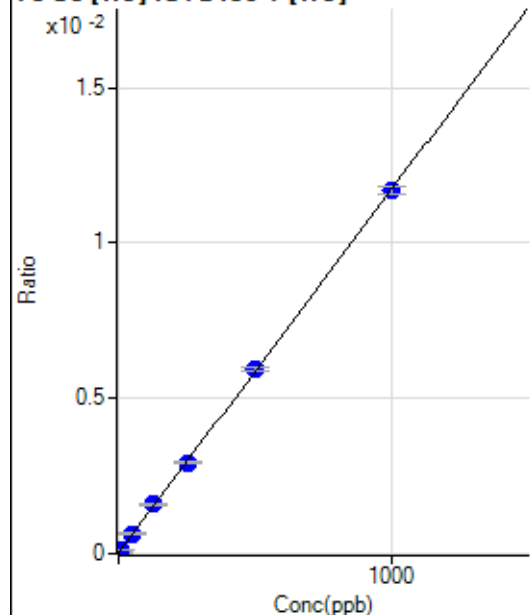
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.33	0.0000	P	9.0
2	☐	5.000	5.795	112.68	0.0001	P	7.4
3	☐	50.000	52.551	746.43	0.0006	P	2.9
4	☐	125.000	132.815	1771.96	0.0016	P	6.8
5	☐	250.000	248.747	3320.06	0.0029	P	1.5
6	☐	500.000	506.221	6656.58	0.0060	P	2.6
7	☐	1000.000	996.094	13250.56	0.0117	P	2.0
8	☐			59.01	0.0000	P	3.0

$$y = 1.1696\text{E-}005 * x + 2.9904\text{E-}005$$

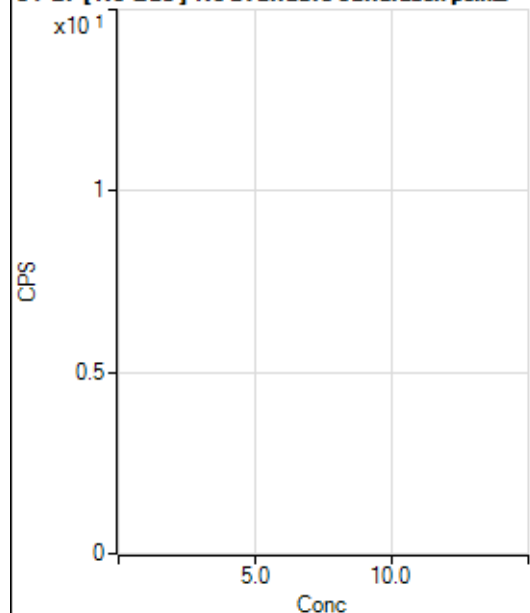
$$R = 0.9999$$

$$DL = 0.6933$$

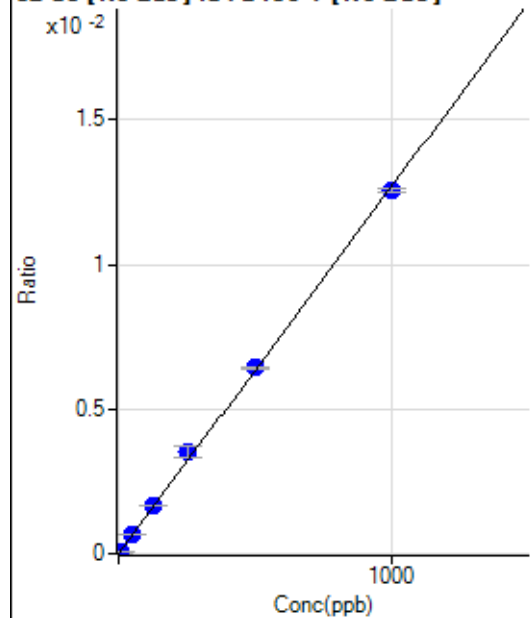
$$BEC = 2.557$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27505.35		P	1.6
2	☐			25997.72		P	3.2
3	☐			26853.40		P	0.7
4	☐			26549.39		P	2.5
5	☐			24082.28		P	3.2
6	☐			24824.33		P	2.5
7	☐			25356.09		P	4.8
8	☐			27502.24		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-29.58	0.0000	P	-55.
2	☐	5.000	5.336	699.11	0.0001	P	2.0
3	☐	50.000	53.301	7315.76	0.0007	P	1.5
4	☐	125.000	132.558	17929.60	0.0017	P	1.5
5	☐	250.000	279.689	34591.72	0.0035	P	11.2
6	☐	500.000	506.001	67345.82	0.0064	P	0.4
7	☐	1000.000	988.466	132927.05	0.0125	P	1.1
8	☐			96.24	0.0000	P	19.6

$$y = 1.2696E-005 * x - 2.7588E-006$$

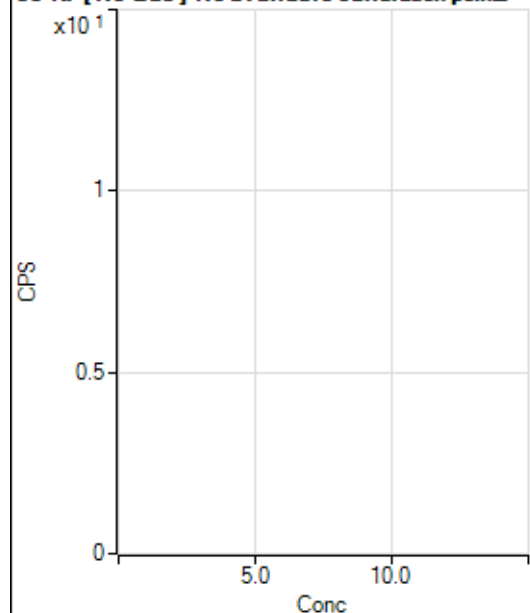
$$R = 0.9995$$

$$DL = 0.3611$$

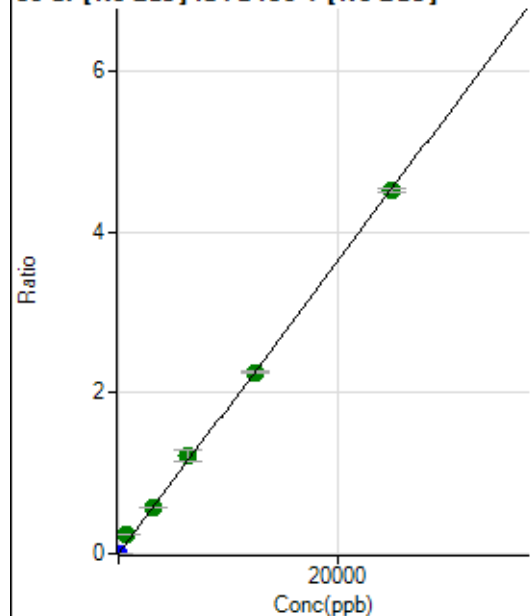
$$BEC = -0.2173$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			342.88		P	6.6
2	☐			318.72		P	5.0
3	☐			325.80		P	3.8
4	☐			299.97		P	13.4
5	☐			289.14		P	7.6
6	☐			297.47		P	3.6
7	☐			316.63		P	4.6
8	☐			336.63		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	619.47	0.0001	P	17.4
2	☐	1.000	0.823	2228.02	0.0002	P	12.3
3	☐	625.000	1293.307	2548388.73	0.2348	A	1.9
4	☐	3125.000	3157.278	6115406.39	0.5730	A	0.2
5	☐	6250.000	6738.866	11918733.17	1.2230	A	11.8
6	☐	12500.000	12452.599	23699715.81	2.2600	A	1.5
7	☐	25000.000	24880.742	47837730.93	4.5155	A	1.0
8	☐			14869.53	0.0013	P	4.6

$$y = 1.8148\text{E-}004 * x + 5.7714\text{E-}005$$

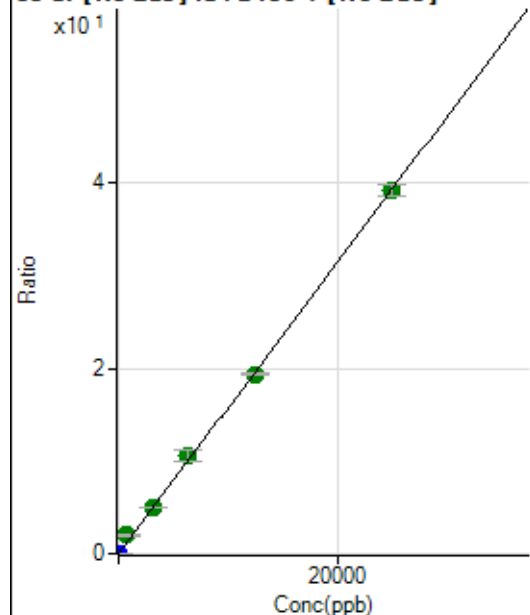
$$R = 0.9995$$

$$DL = 0.1657$$

$$BEC = 0.318$$

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	833.40	0.0001	P	90.9
2	☐	1.000	0.902	16042.92	0.0015	P	2.2
3	☐	625.000	1259.087	21433459.68	1.9745	A	2.8
4	☐	3125.000	3147.874	52671147.01	4.9364	A	2.4
5	☐	6250.000	6706.816	102499783.5	10.5174	A	11.7
6	☐	12500.000	12343.174	202994300.3	19.3560	A	0.4
7	☐	25000.000	24945.497	414379428.7	39.1184	A	3.1
8	☐			124008.92	0.0107	P	4.7

$$y = 0.0016 * x + 7.7632E-005$$

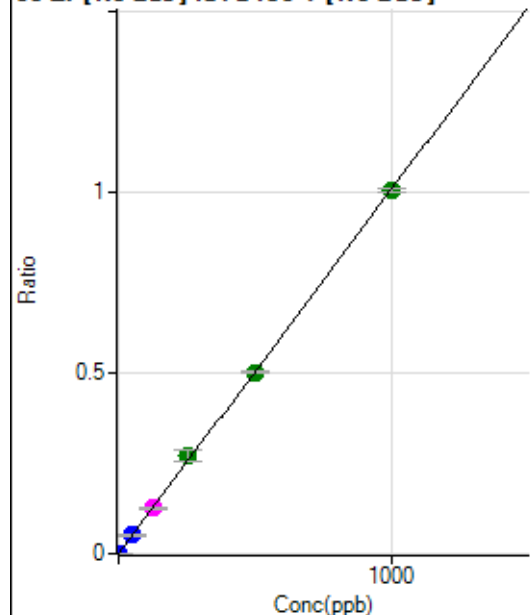
$$R = 0.9995$$

$$DL = 0.135$$

$$BEC = 0.04951$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	677.81	0.0001	P	7.3
2	☐	1.000	0.934	10821.16	0.0010	P	5.0
3	☐	50.000	50.358	552062.84	0.0509	P	1.6
4	☐	125.000	125.027	1346334.24	0.1262	M	2.5
5	☐	250.000	270.719	2662920.94	0.2731	A	11.2
6	☐	500.000	498.307	5272511.75	0.5027	A	1.0
7	☐	1000.000	995.646	10640381.14	1.0044	A	1.2
8	☐			5595.71	0.0005	P	6.2

$$y = 0.0010 * x + 6.3158E-005$$

$$R = 0.9997$$

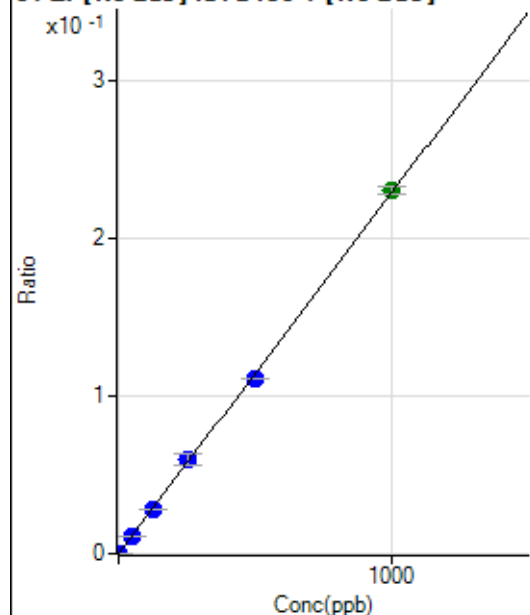
$$DL = 0.01367$$

$$BEC = 0.06261$$

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	125.00	0.0000	P	48.0
2	☐	1.000	0.909	2366.94	0.0002	P	3.7
3	☐	50.000	49.106	122297.80	0.0113	P	3.2
4	☐	125.000	122.691	300135.74	0.0281	P	3.9
5	☐	250.000	260.281	581013.35	0.0597	P	13.0
6	☐	500.000	484.960	1165839.72	0.1112	P	0.8
7	☐	1000.000	1005.283	2441066.94	0.2304	A	2.2
8	☐			1258.42	0.0001	P	11.6

$$y = 2.2920\text{E-}004 * x + 1.1639\text{E-}005$$

$$R = 0.9998$$

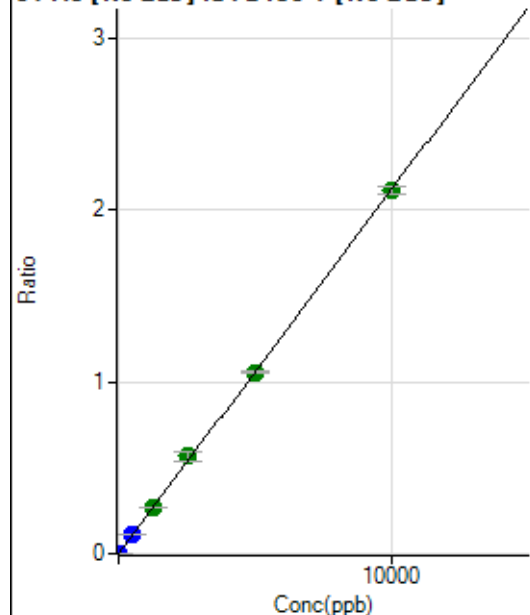
$$DL = 0.07315$$

$$BEC = 0.05078$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0000	P	25.4
2	☐	5.000	5.359	12453.14	0.0012	P	1.6
3	☐	500.000	511.741	1178536.45	0.1086	P	0.5
4	☐	1250.000	1273.325	2882123.11	0.2701	A	3.1
5	☐	2500.000	2667.818	5517235.63	0.5659	A	11.2
6	☐	5000.000	4979.215	11077695.56	1.0563	A	1.1
7	☐	10000.000	9964.935	22391531.75	2.1139	A	2.2
8	☐			8917.08	0.0008	P	8.8

$$y = 2.1213\text{E-}004 * x + 2.0945\text{E-}005$$

$$R = 0.9998$$

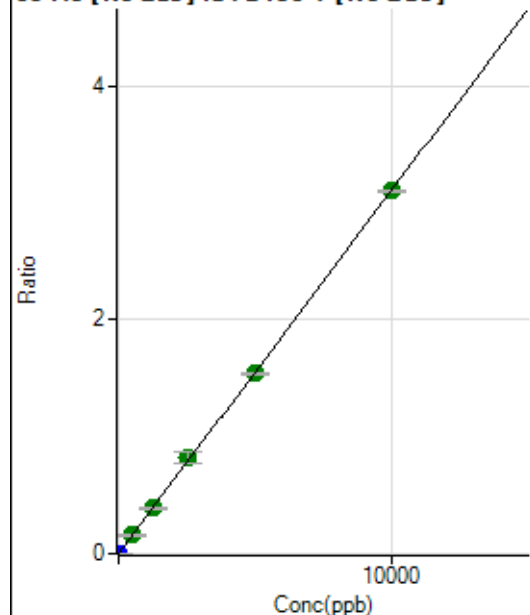
$$DL = 0.07529$$

$$BEC = 0.09874$$

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	30.56	0.0000	P	42.1
2	☐	5.000	4.634	15514.57	0.0014	P	3.9
3	☐	500.000	504.378	1701009.62	0.1567	A	0.8
4	☐	1250.000	1254.135	4157497.19	0.3897	A	3.0
5	☐	2500.000	2643.394	8009113.03	0.8213	A	10.7
6	☐	5000.000	4953.831	16142637.52	1.5391	A	1.7
7	☐	10000.000	9986.500	32871281.98	3.1027	A	0.7
8	☐			12367.00	0.0011	P	8.2

$$y = 3.1069\text{E-}004 * x + 2.8510\text{E-}006$$

$$R = 0.9999$$

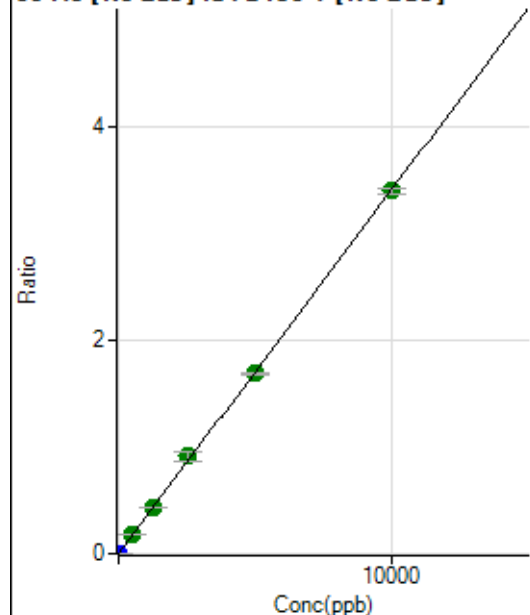
$$DL = 0.01159$$

$$BEC = 0.009176$$

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	152.78	0.0000	P	36.9
2	☐	5.000	4.642	17138.74	0.0016	P	2.1
3	☐	500.000	512.639	1893523.29	0.1744	A	1.3
4	☐	1250.000	1265.765	4595702.79	0.4307	A	1.9
5	☐	2500.000	2674.653	8872784.49	0.9101	A	11.1
6	☐	5000.000	4958.640	17695942.41	1.6872	A	1.4
7	☐	10000.000	9974.415	35960043.51	3.3939	A	1.3
8	☐			20774.49	0.0018	P	7.8

$$y = 3.4026\text{E-}004 * x + 1.4249\text{E-}005$$

$$R = 0.9998$$

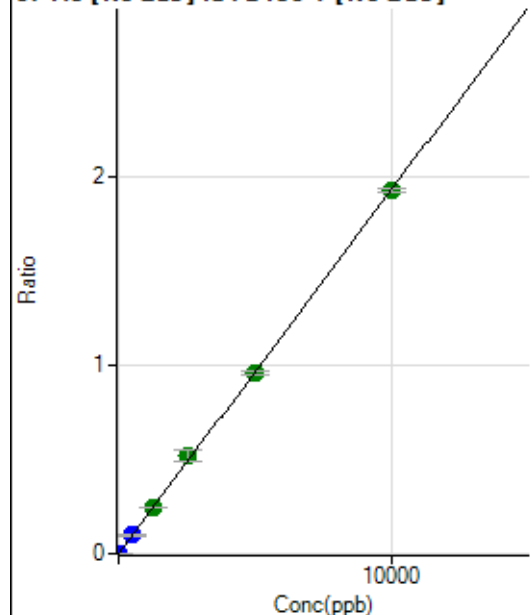
$$DL = 0.04633$$

$$BEC = 0.04188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.5
2	☐	5.000	4.602	9600.86	0.0009	P	2.0
3	☐	500.000	505.630	1060087.43	0.0977	P	1.6
4	☐	1250.000	1268.254	2614287.84	0.2450	A	2.0
5	☐	2500.000	2691.788	5070550.85	0.5199	A	10.5
6	☐	5000.000	4965.311	10057653.17	0.9590	A	1.5
7	☐	10000.000	9966.834	20396271.29	1.9251	A	1.0
8	☐			7655.11	0.0007	P	5.4

$$y = 1.9315E-004 * x + 3.6198E-006$$

$$R = 0.9998$$

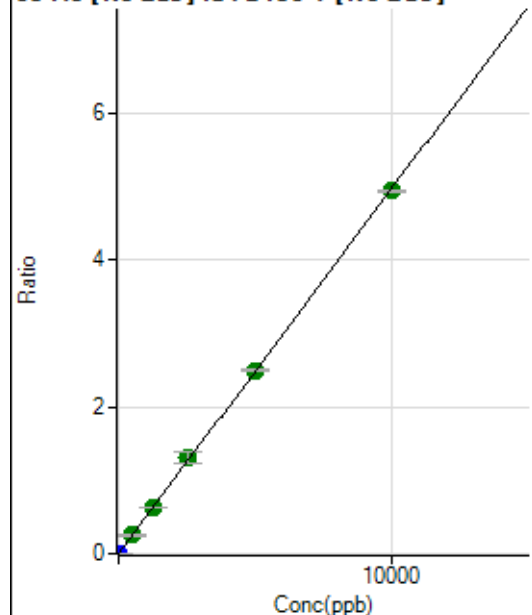
$$DL = 0.01827$$

$$BEC = 0.01874$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	48.2
2	☐	5.000	4.587	24550.19	0.0023	P	2.6
3	☐	500.000	505.596	2722202.54	0.2508	A	2.2
4	☐	1250.000	1267.524	6708466.82	0.6287	A	2.1
5	☐	2500.000	2652.980	12825659.05	1.3159	A	11.6
6	☐	5000.000	5029.912	26166473.33	2.4949	A	1.4
7	☐	10000.000	9944.329	52261948.39	4.9325	A	0.4
8	☐			18727.08	0.0016	P	9.6

$$y = 4.9601E-004 * x + 7.2396E-006$$

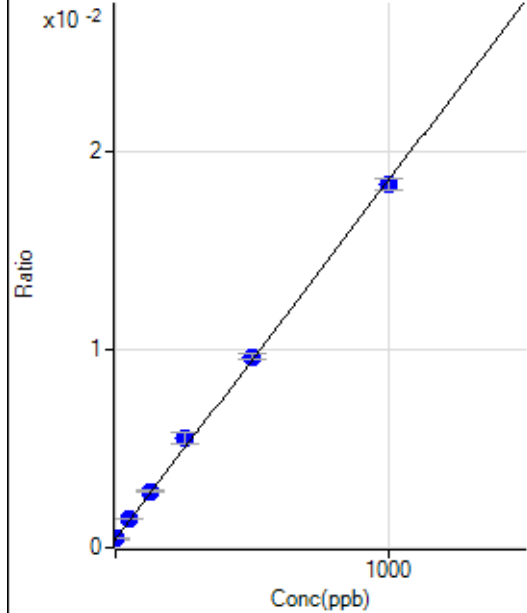
$$R = 0.9999$$

$$DL = 0.02111$$

$$BEC = 0.0146$$

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	4256.33	0.0004	P	8.0
2	☐	1.000	0.384	4264.67	0.0005	P	6.9
3	☐	50.000	55.077	13490.34	0.0014	P	0.5
4	☐	125.000	133.230	27569.89	0.0029	P	2.0
5	☐	250.000	279.684	48937.91	0.0055	P	10.0
6	☐	500.000	508.643	92550.55	0.0097	P	3.1
7	☐	1000.000	986.975	176443.21	0.0183	P	3.2
8	☐			4448.06	0.0005	P	5.8

$$y = 1.8114\text{E-}005 * x + 4.4709\text{E-}004$$

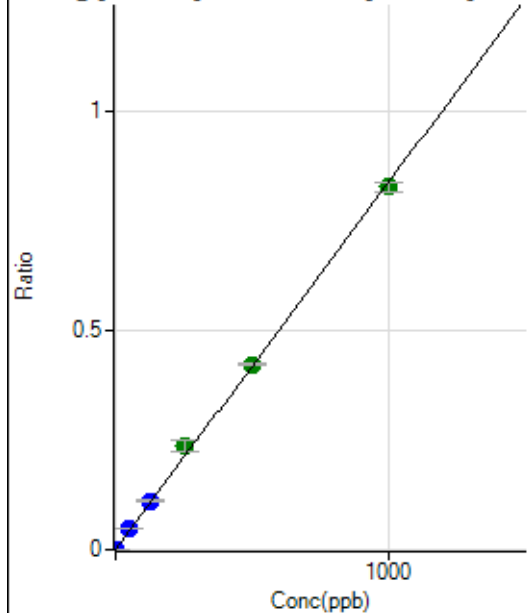
$$R = 0.9994$$

$$DL = 5.939$$

$$BEC = 24.68$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.03	0.0000	P	26.9
2	☐	1.000	0.996	8263.84	0.0009	P	0.3
3	☐	50.000	55.791	437164.54	0.0468	P	2.9
4	☐	125.000	132.954	1074716.81	0.1115	P	2.9
5	☐	250.000	282.331	2098797.40	0.2368	A	12.0
6	☐	500.000	505.175	4059050.65	0.4237	A	2.0
7	☐	1000.000	988.046	7977765.11	0.8286	A	2.9
8	☐			3461.65	0.0004	P	7.2

$$y = 8.3859\text{E-}004 * x + 4.4656\text{E-}005$$

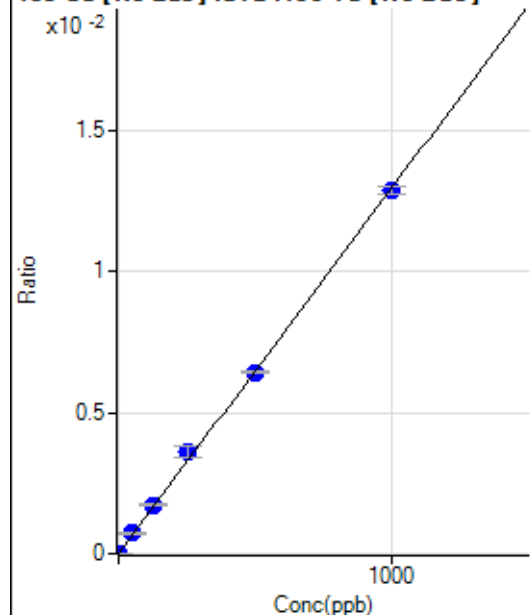
$$R = 0.9994$$

$$DL = 0.04294$$

$$BEC = 0.05325$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.39	0.0000	P	32.7
2	☐	1.000	1.100	159.73	0.0000	P	1.9
3	☐	50.000	55.616	6743.39	0.0007	P	3.2
4	☐	125.000	133.994	16726.98	0.0017	P	5.1
5	☐	250.000	279.288	32063.79	0.0036	P	11.5
6	☐	500.000	496.380	61563.47	0.0064	P	1.3
7	☐	1000.000	993.083	123764.08	0.0129	P	2.1
8	☐			204.17	0.0000	P	14.3

$$y = 1.2939\text{E-}005 * x + 2.7750\text{E-}006$$

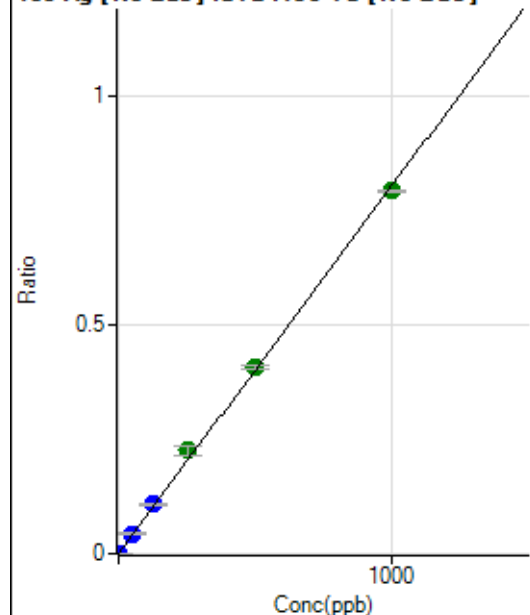
$$R = 0.9995$$

$$DL = 0.2107$$

$$BEC = 0.2145$$

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	300.01	0.0000	P	28.9
2	☐	1.000	1.036	8102.63	0.0009	P	5.6
3	☐	50.000	54.658	409694.64	0.0439	P	2.7
4	☐	125.000	134.143	1037473.98	0.1077	P	2.2
5	☐	250.000	281.292	2003111.14	0.2257	A	9.9
6	☐	500.000	506.809	3896005.73	0.4067	A	2.5
7	☐	1000.000	987.397	7631409.63	0.7923	A	0.6
8	☐			3314.37	0.0003	P	3.1

$$y = 8.0234\text{E-}004 * x + 3.1624\text{E-}005$$

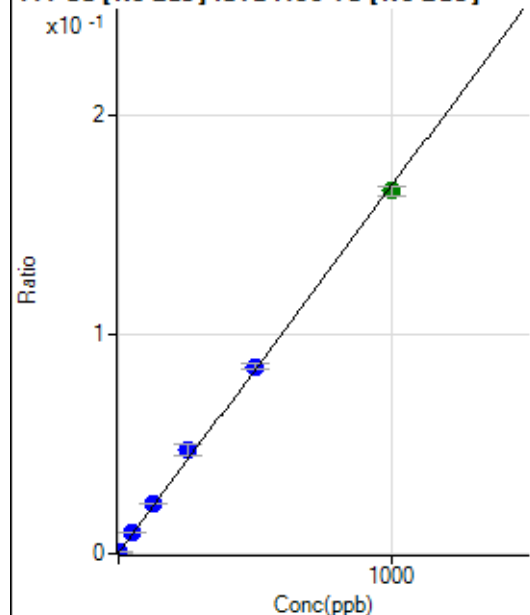
$$R = 0.9994$$

$$DL = 0.03421$$

$$BEC = 0.03941$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2976.24	0.0003	P	8.2
2	☐	1.000	1.022	4541.64	0.0005	P	4.1
3	☐	50.000	56.008	90363.33	0.0097	P	2.6
4	☐	125.000	133.236	217778.79	0.0226	P	1.4
5	☐	250.000	281.075	419739.06	0.0473	P	10.8
6	☐	500.000	508.416	817626.42	0.0853	P	2.8
7	☐	1000.000	986.693	1591870.28	0.1653	A	2.8
8	☐			5325.12	0.0006	P	4.0

$$y = 1.6725\text{E-}004 * x + 3.1263\text{E-}004$$

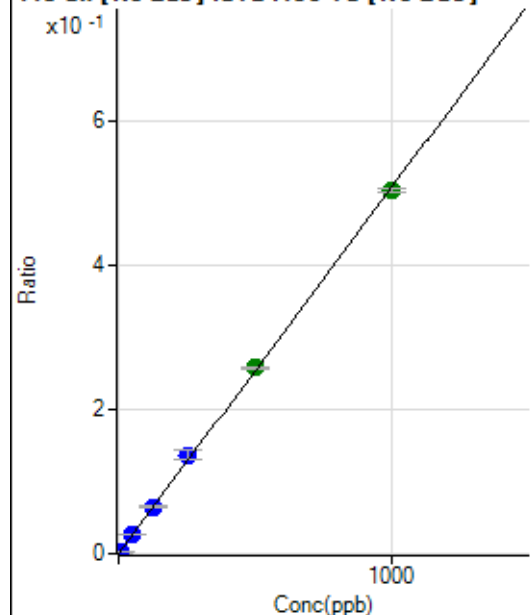
$$R = 0.9994$$

$$DL = 0.4601$$

$$BEC = 1.869$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	594.86	0.0001	P	59.1
2	☐	5.000	4.866	23807.47	0.0025	P	0.3
3	☐	50.000	52.949	251794.33	0.0270	P	2.4
4	☐	125.000	127.642	625554.31	0.0649	P	3.8
5	☐	250.000	269.468	1215172.94	0.1370	P	10.8
6	☐	500.000	507.377	2471157.04	0.2579	A	1.6
7	☐	1000.000	990.967	4851681.40	0.5037	A	0.9
8	☐			7997.03	0.0008	P	4.8

$$y = 5.0821\text{E-}004 * x + 6.2395\text{E-}005$$

$$R = 0.9997$$

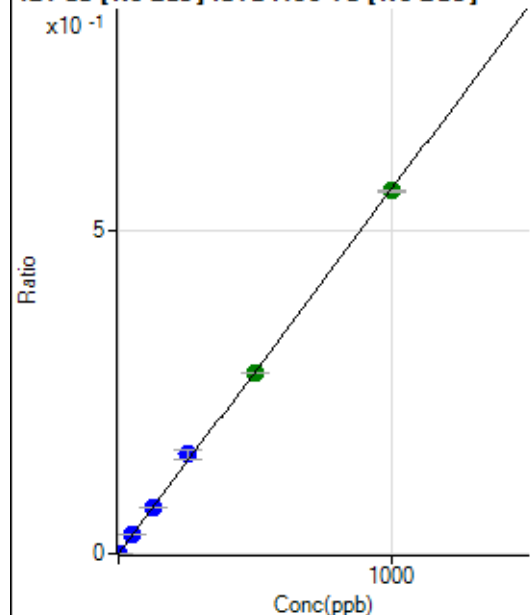
$$DL = 0.2177$$

$$BEC = 0.1228$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	21.8
2	☐	2.000	1.948	10354.20	0.0011	P	5.4
3	☐	50.000	52.835	277796.27	0.0298	P	2.8
4	☐	125.000	126.492	686463.87	0.0712	P	2.4
5	☐	250.000	271.930	1357752.20	0.1531	P	11.3
6	☐	500.000	497.419	2683667.31	0.2801	A	0.5
7	☐	1000.000	995.480	5399845.70	0.5606	A	0.7
8	☐			3972.91	0.0004	P	6.4

$$y = 5.6312\text{E-}004 * x + 5.8299\text{E-}006$$

$$R = 0.9997$$

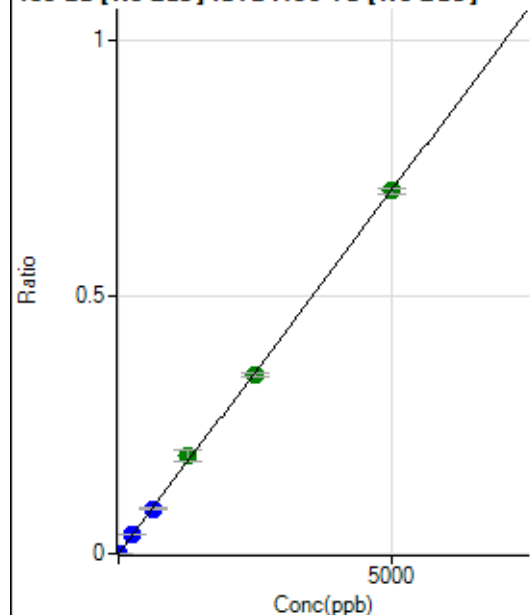
$$DL = 0.006781$$

$$BEC = 0.01035$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	74.8
2	☐	10.000	9.255	12314.26	0.0013	P	2.3
3	☐	250.000	261.016	344416.93	0.0369	P	2.5
4	☐	625.000	617.182	840473.14	0.0872	P	3.4
5	☐	1250.000	1340.678	1679420.09	0.1895	A	11.9
6	☐	2500.000	2465.463	3338487.23	0.3485	A	1.8
7	☐	5000.000	4995.027	6798195.55	0.7060	A	1.7
8	☐			6924.20	0.0007	P	4.7

$$y = 1.4133\text{E-}004 * x + 3.4845\text{E-}006$$

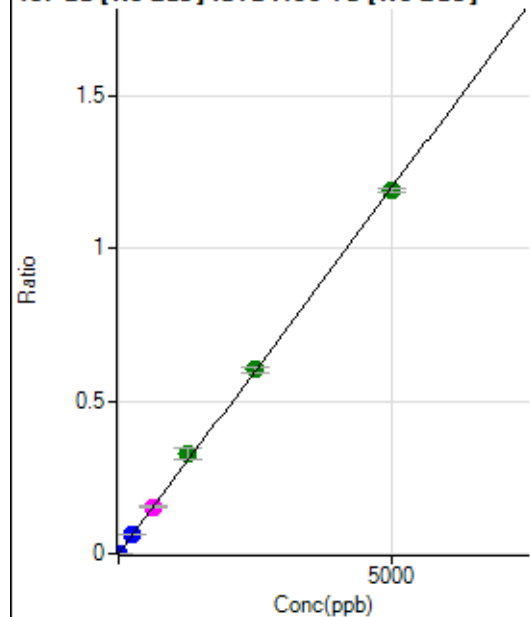
$$R = 0.9998$$

$$DL = 0.05531$$

$$BEC = 0.02465$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	73.8
2	☐	10.000	9.769	22018.49	0.0023	P	3.4
3	☐	250.000	268.482	600275.44	0.0643	P	1.0
4	☐	625.000	633.912	1462302.11	0.1518	M	3.6
5	☐	1250.000	1371.215	2909250.13	0.3283	A	12.2
6	☐	2500.000	2512.003	5761867.88	0.6014	A	2.6
7	☐	5000.000	4961.657	11440653.03	1.1879	A	1.1
8	☐			12122.47	0.0013	P	2.3

$$y = 2.3942\text{E-}004 * x + 6.1203\text{E-}006$$

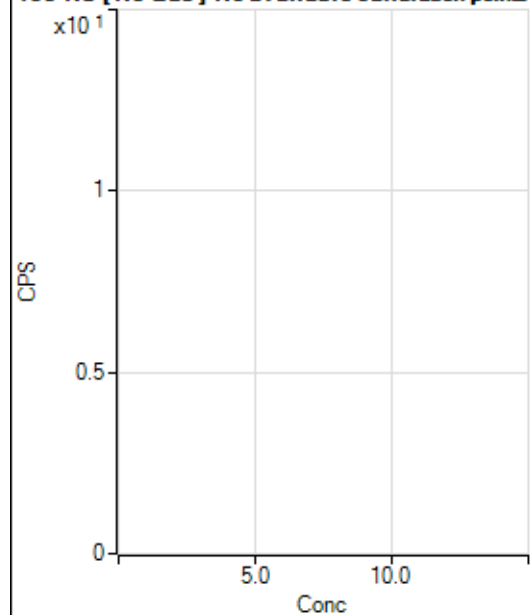
$$R = 0.9997$$

$$DL = 0.05659$$

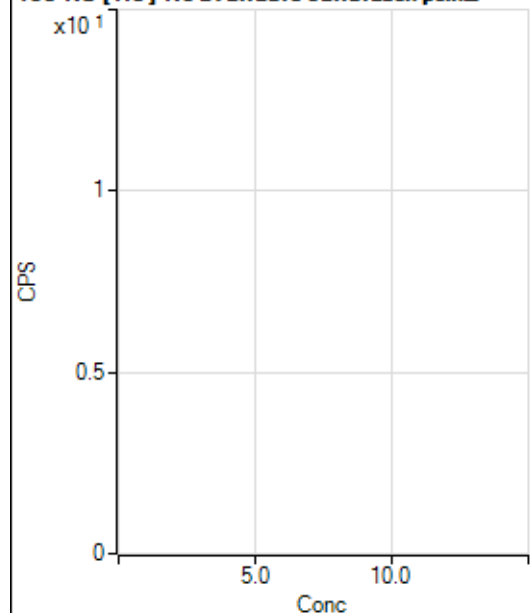
$$BEC = 0.02556$$

Weight: <None>

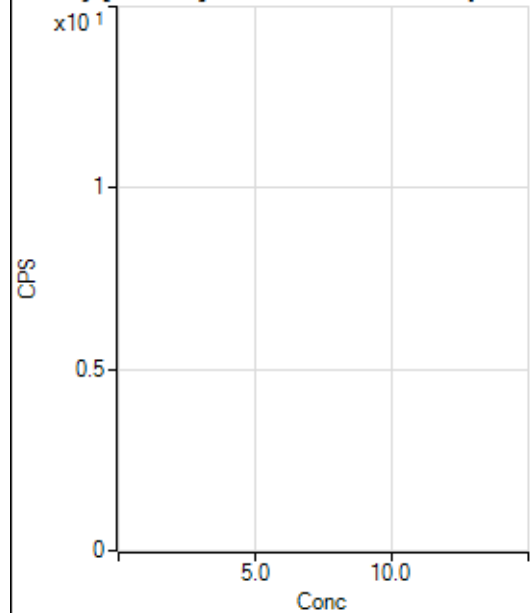
Min Conc: 0

150 Nd [No Gas] No available calibration points

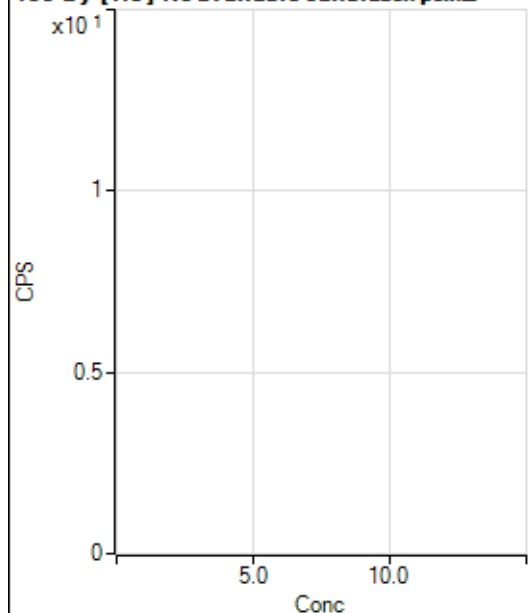
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	43.3
2	☐			2.22		P	173.
3	☐			51.11		P	27.2
4	☐			80.00		P	16.7
5	☐			131.11		P	11.7
6	☐			306.68		P	10.9
7	☐			655.59		P	10.2
8	☐			68.89		P	20.1

150 Nd [He] No available calibration points

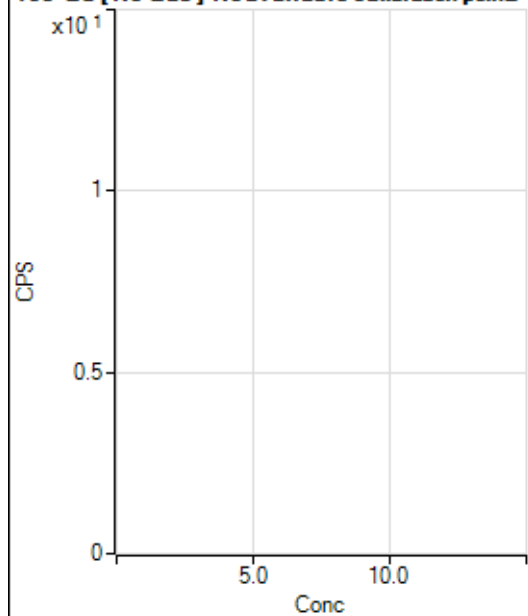
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			7.78		P	49.5
5	☐			6.66		P	86.6
6	☐			23.33		P	79.5
7	☐			26.67		P	37.5
8	☐			21.11		P	48.2

156 Dy [No Gas] No available calibration points

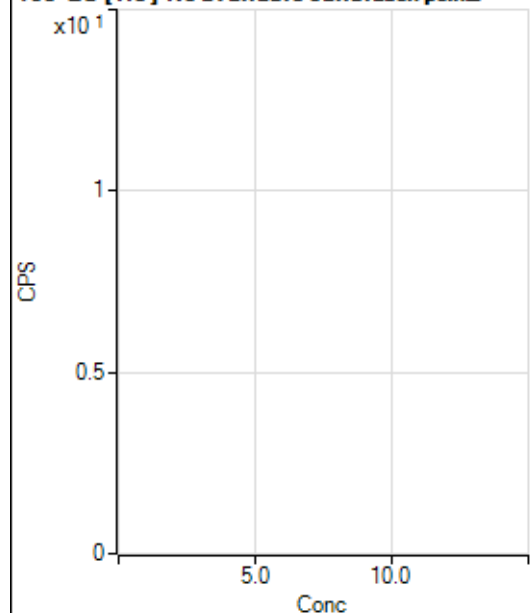
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			11.11		P	43.3
3	☐			36.11		P	48.0
4	☐			61.11		P	51.6
5	☐			88.89		P	43.3
6	☐			177.78		P	7.2
7	☐			358.35		P	22.4
8	☐			986.18		P	4.2

156 Dy [He] No available calibration points

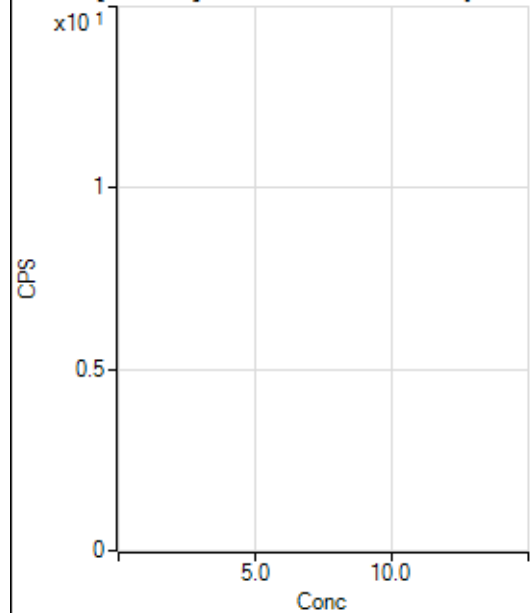
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			13.33		P	50.0
4	☐			21.11		P	24.1
5	☐			44.44		P	18.9
6	☐			94.45		P	7.3
7	☐			163.34		P	7.4
8	☐			340.01		P	9.7

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

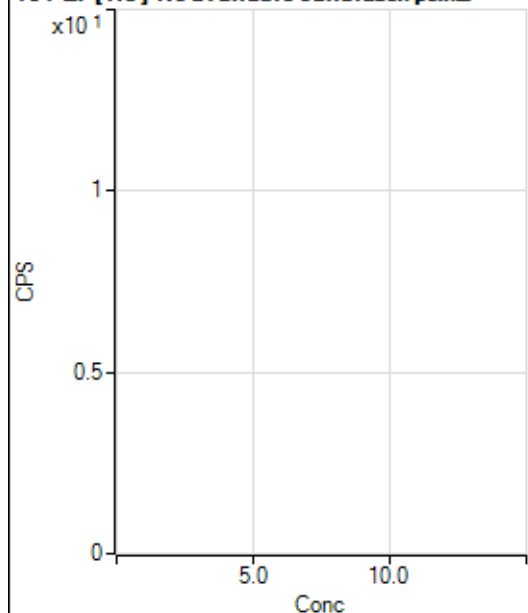
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐			63.89		P	61.6
3	☐			83.33		P	26.5
4	☐			83.34		P	30.0
5	☐			133.34		P	27.2
6	☐			236.12		P	24.8
7	☐			313.90		P	16.9
8	☐			800.05		P	9.9

160 Gd [He] No available calibration points

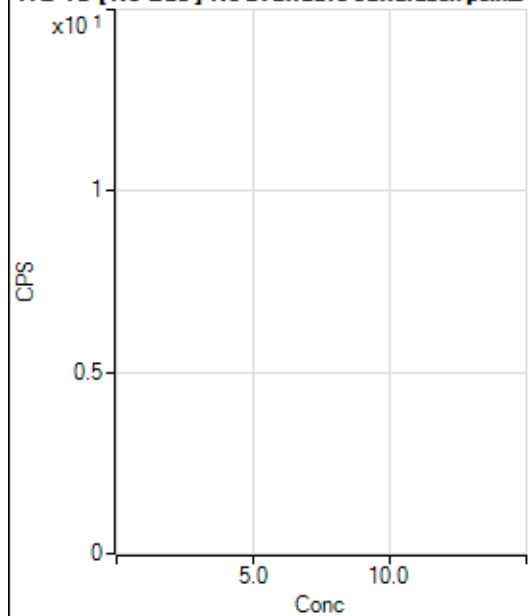
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	24.2
2	☐			136.67		P	19.5
3	☐			110.00		P	22.9
4	☐			136.67		P	13.6
5	☐			157.78		P	23.6
6	☐			194.45		P	13.3
7	☐			288.90		P	11.3
8	☐			502.24		P	3.8

164 Er [No Gas] No available calibration points

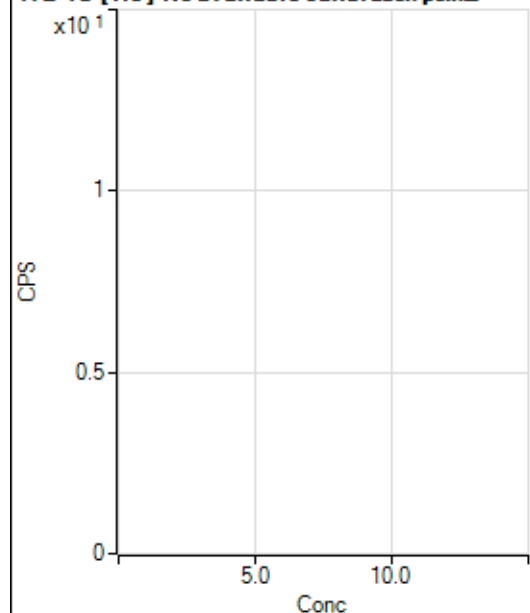
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.44		P	48.5
2	☐			80.56		P	36.3
3	☐			80.56		P	15.8
4	☐			47.22		P	66.8
5	☐			69.45		P	25.0
6	☐			66.67		P	12.5
7	☐			97.22		P	4.9
8	☐			116.67		P	7.1

164 Er [He] No available calibration points

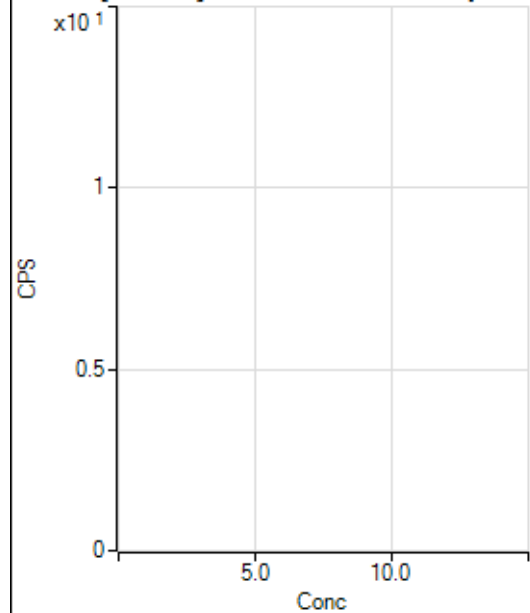
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	6.0
2	☐			28.89		P	37.1
3	☐			25.56		P	39.8
4	☐			25.56		P	58.8
5	☐			28.89		P	24.0
6	☐			24.44		P	20.8
7	☐			38.89		P	55.8
8	☐			48.89		P	20.8

172 Yb [No Gas] No available calibration points

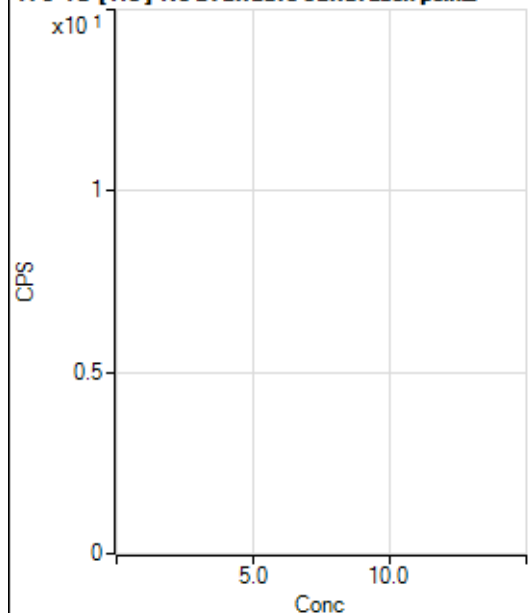
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			38.89		P	81.1
3	☐			36.11		P	35.3
4	☐			41.67		P	20.0
5	☐			41.67		P	60.0
6	☐			111.12		P	26.3
7	☐			136.12		P	40.8
8	☐			152.79		P	40.9

172 Yb [He] No available calibration points

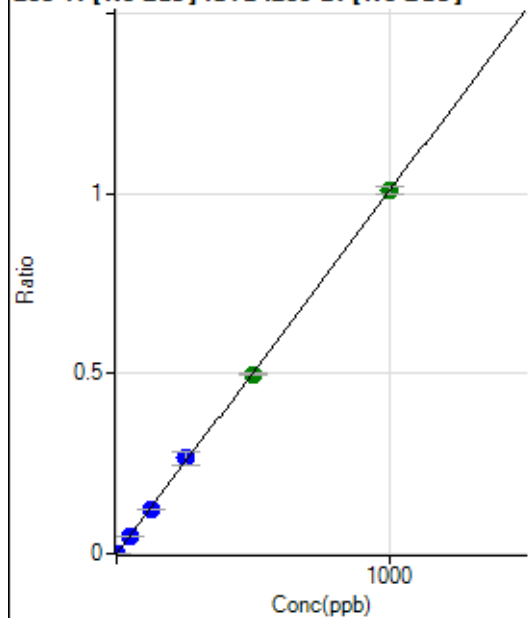
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	0.0
2	☐			12.96		P	65.4
3	☐			16.67		P	57.7
4	☐			20.37		P	63.0
5	☐			29.63		P	43.3
6	☐			37.04		P	37.8
7	☐			81.48		P	3.9
8	☐			68.52		P	12.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1772.40		P	2.7
2	☐			1802.95		P	8.8
3	☐			3100.47		P	4.8
4	☐			4695.43		P	6.4
5	☐			7452.33		P	7.3
6	☐			13206.97		P	1.6
7	☐			25995.69		P	0.8
8	☐			1941.87		P	2.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10111.57		P	14.2
2	☐			9574.04		P	4.3
3	☐			9701.88		P	3.5
4	☐			10548.83		P	2.5
5	☐			11914.88		P	0.7
6	☐			14625.03		P	2.6
7	☐			20458.82		P	1.0
8	☐			9662.98		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	308.35	0.0001	P	11.8
2	☐	1.000	0.901	5670.84	0.0010	P	3.9
3	☐	50.000	48.262	295126.82	0.0487	P	4.3
4	☐	125.000	121.376	743992.20	0.1224	P	0.6
5	☐	250.000	262.542	1473902.08	0.2647	P	13.6
6	☐	500.000	494.903	2961302.74	0.4988	A	0.7
7	☐	1000.000	999.953	5930356.73	1.0079	A	2.0
8	☐			2358.62	0.0004	P	9.2

$$y = 0.0010 * x + 5.0924E-005$$

$$R = 0.9999$$

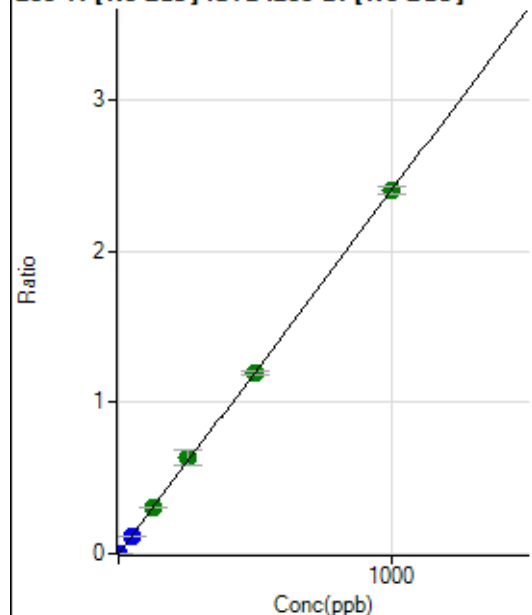
$$DL = 0.01786$$

$$BEC = 0.05053$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	644.48	0.0001	P	3.9
2	☐	1.000	0.914	13629.75	0.0023	P	2.7
3	☐	50.000	48.174	702448.09	0.1159	P	3.9
4	☐	125.000	125.076	1828086.74	0.3007	A	0.7
5	☐	250.000	263.692	3524576.77	0.6339	A	15.4
6	☐	500.000	496.090	7077266.30	1.1924	A	2.1
7	☐	1000.000	998.614	14122977.75	2.4002	A	2.1
8	☐			5818.16	0.0011	P	11.7

$$y = 0.0024 * x + 1.0619E-004$$

$$R = 0.9999$$

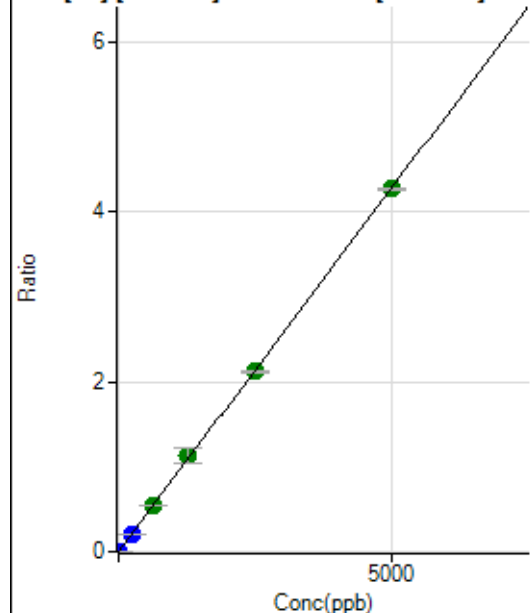
$$DL = 0.005103$$

$$BEC = 0.04418$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	748.18	0.0001	P	15.1
2	☐	1.000	0.892	5243.75	0.0009	P	2.9
3	☐	250.000	240.906	1251103.22	0.2064	P	3.7
4	☐	625.000	629.025	3274923.25	0.5387	A	0.6
5	☐	1250.000	1334.380	6352039.32	1.1427	A	15.7
6	☐	2500.000	2476.417	12586658.27	2.1206	A	1.8
7	☐	5000.000	4990.648	25146774.87	4.2734	A	0.4
8	☐			8069.33	0.0015	P	5.4

$$y = 8.5625E-004 * x + 1.2307E-004$$

$$R = 0.9998$$

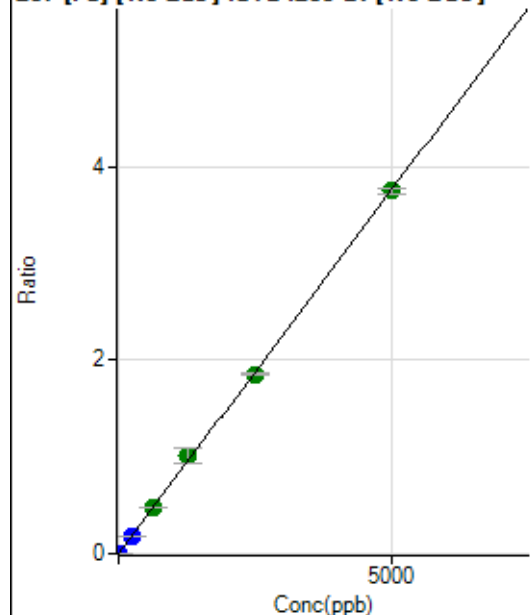
$$DL = 0.06514$$

$$BEC = 0.1437$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	662.99	0.0001	P	11.2
2	☐	1.000	0.850	4426.76	0.0007	P	4.4
3	☐	250.000	244.043	1113439.56	0.1836	P	2.2
4	☐	625.000	640.929	2930975.91	0.4821	A	0.4
5	☐	1250.000	1352.461	5654870.26	1.0173	A	15.7
6	☐	2500.000	2468.456	11022720.50	1.8566	A	0.9
7	☐	5000.000	4988.464	22073629.66	3.7518	A	1.5
8	☐			6687.05	0.0013	P	4.8

$$y = 7.5207\text{E-}004 * x + 1.0917\text{E-}004$$

$$R = 0.9997$$

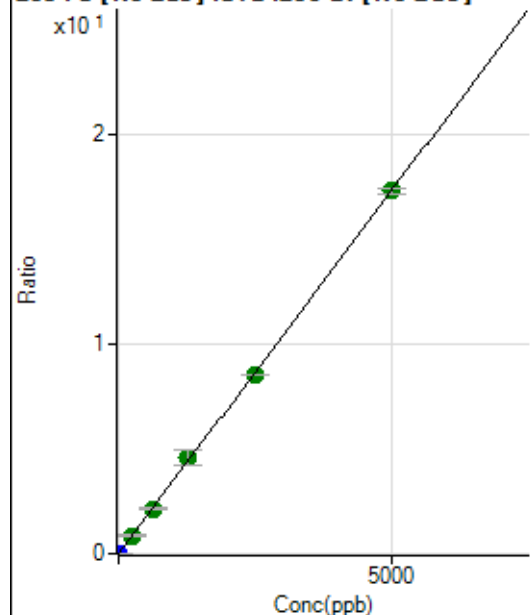
$$DL = 0.04884$$

$$BEC = 0.1452$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2922.41	0.0005	P	12.3
2	☐	1.000	0.863	20480.74	0.0035	P	3.3
3	☐	250.000	250.202	5244076.21	0.8651	A	3.0
4	☐	625.000	620.224	13031472.05	2.1437	A	1.3
5	☐	1250.000	1326.705	25503379.79	4.5849	A	15.0
6	☐	2500.000	2465.636	50583883.54	8.5205	A	0.5
7	☐	5000.000	4998.592	101635250.1	17.2732	A	1.6
8	☐			30773.96	0.0058	P	6.1

$$y = 0.0035 * x + 4.8082\text{E-}004$$

$$R = 0.9998$$

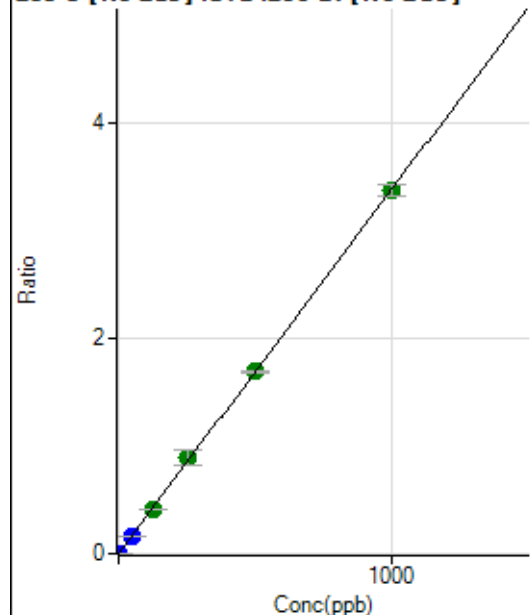
$$DL = 0.05127$$

$$BEC = 0.1391$$

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	77.78	0.0000	P	50.1
2	☐	1.000	0.880	17710.08	0.0030	P	2.4
3	☐	50.000	47.546	976448.30	0.1610	P	1.8
4	☐	125.000	122.900	2530113.25	0.4162	A	1.1
5	☐	250.000	265.282	4990076.85	0.8984	A	16.5
6	☐	500.000	499.951	10050230.43	1.6931	A	1.3
7	☐	1000.000	996.589	19852286.56	3.3749	A	3.2
8	☐			2378.08	0.0004	P	15.8

$$y = 0.0034 * x + 1.2718E-005$$

$$R = 0.9998$$

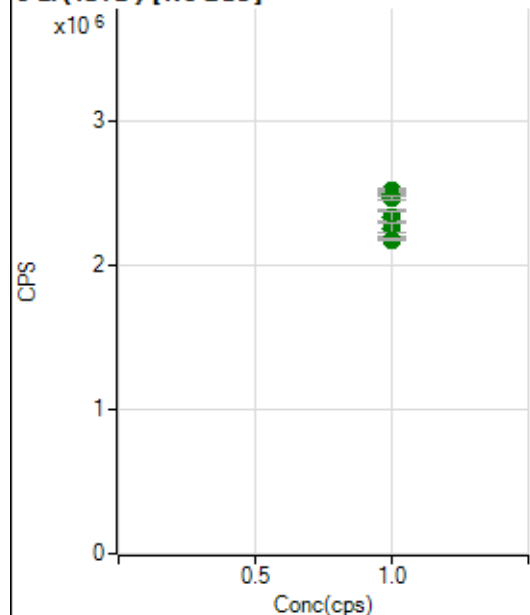
$$DL = 0.005639$$

$$BEC = 0.003755$$

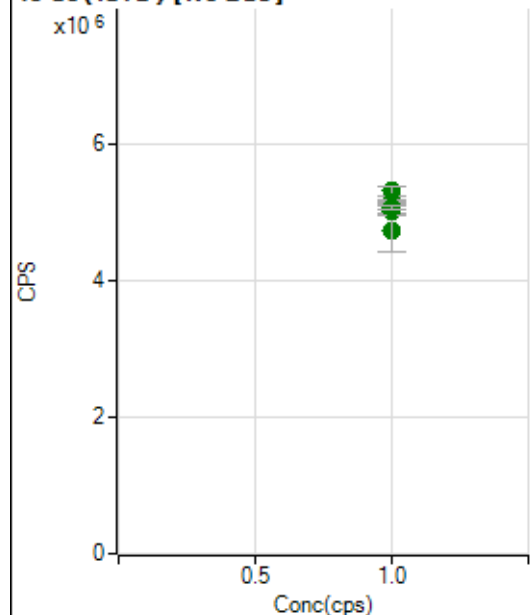
Weight: <None>

Min Conc: 0

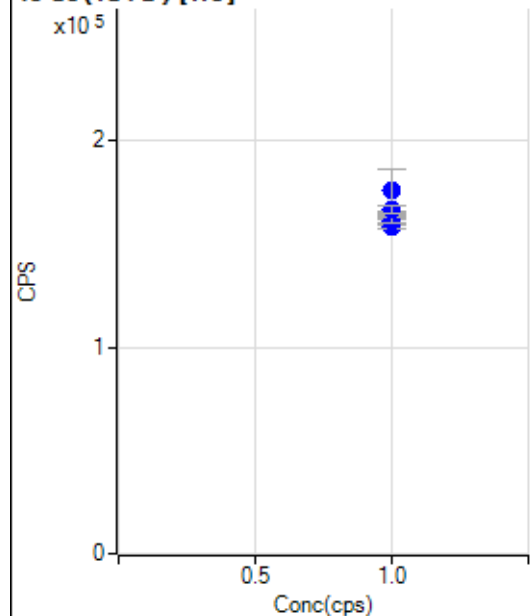
6 Li (ISTD) [No Gas]



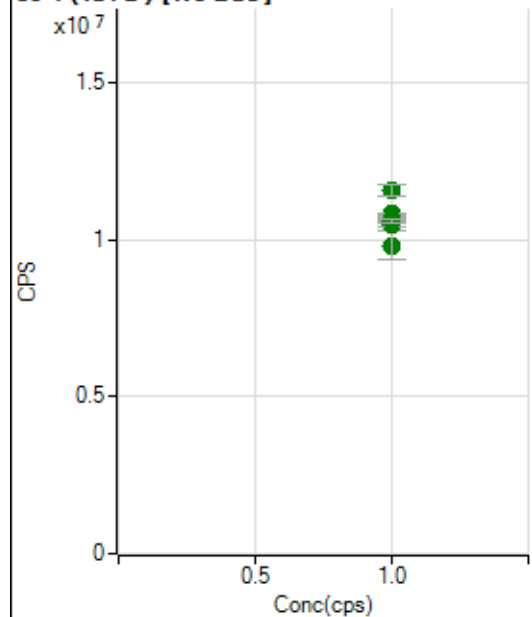
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2516403.24		A	1.6
2	☐	1.000		2497849.07		A	1.8
3	☐	1.000		2485224.61		A	2.3
4	☐	1.000		2467772.89		A	1.2
5	☐	1.000		2297098.93		A	7.9
6	☐	1.000		2339733.55		A	2.4
7	☐	1.000		2258369.95		A	2.6
8	☐	1.000		2180049.53		A	0.6

45 Sc (ISTD) [No Gas]

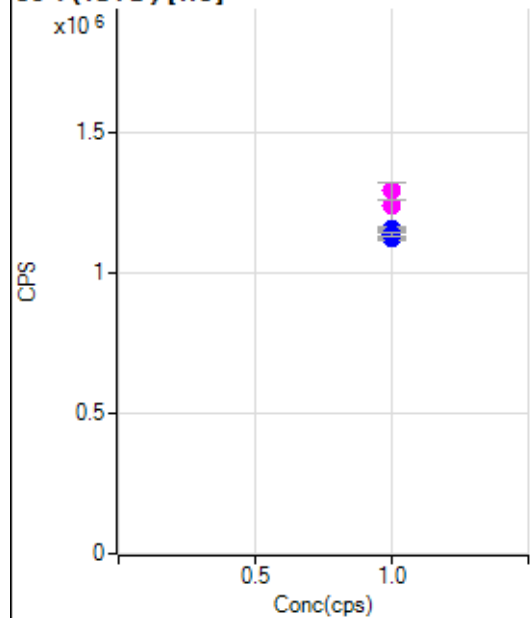
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5327014.82		A	2.4
2	☐	1.000		5174686.80		A	0.5
3	☐	1.000		5158280.30		A	1.2
4	☐	1.000		5180543.99		A	0.3
5	☐	1.000		4744705.35		A	12.6
6	☐	1.000		5035415.65		A	1.2
7	☐	1.000		5056841.90		A	3.6
8	☐	1.000		5084757.04		A	1.3

45 Sc (ISTD) [He]

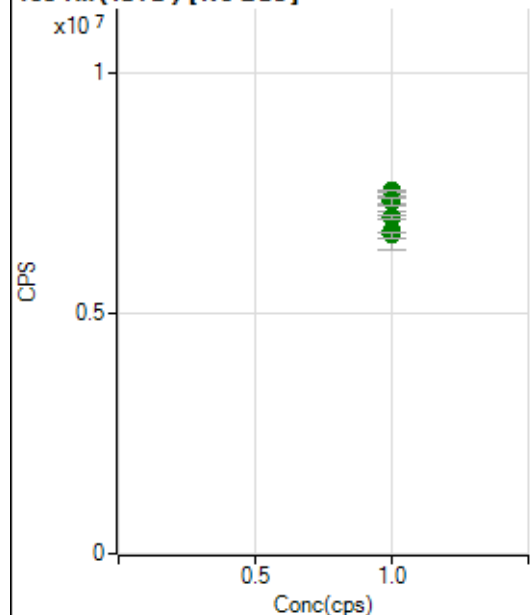
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		175742.20		P	11.8
2	☐	1.000		167168.25		P	1.5
3	☐	1.000		164437.99		P	0.2
4	☐	1.000		160577.73		P	1.7
5	☐	1.000		160950.19		P	2.0
6	☐	1.000		158198.27		P	1.3
7	☐	1.000		161569.42		P	1.7
8	☐	1.000		166949.63		P	2.3

89 Y (ISTD) [No Gas]

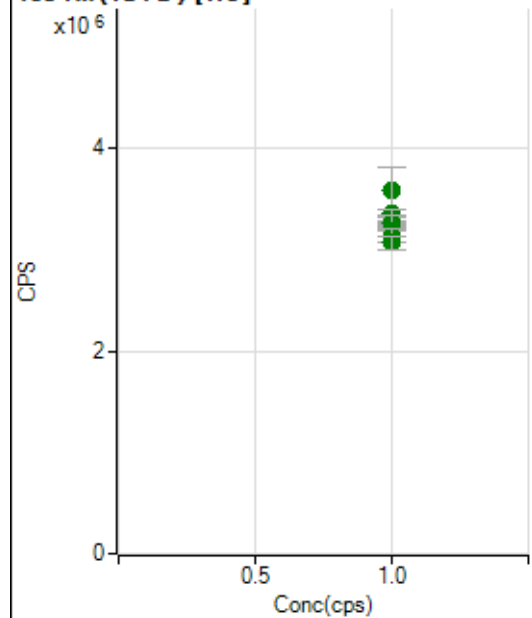
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10734803.04		A	0.6
2	☐	1.000		10756403.31		A	1.0
3	☐	1.000		10854548.17		A	0.3
4	☐	1.000		10671728.66		A	1.1
5	☐	1.000		9817635.06		A	9.4
6	☐	1.000		10487555.05		A	0.9
7	☐	1.000		10595069.22		A	1.6
8	☐	1.000		11558705.10		A	3.1

89 Y (ISTD) [He]

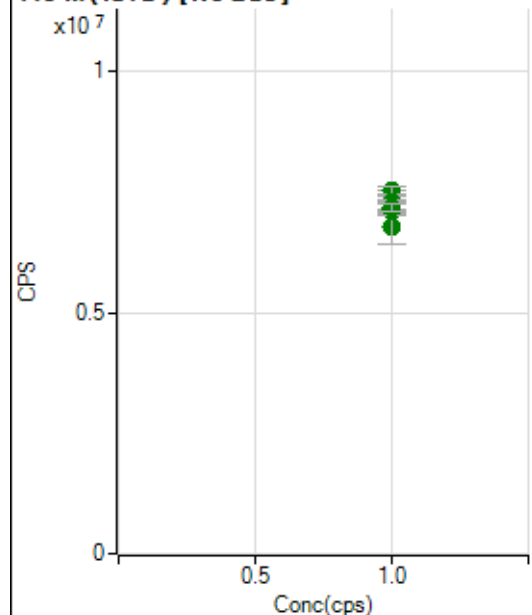
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1239303.86		M	13.3
2	☐	1.000		1153028.57		P	1.2
3	☐	1.000		1158229.96		P	0.9
4	☐	1.000		1119276.88		P	0.4
5	☐	1.000		1129447.22		P	2.7
6	☐	1.000		1118610.41		P	0.7
7	☐	1.000		1134477.39		P	1.2
8	☐	1.000		1289631.08		M	5.1

103 Rh (ISTD) [No Gas]

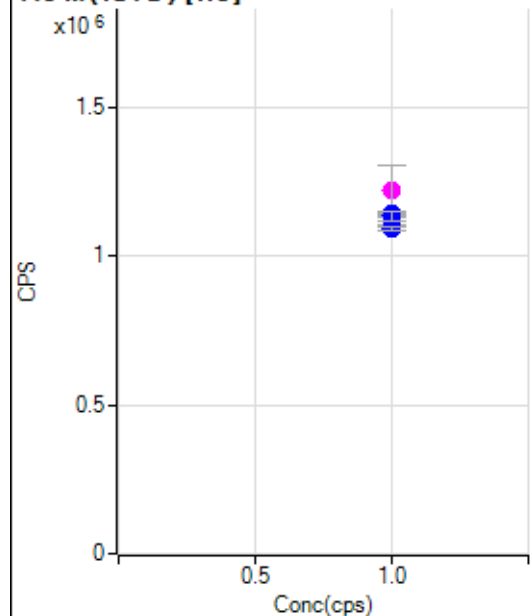
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7534964.67		A	0.4
2	☐	1.000		7313977.51		A	1.8
3	☐	1.000		7343701.90		A	1.9
4	☐	1.000		7321805.11		A	2.3
5	☐	1.000		6704018.33		A	11.7
6	☐	1.000		6991174.72		A	1.4
7	☐	1.000		6999390.26		A	1.3
8	☐	1.000		6612249.41		A	1.5

103 Rh (ISTD) [He]

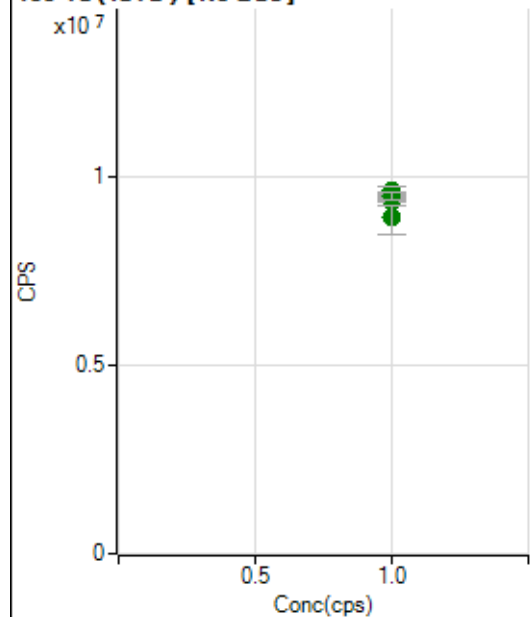
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3584037.69		A	13.1
2	☐	1.000		3366530.33		A	2.5
3	☐	1.000		3274121.37		A	0.9
4	☐	1.000		3234407.45		A	0.6
5	☐	1.000		3268969.78		A	4.6
6	☐	1.000		3194646.97		A	0.7
7	☐	1.000		3135347.49		A	4.2
8	☐	1.000		3074665.27		A	4.1

115 In (ISTD) [No Gas]

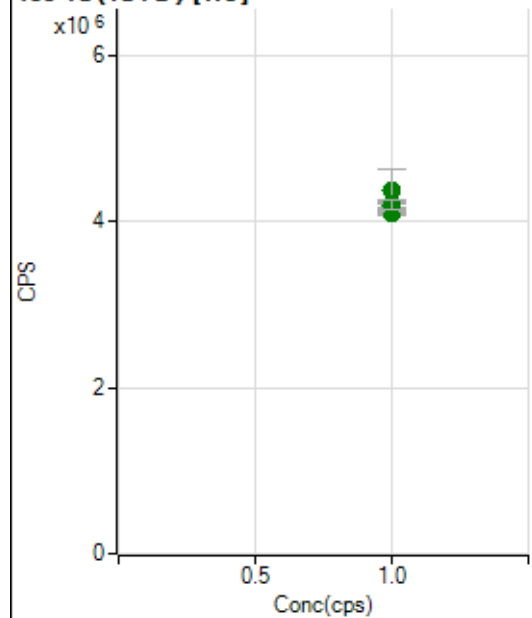
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7458196.55		A	0.3
2	☐	1.000		7477592.03		A	1.5
3	☐	1.000		7530622.99		A	2.2
4	☐	1.000		7310037.48		A	1.1
5	☐	1.000		6787622.52		A	10.6
6	☐	1.000		7105999.50		A	1.1
7	☐	1.000		7164433.46		A	4.0
8	☐	1.000		7183909.53		A	1.7

115 In (ISTD) [He]

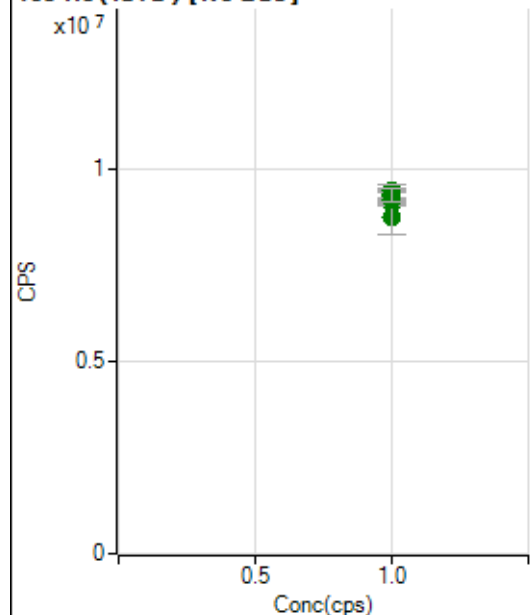
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1218714.85		M	14.2
2	☐	1.000		1144456.03		P	0.7
3	☐	1.000		1134666.70		P	0.7
4	☐	1.000		1104353.02		P	0.3
5	☐	1.000		1096874.76		P	1.6
6	☐	1.000		1092218.14		P	0.9
7	☐	1.000		1089812.03		P	1.3
8	☐	1.000		1133906.73		P	3.0

159 Tb (ISTD) [No Gas]

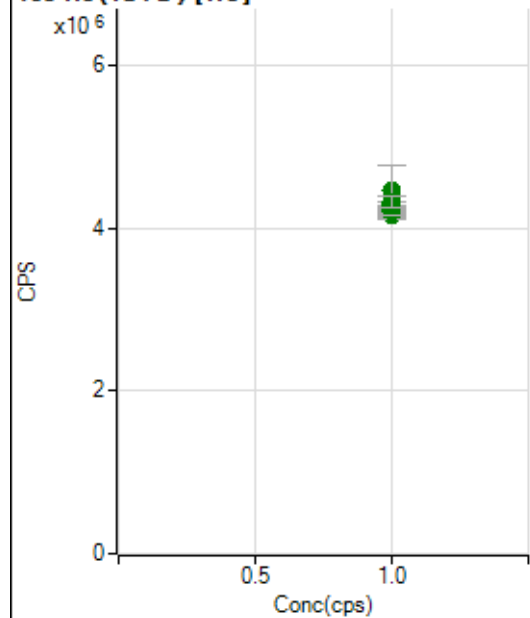
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9512437.15		A	1.6
2	☐	1.000		9389873.68		A	0.7
3	☐	1.000		9337972.57		A	1.7
4	☐	1.000		9639829.79		A	2.4
5	☐	1.000		8930542.09		A	9.5
6	☐	1.000		9580856.94		A	0.4
7	☐	1.000		9632631.25		A	2.7
8	☐	1.000		9512364.51		A	2.1

159 Tb (ISTD) [He]

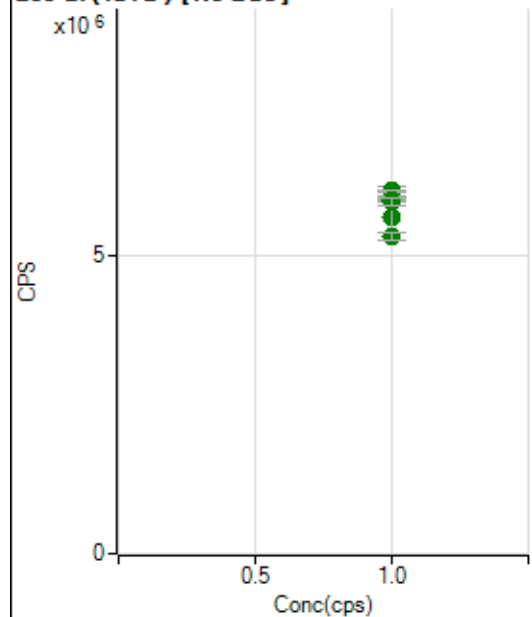
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4368407.89		A	11.8
2	☐	1.000		4103542.16		A	1.6
3	☐	1.000		4119832.09		A	1.5
4	☐	1.000		4183854.11		A	2.3
5	☐	1.000		4148238.97		A	0.9
6	☐	1.000		4193343.34		A	1.8
7	☐	1.000		4213720.91		A	0.4
8	☐	1.000		4195393.27		A	2.9

165 Ho (ISTD) [No Gas]

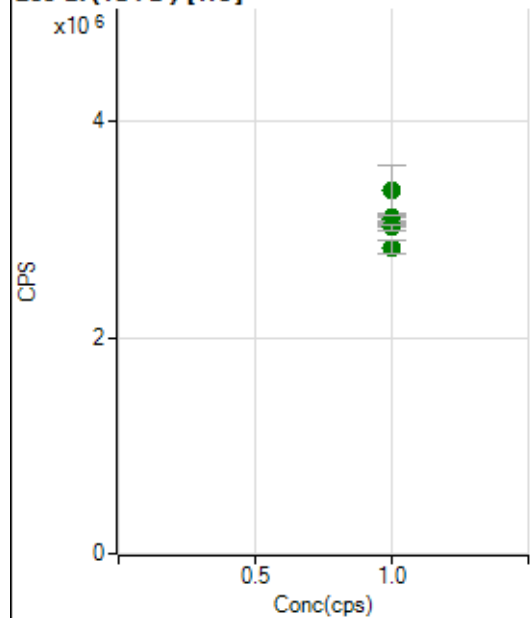
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9090717.30		A	0.6
2	☐	1.000		9155248.55		A	2.3
3	☐	1.000		9318098.99		A	2.4
4	☐	1.000		9320878.59		A	2.0
5	☐	1.000		8749749.76		A	10.2
6	☐	1.000		9202089.88		A	0.9
7	☐	1.000		9430611.24		A	3.7
8	☐	1.000		9327305.68		A	4.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4454311.43		A	14.1
2	☐	1.000		4160021.74		A	2.0
3	☐	1.000		4244430.84		A	1.0
4	☐	1.000		4199495.56		A	1.1
5	☐	1.000		4215362.64		A	3.0
6	☐	1.000		4297653.76		A	1.0
7	☐	1.000		4281792.75		A	1.3
8	☐	1.000		4321611.40		A	2.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6065304.98		A	2.6
2	☐	1.000		5915358.73		A	0.7
3	☐	1.000		6065604.70		A	3.0
4	☐	1.000		6079142.62		A	0.6
5	☐	1.000		5636444.15		A	13.2
6	☐	1.000		5936577.69		A	1.7
7	☐	1.000		5884830.05		A	2.2
8	☐	1.000		5317821.38		A	2.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3357526.03		A	13.9
2	☐	1.000		3113768.46		A	1.8
3	☐	1.000		3095522.25		A	0.8
4	☐	1.000		3083590.34		A	2.0
5	☐	1.000		3081934.57		A	2.7
6	☐	1.000		3048109.78		A	1.7
7	☐	1.000		3017322.84		A	2.1
8	☐	1.000		2838381.24		A	4.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8030923MS.b

Acq. Date-Time 2023-03-09 11:48:12

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8498	84976.19			3.208	5.000
24		77209	772086.99			2.728	5.000
25		10569	105694.82			2.090	5.000
26		12210	122097.53			2.222	5.000
59		65764	657641.74			3.184	5.000
113		6900	68999.72			2.062	5.000
115		86805	868045.94			2.691	5.000
206		20767	207673.04			2.362	5.000
207		19024	190236.45			1.542	5.000
208		45470	454701.02			2.013	5.000
220		0	3.40			44.605	

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

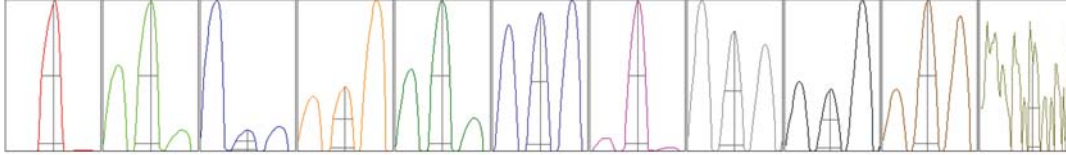
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8868	8514	8440	8560	8107
24	79591	78616	77738	75545	74554
25	10814	10670	10587	10560	10216
26	12512	12247	12312	12206	11772
59	68945	65049	65619	66052	63156
113	7121	6918	6844	6887	6731
115	89946	87803	87289	84632	84353
206	21527	20537	20786	20794	20192
207	19449	18983	19009	19054	18623
208	46965	44797	45143	45690	44756

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15437.77	9.05	8.90 - 9.10	
24	135335.44	24.05	23.90 - 24.10	
25	18467.74	25.00	24.90 - 25.10	
26	21722.16	26.00	25.90 - 26.10	
59	122110.62	59.00	58.90 - 59.10	
113	13704.61	113.05	112.90 - 113.10	
115	173598.77	115.05	114.90 - 115.10	
206	40812.24	206.00	205.90 - 206.10	
207	36245.78	206.95	206.90 - 207.10	
208	88366.03	207.95	207.90 - 208.10	
220	0.40	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.779	0.900	
24	0.61	0.779	0.900	
25	0.60	0.786	0.900	
26	0.60	0.744	0.900	
59	0.57	0.735	0.900	
113	0.52	0.760	0.900	
115	0.52	0.733	0.900	
206	0.52	0.778	0.900	
207	0.53	0.782	0.900	
208	0.53	0.791	0.900	
220	0.30	0.345		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	16.4 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-0.8 mm

EM

Discriminator	4.3 mV	Analog HV	2320 V	Pulse HV	1730 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13726	137255.95			1.112	
89		15253	152525.54			1.020	
205		13701	137007.41			0.671	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13513	13860	13710	13886	13660
89	15100	15217	15204	15516	15227
205	13637	13792	13741	13760	13573

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	5.0 V

US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-0.8 mm

EM

Discriminator	4.3 mV	Analog HV	2320 V	Pulse HV	1730 V

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.18	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.02	-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	-0.03	0.03	0.00	0.00	N/A	ppb
Boron	11-1	0.06	-0.07	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.07	-0.18	0.00	N/A	ppb
Cadmium	106-1	1.31	0.96	-2.28	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.05	0.03	0.00	N/A	ppb
Calcium	43-1	1.40	-0.74	-0.66	0.00	N/A	ppb
Calcium	44-1	0.92	-0.03	-0.89	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	0.03	-0.05	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.94	0.12	-1.06	0.00	N/A	ppb
Iron	56-2	0.08	0.22	-0.31	0.00	N/A	ppb
Iron	57-2	-0.84	1.01	-0.17	0.00	N/A	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.02	0.00	N/A	ppb
Lead	208-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.59	0.11	0.48	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-21.90	5.64	-18.73	-11.66		ppb
Potassium	39-2	6.74	12.08	-18.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.12	-0.12	0.01	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	-0.09	0.26	0.00	N/A	ppb
Silicon	28-1	-2.01	4.79	-2.78	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	0.05	3.52	-3.57	0.00	N/A	ppb
Strontium	86-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Sulfur	34-1	-416.57	151.17	-216.24	-160.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.08	-0.03	-0.05	0.00	N/A	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.05	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.09	0.07	-0.16	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.02	-0.01	0.00	N/A	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.04	20.23	18.31	19.53	5.43	ppb
Antimony	121-1	1.84	2.05	1.96	1.95	5.45	ppb
Arsenic	75-2	1.17	1.07	1.07	1.10	5.34	ppb
Barium	135-1	9.07	9.49	9.21	9.26	2.30	ppb
Barium	137-1	9.53	10.15	9.63	9.77	3.43	ppb
Beryllium	9-1	1.01	1.01	1.00	1.00	0.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	21.38	22.47	23.23	22.36	4.16	ppb
Boron	11-1	22.50	23.54	24.78	23.61	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	0.93	0.98	1.02	11.50	ppb
Cadmium	106-1	2.26	-1.17	0.06	0.38	452.95	ppb
Cadmium	108-1	1.08	1.09	1.13	1.10	2.28	ppb
Calcium	43-1	468.28	475.62	452.97	465.62	2.48	ppb
Calcium	44-1	460.33	462.67	449.43	457.48	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.86	1.92	1.90	1.91	ppb
Cobalt	59-2	0.93	0.91	0.90	0.91	1.50	ppb
Copper	63-2	2.06	1.95	1.85	1.95	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	57.96	50.88	47.39	52.08	10.35	ppb
Iron	56-2	52.17	50.32	47.16	49.89	5.08	ppb
Iron	57-2	48.67	49.47	53.93	50.69	5.60	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.88	0.87	0.89	3.42	ppb
Lead	207-1	0.90	0.81	0.85	0.85	5.10	ppb
Lead	208-1	0.90	0.85	0.84	0.86	3.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	521.24	504.89	478.64	501.59	4.28	ppb
Manganese	55-2	0.99	0.92	0.95	0.96	3.68	ppb
Molybdenum	94-1	5.27	5.44	5.37	5.36	1.60	ppb
Molybdenum	95-1	4.77	4.71	4.43	4.63	3.94	ppb
Molybdenum	96-1	4.55	4.74	4.64	4.64	2.09	ppb
Molybdenum	97-1	4.71	4.53	4.57	4.60	2.03	ppb
Molybdenum	98-1	4.45	4.65	4.66	4.59	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.02	1.11	1.05	5.17	ppb
Phosphorus	31-2	15.24	22.73	-3.00	11.66	113.51	ppb
Potassium	39-2	497.56	478.62	466.50	480.89	3.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	5.38	5.22	5.41	5.34	1.94	ppb
Selenium	77-2	7.50	6.62	3.25	5.79	38.67	ppb
Selenium	78-2	5.08	6.15	6.15	5.79	10.65	ppb
Silicon	28-1	19.54	11.01	16.66	15.74	27.59	ppb
Silver	107-1	1.00	0.99	1.00	1.00	0.31	ppb
Silver	109-1	0.97	1.09	1.05	1.04	5.83	ppb
Sodium	23-2	514.33	504.96	478.04	499.11	3.77	ppb
Strontium	86-1	0.95	0.85	0.67	0.82	17.08	ppb
Strontium	88-1	0.91	0.92	0.88	0.90	2.35	ppb
Sulfur	34-1	201.67	77.15	202.82	160.55	44.99	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.90	0.94	0.86	0.90	4.12	ppb
Thallium	205-1	0.89	0.94	0.91	0.91	2.85	ppb
Tin	118-1	4.85	4.88	4.86	4.87	0.34	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.09	4.90	5.35	5.12	4.42	ppb
Uranium	238-1	0.90	0.86	0.88	0.88	2.45	ppb
Vanadium	51-2	4.75	4.65	4.40	4.60	3.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	1.55	1.89	1.53	1.66	12.14	ppb
Zirconium	90-1	0.98	0.88	0.94	0.93	5.32	ppb
Zirconium	91-1	0.95	0.89	0.89	0.91	3.89	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1074.89	1055.02	1051.53	1060.48	1.19	ppb
Antimony	121-1	51.20	53.28	54.03	52.84	2.77	ppb
Arsenic	75-2	51.67	51.46	49.45	50.86	2.41	ppb
Barium	135-1	253.75	262.99	266.31	261.02	2.49	ppb
Barium	137-1	268.17	266.08	271.20	268.48	0.96	ppb
Beryllium	9-1	50.42	52.21	49.60	50.74	2.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	46.44	51.73	49.16	49.11	5.40	ppb
Boron	11-1	49.35	54.32	54.84	52.84	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	54.41	56.24	57.38	56.01	2.67	ppb
Cadmium	106-1	54.58	55.42	55.23	55.08	0.79	ppb
Cadmium	108-1	53.80	55.63	57.42	55.62	3.26	ppb
Calcium	43-1	5561.41	5514.39	5620.91	5565.57	0.96	ppb
Calcium	44-1	5117.78	5306.39	5248.44	5224.20	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.37	49.18	48.87	49.81	2.73	ppb
Cobalt	59-2	51.60	51.58	49.51	50.90	2.36	ppb
Copper	63-2	528.69	519.82	511.96	520.16	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	2857.16	2738.69	2635.62	2743.82	4.04	ppb
Iron	56-2	2863.33	2736.00	2730.90	2776.74	2.70	ppb
Iron	57-2	2744.49	2676.93	2665.97	2695.80	1.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	230.73	247.03	244.96	240.91	3.68	ppb
Lead	207-1	239.17	249.97	242.99	244.04	2.24	ppb
Lead	208-1	241.90	256.45	252.25	250.20	2.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	5799.83	5594.95	5624.27	5673.02	1.95	ppb
Manganese	55-2	512.20	497.94	497.78	502.64	1.65	ppb
Molybdenum	94-1	509.82	510.85	514.55	511.74	0.49	ppb
Molybdenum	95-1	499.65	507.58	505.90	504.38	0.83	ppb
Molybdenum	96-1	506.09	519.87	511.95	512.64	1.35	ppb
Molybdenum	97-1	496.33	509.39	511.17	505.63	1.60	ppb
Molybdenum	98-1	493.13	513.93	509.73	505.60	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.75	53.65	53.18	53.86	1.50	ppb
Phosphorus	31-2	1164.79	1005.15	1009.36	1059.77	8.58	ppb
Potassium	39-2	2668.68	2655.61	2627.60	2650.63	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	52.50	54.08	53.33	53.30	1.48	ppb
Selenium	77-2	57.65	52.92	53.63	54.73	4.66	ppb
Selenium	78-2	51.65	54.41	51.59	52.55	3.06	ppb
Silicon	28-1	84.23	72.33	80.62	79.06	7.72	ppb
Silver	107-1	54.27	55.60	57.50	55.79	2.91	ppb
Silver	109-1	52.97	55.43	55.57	54.66	2.67	ppb
Sodium	23-2	5562.68	5652.50	5474.50	5563.23	1.60	ppb
Strontium	86-1	1277.55	1322.03	1280.34	1293.31	1.93	ppb
Strontium	88-1	1240.24	1299.64	1237.38	1259.09	2.79	ppb
Sulfur	34-1	1517.81	1300.77	1263.92	1360.83	10.08	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	45.89	49.54	49.35	48.26	4.26	ppb
Thallium	205-1	46.01	49.36	49.15	48.17	3.89	ppb
Tin	118-1	51.71	52.90	54.24	52.95	2.39	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	544.67	528.32	523.05	532.01	2.12	ppb
Uranium	238-1	46.56	47.94	48.14	47.55	1.81	ppb
Vanadium	51-2	51.40	50.29	48.80	50.16	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	528.93	522.17	520.14	523.75	0.88	ppb
Zirconium	90-1	49.55	51.20	50.32	50.36	1.63	ppb
Zirconium	91-1	47.69	50.82	48.81	49.11	3.23	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2700.84	2666.07	2555.99	2640.97	2.86	ppb
Antimony	121-1	125.36	129.88	124.24	126.49	2.36	ppb
Arsenic	75-2	131.14	127.83	125.62	128.20	2.17	ppb
Barium	135-1	610.25	640.76	600.53	617.18	3.40	ppb
Barium	137-1	630.27	658.24	613.23	633.91	3.59	ppb
Beryllium	9-1	128.33	127.96	124.05	126.78	1.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	116.05	123.93	127.89	122.62	4.92	ppb
Boron	11-1	125.56	131.39	132.69	129.88	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	132.22	135.38	132.10	133.24	1.39	ppb
Cadmium	106-1	130.10	136.45	133.14	133.23	2.38	ppb
Cadmium	108-1	136.08	139.58	126.32	133.99	5.13	ppb
Calcium	43-1	13327.40	13392.92	13461.43	13393.92	0.50	ppb
Calcium	44-1	12795.76	12812.99	12413.07	12673.94	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.36	125.78	121.34	125.16	2.84	ppb
Cobalt	59-2	128.24	126.61	121.38	125.41	2.86	ppb
Copper	63-2	1374.22	1322.91	1274.16	1323.77	3.78	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				94		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	6880.63	6854.83	6526.17	6753.88	2.93	ppb
Iron	56-2	7178.19	6966.94	6726.11	6957.08	3.25	ppb
Iron	57-2	6920.97	6770.58	6463.97	6718.51	3.47	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	630.66	632.00	624.42	629.03	0.64	ppb
Lead	207-1	638.53	641.09	643.17	640.93	0.36	ppb
Lead	208-1	612.35	628.01	620.32	620.22	1.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	14517.82	14035.59	13733.29	14095.57	2.81	ppb
Manganese	55-2	1298.79	1292.27	1215.00	1268.68	3.67	ppb
Molybdenum	94-1	1232.07	1310.32	1277.59	1273.32	3.09	ppb
Molybdenum	95-1	1225.13	1296.60	1240.67	1254.13	3.00	ppb
Molybdenum	96-1	1243.00	1290.62	1263.68	1265.76	1.89	ppb
Molybdenum	97-1	1286.11	1279.54	1239.11	1268.25	2.01	ppb
Molybdenum	98-1	1240.00	1293.83	1268.74	1267.52	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.60	133.14	129.18	132.64	2.44	ppb
Phosphorus	31-2	2400.27	2456.94	2576.63	2477.95	3.63	ppb
Potassium	39-2	6796.30	6571.15	6561.99	6643.14	2.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	131.07	134.74	131.87	132.56	1.46	ppb
Selenium	77-2	126.24	143.68	140.35	136.75	6.77	ppb
Selenium	78-2	142.89	124.90	130.66	132.82	6.92	ppb
Silicon	28-1	151.87	167.93	179.66	166.49	8.38	ppb
Silver	107-1	132.83	136.92	129.11	132.95	2.94	ppb
Silver	109-1	134.33	136.95	131.15	134.14	2.17	ppb
Sodium	23-2	14368.66	14014.62	13679.94	14021.07	2.46	ppb
Strontium	86-1	3160.08	3160.34	3151.41	3157.28	0.16	ppb
Strontium	88-1	3063.97	3207.99	3171.66	3147.87	2.38	ppb
Sulfur	34-1	2987.58	2997.71	2809.66	2931.65	3.61	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	120.84	121.15	122.15	121.38	0.56	ppb
Thallium	205-1	125.99	124.38	124.85	125.08	0.66	ppb
Tin	118-1	126.77	132.93	123.22	127.64	3.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1278.56	1350.84	1307.78	1312.39	2.77	ppb
Uranium	238-1	124.01	123.31	121.37	122.90	1.11	ppb
Vanadium	51-2	129.42	123.10	120.74	124.42	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1341.40	1326.54	1265.80	1311.25	3.05	ppb
Zirconium	90-1	122.34	128.51	124.22	125.03	2.53	ppb
Zirconium	91-1	117.34	126.53	124.20	122.69	3.89	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5063.91	5020.50	5009.81	5031.41	0.57	ppb
Antimony	121-1	256.80	251.72	307.28	271.93	11.30	ppb
Arsenic	75-2	246.72	245.21	244.11	245.35	0.53	ppb
Barium	135-1	1244.69	1252.46	1524.88	1340.68	11.90	ppb
Barium	137-1	1278.69	1271.20	1563.76	1371.22	12.16	ppb
Beryllium	9-1	246.94	251.53	296.25	264.91	10.28	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	226.46	253.21	306.02	261.90	15.46	ppb
Boron	11-1	242.51	270.73	321.23	278.15	14.34	ppb
Bromine	81-1						cps
Cadmium	111-1	260.13	267.02	316.07	281.07	10.85	ppb
Cadmium	106-1	254.72	270.75	313.58	279.68	10.88	ppb
Cadmium	108-1	258.86	262.80	316.21	279.29	11.47	ppb
Calcium	43-1	26477.27	26134.20	33560.17	28723.88	14.59	ppb
Calcium	44-1	24799.81	24979.60	31840.82	27206.74	14.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.45	242.82	240.29	241.52	0.52	ppb
Cobalt	59-2	245.29	245.37	241.34	244.00	0.94	ppb
Copper	63-2	2491.72	2542.93	2533.07	2522.57	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	54-2	13270.61	12954.62	12906.49	13043.91	1.52	ppb
Iron	56-2	13578.45	13225.73	13225.65	13343.28	1.53	ppb
Iron	57-2	13133.62	13062.27	13054.33	13083.41	0.33	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1206.64	1220.47	1576.03	1334.38	15.69	ppb
Lead	207-1	1218.84	1241.28	1597.27	1352.46	15.70	ppb
Lead	208-1	1195.52	1228.15	1556.45	1326.70	15.05	ppb
Lithium	6-1				91		%
Magnesium	24-2	27683.79	26468.55	26791.94	26981.43	2.33	ppb
Manganese	55-2	2511.95	2550.47	2470.38	2510.93	1.60	ppb
Molybdenum	94-1	2465.55	2527.28	3010.62	2667.82	11.19	ppb
Molybdenum	95-1	2463.04	2499.05	2968.09	2643.39	10.66	ppb
Molybdenum	96-1	2492.50	2515.36	3016.10	2674.65	11.06	ppb
Molybdenum	97-1	2515.33	2541.38	3018.65	2691.79	10.53	ppb
Molybdenum	98-1	2435.94	2518.90	3004.10	2652.98	11.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.24	255.83	254.01	254.69	0.39	ppb
Phosphorus	31-2	4996.60	4979.02	4955.15	4976.92	0.42	ppb
Potassium	39-2	12984.15	12876.05	12551.98	12804.06	1.76	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	260.59	262.79	315.69	279.69	11.15	ppb
Selenium	77-2	241.92	250.83	242.32	245.02	2.05	ppb
Selenium	78-2	249.57	252.09	244.59	248.75	1.53	ppb
Silicon	28-1	283.62	309.09	442.96	345.22	24.79	ppb
Silver	107-1	260.72	265.02	321.25	282.33	11.96	ppb
Silver	109-1	265.04	265.27	313.57	281.29	9.94	ppb
Sodium	23-2	27294.39	26239.88	26272.80	26602.35	2.25	ppb
Strontium	86-1	6166.75	6402.62	7647.23	6738.87	11.80	ppb
Strontium	88-1	6144.18	6372.44	7603.82	6706.82	11.71	ppb
Sulfur	34-1	5892.49	5574.33	9488.13	6984.98	31.12	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	240.92	242.91	303.80	262.54	13.61	ppb
Thallium	205-1	237.07	243.45	310.56	263.69	15.44	ppb
Tin	118-1	251.93	253.39	303.08	269.47	10.81	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2587.77	2566.95	3253.17	2802.63	13.93	ppb
Uranium	238-1	239.62	240.28	315.95	265.28	16.54	ppb
Vanadium	51-2	246.98	245.63	239.84	244.15	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	2457.03	2509.34	2498.22	2488.20	1.11	ppb
Zirconium	90-1	247.52	259.57	305.06	270.72	11.21	ppb
Zirconium	91-1	237.90	243.72	299.22	260.28	13.00	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10266.15	10010.19	10238.81	10171.71	1.38	ppb
Antimony	121-1	496.84	499.92	495.49	497.42	0.46	ppb
Arsenic	75-2	508.44	490.76	492.73	497.31	1.95	ppb
Barium	135-1	2419.18	2468.74	2508.47	2465.46	1.81	ppb
Barium	137-1	2473.18	2586.23	2476.61	2512.00	2.56	ppb
Beryllium	9-1	491.09	486.54	509.29	495.64	2.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	465.43	482.53	535.76	494.57	7.42	ppb
Boron	11-1	477.65	516.89	567.70	520.75	8.67	ppb
Bromine	81-1						cps
Cadmium	111-1	492.22	518.33	514.70	508.42	2.78	ppb
Cadmium	106-1	492.63	525.77	507.53	508.64	3.26	ppb
Cadmium	108-1	491.15	494.59	503.40	496.38	1.27	ppb
Calcium	43-1	51987.72	52001.56	53197.17	52395.48	1.33	ppb
Calcium	44-1	48694.33	50359.36	50093.54	49715.74	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.22	491.91	488.45	492.53	0.90	ppb
Cobalt	59-2	509.83	495.56	487.11	497.50	2.31	ppb
Copper	63-2	5293.82	4939.84	5016.98	5083.55	3.66	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				101		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	54-2	27475.97	27230.87	27427.54	27378.13	0.47	ppb
Iron	56-2	26891.38	26856.02	27343.19	27030.20	1.00	ppb
Iron	57-2	26882.74	26279.77	26083.43	26415.31	1.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2526.92	2445.65	2456.68	2476.42	1.78	ppb
Lead	207-1	2443.68	2488.46	2473.23	2468.46	0.92	ppb
Lead	208-1	2454.81	2464.83	2477.27	2465.64	0.46	ppb
Lithium	6-1				93		%
Magnesium	24-2	55699.29	54109.51	54106.65	54638.49	1.68	ppb
Manganese	55-2	5098.67	5025.82	5063.50	5062.66	0.72	ppb
Molybdenum	94-1	4932.72	5037.65	4967.27	4979.22	1.07	ppb
Molybdenum	95-1	4859.90	5018.18	4983.42	4953.83	1.68	ppb
Molybdenum	96-1	4877.78	5004.11	4994.03	4958.64	1.42	ppb
Molybdenum	97-1	4931.16	5051.26	4913.51	4965.31	1.51	ppb
Molybdenum	98-1	4957.06	5093.08	5039.60	5029.91	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.76	497.82	501.15	504.91	1.89	ppb
Phosphorus	31-2	10130.38	9566.68	10048.67	9915.25	3.07	ppb
Potassium	39-2	27178.53	25658.98	26539.49	26459.00	2.88	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	508.56	505.04	504.40	506.00	0.44	ppb
Selenium	77-2	514.07	488.01	476.09	492.72	3.94	ppb
Selenium	78-2	521.27	499.80	497.59	506.22	2.58	ppb
Silicon	28-1	503.87	551.13	589.70	548.23	7.84	ppb
Silver	107-1	505.77	514.88	494.87	505.17	1.98	ppb
Silver	109-1	493.79	519.42	507.22	506.81	2.53	ppb
Sodium	23-2	55814.17	52278.89	53160.76	53751.27	3.42	ppb
Strontium	86-1	12654.65	12405.39	12297.76	12452.60	1.47	ppb
Strontium	88-1	12346.43	12391.76	12291.33	12343.17	0.41	ppb
Sulfur	34-1	10429.99	10667.92	11168.20	10755.37	3.50	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	498.80	494.29	491.62	494.90	0.73	ppb
Thallium	205-1	507.34	487.48	493.45	496.09	2.05	ppb
Tin	118-1	512.27	498.15	511.71	507.38	1.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4995.27	4976.25	4998.78	4990.10	0.24	ppb
Uranium	238-1	500.95	493.10	505.80	499.95	1.28	ppb
Vanadium	51-2	496.11	495.61	487.31	493.01	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	5423.47	4951.78	5001.61	5125.62	5.06	ppb
Zirconium	90-1	495.58	495.19	504.15	498.31	1.02	ppb
Zirconium	91-1	481.74	489.29	483.85	484.96	0.80	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21395.25	20366.09	19444.93	20402.09	4.78	ppb
Antimony	121-1	995.29	1002.43	988.73	995.48	0.69	ppb
Arsenic	75-2	1012.76	1016.85	976.58	1002.06	2.21	ppb
Barium	135-1	5093.38	4938.72	4952.98	4995.03	1.71	ppb
Barium	137-1	5024.02	4935.68	4925.28	4961.66	1.09	ppb
Beryllium	9-1	1040.71	958.41	995.47	998.20	4.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	978.44	1001.26	1020.74	1000.15	2.12	ppb
Boron	11-1	962.87	982.61	1000.14	981.87	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	1015.19	984.17	960.72	986.69	2.77	ppb
Cadmium	106-1	1014.49	950.88	995.56	986.98	3.31	ppb
Cadmium	108-1	1013.87	972.94	992.45	993.08	2.06	ppb
Calcium	43-1	110802.04	111035.08	106133.33	109323.49	2.53	ppb
Calcium	44-1	102192.69	100263.78	97748.71	100068.39	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1061.37	1000.43	955.73	1005.85	5.27	ppb
Cobalt	59-2	1036.21	997.48	974.27	1002.65	3.12	ppb
Copper	63-2	10279.28	9972.08	9575.70	9942.35	3.55	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				96		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	54-2	56279.95	53382.70	52245.48	53969.38	3.85	ppb
Iron	56-2	54912.83	53545.82	51531.74	53330.13	3.19	ppb
Iron	57-2	58610.92	54857.08	52462.87	55310.29	5.60	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4993.66	5008.12	4970.16	4990.65	0.38	ppb
Lead	207-1	5028.04	5036.28	4901.07	4988.46	1.52	ppb
Lead	208-1	5088.62	4974.39	4932.76	4998.59	1.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	113628.59	108510.12	106314.32	109484.35	3.43	ppb
Manganese	55-2	10313.31	9880.54	9696.56	9963.47	3.18	ppb
Molybdenum	94-1	10117.47	10064.97	9712.37	9964.94	2.21	ppb
Molybdenum	95-1	10053.62	9995.19	9910.69	9986.50	0.72	ppb
Molybdenum	96-1	10042.47	9825.42	10055.35	9974.41	1.30	ppb
Molybdenum	97-1	10044.77	9854.99	10000.74	9966.83	1.00	ppb
Molybdenum	98-1	9950.39	9898.39	9984.21	9944.33	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1027.56	989.98	968.14	995.22	3.02	ppb
Phosphorus	31-2	21229.63	19889.23	19024.88	20047.91	5.54	ppb
Potassium	39-2	54164.64	52351.94	51607.02	52707.87	2.50	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	989.58	998.33	977.49	988.47	1.06	ppb
Selenium	77-2	1008.27	1012.76	988.50	1003.17	1.29	ppb
Selenium	78-2	1015.05	998.08	975.16	996.09	2.01	ppb
Silicon	28-1	920.01	979.93	936.20	945.38	3.28	ppb
Silver	107-1	1019.28	963.37	981.49	988.05	2.89	ppb
Silver	109-1	988.77	980.59	992.82	987.40	0.63	ppb
Sodium	23-2	110007.07	107107.77	103133.56	106749.47	3.23	ppb
Strontium	86-1	24887.07	25133.51	24621.64	24880.74	1.03	ppb
Strontium	88-1	24786.12	25796.17	24254.20	24945.50	3.14	ppb
Sulfur	34-1	20414.68	21299.30	15448.23	19054.07	16.55	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	984.35	1022.90	992.60	999.95	2.03	ppb
Thallium	205-1	981.28	1021.79	992.77	998.61	2.09	ppb
Tin	118-1	992.29	999.29	981.32	990.97	0.91	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10040.65	9803.49	9915.55	9919.89	1.20	ppb
Uranium	238-1	1022.99	1005.80	960.98	996.59	3.21	ppb
Vanadium	51-2	1050.02	1007.08	957.97	1005.02	4.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	10132.97	10054.58	9606.35	9931.30	2.86	ppb
Zirconium	90-1	998.70	1005.44	982.80	995.65	1.17	ppb
Zirconium	91-1	996.16	1030.73	988.96	1005.28	2.22	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102267.80	100849.58	96572.75	99896.71	2.97	ppb
Antimony	121-1	0.70	0.71	0.79	0.73	6.51	ppb
Arsenic	75-2	0.30	0.25	0.16	0.24	29.72	ppb
Barium	135-1	4.87	5.17	5.35	5.13	4.70	ppb
Barium	137-1	5.27	5.43	5.19	5.30	2.26	ppb
Beryllium	9-1	0.56	0.54	0.51	0.54	4.46	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	86.30	74.44	71.52	77.42	10.11	ppb
Boron	11-1	92.62	81.65	75.71	83.32	10.29	ppb
Bromine	81-1						cps
Cadmium	111-1	1.48	1.34	1.61	1.48	9.13	ppb
Cadmium	106-1	0.90	-0.19	2.75	1.15	129.35	ppb
Cadmium	108-1	1.45	1.67	1.20	1.44	16.43	ppb
Calcium	43-1	493618.70	494975.78	504450.30	497681.59	1.19	ppb
Calcium	44-1	502635.49	483461.40	513596.69	499897.86	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.47	10.55	9.64	10.22	4.91	ppb
Cobalt	59-2	1.56	1.58	1.48	1.54	3.70	ppb
Copper	63-2	9.56	9.12	8.94	9.21	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	256756.47	246599.46	243422.32	248926.08	2.80	ppb
Iron	56-2	258528.31	250007.09	238669.65	249068.35	4.00	ppb
Iron	57-2	257592.48	245588.96	243079.27	248753.57	3.12	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.74	1.56	1.59	1.63	5.88	ppb
Lead	207-1	1.62	1.48	1.48	1.53	5.29	ppb
Lead	208-1	1.65	1.44	1.52	1.54	6.67	ppb
Lithium	6-1				87		%
Magnesium	24-2	509699.95	503214.02	479566.80	497493.59	3.19	ppb
Manganese	55-2	12.93	12.74	12.02	12.56	3.82	ppb
Molybdenum	94-1	3.77	3.18	3.69	3.54	9.08	ppb
Molybdenum	95-1	3.76	3.31	3.24	3.44	8.19	ppb
Molybdenum	96-1	5.70	4.90	5.14	5.25	7.82	ppb
Molybdenum	97-1	3.56	3.21	3.48	3.41	5.41	ppb
Molybdenum	98-1	3.61	3.03	3.13	3.26	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	3.58	3.79	3.76	4.39	ppb
Phosphorus	31-2	1.43	-4.69	-11.48	-4.92		ppb
Potassium	39-2	252269.03	257896.16	237692.89	249286.03	4.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.94	0.73	0.96	0.88	14.72	ppb
Selenium	77-2	1.53	0.75	0.70	0.99	46.87	ppb
Selenium	78-2	1.22	1.45	1.39	1.35	8.52	ppb
Silicon	28-1	81.40	97.98	89.36	89.58	9.26	ppb
Silver	107-1	0.39	0.35	0.41	0.38	8.23	ppb
Silver	109-1	0.38	0.39	0.41	0.39	3.43	ppb
Sodium	23-2	507487.70	503108.87	483857.04	498151.20	2.52	ppb
Strontium	86-1	7.03	6.40	6.90	6.78	4.85	ppb
Strontium	88-1	7.11	6.46	6.82	6.80	4.76	ppb
Sulfur	34-1	-1371.77	-1095.21	-652.41	-1039.79		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.42	0.34	0.40	0.39	10.34	ppb
Thallium	205-1	0.47	0.37	0.40	0.41	12.92	ppb
Tin	118-1	1.50	1.48	1.62	1.53	5.22	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.49	6.20	6.82	6.50	4.74	ppb
Uranium	238-1	0.15	0.11	0.12	0.13	16.26	ppb
Vanadium	51-2	0.60	0.66	0.66	0.64	5.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	27.00	25.17	25.01	25.73	4.31	ppb
Zirconium	90-1	0.45	0.39	0.42	0.42	7.09	ppb
Zirconium	91-1	0.48	0.37	0.43	0.43	12.97	ppb

LB Number : LB124432 Operator : Jaswal
 Lab Sample ID : ICV38 Instrumnet Name : P8
 Client Sample ID : ICV38 Dilution Factor : 1
 Date & Time Acquired : 2023-03-09 13:27:01 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	527.84	517.09	510.92	518.62	1.65	ppb
Antimony	121-1	202.66	211.58	197.24	203.83	3.55	ppb
Arsenic	75-2	210.23	203.58	200.92	204.91	2.34	ppb
Barium	135-1	101.09	103.70	97.43	100.74	3.13	ppb
Barium	137-1	103.68	107.49	101.77	104.31	2.79	ppb
Beryllium	9-1	98.87	103.07	106.25	102.73	3.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	2.38	2.45	2.45	2.43	1.77	ppb
Boron	11-1	2.30	2.44	2.82	2.52	10.79	ppb
Bromine	81-1						cps
Cadmium	111-1	109.04	110.07	105.41	108.17	2.26	ppb
Cadmium	106-1	92.89	92.73	86.70	90.77	3.88	ppb
Cadmium	108-1	91.18	97.84	86.18	91.73	6.38	ppb
Calcium	43-1	1991.11	2122.80	2095.07	2069.66	3.35	ppb
Calcium	44-1	1965.53	2090.92	2048.43	2034.96	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.48	100.18	95.16	98.94	3.38	ppb
Cobalt	59-2	103.25	100.62	99.87	101.25	1.75	ppb
Copper	63-2	104.85	100.53	100.11	101.83	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	2179.08	2051.00	2018.41	2082.83	4.08	ppb
Iron	56-2	2178.43	2129.59	2088.61	2132.21	2.11	ppb
Iron	57-2	2118.87	2042.51	2020.03	2060.47	2.51	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICV38	Instrumnet Name :	P8
Client Sample ID :	ICV38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:27:01	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	192.23	200.12	189.07	193.81	2.94	ppb
Lead	207-1	179.66	188.51	183.57	183.91	2.41	ppb
Lead	208-1	188.61	196.20	192.07	192.29	1.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	1206.18	1192.49	1180.38	1193.02	1.08	ppb
Manganese	55-2	101.05	97.12	95.14	97.77	3.08	ppb
Molybdenum	94-1	0.05	0.07	0.07	0.06	21.82	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	13.90	ppb
Molybdenum	96-1	0.05	0.05	0.08	0.06	31.31	ppb
Molybdenum	97-1	0.04	0.02	0.03	0.03	46.98	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	22.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.49	105.32	107.41	107.08	1.51	ppb
Phosphorus	31-2	-24.29	-32.68	-4.65	-20.54		ppb
Potassium	39-2	2033.84	1964.29	2004.00	2000.71	1.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	218.70	214.04	219.83	217.52	1.41	ppb
Selenium	77-2	216.99	212.09	216.50	215.20	1.25	ppb
Selenium	78-2	220.17	219.16	221.22	220.18	0.47	ppb
Silicon	28-1	1.60	9.52	10.17	7.10	67.27	ppb
Silver	107-1	50.66	51.99	50.13	50.93	1.89	ppb
Silver	109-1	51.43	52.95	49.89	51.42	2.98	ppb
Sodium	23-2	2117.78	2066.45	2073.28	2085.84	1.34	ppb
Strontium	86-1	0.27	0.16	0.27	0.23	27.36	ppb
Strontium	88-1	0.25	0.22	0.21	0.23	9.31	ppb
Sulfur	34-1	-823.93	-400.79	-340.77	-521.83		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	200.07	206.99	197.92	201.66	2.35	ppb
Thallium	205-1	205.82	218.84	199.56	208.07	4.73	ppb
Tin	118-1	-0.02	-0.04	-0.04	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICV38	Instrumnet Name :	P8
Client Sample ID :	ICV38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:27:01	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.13	0.04	0.06	100.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1007.95	ppb
Vanadium	51-2	98.24	96.22	93.35	95.94	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	211.82	205.84	200.28	205.98	2.80	ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.06	0.04	0.04	0.04	24.81	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.98	18.95	19.48	19.47	2.65	ppb
Antimony	121-1	1.82	2.11	2.00	1.98	7.37	ppb
Arsenic	75-2	0.94	1.09	0.79	0.94	15.56	ppb
Barium	135-1	8.76	10.03	9.43	9.40	6.75	ppb
Barium	137-1	8.90	10.24	9.70	9.61	7.03	ppb
Beryllium	9-1	0.92	1.11	1.13	1.05	10.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	19.31	25.29	25.73	23.44	15.30	ppb
Boron	11-1	20.77	26.10	27.26	24.71	14.01	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.07	0.81	0.96	13.81	ppb
Cadmium	106-1	1.27	-0.23	-1.86	-0.27		ppb
Cadmium	108-1	1.42	1.12	0.89	1.14	23.14	ppb
Calcium	43-1	404.42	462.66	429.42	432.17	6.76	ppb
Calcium	44-1	401.44	464.66	433.75	433.29	7.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.88	1.83	1.89	2.99	ppb
Cobalt	59-2	1.02	0.97	0.96	0.98	3.60	ppb
Copper	63-2	2.14	1.96	1.99	2.03	4.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	54-2	52.48	51.01	48.46	50.65	4.02	ppb
Iron	56-2	51.31	49.66	48.69	49.89	2.65	ppb
Iron	57-2	51.56	46.68	46.47	48.24	5.97	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.93	0.86	0.86	7.13	ppb
Lead	207-1	0.81	0.93	0.82	0.85	7.68	ppb
Lead	208-1	0.79	0.90	0.84	0.85	6.43	ppb
Lithium	6-1				94		%
Magnesium	24-2	547.03	494.33	497.96	513.11	5.74	ppb
Manganese	55-2	1.09	0.96	1.03	1.03	5.95	ppb
Molybdenum	94-1	4.81	5.74	5.39	5.31	8.88	ppb
Molybdenum	95-1	4.18	5.06	4.61	4.62	9.51	ppb
Molybdenum	96-1	4.27	4.82	4.49	4.53	6.09	ppb
Molybdenum	97-1	4.13	4.54	4.77	4.48	7.23	ppb
Molybdenum	98-1	4.25	4.68	4.67	4.53	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.96	0.88	0.99	13.42	ppb
Phosphorus	31-2	5.65	9.65	29.28	14.86	85.12	ppb
Potassium	39-2	501.49	483.75	495.03	493.42	1.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	4.82	5.56	5.59	5.32	8.16	ppb
Selenium	77-2	5.09	6.67	8.15	6.64	23.06	ppb
Selenium	78-2	6.90	6.67	5.43	6.33	12.46	ppb
Silicon	28-1	1.74	14.21	9.11	8.36	75.02	ppb
Silver	107-1	0.90	1.11	0.95	0.99	11.08	ppb
Silver	109-1	0.96	1.04	1.04	1.01	4.48	ppb
Sodium	23-2	530.55	506.17	497.82	511.51	3.32	ppb
Strontium	86-1	0.85	0.86	0.86	0.86	0.78	ppb
Strontium	88-1	0.85	0.97	0.88	0.90	7.27	ppb
Sulfur	34-1	-1084.32	-165.61	-666.03	-638.65		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.85	0.97	0.91	0.91	6.84	ppb
Thallium	205-1	0.88	1.00	0.94	0.94	5.98	ppb
Tin	118-1	4.38	5.11	4.98	4.82	8.04	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.36	4.76	4.78	4.64	5.14	ppb
Uranium	238-1	0.76	0.92	0.89	0.86	9.90	ppb
Vanadium	51-2	4.97	4.61	4.59	4.72	4.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	1.87	1.55	1.60	1.67	10.17	ppb
Zirconium	90-1	0.82	0.95	0.93	0.90	7.88	ppb
Zirconium	91-1	0.81	0.97	0.90	0.89	9.17	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.60	-0.01	0.24	135.57	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.39	ppb
Arsenic	75-2	0.01	0.04	0.02	0.02	82.44	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	44.72	ppb
Bismuth	209-1				99		%
Bismuth	209-2				85		%
Boron	10-1	3.44	3.52	2.55	3.17	16.91	ppb
Boron	11-1	3.35	3.23	2.91	3.16	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.14	-0.03	-0.07		ppb
Cadmium	106-1	-0.64	-1.94	-0.41	-1.00		ppb
Cadmium	108-1	0.02	0.02	-0.01	0.01	145.79	ppb
Calcium	43-1	-2.54	-1.94	-1.47	-1.98		ppb
Calcium	44-1	1.46	-1.36	0.34	0.15	966.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.13	-0.01	0.04	172.92	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	122.60	ppb
Copper	63-2	-0.03	0.07	0.02	0.02	235.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				85		%
Indium	115-1				101		%
Indium	115-2				83		%
Iron	54-2	1.08	1.93	1.40	1.47	29.50	ppb
Iron	56-2	0.10	0.87	0.34	0.44	90.49	ppb
Iron	57-2	1.57	1.84	0.18	1.20	74.59	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.04	-0.01	-0.02		ppb
Lead	208-1	0.00	-0.02	-0.01	-0.01		ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.12	0.53	0.20	0.20	160.72	ppb
Manganese	55-2	-0.01	0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.05	-0.01	0.02	0.02	146.69	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	1013.86	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	106.02	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.02	0.01	71.93	ppb
Phosphorus	31-2	-7.10	-2.12	-31.93	-13.71		ppb
Potassium	39-2	8.88	66.76	11.71	29.12	112.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				85		%
Selenium	82-1	0.67	0.22	0.13	0.34	85.01	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.29	0.80	1.40	1.17	27.63	ppb
Silicon	28-1	1.90	-2.90	-2.06	-1.02		ppb
Silver	107-1	0.00	0.02	0.01	0.01	56.34	ppb
Silver	109-1	0.00	0.02	0.03	0.02	67.63	ppb
Sodium	23-2	10.48	20.53	10.47	13.83	42.00	ppb
Strontium	86-1	0.01	-0.01	-0.06	-0.02		ppb
Strontium	88-1	-0.01	-0.03	-0.03	-0.02		ppb
Sulfur	34-1	81.43	-355.17	-186.81	-153.52		ppb
Terbium	159-1				100		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.03	0.03	0.02	40.91	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	24.46	ppb
Tin	118-1	-0.04	-0.06	-0.05	-0.05		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.03	0.06	0.00	1616.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	156.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				83		%
Zinc	66-2	0.04	0.06	0.12	0.07	59.44	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	240.06	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101483.90	99962.08	94414.76	98620.25	3.77	ppb
Antimony	121-1	0.98	0.89	1.19	1.02	14.98	ppb
Arsenic	75-2	0.27	0.34	0.23	0.28	19.62	ppb
Barium	135-1	1.28	1.02	1.40	1.23	15.83	ppb
Barium	137-1	1.29	1.13	1.49	1.31	13.77	ppb
Beryllium	9-1	0.30	0.25	0.27	0.28	9.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	2.55	2.30	2.87	2.57	11.01	ppb
Boron	11-1	2.99	2.50	3.00	2.83	10.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.26	0.45	0.33	30.24	ppb
Cadmium	106-1	-2.20	-2.40	-1.86	-2.16		ppb
Cadmium	108-1	12.80	10.88	12.72	12.13	8.93	ppb
Calcium	43-1	90635.68	80640.39	93738.25	88338.11	7.75	ppb
Calcium	44-1	86459.21	79178.72	94885.54	86841.16	9.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.45	18.88	18.83	19.05	1.78	ppb
Cobalt	59-2	1.17	1.10	1.15	1.14	2.95	ppb
Copper	63-2	7.65	7.73	7.34	7.57	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	54-2	102975.86	98511.35	98833.61	100106.94	2.49	ppb
Iron	56-2	103517.10	102177.26	96142.54	100612.30	3.90	ppb
Iron	57-2	105250.11	102423.06	101683.57	103118.91	1.83	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.15	3.82	4.40	4.12	7.11	ppb
Lead	207-1	3.71	3.51	4.10	3.77	7.91	ppb
Lead	208-1	3.83	3.62	4.22	3.89	7.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	99689.47	95739.60	94432.73	96620.60	2.83	ppb
Manganese	55-2	7.35	7.31	7.10	7.25	1.90	ppb
Molybdenum	94-1	1412.33	1325.80	1501.65	1413.26	6.22	ppb
Molybdenum	95-1	1678.06	1573.10	1800.37	1683.84	6.76	ppb
Molybdenum	96-1	1647.98	1561.37	1798.36	1669.24	7.18	ppb
Molybdenum	97-1	1716.58	1603.91	1839.93	1720.14	6.86	ppb
Molybdenum	98-1	1647.74	1588.24	1848.03	1694.67	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.54	5.21	5.37	3.16	ppb
Phosphorus	31-2	96049.34	94108.48	92233.21	94130.34	2.03	ppb
Potassium	39-2	100843.63	98764.95	97457.82	99022.13	1.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	0.45	0.58	0.44	0.49	16.35	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	1.55	0.22	0.76	92.47	ppb
Silicon	28-1	24.96	9.99	26.10	20.35	44.17	ppb
Silver	107-1	0.02	-0.01	0.02	0.01	128.06	ppb
Silver	109-1	0.01	0.02	0.05	0.03	77.27	ppb
Sodium	23-2	103275.35	101815.35	101080.19	102056.96	1.09	ppb
Strontium	86-1	30.22	29.99	32.89	31.03	5.20	ppb
Strontium	88-1	31.02	29.52	33.36	31.30	6.19	ppb
Sulfur	34-1	80655.59	70905.89	82195.05	77918.84	7.86	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.08	0.07	0.07	11.03	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	7.46	ppb
Tin	118-1	0.07	0.12	0.11	0.10	23.00	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1920.83	1726.66	1995.02	1880.84	7.37	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	32.00	ppb
Vanadium	51-2	0.16	0.14	0.15	0.15	7.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	10.32	9.82	9.68	9.94	3.40	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.01	240.21	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	211.79	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95084.77	95122.48	90938.34	93715.20	2.57	ppb
Antimony	121-1	20.67	21.10	20.73	20.83	1.13	ppb
Arsenic	75-2	19.95	18.81	18.99	19.25	3.17	ppb
Barium	135-1	20.66	21.98	21.35	21.33	3.11	ppb
Barium	137-1	21.29	22.43	21.89	21.87	2.62	ppb
Beryllium	9-1	17.64	19.61	19.41	18.89	5.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	1.81	1.79	1.99	1.86	6.05	ppb
Boron	11-1	2.10	2.41	2.22	2.24	6.87	ppb
Bromine	81-1						cps
Cadmium	111-1	19.54	19.85	19.33	19.57	1.34	ppb
Cadmium	106-1	12.83	12.03	11.64	12.17	4.97	ppb
Cadmium	108-1	27.93	27.51	29.16	28.20	3.03	ppb
Calcium	43-1	86372.55	96333.99	92389.42	91698.65	5.47	ppb
Calcium	44-1	84740.39	96707.76	92355.87	91268.01	6.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.54	37.14	36.16	36.95	1.92	ppb
Cobalt	59-2	20.09	19.48	19.46	19.68	1.83	ppb
Copper	63-2	26.25	26.30	26.27	26.27	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	99250.05	95027.99	94459.33	96245.79	2.72	ppb
Iron	56-2	101570.16	98151.57	96496.87	98739.53	2.62	ppb
Iron	57-2	101407.92	98127.32	98279.23	99271.49	1.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.01	24.76	25.23	24.67	2.51	ppb
Lead	207-1	22.77	24.08	23.87	23.57	2.98	ppb
Lead	208-1	22.93	24.32	23.95	23.73	3.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	94197.36	91704.98	90841.45	92247.93	1.89	ppb
Manganese	55-2	26.72	25.13	25.83	25.89	3.08	ppb
Molybdenum	94-1	1422.39	1530.56	1572.22	1508.39	5.13	ppb
Molybdenum	95-1	1722.17	1840.25	1885.73	1816.05	4.65	ppb
Molybdenum	96-1	1667.06	1763.41	1829.10	1753.19	4.65	ppb
Molybdenum	97-1	1733.58	1796.01	1829.88	1786.49	2.73	ppb
Molybdenum	98-1	1687.63	1809.17	1898.65	1798.48	5.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.72	24.43	24.72	24.62	0.68	ppb
Phosphorus	31-2	93438.22	91252.07	88719.45	91136.58	2.59	ppb
Potassium	39-2	96664.25	94019.22	96160.47	95614.64	1.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	19.20	19.39	20.00	19.53	2.14	ppb
Selenium	77-2	23.59	19.26	12.89	18.58	28.97	ppb
Selenium	78-2	18.07	18.51	18.53	18.37	1.41	ppb
Silicon	28-1	24.63	31.58	34.53	30.25	16.82	ppb
Silver	107-1	18.97	19.10	18.64	18.90	1.25	ppb
Silver	109-1	18.95	19.23	18.96	19.05	0.84	ppb
Sodium	23-2	98778.51	101165.96	98195.24	99379.90	1.58	ppb
Strontium	86-1	31.11	33.11	34.44	32.89	5.09	ppb
Strontium	88-1	31.31	33.55	34.09	32.98	4.46	ppb
Sulfur	34-1	76073.59	82654.69	84308.44	81012.24	5.38	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	19.46	20.78	20.88	20.37	3.88	ppb
Thallium	205-1	19.77	20.74	21.10	20.54	3.37	ppb
Tin	118-1	0.18	0.14	0.20	0.17	18.02	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1865.23	2018.16	2041.01	1974.80	4.84	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	1.75	ppb
Vanadium	51-2	19.44	18.87	18.72	19.01	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	28.92	28.27	28.34	28.51	1.24	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	66.30	ppb
Zirconium	91-1	0.01	0.06	0.04	0.04	74.77	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52779.68	51102.86	49882.57	51255.04	2.84	ppb
Antimony	121-1	484.34	487.76	494.52	488.87	1.06	ppb
Arsenic	75-2	481.69	483.10	466.22	477.00	1.96	ppb
Barium	135-1	2472.21	2470.16	2519.81	2487.40	1.13	ppb
Barium	137-1	2478.48	2492.75	2600.56	2523.93	2.64	ppb
Beryllium	9-1	458.08	460.64	457.24	458.65	0.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	435.60	461.21	481.22	459.35	4.98	ppb
Boron	11-1	472.04	506.35	519.39	499.26	4.90	ppb
Bromine	81-1						cps
Cadmium	111-1	463.47	484.48	498.47	482.14	3.65	ppb
Cadmium	106-1	467.36	491.94	486.77	482.03	2.69	ppb
Cadmium	108-1	478.72	491.94	480.69	483.78	1.47	ppb
Calcium	43-1	228111.99	226593.29	231924.27	228876.52	1.20	ppb
Calcium	44-1	223153.68	223194.90	229538.96	225295.85	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.36	475.20	479.77	486.44	3.22	ppb
Cobalt	59-2	505.01	476.33	487.35	489.56	2.96	ppb
Copper	63-2	5232.75	4892.12	4944.33	5023.07	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	128011.32	122123.01	121680.66	123938.33	2.85	ppb
Iron	56-2	128484.70	121406.76	121951.45	123947.64	3.18	ppb
Iron	57-2	130792.47	125437.34	124143.32	126791.04	2.78	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2458.90	2466.84	2559.34	2495.03	2.24	ppb
Lead	207-1	2568.42	2502.71	2530.13	2533.75	1.30	ppb
Lead	208-1	2522.61	2500.99	2550.92	2524.84	0.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	268064.73	258433.87	252483.27	259660.63	3.03	ppb
Manganese	55-2	5009.47	4747.25	4757.63	4838.12	3.07	ppb
Molybdenum	94-1	4789.79	4877.53	4942.20	4869.84	1.57	ppb
Molybdenum	95-1	4874.21	4930.09	4893.75	4899.35	0.58	ppb
Molybdenum	96-1	4927.96	4971.31	4873.83	4924.37	0.99	ppb
Molybdenum	97-1	4745.52	4859.97	4892.75	4832.75	1.60	ppb
Molybdenum	98-1	4771.99	4937.37	4788.14	4832.50	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.34	474.36	485.09	487.26	2.90	ppb
Phosphorus	31-2	9569.80	9491.53	9746.40	9602.58	1.36	ppb
Potassium	39-2	129986.12	125087.93	128895.27	127989.77	2.01	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	471.51	471.25	465.03	469.26	0.78	ppb
Selenium	77-2	481.08	514.07	487.51	494.22	3.54	ppb
Selenium	78-2	474.36	472.73	462.90	469.99	1.32	ppb
Silicon	28-1	428.20	459.56	505.18	464.31	8.34	ppb
Silver	107-1	476.58	483.01	485.15	481.58	0.93	ppb
Silver	109-1	479.46	475.47	492.70	482.54	1.87	ppb
Sodium	23-2	265422.12	251508.97	252240.99	256390.69	3.05	ppb
Strontium	86-1	12335.56	12326.89	12234.05	12298.83	0.46	ppb
Strontium	88-1	12583.36	12036.76	12260.59	12293.57	2.24	ppb
Sulfur	34-1	9471.17	9779.39	10834.46	10028.34	7.13	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	520.22	518.39	522.32	520.31	0.38	ppb
Thallium	205-1	494.46	503.43	511.19	503.03	1.66	ppb
Tin	118-1	500.27	482.32	517.55	500.05	3.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4889.76	4981.78	4984.93	4952.15	1.09	ppb
Uranium	238-1	510.64	490.33	523.03	508.00	3.25	ppb
Vanadium	51-2	504.81	485.96	481.62	490.80	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	4997.18	4648.12	4863.28	4836.19	3.64	ppb
Zirconium	90-1	494.75	508.76	490.94	498.15	1.88	ppb
Zirconium	91-1	480.18	493.56	480.42	484.72	1.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.78	0.20	0.52	56.30	ppb
Antimony	121-1	0.07	0.05	0.07	0.06	20.81	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.01	236.73	ppb
Barium	135-1	0.06	-0.02	-0.01	0.01	345.85	ppb
Barium	137-1	0.03	0.01	0.01	0.02	80.14	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	24.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	7.74	7.69	6.40	7.28	10.39	ppb
Boron	11-1	8.61	7.60	7.25	7.82	9.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.16	-0.15	-0.21		ppb
Cadmium	106-1	-4.45	-2.35	-2.26	-3.02		ppb
Cadmium	108-1	0.05	-0.08	-0.02	-0.02		ppb
Calcium	43-1	6.82	0.63	-0.69	2.25	177.81	ppb
Calcium	44-1	12.52	3.07	0.85	5.48	113.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.01	0.01	42.68	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	192.25	ppb
Copper	63-2	0.10	0.09	0.08	0.09	11.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	1.20	1.66	0.02	0.96	88.24	ppb
Iron	56-2	1.05	0.99	0.64	0.89	24.64	ppb
Iron	57-2	0.52	1.35	-0.57	0.43	222.97	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.06	7.01	ppb
Lead	207-1	0.15	0.05	0.06	0.08	62.90	ppb
Lead	208-1	0.11	0.06	0.06	0.08	36.41	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.15	0.72	1.13	1.00	24.16	ppb
Manganese	55-2	0.00	0.05	0.00	0.02	193.97	ppb
Molybdenum	94-1	0.24	0.19	0.06	0.16	57.91	ppb
Molybdenum	95-1	0.27	0.16	0.09	0.17	50.65	ppb
Molybdenum	96-1	0.22	0.10	0.13	0.15	40.57	ppb
Molybdenum	97-1	0.31	0.13	0.08	0.17	70.03	ppb
Molybdenum	98-1	0.27	0.14	0.10	0.17	52.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.02	0.00	859.74	ppb
Phosphorus	31-2	-4.79	-15.95	-24.21	-14.98		ppb
Potassium	39-2	11.58	1.94	-15.01	-0.49		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	0.76	0.00	0.30	0.35	107.68	ppb
Selenium	77-2	0.00	0.80	0.00	0.27	173.21	ppb
Selenium	78-2	0.92	0.54	1.59	1.02	51.99	ppb
Silicon	28-1	18.04	1.84	-2.19	5.90	181.61	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.00	0.01	91.74	ppb
Sodium	23-2	25.45	26.61	18.57	23.54	18.46	ppb
Strontium	86-1	0.39	0.03	0.05	0.16	130.52	ppb
Strontium	88-1	0.24	0.06	0.04	0.11	97.71	ppb
Sulfur	34-1	188.14	-879.85	-1260.95	-650.89		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.05	0.05	8.51	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	20.73	ppb
Tin	118-1	-0.04	-0.03	-0.05	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.02	0.10	0.08	70.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	391.85	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.17	-0.03	-0.07	0.02	574.83	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	99.57	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.48	20.88	21.24	21.20	1.42	ppb
Antimony	121-1	2.11	1.88	1.91	1.97	6.42	ppb
Arsenic	75-2	0.97	1.11	1.06	1.05	7.00	ppb
Barium	135-1	9.64	9.52	9.07	9.41	3.21	ppb
Barium	137-1	9.43	9.82	9.53	9.60	2.11	ppb
Beryllium	9-1	1.03	1.03	0.98	1.01	2.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	23.50	25.38	27.40	25.43	7.67	ppb
Boron	11-1	25.99	27.11	27.80	26.97	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.90	0.67	0.78	14.90	ppb
Cadmium	106-1	-1.60	-0.85	-3.28	-1.91		ppb
Cadmium	108-1	1.38	1.09	1.08	1.19	14.48	ppb
Calcium	43-1	467.83	447.91	458.38	458.04	2.18	ppb
Calcium	44-1	450.46	442.99	448.93	447.46	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.90	1.81	1.87	2.60	ppb
Cobalt	59-2	1.04	0.92	0.94	0.97	6.92	ppb
Copper	63-2	2.11	1.96	1.99	2.02	3.91	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				105		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	56.09	55.37	52.58	54.68	3.39	ppb
Iron	56-2	54.18	51.20	50.52	51.97	3.75	ppb
Iron	57-2	52.14	48.89	53.49	51.50	4.59	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.84	0.96	0.92	0.91	6.44	ppb
Lead	207-1	0.87	0.91	0.91	0.90	2.58	ppb
Lead	208-1	0.89	0.95	0.94	0.92	3.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	505.08	492.06	479.24	492.13	2.63	ppb
Manganese	55-2	1.11	1.03	0.86	1.00	12.72	ppb
Molybdenum	94-1	5.55	5.76	5.09	5.46	6.21	ppb
Molybdenum	95-1	4.48	5.01	4.75	4.75	5.53	ppb
Molybdenum	96-1	4.68	4.87	4.67	4.74	2.38	ppb
Molybdenum	97-1	4.59	4.98	4.35	4.64	6.81	ppb
Molybdenum	98-1	4.50	4.79	4.71	4.67	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	1.01	1.02	2.91	ppb
Phosphorus	31-2	27.33	-15.96	-13.01	-0.55		ppb
Potassium	39-2	516.59	487.98	498.70	501.09	2.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	5.46	5.58	5.86	5.63	3.61	ppb
Selenium	77-2	10.40	7.19	8.93	8.84	18.19	ppb
Selenium	78-2	7.59	5.85	4.45	5.97	26.36	ppb
Silicon	28-1	8.83	7.97	12.43	9.75	24.28	ppb
Silver	107-1	0.99	0.98	0.97	0.98	0.83	ppb
Silver	109-1	1.00	1.01	1.03	1.01	1.79	ppb
Sodium	23-2	530.85	500.40	510.07	513.77	3.03	ppb
Strontium	86-1	1.04	1.19	0.94	1.06	11.79	ppb
Strontium	88-1	1.13	1.14	1.02	1.10	6.19	ppb
Sulfur	34-1	-1084.01	-1225.72	-1081.01	-1130.25		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.96	0.95	0.95	1.96	ppb
Thallium	205-1	0.95	0.96	0.97	0.96	1.38	ppb
Tin	118-1	4.81	4.79	4.68	4.76	1.45	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.02	5.05	5.41	5.16	4.15	ppb
Uranium	238-1	0.83	0.86	0.83	0.84	2.07	ppb
Vanadium	51-2	4.63	4.47	4.68	4.60	2.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	1.80	1.72	1.84	1.79	3.28	ppb
Zirconium	90-1	0.95	0.90	0.92	0.92	3.11	ppb
Zirconium	91-1	0.93	0.98	0.89	0.93	4.64	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	0.55	0.77	0.68	17.56	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	41.16	ppb
Arsenic	75-2	0.00	0.03	-0.01	0.01	296.08	ppb
Barium	135-1	0.01	0.02	-0.02	0.00	582.58	ppb
Barium	137-1	0.02	-0.01	0.00	0.00	987.49	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	4.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	4.46	4.56	4.15	4.39	4.90	ppb
Boron	11-1	4.88	4.55	4.26	4.57	6.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.20	-0.26	-0.16		ppb
Cadmium	106-1	-0.58	-2.80	-3.79	-2.39		ppb
Cadmium	108-1	-0.08	-0.02	-0.12	-0.07		ppb
Calcium	43-1	0.12	-1.43	-2.12	-1.14		ppb
Calcium	44-1	3.71	1.77	1.40	2.29	54.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.03	0.02	65.19	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	743.12	ppb
Copper	63-2	0.09	0.04	0.10	0.08	44.83	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				103		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	1.62	0.29	0.75	0.89	76.38	ppb
Iron	56-2	1.02	0.82	0.91	0.91	10.91	ppb
Iron	57-2	1.79	1.10	2.57	1.82	40.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	6.35	ppb
Lead	207-1	0.03	0.02	-0.01	0.01	149.07	ppb
Lead	208-1	0.04	0.02	0.02	0.03	34.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.54	1.38	0.43	1.12	53.52	ppb
Manganese	55-2	0.00	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.11	0.07	0.04	0.07	49.83	ppb
Molybdenum	95-1	0.10	0.06	0.05	0.07	42.47	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	16.36	ppb
Molybdenum	97-1	0.09	0.04	0.05	0.06	43.85	ppb
Molybdenum	98-1	0.08	0.05	0.04	0.06	34.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	188.14	ppb
Phosphorus	31-2	-8.08	-23.08	-21.28	-17.48		ppb
Potassium	39-2	8.86	-12.60	4.22	0.16	6980.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.37	0.26	0.28	0.30	18.96	ppb
Selenium	77-2	0.80	0.77	0.00	0.52	86.63	ppb
Selenium	78-2	1.67	1.21	1.95	1.61	23.24	ppb
Silicon	28-1	1.74	-0.55	-0.80	0.13	1068.27	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	19.08	16.67	16.98	17.58	7.47	ppb
Strontium	86-1	0.02	0.00	0.04	0.02	126.61	ppb
Strontium	88-1	0.10	0.03	0.01	0.05	100.88	ppb
Sulfur	34-1	-604.06	-873.87	-1045.37	-841.10		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.03	0.03	28.51	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.10	ppb
Tin	118-1	-0.03	-0.04	-0.05	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	-0.04	-0.01	0.00	2377.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	659.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	48.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	-0.50	-0.56	-0.49	-0.52		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	88.66	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	79.16	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10494.31	10022.26	10081.08	10199.22	2.52	ppb
Antimony	121-1	494.77	503.23	512.59	503.53	1.77	ppb
Arsenic	75-2	497.57	491.03	493.18	493.93	0.67	ppb
Barium	135-1	2573.79	2527.95	2522.88	2541.54	1.10	ppb
Barium	137-1	2424.82	2630.01	2543.33	2532.72	4.07	ppb
Beryllium	9-1	466.35	473.91	477.82	472.69	1.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	418.60	446.49	479.34	448.14	6.78	ppb
Boron	11-1	449.47	481.33	525.36	485.39	7.85	ppb
Bromine	81-1						cps
Cadmium	111-1	492.43	530.34	522.17	514.98	3.87	ppb
Cadmium	106-1	480.87	512.30	531.25	508.14	5.01	ppb
Cadmium	108-1	494.76	526.78	534.75	518.76	4.08	ppb
Calcium	43-1	51551.96	52741.08	52816.85	52369.96	1.35	ppb
Calcium	44-1	50105.56	50540.77	49529.56	50058.63	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.82	473.80	486.26	487.62	2.99	ppb
Cobalt	59-2	523.46	475.49	485.26	494.74	5.12	ppb
Copper	63-2	5122.14	4901.37	4971.81	4998.44	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	54-2	27803.86	27220.69	26748.93	27257.83	1.94	ppb
Iron	56-2	27812.56	26111.71	26399.29	26774.52	3.40	ppb
Iron	57-2	26846.50	25441.38	25446.89	25911.59	3.12	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2394.95	2455.01	2549.65	2466.54	3.16	ppb
Lead	207-1	2394.04	2432.37	2533.04	2453.15	2.93	ppb
Lead	208-1	2373.40	2427.40	2505.21	2435.34	2.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	55747.66	52955.44	51428.37	53377.16	4.10	ppb
Manganese	55-2	5054.58	4955.43	4928.07	4979.36	1.34	ppb
Molybdenum	94-1	4852.10	4916.65	4999.96	4922.90	1.51	ppb
Molybdenum	95-1	4774.13	4848.53	4844.79	4822.49	0.87	ppb
Molybdenum	96-1	4800.92	4900.96	4967.19	4889.69	1.71	ppb
Molybdenum	97-1	4719.30	5044.37	4783.84	4849.17	3.55	ppb
Molybdenum	98-1	4772.70	4922.63	4864.09	4853.14	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.96	496.63	496.20	504.26	2.70	ppb
Phosphorus	31-2	10008.68	9466.05	9356.61	9610.44	3.63	ppb
Potassium	39-2	27082.13	26068.34	26871.37	26673.95	2.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	488.69	508.43	513.85	503.66	2.63	ppb
Selenium	77-2	515.44	473.31	489.25	492.67	4.32	ppb
Selenium	78-2	502.80	485.54	508.10	498.81	2.37	ppb
Silicon	28-1	455.82	517.48	533.52	502.27	8.17	ppb
Silver	107-1	504.21	506.25	521.14	510.53	1.81	ppb
Silver	109-1	500.84	519.77	525.74	515.45	2.52	ppb
Sodium	23-2	54624.30	51959.05	52450.00	53011.12	2.68	ppb
Strontium	86-1	11768.32	12120.64	12325.06	12071.34	2.33	ppb
Strontium	88-1	12259.79	12589.78	11973.67	12274.42	2.51	ppb
Sulfur	34-1	10143.61	10535.28	9982.05	10220.32	2.78	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	467.57	499.13	501.82	489.51	3.89	ppb
Thallium	205-1	463.76	494.72	503.44	487.31	4.28	ppb
Tin	118-1	489.03	491.01	500.00	493.34	1.19	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4960.46	4928.78	5001.13	4963.45	0.73	ppb
Uranium	238-1	456.54	475.49	482.16	471.39	2.82	ppb
Vanadium	51-2	506.44	485.43	481.87	491.25	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	5141.97	4851.36	5113.61	5035.65	3.18	ppb
Zirconium	90-1	470.20	495.91	490.28	485.46	2.78	ppb
Zirconium	91-1	468.61	486.78	483.30	479.56	2.01	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154403.57	145960.43	151207.22	150523.74	2.83	ppb
Antimony	121-1	12.35	11.15	11.14	11.55	6.06	ppb
Arsenic	75-2	82.27	83.98	85.91	84.06	2.17	ppb
Barium	135-1	726.64	668.56	638.82	678.01	6.59	ppb
Barium	137-1	730.07	686.06	652.46	689.53	5.64	ppb
Beryllium	9-1	3.20	2.79	2.59	2.86	10.83	ppb
Bismuth	209-1				151		%
Bismuth	209-2				121		%
Boron	10-1	53.79	50.21	44.83	49.61	9.09	ppb
Boron	11-1	58.52	53.89	51.83	54.75	6.25	ppb
Bromine	81-1						cps
Cadmium	111-1	5.34	4.65	4.73	4.91	7.74	ppb
Cadmium	106-1	23.60	16.75	18.17	19.51	18.56	ppb
Cadmium	108-1	12.84	11.28	11.94	12.02	6.50	ppb
Calcium	43-1	451919.75	402869.78	409120.48	421303.33	6.34	ppb
Calcium	44-1	437921.68	405897.72	408109.81	417309.74	4.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.54	508.60	500.85	509.33	1.74	ppb
Cobalt	59-2	206.39	206.61	199.65	204.22	1.94	ppb
Copper	63-2	1233.65	1232.50	1200.50	1222.22	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				107		%
Indium	115-1				126		%
Indium	115-2				108		%
Iron	54-2	391218.45	375157.51	367549.78	377975.25	3.20	ppb
Iron	56-2	381233.68	383788.68	372234.19	379085.52	1.60	ppb
Iron	57-2	390443.75	371549.31	378414.91	380135.99	2.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	171.82	153.40	157.38	160.87	6.03	ppb
Lead	207-1	159.39	148.10	147.39	151.63	4.44	ppb
Lead	208-1	169.09	154.01	157.00	160.03	4.99	ppb
Lithium	6-1				130		%
Magnesium	24-2	98241.93	96960.61	93935.64	96379.39	2.29	ppb
Manganese	55-2	6619.03	6424.14	6253.41	6432.20	2.84	ppb
Molybdenum	94-1	136.78	124.51	129.61	130.30	4.73	ppb
Molybdenum	95-1	28.71	26.54	28.32	27.86	4.14	ppb
Molybdenum	96-1	43.66	41.00	41.92	42.19	3.21	ppb
Molybdenum	97-1	29.04	28.30	28.07	28.47	1.78	ppb
Molybdenum	98-1	29.82	27.13	27.57	28.18	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2040.38	1989.52	1975.79	2001.90	1.70	ppb
Phosphorus	31-2	4746.73	4654.25	4869.12	4756.70	2.27	ppb
Potassium	39-2	6047.75	6082.67	5936.43	6022.28	1.27	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				136		%
Scandium	45-2				116		%
Selenium	82-1	3.58	3.28	3.41	3.42	4.38	ppb
Selenium	77-2	44.56	43.00	54.23	47.26	12.88	ppb
Selenium	78-2	13.75	12.10	15.81	13.89	13.37	ppb
Silicon	28-1	3145.67	2922.38	2870.30	2979.45	4.91	ppb
Silver	107-1	3.91	3.99	4.28	4.06	4.80	ppb
Silver	109-1	4.17	3.95	4.47	4.20	6.26	ppb
Sodium	23-2	5031.04	4908.48	4880.59	4940.04	1.62	ppb
Strontium	86-1	1732.19	1651.53	1690.26	1691.33	2.39	ppb
Strontium	88-1	1740.96	1630.78	1614.85	1662.20	4.13	ppb
Sulfur	34-1	2268.72	1513.61	1587.82	1790.05	23.25	ppb
Terbium	159-1				123		%
Terbium	159-2				106		%
Thallium	203-1	0.86	0.81	0.82	0.83	3.03	ppb
Thallium	205-1	0.86	0.83	0.83	0.84	2.30	ppb
Tin	118-1	32.25	31.10	31.30	31.55	1.94	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9578.13	8706.27	8835.48	9039.96	5.20	ppb
Uranium	238-1	3.63	3.18	3.41	3.41	6.61	ppb
Vanadium	51-2	4506.43	4450.12	4236.96	4397.84	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				145		%
Yttrium	89-2				119		%
Zinc	66-2	2543.17	2578.82	2533.69	2551.89	0.93	ppb
Zirconium	90-1	64.23	60.38	60.55	61.72	3.53	ppb
Zirconium	91-1	62.16	59.25	61.25	60.89	2.45	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35417.69	34869.84	32339.32	34208.95	4.80	ppb
Antimony	121-1	2.40	2.13	2.49	2.34	8.00	ppb
Arsenic	75-2	19.28	19.58	19.80	19.55	1.34	ppb
Barium	135-1	130.79	124.25	131.26	128.76	3.05	ppb
Barium	137-1	129.31	125.11	136.91	130.45	4.58	ppb
Beryllium	9-1	0.61	0.61	0.63	0.61	2.23	ppb
Bismuth	209-1				117		%
Bismuth	209-2				99		%
Boron	10-1	17.39	17.41	17.47	17.42	0.25	ppb
Boron	11-1	19.53	19.33	19.65	19.50	0.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.69	0.81	0.95	0.82	15.94	ppb
Cadmium	106-1	0.29	2.01	1.30	1.20	72.29	ppb
Cadmium	108-1	2.32	2.35	2.20	2.29	3.53	ppb
Calcium	43-1	88076.37	93784.08	94720.68	92193.71	3.90	ppb
Calcium	44-1	89206.89	91402.94	93923.63	91511.15	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.68	119.26	108.89	114.94	4.70	ppb
Cobalt	59-2	47.13	48.30	44.53	46.66	4.14	ppb
Copper	63-2	285.78	283.27	260.81	276.62	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				99		%
Indium	115-1				114		%
Indium	115-2				93		%
Iron	54-2	86408.44	89119.88	81806.42	85778.25	4.31	ppb
Iron	56-2	87326.28	89450.08	83787.60	86854.65	3.29	ppb
Iron	57-2	89744.28	91548.20	83513.23	88268.57	4.78	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.99	37.78	38.40	38.39	1.58	ppb
Lead	207-1	37.22	35.59	36.69	36.50	2.28	ppb
Lead	208-1	36.86	36.23	37.29	36.79	1.44	ppb
Lithium	6-1				114		%
Magnesium	24-2	22657.30	22661.04	21077.36	22131.90	4.13	ppb
Manganese	55-2	1412.83	1446.78	1339.18	1399.60	3.93	ppb
Molybdenum	94-1	28.37	28.69	27.61	28.23	1.96	ppb
Molybdenum	95-1	6.05	6.18	5.87	6.03	2.59	ppb
Molybdenum	96-1	8.63	9.37	8.85	8.95	4.28	ppb
Molybdenum	97-1	6.13	6.14	6.23	6.17	0.93	ppb
Molybdenum	98-1	5.99	6.59	6.04	6.21	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.25	455.08	420.70	442.34	4.26	ppb
Phosphorus	31-2	1039.14	1147.01	971.15	1052.44	8.43	ppb
Potassium	39-2	1373.69	1404.08	1309.70	1362.49	3.54	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				112		%
Scandium	45-2				95		%
Selenium	82-1	1.18	1.16	1.16	1.17	1.34	ppb
Selenium	77-2	11.11	15.43	10.33	12.29	22.34	ppb
Selenium	78-2	5.36	4.24	3.45	4.35	22.16	ppb
Silicon	28-1	573.79	623.96	627.08	608.28	4.92	ppb
Silver	107-1	0.55	0.56	0.59	0.56	3.66	ppb
Silver	109-1	0.58	0.56	0.62	0.59	5.37	ppb
Sodium	23-2	1136.56	1127.89	1038.88	1101.11	4.91	ppb
Strontium	86-1	351.83	368.29	344.82	354.98	3.39	ppb
Strontium	88-1	353.82	361.72	345.05	353.53	2.36	ppb
Sulfur	34-1	-895.57	-547.17	-529.14	-657.29		ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.15	0.14	0.14	5.62	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	5.41	ppb
Tin	118-1	5.77	5.38	5.68	5.61	3.65	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1904.59	1971.67	1985.27	1953.84	2.21	ppb
Uranium	238-1	0.81	0.80	0.82	0.81	1.19	ppb
Vanadium	51-2	1007.41	1047.29	934.03	996.24	5.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				96		%
Zinc	66-2	632.77	647.35	589.03	623.05	4.87	ppb
Zirconium	90-1	12.99	13.38	13.33	13.24	1.59	ppb
Zirconium	91-1	12.73	13.21	12.91	12.95	1.86	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123994.64	120893.74	117835.59	120907.99	2.55	ppb
Antimony	121-1	7.57	7.54	7.26	7.46	2.29	ppb
Arsenic	75-2	90.76	89.90	87.12	89.26	2.13	ppb
Barium	135-1	740.78	769.59	710.00	740.12	4.03	ppb
Barium	137-1	779.66	782.56	752.57	771.60	2.14	ppb
Beryllium	9-1	2.34	2.23	2.30	2.29	2.33	ppb
Bismuth	209-1				137		%
Bismuth	209-2				107		%
Boron	10-1	36.61	37.77	37.54	37.30	1.64	ppb
Boron	11-1	39.97	42.74	42.35	41.68	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	6.92	6.98	6.62	6.84	2.82	ppb
Cadmium	106-1	22.63	23.18	20.09	21.97	7.49	ppb
Cadmium	108-1	15.19	15.50	14.98	15.22	1.72	ppb
Calcium	43-1	403069.28	403599.84	405070.00	403913.04	0.26	ppb
Calcium	44-1	398745.05	410792.05	403909.57	404482.22	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	448.06	431.65	426.03	435.25	2.63	ppb
Cobalt	59-2	186.43	184.26	178.75	183.15	2.16	ppb
Copper	63-2	791.40	790.80	797.96	793.39	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				129		%
Holmium	165-2				104		%
Indium	115-1				128		%
Indium	115-2				98		%
Iron	54-2	514830.23	511775.82	505757.70	510787.92	0.90	ppb
Iron	56-2	518816.20	517804.88	527498.51	521373.20	1.02	ppb
Iron	57-2	538075.96	535775.85	519455.95	531102.59	1.91	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	101.26	102.40	102.65	102.10	0.72	ppb
Lead	207-1	95.68	96.51	96.46	96.21	0.48	ppb
Lead	208-1	97.34	98.64	99.81	98.60	1.25	ppb
Lithium	6-1				137		%
Magnesium	24-2	94105.24	91089.79	92329.29	92508.11	1.64	ppb
Manganese	55-2	7259.90	7058.23	7035.48	7117.87	1.74	ppb
Molybdenum	94-1	170.06	172.14	165.10	169.10	2.14	ppb
Molybdenum	95-1	35.89	35.58	34.95	35.48	1.36	ppb
Molybdenum	96-1	54.31	53.58	53.52	53.80	0.81	ppb
Molybdenum	97-1	36.18	36.18	35.37	35.91	1.30	ppb
Molybdenum	98-1	36.17	36.17	35.43	35.92	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.00	992.06	991.41	999.49	1.34	ppb
Phosphorus	31-2	4706.16	4755.51	4709.57	4723.75	0.58	ppb
Potassium	39-2	6353.41	6139.22	6342.43	6278.35	1.92	ppb
Rhodium	103-1				109		%
Rhodium	103-2				92		%
Scandium	45-1				134		%
Scandium	45-2				105		%
Selenium	82-1	3.20	3.10	2.87	3.06	5.52	ppb
Selenium	77-2	46.81	36.45	51.36	44.87	17.04	ppb
Selenium	78-2	12.27	12.78	12.08	12.38	2.93	ppb
Silicon	28-1	2090.30	2040.72	2018.42	2049.81	1.80	ppb
Silver	107-1	2.86	3.24	2.78	2.96	8.21	ppb
Silver	109-1	2.83	3.05	2.56	2.81	8.75	ppb
Sodium	23-2	4633.16	4537.96	4582.28	4584.47	1.04	ppb
Strontium	86-1	1564.67	1587.05	1619.33	1590.35	1.73	ppb
Strontium	88-1	1606.00	1616.70	1599.84	1607.51	0.53	ppb
Sulfur	34-1	858.02	711.69	765.58	778.43	9.51	ppb
Terbium	159-1				126		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.35	0.42	0.37	13.07	ppb
Thallium	205-1	0.35	0.38	0.40	0.38	7.07	ppb
Tin	118-1	34.99	36.70	35.47	35.72	2.48	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8060.09	8198.99	8242.93	8167.34	1.17	ppb
Uranium	238-1	3.30	3.27	3.25	3.27	0.90	ppb
Vanadium	51-2	2975.25	2821.28	2843.35	2879.96	2.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				144		%
Yttrium	89-2				106		%
Zinc	66-2	2927.93	2841.56	2912.67	2894.05	1.59	ppb
Zirconium	90-1	80.51	83.24	80.85	81.53	1.82	ppb
Zirconium	91-1	78.91	78.91	79.27	79.03	0.26	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28976.66	28874.16	27196.83	28349.21	3.53	ppb
Antimony	121-1	1.53	1.65	1.62	1.60	3.77	ppb
Arsenic	75-2	19.55	19.85	19.67	19.69	0.78	ppb
Barium	135-1	142.63	146.00	150.43	146.35	2.67	ppb
Barium	137-1	149.07	152.80	149.45	150.44	1.36	ppb
Beryllium	9-1	0.58	0.54	0.52	0.55	5.36	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	10-1	14.93	14.97	14.21	14.70	2.88	ppb
Boron	11-1	16.00	16.43	16.16	16.20	1.34	ppb
Bromine	81-1						cps
Cadmium	111-1	1.54	1.27	1.38	1.40	9.87	ppb
Cadmium	106-1	4.62	2.52	2.62	3.25	36.50	ppb
Cadmium	108-1	2.74	3.63	3.14	3.17	13.96	ppb
Calcium	43-1	92083.83	94863.67	96272.79	94406.76	2.26	ppb
Calcium	44-1	91851.99	92986.92	91826.50	92221.80	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.98	97.46	97.17	97.87	0.99	ppb
Cobalt	59-2	41.73	41.10	41.23	41.35	0.80	ppb
Copper	63-2	182.47	181.47	179.27	181.07	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				115		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	54-2	119081.26	118907.14	117619.75	118536.05	0.67	ppb
Iron	56-2	119564.22	116180.87	118825.87	118190.32	1.51	ppb
Iron	57-2	123086.15	120136.73	119311.32	120844.73	1.64	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.18	22.68	22.59	22.82	1.40	ppb
Lead	207-1	21.12	21.85	21.02	21.33	2.12	ppb
Lead	208-1	21.83	22.24	21.85	21.97	1.05	ppb
Lithium	6-1				109		%
Magnesium	24-2	22095.02	21541.00	21331.02	21655.68	1.82	ppb
Manganese	55-2	1637.97	1603.23	1554.50	1598.57	2.62	ppb
Molybdenum	94-1	37.52	39.29	36.45	37.75	3.81	ppb
Molybdenum	95-1	8.13	8.30	7.77	8.07	3.30	ppb
Molybdenum	96-1	12.59	12.26	11.88	12.24	2.91	ppb
Molybdenum	97-1	8.35	8.37	7.61	8.11	5.35	ppb
Molybdenum	98-1	7.84	8.23	7.86	7.98	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	231.33	233.41	230.56	231.77	0.64	ppb
Phosphorus	31-2	1095.56	1032.64	1114.86	1081.02	3.98	ppb
Potassium	39-2	1428.10	1433.06	1392.42	1417.86	1.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				89		%
Selenium	82-1	1.08	0.69	1.11	0.96	24.22	ppb
Selenium	77-2	10.56	6.83	6.77	8.06	26.91	ppb
Selenium	78-2	3.65	3.51	2.70	3.29	15.68	ppb
Silicon	28-1	565.63	423.77	464.99	484.79	15.05	ppb
Silver	107-1	0.30	0.28	0.32	0.30	6.69	ppb
Silver	109-1	0.27	0.27	0.28	0.27	2.49	ppb
Sodium	23-2	1042.59	1020.97	1024.65	1029.41	1.12	ppb
Strontium	86-1	366.32	366.20	352.77	361.77	2.15	ppb
Strontium	88-1	359.90	373.48	355.85	363.08	2.54	ppb
Sulfur	34-1	-632.61	-817.71	-471.30	-640.54		ppb
Terbium	159-1				114		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.08	0.08	0.08	10.37	ppb
Thallium	205-1	0.10	0.08	0.09	0.09	8.87	ppb
Tin	118-1	6.50	6.90	6.82	6.74	3.14	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1928.49	1901.23	1884.65	1904.79	1.16	ppb
Uranium	238-1	0.76	0.74	0.75	0.75	1.49	ppb
Vanadium	51-2	643.00	637.97	627.35	636.11	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				92		%
Zinc	66-2	718.83	708.87	708.15	711.95	0.84	ppb
Zirconium	90-1	18.05	18.14	17.66	17.95	1.43	ppb
Zirconium	91-1	17.46	18.02	17.36	17.61	2.04	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	225187.80	221266.40	212259.32	219571.18	3.02	ppb
Antimony	121-1	3.33	3.55	3.34	3.41	3.74	ppb
Arsenic	75-2	28.85	29.08	27.17	28.37	3.66	ppb
Barium	135-1	316.90	322.12	314.92	317.98	1.17	ppb
Barium	137-1	327.56	335.55	326.12	329.74	1.54	ppb
Beryllium	9-1	2.34	2.34	2.21	2.30	3.26	ppb
Bismuth	209-1				129		%
Bismuth	209-2				101		%
Boron	10-1	43.12	45.72	47.13	45.33	4.49	ppb
Boron	11-1	48.59	50.51	53.12	50.74	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	6.61	6.59	6.22	6.47	3.45	ppb
Cadmium	106-1	47.48	47.55	42.43	45.82	6.40	ppb
Cadmium	108-1	26.81	28.00	26.33	27.05	3.18	ppb
Calcium	43-1	265712.21	274799.15	270782.71	270431.35	1.68	ppb
Calcium	44-1	268153.03	270642.45	276399.47	271731.65	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214.47	210.75	207.62	210.95	1.62	ppb
Cobalt	59-2	211.64	204.93	200.21	205.59	2.79	ppb
Copper	63-2	1473.91	1403.22	1395.36	1424.16	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				101		%
Indium	115-1				122		%
Indium	115-2				94		%
Iron	54-2	474975.46	468687.93	474421.04	472694.81	0.74	ppb
Iron	56-2	491030.46	478624.68	462879.06	477511.40	2.95	ppb
Iron	57-2	484483.43	484510.89	471552.25	480182.19	1.56	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	106.19	116.97	115.16	112.77	5.12	ppb
Lead	207-1	101.09	106.80	105.49	104.46	2.86	ppb
Lead	208-1	103.96	109.50	108.55	107.34	2.76	ppb
Lithium	6-1				130		%
Magnesium	24-2	146359.73	140896.09	140112.73	142456.18	2.39	ppb
Manganese	55-2	8136.90	7925.41	7937.81	8000.04	1.48	ppb
Molybdenum	94-1	339.33	348.99	343.61	343.98	1.41	ppb
Molybdenum	95-1	10.98	11.17	11.02	11.06	0.89	ppb
Molybdenum	96-1	50.11	49.68	50.41	50.07	0.74	ppb
Molybdenum	97-1	11.23	11.25	11.31	11.26	0.37	ppb
Molybdenum	98-1	10.67	10.92	10.99	10.86	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	349.12	345.18	340.19	344.83	1.30	ppb
Phosphorus	31-2	5892.58	5765.77	5822.93	5827.09	1.09	ppb
Potassium	39-2	3303.43	3200.85	3206.59	3236.96	1.78	ppb
Rhodium	103-1				107		%
Rhodium	103-2				91		%
Scandium	45-1				154		%
Scandium	45-2				121		%
Selenium	82-1	2.57	2.20	1.98	2.25	13.34	ppb
Selenium	77-2	50.17	58.19	46.47	51.61	11.61	ppb
Selenium	78-2	11.36	10.75	11.85	11.32	4.87	ppb
Silicon	28-1	1778.65	1698.29	1842.65	1773.19	4.08	ppb
Silver	107-1	1.64	1.79	1.69	1.71	4.49	ppb
Silver	109-1	1.43	1.53	1.47	1.48	3.29	ppb
Sodium	23-2	10158.61	9739.75	9824.57	9907.65	2.24	ppb
Strontium	86-1	490.35	485.87	508.87	495.03	2.46	ppb
Strontium	88-1	468.82	495.54	480.74	481.70	2.78	ppb
Sulfur	34-1	-438.74	-341.70	-197.94	-326.12		ppb
Terbium	159-1				127		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.13	0.14	0.12	14.13	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	3.15	ppb
Tin	118-1	17.91	19.50	18.58	18.66	4.27	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15167.68	15641.93	15253.97	15354.53	1.65	ppb
Uranium	238-1	3.22	3.50	3.45	3.39	4.48	ppb
Vanadium	51-2	1616.36	1622.79	1602.82	1613.99	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				145		%
Yttrium	89-2				109		%
Zinc	66-2	1566.31	1526.81	1523.56	1538.89	1.55	ppb
Zirconium	90-1	192.66	197.95	198.34	196.32	1.62	ppb
Zirconium	91-1	185.53	188.49	186.37	186.80	0.82	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57372.06	56989.78	54524.98	56295.61	2.74	ppb
Antimony	121-1	0.74	0.76	0.70	0.73	4.00	ppb
Arsenic	75-2	6.24	6.16	6.28	6.22	0.99	ppb
Barium	135-1	63.13	63.04	63.48	63.22	0.37	ppb
Barium	137-1	64.55	65.83	66.44	65.61	1.47	ppb
Beryllium	9-1	0.52	0.53	0.53	0.53	1.58	ppb
Bismuth	209-1				114		%
Bismuth	209-2				95		%
Boron	10-1	16.33	15.15	16.21	15.90	4.09	ppb
Boron	11-1	17.76	16.69	17.83	17.43	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.08	1.41	1.21	14.42	ppb
Cadmium	106-1	6.37	5.75	8.02	6.71	17.49	ppb
Cadmium	108-1	5.79	5.74	6.32	5.95	5.43	ppb
Calcium	43-1	71371.24	69684.84	73622.91	71559.67	2.76	ppb
Calcium	44-1	71835.57	67957.82	70790.79	70194.72	2.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.25	52.88	51.54	52.89	2.56	ppb
Cobalt	59-2	53.94	52.38	50.93	52.42	2.87	ppb
Copper	63-2	372.00	359.39	354.31	361.90	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				94		%
Indium	115-1				110		%
Indium	115-2				87		%
Iron	54-2	127810.25	119902.17	115143.15	120951.86	5.29	ppb
Iron	56-2	124606.67	119732.71	116961.28	120433.55	3.21	ppb
Iron	57-2	124558.46	124277.54	120136.04	122990.68	2.01	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.03	23.64	22.63	23.10	2.19	ppb
Lead	207-1	21.48	21.66	21.26	21.47	0.93	ppb
Lead	208-1	21.95	22.49	21.71	22.05	1.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	36612.18	36802.38	35441.96	36285.51	2.03	ppb
Manganese	55-2	2156.91	2014.14	1986.85	2052.63	4.45	ppb
Molybdenum	94-1	75.21	76.59	77.36	76.39	1.43	ppb
Molybdenum	95-1	2.64	2.52	2.55	2.57	2.56	ppb
Molybdenum	96-1	10.88	11.23	11.16	11.09	1.66	ppb
Molybdenum	97-1	2.38	2.50	2.57	2.48	3.86	ppb
Molybdenum	98-1	2.47	2.41	2.44	2.44	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.68	89.22	86.37	88.42	2.03	ppb
Phosphorus	31-2	1558.54	1433.57	1525.86	1505.99	4.30	ppb
Potassium	39-2	826.59	795.02	772.37	797.99	3.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				90		%
Scandium	45-1				108		%
Scandium	45-2				91		%
Selenium	82-1	1.08	0.66	0.64	0.80	31.22	ppb
Selenium	77-2	12.72	11.90	15.26	13.29	13.18	ppb
Selenium	78-2	4.61	4.02	2.93	3.85	22.11	ppb
Silicon	28-1	787.37	423.87	477.90	563.04	34.84	ppb
Silver	107-1	0.32	0.28	0.27	0.29	9.24	ppb
Silver	109-1	0.28	0.26	0.24	0.26	7.52	ppb
Sodium	23-2	2534.79	2479.92	2436.74	2483.82	1.98	ppb
Strontium	86-1	107.42	109.79	111.45	109.55	1.85	ppb
Strontium	88-1	110.56	113.22	112.02	111.93	1.19	ppb
Sulfur	34-1	-747.83	-864.31	-799.40	-803.85		ppb
Terbium	159-1				112		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.01	0.01	48.25	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	48.43	ppb
Tin	118-1	3.33	3.45	3.58	3.45	3.67	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4074.04	3866.12	3952.28	3964.15	2.64	ppb
Uranium	238-1	0.67	0.67	0.70	0.68	2.28	ppb
Vanadium	51-2	399.78	383.58	386.77	390.04	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				90		%
Zinc	66-2	430.81	419.32	395.29	415.14	4.37	ppb
Zirconium	90-1	42.73	43.21	43.93	43.29	1.40	ppb
Zirconium	91-1	41.18	41.51	42.78	41.83	2.02	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67182.86	63625.19	63956.57	64921.54	3.03	ppb
Antimony	121-1	0.83	0.67	0.65	0.72	14.07	ppb
Arsenic	75-2	7.26	7.55	7.90	7.57	4.23	ppb
Barium	135-1	91.71	80.34	73.06	81.70	11.50	ppb
Barium	137-1	94.19	79.72	76.00	83.30	11.53	ppb
Beryllium	9-1	0.76	0.64	0.59	0.66	12.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	18.65	15.25	15.20	16.36	12.11	ppb
Boron	11-1	19.31	16.90	17.48	17.89	7.03	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.80	0.71	0.85	19.53	ppb
Cadmium	106-1	6.66	6.08	3.34	5.36	33.08	ppb
Cadmium	108-1	5.41	4.51	5.02	4.98	9.11	ppb
Calcium	43-1	99213.57	82957.38	82950.96	88373.97	10.62	ppb
Calcium	44-1	97234.80	83966.11	80172.15	87124.35	10.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.98	57.91	57.60	58.16	1.24	ppb
Cobalt	59-2	54.12	52.53	53.27	53.31	1.50	ppb
Copper	63-2	434.73	418.23	426.84	426.60	1.93	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				104		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				86		%
Iron	54-2	117062.21	113167.75	117228.12	115819.36	1.98	ppb
Iron	56-2	121575.32	115900.70	117495.09	118323.70	2.47	ppb
Iron	57-2	121629.96	116187.92	118462.35	118760.07	2.30	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	28.01	22.63	22.65	24.43	12.70	ppb
Lead	207-1	26.60	21.68	21.91	23.40	11.87	ppb
Lead	208-1	27.07	22.13	22.37	23.86	11.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	37903.85	37196.29	36651.68	37250.60	1.69	ppb
Manganese	55-2	2256.34	2135.94	2216.08	2202.79	2.78	ppb
Molybdenum	94-1	90.85	78.84	76.01	81.90	9.62	ppb
Molybdenum	95-1	1.74	1.38	1.33	1.48	14.95	ppb
Molybdenum	96-1	12.40	10.50	10.29	11.07	10.50	ppb
Molybdenum	97-1	1.66	1.34	1.38	1.46	11.86	ppb
Molybdenum	98-1	1.53	1.39	1.39	1.43	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.31	91.92	94.66	93.63	1.59	ppb
Phosphorus	31-2	1410.05	1348.83	1344.20	1367.69	2.69	ppb
Potassium	39-2	877.89	875.29	856.03	869.73	1.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	82-1	1.18	0.93	1.04	1.05	11.81	ppb
Selenium	77-2	14.54	12.80	12.00	13.11	9.88	ppb
Selenium	78-2	4.59	3.12	2.99	3.57	24.90	ppb
Silicon	28-1	521.70	579.24	438.52	513.15	13.79	ppb
Silver	107-1	0.59	0.50	0.47	0.52	11.94	ppb
Silver	109-1	0.55	0.44	0.45	0.48	12.64	ppb
Sodium	23-2	2136.42	2080.82	2075.38	2097.54	1.61	ppb
Strontium	86-1	117.92	99.02	96.89	104.61	11.07	ppb
Strontium	88-1	119.83	97.68	99.21	105.57	11.72	ppb
Sulfur	34-1	96.63	-1217.53	-1493.38	-871.42		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.02	0.01	122.19	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	45.87	ppb
Tin	118-1	3.25	2.80	2.70	2.92	10.14	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4970.57	4093.48	4123.46	4395.83	11.33	ppb
Uranium	238-1	0.92	0.73	0.71	0.79	14.59	ppb
Vanadium	51-2	447.68	448.69	448.58	448.32	0.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				90		%
Zinc	66-2	379.10	380.02	384.62	381.25	0.78	ppb
Zirconium	90-1	52.17	44.33	44.89	47.13	9.28	ppb
Zirconium	91-1	51.23	43.59	43.31	46.05	9.76	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53014.07	48430.80	47977.68	49807.52	5.59	ppb
Antimony	121-1	465.79	557.26	528.22	517.09	9.04	ppb
Arsenic	75-2	483.98	461.54	465.28	470.26	2.56	ppb
Barium	135-1	2407.13	2877.35	2731.94	2672.14	9.01	ppb
Barium	137-1	2319.21	2891.60	2736.84	2649.22	11.18	ppb
Beryllium	9-1	444.31	528.41	495.74	489.49	8.66	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Boron	10-1	424.66	536.90	526.07	495.88	12.48	ppb
Boron	11-1	462.96	589.79	560.14	537.63	12.34	ppb
Bromine	81-1						cps
Cadmium	111-1	447.28	544.76	520.25	504.10	10.06	ppb
Cadmium	106-1	444.88	537.30	513.32	498.50	9.62	ppb
Cadmium	108-1	449.41	546.76	528.75	508.31	10.19	ppb
Calcium	43-1	227852.90	261756.10	254425.49	248011.50	7.19	ppb
Calcium	44-1	224814.28	254581.74	246328.67	241908.23	6.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.05	473.70	465.47	481.74	4.45	ppb
Cobalt	59-2	511.58	473.66	466.20	483.81	5.03	ppb
Copper	63-2	5321.15	5096.22	4960.03	5125.80	3.56	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				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	54-2	128497.44	122518.74	121266.61	124094.26	3.11	ppb
Iron	56-2	131491.93	125410.94	122312.00	126404.96	3.69	ppb
Iron	57-2	132886.14	127422.00	126371.23	128893.12	2.71	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2457.87	2881.97	2724.06	2687.96	7.97	ppb
Lead	207-1	2481.25	2839.48	2725.58	2682.11	6.82	ppb
Lead	208-1	2455.83	2876.78	2704.04	2678.88	7.90	ppb
Lithium	6-1				86		%
Magnesium	24-2	265708.03	252300.04	248163.98	255390.68	3.59	ppb
Manganese	55-2	4976.02	4727.59	4796.45	4833.35	2.65	ppb
Molybdenum	94-1	4750.09	5788.84	5445.44	5328.12	9.93	ppb
Molybdenum	95-1	4794.58	5720.17	5345.86	5286.87	8.81	ppb
Molybdenum	96-1	4788.72	5585.56	5301.49	5225.26	7.73	ppb
Molybdenum	97-1	4789.78	5605.93	5371.34	5255.68	7.99	ppb
Molybdenum	98-1	4676.93	5525.02	5369.15	5190.37	8.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.67	481.09	477.23	489.33	3.62	ppb
Phosphorus	31-2	9950.15	9406.34	9274.49	9543.66	3.75	ppb
Potassium	39-2	131894.07	121971.17	123178.38	125681.21	4.31	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	454.90	537.68	520.78	504.45	8.67	ppb
Selenium	77-2	456.84	444.05	469.73	456.87	2.81	ppb
Selenium	78-2	482.02	452.23	450.20	461.48	3.86	ppb
Silicon	28-1	427.53	540.53	518.04	495.37	12.07	ppb
Silver	107-1	443.31	537.76	530.12	503.73	10.41	ppb
Silver	109-1	468.62	548.10	521.30	512.67	7.89	ppb
Sodium	23-2	263253.40	255090.33	247224.32	255189.35	3.14	ppb
Strontium	86-1	12156.47	14187.78	13199.90	13181.39	7.71	ppb
Strontium	88-1	12064.67	13832.47	13310.30	13069.14	6.95	ppb
Sulfur	34-1	10847.30	13685.54	12420.28	12317.71	11.54	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	492.91	585.33	544.96	541.07	8.56	ppb
Thallium	205-1	497.57	568.04	537.85	534.49	6.62	ppb
Tin	118-1	471.98	570.15	548.97	530.37	9.74	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4869.07	5584.87	5390.66	5281.54	7.01	ppb
Uranium	238-1	485.88	584.59	557.79	542.75	9.41	ppb
Vanadium	51-2	507.75	482.06	469.77	486.53	3.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	4968.62	4691.77	4689.52	4783.30	3.36	ppb
Zirconium	90-1	485.26	557.88	540.26	527.80	7.18	ppb
Zirconium	91-1	470.60	551.65	518.35	513.53	7.93	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.64	1.32	0.89	41.61	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	6.48	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	831.16	ppb
Barium	135-1	0.12	0.06	0.02	0.06	77.51	ppb
Barium	137-1	0.07	0.11	0.01	0.06	76.39	ppb
Beryllium	9-1	0.03	0.08	0.02	0.04	66.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	11.25	11.19	10.68	11.04	2.85	ppb
Boron	11-1	12.60	11.90	11.20	11.90	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.21	-0.13	-0.16		ppb
Cadmium	106-1	-2.39	-3.30	-2.00	-2.56		ppb
Cadmium	108-1	-0.04	-0.01	0.09	0.01	472.48	ppb
Calcium	43-1	8.09	19.48	2.22	9.93	88.33	ppb
Calcium	44-1	10.44	14.66	2.68	9.26	65.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.02	0.01	0.03	97.99	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	22167.30	ppb
Copper	63-2	0.32	0.29	0.29	0.30	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	54-2	1.65	2.11	2.77	2.18	25.88	ppb
Iron	56-2	2.16	2.28	2.88	2.44	15.86	ppb
Iron	57-2	2.04	1.72	1.05	1.60	31.57	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.08	0.12	28.16	ppb
Lead	207-1	0.10	0.18	0.08	0.12	45.20	ppb
Lead	208-1	0.12	0.17	0.08	0.12	40.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	1.63	0.90	3.47	2.00	66.04	ppb
Manganese	55-2	0.07	0.11	0.08	0.09	23.17	ppb
Molybdenum	94-1	0.31	0.46	0.17	0.31	46.75	ppb
Molybdenum	95-1	0.27	0.31	0.20	0.26	21.52	ppb
Molybdenum	96-1	0.24	0.26	0.17	0.23	21.79	ppb
Molybdenum	97-1	0.24	0.33	0.17	0.25	31.44	ppb
Molybdenum	98-1	0.26	0.33	0.15	0.25	36.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00		ppb
Phosphorus	31-2	-18.53	-14.99	-15.74	-16.42		ppb
Potassium	39-2	14.77	11.22	-9.89	5.37	248.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	0.50	0.13	0.60	0.41	59.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.97	0.54	-0.02	0.49	100.44	ppb
Silicon	28-1	2.49	-2.58	-0.59	-0.23		ppb
Silver	107-1	-0.01	0.00	0.00	-0.01		ppb
Silver	109-1	0.00	0.01	-0.01	0.00	982.23	ppb
Sodium	23-2	32.95	32.91	26.58	30.82	11.90	ppb
Strontium	86-1	0.36	0.61	0.13	0.37	66.51	ppb
Strontium	88-1	0.30	0.51	0.13	0.32	60.21	ppb
Sulfur	34-1	-383.30	-739.00	-592.53	-571.61		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.03	0.03	0.04	36.93	ppb
Thallium	205-1	0.04	0.05	0.02	0.04	49.62	ppb
Tin	118-1	-0.03	-0.03	-0.05	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.67	0.06	0.35	88.13	ppb
Uranium	238-1	0.01	0.04	0.01	0.02	94.48	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	50.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	0.23	-0.01	0.24	0.15	92.04	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	131.75	ppb
Zirconium	91-1	0.05	0.01	0.01	0.03	84.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	251918.43	234305.54	234035.08	240086.35	4.27	ppb
Antimony	121-1	3.40	4.30	3.24	3.65	15.63	ppb
Arsenic	75-2	34.39	33.33	33.00	33.57	2.16	ppb
Barium	135-1	377.01	378.57	371.19	375.59	1.04	ppb
Barium	137-1	388.15	393.14	380.16	387.15	1.69	ppb
Beryllium	9-1	2.97	2.68	2.68	2.77	6.02	ppb
Bismuth	209-1				127		%
Bismuth	209-2				102		%
Boron	10-1	57.06	53.88	53.87	54.94	3.34	ppb
Boron	11-1	60.46	59.65	59.57	59.89	0.82	ppb
Bromine	81-1						cps
Cadmium	111-1	4.95	5.29	4.95	5.06	3.88	ppb
Cadmium	106-1	48.82	48.59	47.36	48.26	1.63	ppb
Cadmium	108-1	27.13	24.52	24.62	25.42	5.81	ppb
Calcium	43-1	320049.18	307460.34	319759.67	315756.40	2.28	ppb
Calcium	44-1	313521.37	309302.71	317141.23	313321.77	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.90	221.43	216.11	224.14	4.32	ppb
Cobalt	59-2	211.08	203.98	199.54	204.86	2.84	ppb
Copper	63-2	1692.35	1604.78	1585.63	1627.59	3.50	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				124		%
Holmium	165-2				97		%
Indium	115-1				117		%
Indium	115-2				88		%
Iron	54-2	463622.12	436908.05	422595.06	441041.74	4.72	ppb
Iron	56-2	465008.93	440539.75	431776.44	445775.04	3.86	ppb
Iron	57-2	464898.86	443265.71	434736.88	447633.82	3.47	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	110.63	103.09	106.13	106.62	3.56	ppb
Lead	207-1	104.46	97.80	96.49	99.58	4.29	ppb
Lead	208-1	106.17	100.55	100.82	102.51	3.09	ppb
Lithium	6-1				121		%
Magnesium	24-2	146834.07	139884.63	136088.29	140935.66	3.87	ppb
Manganese	55-2	8477.93	8300.59	8006.10	8261.54	2.88	ppb
Molybdenum	94-1	335.80	337.29	325.24	332.78	1.97	ppb
Molybdenum	95-1	5.87	5.76	5.79	5.81	1.00	ppb
Molybdenum	96-1	43.88	44.05	44.14	44.02	0.30	ppb
Molybdenum	97-1	5.80	6.12	5.72	5.88	3.58	ppb
Molybdenum	98-1	5.61	5.65	5.83	5.70	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	362.61	346.08	343.59	350.76	2.95	ppb
Phosphorus	31-2	5706.24	5337.40	5096.21	5379.95	5.71	ppb
Potassium	39-2	3577.71	3433.71	3351.76	3454.39	3.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				86		%
Scandium	45-1				153		%
Scandium	45-2				119		%
Selenium	82-1	3.02	3.40	2.48	2.97	15.55	ppb
Selenium	77-2	48.54	49.80	51.43	49.92	2.90	ppb
Selenium	78-2	14.43	15.93	14.42	14.93	5.81	ppb
Silicon	28-1	1844.00	1682.26	1912.45	1812.90	6.52	ppb
Silver	107-1	3.54	2.96	2.25	2.92	22.05	ppb
Silver	109-1	3.27	2.64	2.16	2.69	20.67	ppb
Sodium	23-2	8658.05	8167.12	8058.71	8294.62	3.85	ppb
Strontium	86-1	428.30	437.41	418.77	428.16	2.18	ppb
Strontium	88-1	427.38	438.79	427.50	431.22	1.52	ppb
Sulfur	34-1	-2269.48	-2324.39	-2062.60	-2218.82		ppb
Terbium	159-1				122		%
Terbium	159-2				98		%
Thallium	203-1	0.23	0.19	0.16	0.20	16.82	ppb
Thallium	205-1	0.24	0.18	0.17	0.20	18.68	ppb
Tin	118-1	15.32	16.19	16.22	15.91	3.20	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	16105.71	15564.04	15789.46	15819.74	1.72	ppb
Uranium	238-1	3.60	3.38	3.51	3.50	3.16	ppb
Vanadium	51-2	1878.70	1795.93	1762.30	1812.31	3.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				143		%
Yttrium	89-2				105		%
Zinc	66-2	1375.79	1330.74	1318.92	1341.82	2.24	ppb
Zirconium	90-1	192.56	194.44	187.81	191.60	1.78	ppb
Zirconium	91-1	186.00	185.42	184.66	185.36	0.36	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123000.72	124811.89	122050.84	123287.82	1.14	ppb
Antimony	121-1	7.43	7.51	7.23	7.39	1.93	ppb
Arsenic	75-2	95.92	96.85	94.82	95.86	1.06	ppb
Barium	135-1	379.02	388.35	374.95	380.77	1.80	ppb
Barium	137-1	392.55	390.46	386.65	389.89	0.77	ppb
Beryllium	9-1	2.22	2.13	2.09	2.15	3.21	ppb
Bismuth	209-1				131		%
Bismuth	209-2				103		%
Boron	10-1	35.09	35.76	35.79	35.55	1.11	ppb
Boron	11-1	40.03	40.35	40.57	40.32	0.68	ppb
Bromine	81-1						cps
Cadmium	111-1	3.82	3.68	3.25	3.58	8.28	ppb
Cadmium	106-1	10.57	10.61	6.90	9.36	22.75	ppb
Cadmium	108-1	8.20	8.01	8.09	8.10	1.18	ppb
Calcium	43-1	682285.34	668792.65	690809.89	680629.29	1.63	ppb
Calcium	44-1	670260.78	663848.66	682534.09	672214.51	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.67	492.01	483.54	492.74	1.95	ppb
Cobalt	59-2	184.47	181.01	181.95	182.47	0.98	ppb
Copper	63-2	715.24	710.52	737.92	721.23	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				98		%
Indium	115-1				118		%
Indium	115-2				89		%
Iron	54-2	341275.65	340759.74	323597.53	335210.97	3.00	ppb
Iron	56-2	345383.81	337697.51	333675.84	338919.05	1.76	ppb
Iron	57-2	353933.89	346618.36	337568.28	346040.18	2.37	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	357.78	347.68	357.93	354.47	1.66	ppb
Lead	207-1	338.19	339.20	349.47	342.29	1.82	ppb
Lead	208-1	342.45	343.91	346.98	344.44	0.67	ppb
Lithium	6-1				125		%
Magnesium	24-2	110606.04	112883.72	109050.33	110846.69	1.74	ppb
Manganese	55-2	6132.05	5969.21	5885.58	5995.61	2.09	ppb
Molybdenum	94-1	86.06	87.17	84.54	85.92	1.54	ppb
Molybdenum	95-1	21.01	22.08	20.80	21.29	3.22	ppb
Molybdenum	96-1	30.91	31.09	29.54	30.51	2.78	ppb
Molybdenum	97-1	21.52	22.74	20.81	21.69	4.51	ppb
Molybdenum	98-1	21.29	22.12	20.71	21.37	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2419.88	2421.51	2479.48	2440.29	1.39	ppb
Phosphorus	31-2	4345.22	4226.43	4354.19	4308.61	1.66	ppb
Potassium	39-2	3079.54	3098.06	3117.54	3098.38	0.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				88		%
Scandium	45-1				122		%
Scandium	45-2				94		%
Selenium	82-1	4.05	3.74	3.43	3.74	8.35	ppb
Selenium	77-2	53.15	53.94	37.33	48.14	19.47	ppb
Selenium	78-2	11.51	12.00	12.79	12.10	5.33	ppb
Silicon	28-1	3223.29	3153.76	3125.85	3167.63	1.58	ppb
Silver	107-1	0.91	1.00	0.99	0.97	5.10	ppb
Silver	109-1	0.93	0.93	0.86	0.91	4.39	ppb
Sodium	23-2	5837.97	5828.76	5847.11	5837.95	0.16	ppb
Strontium	86-1	2426.37	2423.49	2332.37	2394.08	2.23	ppb
Strontium	88-1	2362.65	2399.36	2303.54	2355.18	2.05	ppb
Sulfur	34-1	1970.77	2065.00	2589.86	2208.54	15.10	ppb
Terbium	159-1				125		%
Terbium	159-2				97		%
Thallium	203-1	0.41	0.44	0.42	0.42	3.12	ppb
Thallium	205-1	0.40	0.41	0.45	0.42	6.39	ppb
Tin	118-1	22.96	23.46	22.76	23.06	1.56	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6661.42	6617.62	6758.41	6679.15	1.08	ppb
Uranium	238-1	4.37	4.62	4.58	4.53	2.95	ppb
Vanadium	51-2	9087.51	9004.55	8918.99	9003.69	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				138		%
Yttrium	89-2				101		%
Zinc	66-2	2205.82	2222.11	2212.59	2213.51	0.37	ppb
Zirconium	90-1	38.48	40.40	38.78	39.22	2.63	ppb
Zirconium	91-1	38.09	39.24	37.07	38.13	2.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27930.11	27134.63	28806.15	27956.97	2.99	ppb
Antimony	121-1	1.49	1.50	1.59	1.53	3.71	ppb
Arsenic	75-2	21.67	21.58	22.58	21.94	2.51	ppb
Barium	135-1	71.30	74.22	77.21	74.24	3.98	ppb
Barium	137-1	73.11	76.95	78.25	76.10	3.51	ppb
Beryllium	9-1	0.47	0.48	0.50	0.48	3.03	ppb
Bismuth	209-1				112		%
Bismuth	209-2				92		%
Boron	10-1	13.65	13.06	13.29	13.33	2.24	ppb
Boron	11-1	13.67	14.58	15.01	14.42	4.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.67	0.52	0.55	19.64	ppb
Cadmium	106-1	-1.84	-0.26	-2.17	-1.42		ppb
Cadmium	108-1	1.35	1.39	1.77	1.51	15.51	ppb
Calcium	43-1	144155.58	147838.15	150943.80	147645.84	2.30	ppb
Calcium	44-1	142390.63	148898.54	149269.34	146852.83	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.72	108.21	111.33	109.75	1.42	ppb
Cobalt	59-2	41.91	39.42	42.21	41.18	3.71	ppb
Copper	63-2	160.48	155.77	164.23	160.16	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				91		%
Indium	115-1				105		%
Indium	115-2				82		%
Iron	54-2	77395.59	75155.40	75497.14	76016.04	1.59	ppb
Iron	56-2	76642.36	74239.37	77491.33	76124.36	2.22	ppb
Iron	57-2	78565.53	77553.88	81266.02	79128.47	2.43	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	69.68	71.39	70.48	70.52	1.22	ppb
Lead	207-1	67.50	67.94	67.07	67.50	0.65	ppb
Lead	208-1	67.37	68.84	68.45	68.22	1.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	25498.28	23963.47	25729.94	25063.90	3.83	ppb
Manganese	55-2	1312.32	1259.60	1307.14	1293.02	2.25	ppb
Molybdenum	94-1	19.56	18.73	20.06	19.45	3.46	ppb
Molybdenum	95-1	4.84	5.04	4.91	4.93	1.98	ppb
Molybdenum	96-1	6.65	7.10	7.07	6.94	3.65	ppb
Molybdenum	97-1	4.88	4.83	4.80	4.84	0.81	ppb
Molybdenum	98-1	4.84	4.90	4.63	4.79	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.24	509.57	547.03	531.61	3.69	ppb
Phosphorus	31-2	1009.15	877.00	813.43	899.86	11.10	ppb
Potassium	39-2	717.22	669.85	713.49	700.19	3.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				84		%
Scandium	45-1				101		%
Scandium	45-2				80		%
Selenium	82-1	1.03	0.86	0.92	0.94	9.25	ppb
Selenium	77-2	9.87	6.26	20.18	12.10	59.70	ppb
Selenium	78-2	4.06	3.31	3.49	3.62	10.72	ppb
Silicon	28-1	680.69	645.05	683.05	669.60	3.18	ppb
Silver	107-1	0.16	0.21	0.20	0.19	13.70	ppb
Silver	109-1	0.21	0.19	0.18	0.20	8.17	ppb
Sodium	23-2	1318.04	1260.78	1313.63	1297.48	2.46	ppb
Strontium	86-1	520.70	535.81	538.42	531.64	1.80	ppb
Strontium	88-1	523.60	538.36	546.08	536.02	2.13	ppb
Sulfur	34-1	-512.02	-473.78	-585.58	-523.79		ppb
Terbium	159-1				112		%
Terbium	159-2				92		%
Thallium	203-1	0.07	0.05	0.05	0.06	15.74	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	8.70	ppb
Tin	118-1	4.35	4.57	4.66	4.53	3.47	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1434.43	1541.34	1467.30	1481.03	3.70	ppb
Uranium	238-1	0.90	0.90	0.91	0.90	0.53	ppb
Vanadium	51-2	2025.98	1960.06	2018.08	2001.37	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				84		%
Zinc	66-2	551.68	546.32	566.45	554.82	1.88	ppb
Zirconium	90-1	8.58	8.84	9.09	8.84	2.91	ppb
Zirconium	91-1	8.69	8.97	9.23	8.96	3.02	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	268678.64	260735.21	265556.00	264989.95	1.51	ppb
Antimony	121-1	4.48	4.38	3.91	4.26	7.10	ppb
Arsenic	75-2	38.95	40.02	39.86	39.61	1.46	ppb
Barium	135-1	766.12	758.28	637.27	720.56	10.02	ppb
Barium	137-1	810.68	777.33	660.13	749.38	10.55	ppb
Beryllium	9-1	2.71	2.55	2.31	2.52	8.05	ppb
Bismuth	209-1				125		%
Bismuth	209-2				93		%
Boron	10-1	38.66	39.61	37.91	38.72	2.20	ppb
Boron	11-1	43.94	45.09	41.43	43.49	4.30	ppb
Bromine	81-1						cps
Cadmium	111-1	5.82	5.59	4.82	5.41	9.64	ppb
Cadmium	106-1	49.95	44.84	39.33	44.71	11.88	ppb
Cadmium	108-1	27.22	26.21	21.26	24.90	12.81	ppb
Calcium	43-1	295778.96	298377.49	268322.26	287492.90	5.79	ppb
Calcium	44-1	287282.71	303955.22	262535.18	284591.04	7.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279.68	282.84	278.28	280.26	0.83	ppb
Cobalt	59-2	223.76	224.88	224.98	224.54	0.30	ppb
Copper	63-2	2737.47	2775.41	2777.83	2763.57	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				94		%
Indium	115-1				120		%
Indium	115-2				83		%
Iron	54-2	497855.03	510345.26	488032.44	498744.24	2.24	ppb
Iron	56-2	509890.69	524216.49	505249.67	513118.95	1.93	ppb
Iron	57-2	513481.56	516195.77	515823.83	515167.05	0.29	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	171.03	172.91	143.78	162.57	10.03	ppb
Lead	207-1	158.86	160.31	138.56	152.58	7.97	ppb
Lead	208-1	171.19	168.36	143.96	161.17	9.29	ppb
Lithium	6-1				122		%
Magnesium	24-2	167113.00	169128.72	165864.16	167368.63	0.98	ppb
Manganese	55-2	8685.72	8948.31	8656.38	8763.47	1.83	ppb
Molybdenum	94-1	338.35	342.15	288.40	322.97	9.29	ppb
Molybdenum	95-1	8.64	8.71	7.38	8.24	9.05	ppb
Molybdenum	96-1	48.28	47.88	41.36	45.84	8.48	ppb
Molybdenum	97-1	8.70	8.52	7.13	8.12	10.60	ppb
Molybdenum	98-1	8.37	8.31	7.24	7.98	7.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	368.77	380.35	378.39	375.84	1.65	ppb
Phosphorus	31-2	5864.75	6106.72	5969.21	5980.23	2.03	ppb
Potassium	39-2	3154.55	3230.10	3261.67	3215.44	1.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				83		%
Scandium	45-1				150		%
Scandium	45-2				109		%
Selenium	82-1	1.76	2.42	1.74	1.97	19.54	ppb
Selenium	77-2	52.70	45.48	57.82	52.00	11.92	ppb
Selenium	78-2	13.80	14.59	13.25	13.88	4.85	ppb
Silicon	28-1	1843.60	1889.86	1627.80	1787.09	7.83	ppb
Silver	107-1	2.04	2.02	1.62	1.89	12.32	ppb
Silver	109-1	1.79	1.81	1.51	1.70	9.88	ppb
Sodium	23-2	5316.33	5473.79	5291.93	5360.68	1.84	ppb
Strontium	86-1	568.08	559.25	499.06	542.13	6.93	ppb
Strontium	88-1	553.25	543.07	481.59	525.97	7.37	ppb
Sulfur	34-1	-2774.99	-2538.24	-3175.15	-2829.46		ppb
Terbium	159-1				124		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.11	0.10	0.11	8.90	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	8.49	ppb
Tin	118-1	19.35	19.97	16.51	18.61	9.91	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	17107.91	17086.46	15405.19	16533.19	5.91	ppb
Uranium	238-1	3.07	3.08	2.66	2.94	8.28	ppb
Vanadium	51-2	1762.92	1775.90	1764.62	1767.81	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				142		%
Yttrium	89-2				99		%
Zinc	66-2	1398.72	1424.73	1460.41	1427.95	2.17	ppb
Zirconium	90-1	195.78	194.08	166.54	185.47	8.85	ppb
Zirconium	91-1	184.03	189.45	163.54	179.01	7.63	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72879.57	71220.47	69221.54	71107.19	2.58	ppb
Antimony	121-1	0.93	0.94	1.02	0.96	5.26	ppb
Arsenic	75-2	9.74	9.65	9.35	9.58	2.14	ppb
Barium	135-1	144.67	153.11	152.97	150.25	3.21	ppb
Barium	137-1	152.93	155.88	160.85	156.55	2.56	ppb
Beryllium	9-1	0.63	0.67	0.66	0.65	3.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	12.95	14.30	13.86	13.70	5.02	ppb
Boron	11-1	14.62	15.15	15.46	15.08	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	0.79	1.07	0.99	17.18	ppb
Cadmium	106-1	7.68	3.72	7.96	6.45	36.73	ppb
Cadmium	108-1	5.18	5.25	5.67	5.37	4.93	ppb
Calcium	43-1	76010.67	78291.47	79610.60	77970.91	2.34	ppb
Calcium	44-1	77632.72	77769.20	80514.95	78638.96	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.01	71.17	70.92	71.36	0.80	ppb
Cobalt	59-2	59.64	57.52	58.04	58.40	1.89	ppb
Copper	63-2	776.55	765.03	755.41	765.66	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				110		%
Holmium	165-2				92		%
Indium	115-1				104		%
Indium	115-2				82		%
Iron	54-2	130401.11	128907.88	126089.52	128466.17	1.70	ppb
Iron	56-2	134344.84	133270.02	130477.72	132697.53	1.50	ppb
Iron	57-2	140984.41	132313.24	131134.38	134810.68	3.99	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	33.75	35.93	33.77	34.48	3.64	ppb
Lead	207-1	32.21	34.30	32.45	32.98	3.47	ppb
Lead	208-1	32.69	34.69	33.51	33.63	2.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	43959.11	43076.23	41995.08	43010.14	2.29	ppb
Manganese	55-2	2306.01	2327.68	2248.18	2293.96	1.79	ppb
Molybdenum	94-1	75.21	77.55	77.87	76.87	1.89	ppb
Molybdenum	95-1	1.86	1.96	1.91	1.91	2.52	ppb
Molybdenum	96-1	10.78	10.71	10.86	10.79	0.70	ppb
Molybdenum	97-1	1.81	2.01	2.09	1.97	7.17	ppb
Molybdenum	98-1	1.98	2.00	1.99	1.99	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.59	99.33	99.89	100.27	1.17	ppb
Phosphorus	31-2	1474.22	1607.18	1399.88	1493.76	7.03	ppb
Potassium	39-2	857.24	815.74	830.20	834.39	2.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				103		%
Scandium	45-2				83		%
Selenium	82-1	1.10	0.94	0.53	0.86	34.10	ppb
Selenium	77-2	16.85	24.11	12.86	17.94	31.79	ppb
Selenium	78-2	2.75	4.37	3.72	3.61	22.55	ppb
Silicon	28-1	462.57	504.53	491.30	486.13	4.41	ppb
Silver	107-1	0.42	0.42	0.41	0.42	1.79	ppb
Silver	109-1	0.38	0.40	0.39	0.39	3.03	ppb
Sodium	23-2	1391.20	1369.96	1340.26	1367.14	1.87	ppb
Strontium	86-1	128.41	126.31	131.57	128.76	2.05	ppb
Strontium	88-1	128.43	129.85	128.45	128.91	0.63	ppb
Sulfur	34-1	-1514.14	-1383.88	-1201.55	-1366.52		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	179.76	ppb
Tin	118-1	3.59	3.63	3.85	3.69	3.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4354.77	4541.84	4588.71	4495.11	2.75	ppb
Uranium	238-1	0.62	0.62	0.63	0.62	0.58	ppb
Vanadium	51-2	441.05	433.69	432.66	435.80	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				83		%
Zinc	66-2	414.20	408.44	410.06	410.90	0.72	ppb
Zirconium	90-1	43.36	44.08	44.23	43.89	1.06	ppb
Zirconium	91-1	42.11	41.90	42.91	42.31	1.26	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	225608.87	225521.82	218587.68	223239.45	1.80	ppb
Antimony	121-1	9.03	8.84	9.24	9.04	2.17	ppb
Arsenic	75-2	60.08	59.26	58.61	59.32	1.24	ppb
Barium	135-1	6097.45	6277.38	6234.16	6203.00	1.51	ppb
Barium	137-1	6370.30	6278.96	6346.46	6331.91	0.75	ppb
Beryllium	9-1	5.20	5.23	5.02	5.15	2.19	ppb
Bismuth	209-1				119		%
Bismuth	209-2				94		%
Boron	10-1	159.98	171.22	172.49	167.90	4.10	ppb
Boron	11-1	178.86	191.16	190.70	186.91	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	7.09	6.76	7.29	7.05	3.85	ppb
Cadmium	106-1	81.97	77.57	80.74	80.09	2.83	ppb
Cadmium	108-1	44.90	44.90	45.76	45.19	1.10	ppb
Calcium	43-1	416610.27	405246.56	421805.15	414553.99	2.04	ppb
Calcium	44-1	413090.51	405722.44	411534.38	410115.78	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623.50	615.03	609.25	615.92	1.16	ppb
Cobalt	59-2	166.93	167.34	166.11	166.79	0.38	ppb
Copper	63-2	1946.76	1959.84	1973.23	1959.95	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				95		%
Indium	115-1				112		%
Indium	115-2				83		%
Iron	54-2	436631.81	451761.46	446519.24	444970.84	1.73	ppb
Iron	56-2	441929.62	452881.43	443185.36	445998.81	1.34	ppb
Iron	57-2	447029.33	451264.14	437645.33	445312.93	1.57	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1402.83	1442.17	1423.70	1422.90	1.38	ppb
Lead	207-1	1355.90	1394.00	1408.02	1385.97	1.95	ppb
Lead	208-1	1374.39	1400.25	1386.04	1386.90	0.93	ppb
Lithium	6-1				114		%
Magnesium	24-2	126212.15	125879.90	126187.79	126093.28	0.15	ppb
Manganese	55-2	8400.55	8379.86	8261.81	8347.41	0.90	ppb
Molybdenum	94-1	631.00	678.37	634.26	647.88	4.08	ppb
Molybdenum	95-1	47.94	50.40	49.22	49.19	2.50	ppb
Molybdenum	96-1	113.26	120.69	115.99	116.65	3.22	ppb
Molybdenum	97-1	49.09	51.52	48.89	49.83	2.95	ppb
Molybdenum	98-1	48.68	51.58	48.90	49.72	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	616.41	616.03	616.24	616.23	0.03	ppb
Phosphorus	31-2	6327.94	6690.75	6587.95	6535.55	2.86	ppb
Potassium	39-2	5958.14	5682.11	5744.45	5794.90	2.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				83		%
Scandium	45-1				131		%
Scandium	45-2				102		%
Selenium	82-1	2.59	2.87	2.81	2.76	5.34	ppb
Selenium	77-2	57.52	67.89	60.50	61.97	8.62	ppb
Selenium	78-2	14.07	14.16	13.27	13.83	3.54	ppb
Silicon	28-1	2169.68	2117.21	2035.85	2107.58	3.20	ppb
Silver	107-1	2.81	2.84	2.92	2.86	1.89	ppb
Silver	109-1	2.45	2.54	2.51	2.50	1.96	ppb
Sodium	23-2	15102.24	15374.48	15395.60	15290.77	1.07	ppb
Strontium	86-1	2701.30	2741.09	2726.99	2723.13	0.74	ppb
Strontium	88-1	2549.71	2775.83	2775.69	2700.41	4.83	ppb
Sulfur	34-1	-1539.58	-1573.04	-1583.17	-1565.26		ppb
Terbium	159-1				118		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.16	0.19	0.18	13.40	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	4.07	ppb
Tin	118-1	29.90	30.72	30.55	30.39	1.41	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14789.82	14639.23	15064.19	14831.08	1.45	ppb
Uranium	238-1	9.07	9.59	9.33	9.33	2.79	ppb
Vanadium	51-2	1676.23	1685.74	1718.78	1693.58	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				138		%
Yttrium	89-2				99		%
Zinc	66-2	7582.41	7701.66	7846.72	7710.26	1.72	ppb
Zirconium	90-1	333.27	345.33	342.99	340.53	1.88	ppb
Zirconium	91-1	329.94	348.13	335.33	337.80	2.77	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59292.14	61537.16	55508.64	58779.31	5.18	ppb
Antimony	121-1	1.84	1.75	1.94	1.84	5.03	ppb
Arsenic	75-2	13.70	14.93	14.18	14.27	4.34	ppb
Barium	135-1	1209.74	1228.71	1262.66	1233.70	2.17	ppb
Barium	137-1	1228.18	1273.43	1292.70	1264.77	2.62	ppb
Beryllium	9-1	1.13	1.19	1.17	1.16	2.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				86		%
Boron	10-1	48.82	49.87	51.32	50.00	2.51	ppb
Boron	11-1	52.66	56.45	56.85	55.32	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	1.45	1.31	1.16	1.30	10.95	ppb
Cadmium	106-1	16.13	13.21	12.49	13.94	13.86	ppb
Cadmium	108-1	9.43	8.36	8.40	8.73	6.96	ppb
Calcium	43-1	101649.04	98725.47	102487.18	100953.90	1.96	ppb
Calcium	44-1	99552.44	97956.11	98046.45	98518.33	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.83	159.24	153.40	155.16	2.29	ppb
Cobalt	59-2	43.01	44.39	42.93	43.44	1.88	ppb
Copper	63-2	487.13	518.71	480.22	495.35	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				88		%
Indium	115-1				103		%
Indium	115-2				77		%
Iron	54-2	111831.16	115981.68	107987.20	111933.35	3.57	ppb
Iron	56-2	113745.00	117135.09	110705.59	113861.89	2.82	ppb
Iron	57-2	114474.58	119443.46	111970.72	115296.25	3.30	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	273.73	275.41	274.18	274.44	0.32	ppb
Lead	207-1	267.03	266.73	269.75	267.84	0.62	ppb
Lead	208-1	271.63	274.10	281.00	275.58	1.76	ppb
Lithium	6-1				97		%
Magnesium	24-2	32177.91	34258.85	31595.22	32677.33	4.29	ppb
Manganese	55-2	2155.99	2208.51	2078.96	2147.82	3.03	ppb
Molybdenum	94-1	145.58	144.81	148.20	146.20	1.22	ppb
Molybdenum	95-1	11.25	11.41	11.39	11.35	0.77	ppb
Molybdenum	96-1	26.18	26.28	26.55	26.34	0.72	ppb
Molybdenum	97-1	11.38	11.29	11.37	11.35	0.44	ppb
Molybdenum	98-1	11.06	11.47	11.50	11.34	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.05	165.33	156.84	160.74	2.67	ppb
Phosphorus	31-2	1502.54	1675.02	1697.16	1624.91	6.56	ppb
Potassium	39-2	1401.40	1518.82	1440.22	1453.48	4.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				80		%
Scandium	45-1				99		%
Scandium	45-2				78		%
Selenium	82-1	0.96	0.75	1.02	0.91	15.85	ppb
Selenium	77-2	10.24	13.97	21.33	15.18	37.18	ppb
Selenium	78-2	3.89	3.19	2.94	3.34	14.82	ppb
Silicon	28-1	526.99	483.90	519.25	510.05	4.50	ppb
Silver	107-1	0.61	0.53	0.60	0.58	7.69	ppb
Silver	109-1	0.50	0.49	0.52	0.51	2.74	ppb
Sodium	23-2	3797.01	3993.89	3737.97	3842.96	3.49	ppb
Strontium	86-1	622.13	630.83	626.05	626.34	0.70	ppb
Strontium	88-1	633.56	635.40	637.02	635.33	0.27	ppb
Sulfur	34-1	-1121.63	-1175.45	-866.06	-1054.38		ppb
Terbium	159-1				107		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.00	0.02	0.01	191.93	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.84	ppb
Tin	118-1	6.09	5.95	6.18	6.08	1.90	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3547.76	3490.68	3642.37	3560.27	2.15	ppb
Uranium	238-1	1.84	1.82	1.83	1.83	0.73	ppb
Vanadium	51-2	411.08	427.11	403.97	414.05	2.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				79		%
Zinc	66-2	2047.02	2112.64	2031.65	2063.77	2.08	ppb
Zirconium	90-1	79.27	80.19	81.24	80.23	1.22	ppb
Zirconium	91-1	77.37	77.94	79.17	78.16	1.17	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	238722.08	234478.40	227284.63	233495.04	2.48	ppb
Antimony	121-1	5.67	4.57	4.79	5.01	11.61	ppb
Arsenic	75-2	38.36	36.97	35.85	37.06	3.38	ppb
Barium	135-1	541.37	449.37	475.37	488.70	9.70	ppb
Barium	137-1	554.52	465.59	483.29	501.13	9.39	ppb
Beryllium	9-1	2.13	1.91	1.94	2.00	6.04	ppb
Bismuth	209-1				117		%
Bismuth	209-2				91		%
Boron	10-1	54.96	53.34	49.99	52.76	4.81	ppb
Boron	11-1	61.31	58.08	55.89	58.42	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	14.45	12.64	12.64	13.24	7.89	ppb
Cadmium	106-1	50.16	39.55	42.60	44.10	12.39	ppb
Cadmium	108-1	34.10	26.42	29.79	30.10	12.78	ppb
Calcium	43-1	299428.04	274323.52	264998.02	279583.19	6.37	ppb
Calcium	44-1	295499.10	271887.92	268922.77	278769.93	5.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404.97	400.52	389.37	398.29	2.02	ppb
Cobalt	59-2	193.90	189.25	186.99	190.05	1.85	ppb
Copper	63-2	1429.31	1401.83	1423.04	1418.06	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				123		%
Holmium	165-2				90		%
Indium	115-1				113		%
Indium	115-2				81		%
Iron	54-2	593934.79	580805.85	563915.80	579552.14	2.60	ppb
Iron	56-2	606785.10	580878.94	569572.77	585745.61	3.26	ppb
Iron	57-2	599225.00	591069.28	576891.68	589061.99	1.92	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	142.96	126.99	126.61	132.19	7.06	ppb
Lead	207-1	137.39	122.63	123.68	127.90	6.44	ppb
Lead	208-1	142.78	126.08	128.47	132.44	6.82	ppb
Lithium	6-1				111		%
Magnesium	24-2	141819.86	141095.90	137459.45	140125.07	1.67	ppb
Manganese	55-2	9227.11	8911.47	8593.60	8910.73	3.55	ppb
Molybdenum	94-1	341.24	291.95	295.89	309.69	8.85	ppb
Molybdenum	95-1	34.06	28.37	28.89	30.44	10.34	ppb
Molybdenum	96-1	72.23	61.02	61.97	65.07	9.56	ppb
Molybdenum	97-1	33.54	29.06	28.95	30.52	8.57	ppb
Molybdenum	98-1	33.62	28.58	28.15	30.12	10.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.55	494.71	492.67	497.64	1.39	ppb
Phosphorus	31-2	5330.55	5049.77	5226.52	5202.28	2.73	ppb
Potassium	39-2	2441.59	2431.07	2442.44	2438.37	0.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				82		%
Scandium	45-1				132		%
Scandium	45-2				100		%
Selenium	82-1	2.55	2.58	2.45	2.53	2.58	ppb
Selenium	77-2	46.35	43.81	53.92	48.03	10.95	ppb
Selenium	78-2	10.54	8.50	10.25	9.77	11.28	ppb
Silicon	28-1	2198.83	1840.62	1983.09	2007.51	8.98	ppb
Silver	107-1	2.81	2.31	2.44	2.52	10.24	ppb
Silver	109-1	2.54	2.09	2.16	2.26	10.79	ppb
Sodium	23-2	17621.34	17920.53	17406.73	17649.54	1.46	ppb
Strontium	86-1	514.22	435.30	430.39	459.97	10.23	ppb
Strontium	88-1	513.02	433.66	432.16	459.61	10.06	ppb
Sulfur	34-1	-1423.67	-2184.59	-2094.20	-1900.82		ppb
Terbium	159-1				117		%
Terbium	159-2				90		%
Thallium	203-1	0.11	0.11	0.09	0.10	13.32	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	11.15	ppb
Tin	118-1	26.21	22.02	22.74	23.66	9.47	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15643.27	14626.48	13976.77	14748.84	5.70	ppb
Uranium	238-1	2.83	2.48	2.58	2.63	6.80	ppb
Vanadium	51-2	1413.70	1429.50	1374.31	1405.84	2.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				92		%
Zinc	66-2	2692.68	2647.03	2645.80	2661.84	1.00	ppb
Zirconium	90-1	187.71	158.68	161.27	169.22	9.49	ppb
Zirconium	91-1	179.62	154.22	154.27	162.70	9.00	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58429.89	57187.00	57135.39	57584.09	1.27	ppb
Antimony	121-1	0.95	1.02	0.99	0.99	3.60	ppb
Arsenic	75-2	8.20	8.05	8.17	8.14	0.99	ppb
Barium	135-1	91.14	93.14	87.99	90.76	2.86	ppb
Barium	137-1	96.56	95.93	96.55	96.35	0.38	ppb
Beryllium	9-1	0.49	0.43	0.42	0.45	7.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	16.57	18.52	16.91	17.33	6.01	ppb
Boron	11-1	19.26	20.10	19.87	19.74	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	2.55	2.39	2.47	2.47	3.14	ppb
Cadmium	106-1	5.07	4.55	4.54	4.72	6.35	ppb
Cadmium	108-1	5.20	5.43	6.31	5.65	10.30	ppb
Calcium	43-1	69127.61	68962.90	62872.02	66987.51	5.32	ppb
Calcium	44-1	68276.83	67075.94	63134.62	66162.46	4.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.19	93.97	92.89	94.68	2.36	ppb
Cobalt	59-2	47.27	46.25	45.31	46.28	2.12	ppb
Copper	63-2	356.42	336.43	334.53	342.46	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				90		%
Indium	115-1				105		%
Indium	115-2				79		%
Iron	54-2	146183.76	136058.31	140496.38	140912.82	3.60	ppb
Iron	56-2	147488.28	143389.41	140794.79	143890.83	2.35	ppb
Iron	57-2	148591.71	141685.65	140944.58	143740.65	2.93	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.41	25.59	26.23	26.08	1.65	ppb
Lead	207-1	24.92	23.99	24.33	24.41	1.93	ppb
Lead	208-1	25.47	24.60	24.82	24.96	1.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	34609.13	33847.06	32737.62	33731.27	2.79	ppb
Manganese	55-2	2280.12	2189.34	2208.14	2225.87	2.15	ppb
Molybdenum	94-1	65.89	66.20	64.50	65.53	1.38	ppb
Molybdenum	95-1	6.33	6.07	6.23	6.21	2.12	ppb
Molybdenum	96-1	13.80	13.70	13.13	13.54	2.70	ppb
Molybdenum	97-1	6.48	6.47	6.58	6.51	0.92	ppb
Molybdenum	98-1	6.35	6.37	6.28	6.33	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.19	121.74	119.84	122.59	2.66	ppb
Phosphorus	31-2	1388.54	1269.74	1175.48	1277.92	8.35	ppb
Potassium	39-2	618.66	607.81	611.96	612.81	0.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				83		%
Scandium	45-1				100		%
Scandium	45-2				81		%
Selenium	82-1	0.92	0.72	0.95	0.86	14.45	ppb
Selenium	77-2	10.53	6.74	8.57	8.61	21.98	ppb
Selenium	78-2	4.16	2.30	3.44	3.30	28.47	ppb
Silicon	28-1	480.86	446.42	546.80	491.36	10.38	ppb
Silver	107-1	0.45	0.49	0.48	0.48	4.47	ppb
Silver	109-1	0.48	0.40	0.50	0.46	12.04	ppb
Sodium	23-2	4263.40	4119.61	3984.80	4122.60	3.38	ppb
Strontium	86-1	96.63	97.36	95.55	96.51	0.94	ppb
Strontium	88-1	100.91	99.96	98.13	99.67	1.42	ppb
Sulfur	34-1	-895.98	-1073.81	-1273.22	-1081.00		ppb
Terbium	159-1				107		%
Terbium	159-2				89		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	4.49	4.68	4.35	4.51	3.71	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3590.83	3536.80	3391.46	3506.36	2.94	ppb
Uranium	238-1	0.52	0.52	0.50	0.51	2.23	ppb
Vanadium	51-2	332.19	318.06	315.93	322.06	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				80		%
Zinc	66-2	713.60	680.71	671.64	688.65	3.21	ppb
Zirconium	90-1	35.45	34.50	34.45	34.80	1.62	ppb
Zirconium	91-1	35.07	34.10	33.67	34.28	2.09	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38646.34	37327.82	36458.20	37477.45	2.94	ppb
Antimony	121-1	0.26	0.35	0.33	0.31	15.02	ppb
Arsenic	75-2	17.27	17.89	17.24	17.47	2.11	ppb
Barium	135-1	41.45	43.44	42.81	42.57	2.39	ppb
Barium	137-1	43.67	43.37	42.96	43.33	0.82	ppb
Beryllium	9-1	0.42	0.43	0.42	0.42	0.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				88		%
Boron	10-1	13.26	13.66	15.23	14.05	7.39	ppb
Boron	11-1	14.82	14.98	16.85	15.55	7.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.18	0.09	0.12	49.30	ppb
Cadmium	106-1	-0.88	0.63	-0.65	-0.30		ppb
Cadmium	108-1	1.48	1.76	1.70	1.65	8.99	ppb
Calcium	43-1	120763.93	124385.93	125804.12	123651.32	2.10	ppb
Calcium	44-1	122311.99	124523.92	122638.75	123158.22	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.77	67.87	68.30	68.65	1.45	ppb
Cobalt	59-2	39.66	39.01	38.81	39.16	1.14	ppb
Copper	63-2	123.68	120.90	121.70	122.09	1.17	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				107		%
Holmium	165-2				88		%
Indium	115-1				100		%
Indium	115-2				80		%
Iron	54-2	74145.21	70401.43	69329.94	71292.19	3.55	ppb
Iron	56-2	73190.72	72059.06	71820.65	72356.81	1.01	ppb
Iron	57-2	74471.75	73115.72	72238.03	73275.17	1.54	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	89.69	93.88	88.13	90.56	3.28	ppb
Lead	207-1	86.10	89.37	85.55	87.01	2.37	ppb
Lead	208-1	87.08	90.94	86.83	88.28	2.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	34483.01	33584.94	33801.93	33956.62	1.38	ppb
Manganese	55-2	1308.09	1295.63	1259.98	1287.90	1.94	ppb
Molybdenum	94-1	25.30	24.29	25.36	24.98	2.41	ppb
Molybdenum	95-1	0.95	1.04	0.91	0.96	6.88	ppb
Molybdenum	96-1	3.88	3.92	4.07	3.96	2.49	ppb
Molybdenum	97-1	0.95	0.97	0.96	0.96	1.44	ppb
Molybdenum	98-1	0.97	0.91	0.94	0.94	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.13	93.34	94.05	94.84	2.13	ppb
Phosphorus	31-2	874.80	741.18	985.65	867.21	14.12	ppb
Potassium	39-2	710.43	682.90	710.05	701.13	2.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				83		%
Scandium	45-1				98		%
Scandium	45-2				79		%
Selenium	82-1	0.74	0.82	0.63	0.73	12.95	ppb
Selenium	77-2	13.11	5.66	6.76	8.51	47.24	ppb
Selenium	78-2	3.09	2.03	2.74	2.62	20.67	ppb
Silicon	28-1	687.79	634.37	741.87	688.01	7.81	ppb
Silver	107-1	0.13	0.13	0.10	0.12	10.64	ppb
Silver	109-1	0.13	0.11	0.11	0.12	10.47	ppb
Sodium	23-2	2029.90	2029.49	2042.19	2033.86	0.35	ppb
Strontium	86-1	780.37	755.57	751.01	762.32	2.07	ppb
Strontium	88-1	761.15	756.10	738.47	751.91	1.58	ppb
Sulfur	34-1	-287.15	-469.27	-431.78	-396.07		ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.03	0.00	0.01	77.54	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	25.67	ppb
Tin	118-1	2.06	2.22	2.22	2.17	4.19	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1872.13	1983.37	1853.49	1902.99	3.69	ppb
Uranium	238-1	1.23	1.21	1.17	1.20	2.26	ppb
Vanadium	51-2	284.29	279.84	280.99	281.71	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				81		%
Zinc	66-2	261.13	256.96	258.09	258.72	0.83	ppb
Zirconium	90-1	13.20	13.75	14.20	13.72	3.62	ppb
Zirconium	91-1	13.06	13.30	13.80	13.39	2.83	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52935.81	51124.46	50592.19	51550.82	2.38	ppb
Antimony	121-1	585.27	513.89	498.28	532.48	8.71	ppb
Arsenic	75-2	499.99	497.20	492.31	496.50	0.78	ppb
Barium	135-1	2945.22	2649.07	2495.12	2696.47	8.48	ppb
Barium	137-1	2972.43	2590.31	2586.97	2716.57	8.16	ppb
Beryllium	9-1	524.38	492.35	483.89	500.21	4.27	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	503.59	498.68	507.62	503.30	0.89	ppb
Boron	11-1	518.31	535.95	558.78	537.68	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	559.66	487.65	475.02	507.44	9.00	ppb
Cadmium	106-1	547.82	490.10	483.35	507.09	6.99	ppb
Cadmium	108-1	564.82	494.55	488.06	515.81	8.25	ppb
Calcium	43-1	280935.51	240571.55	226404.14	249303.73	11.35	ppb
Calcium	44-1	273958.01	233992.38	225079.05	244343.15	10.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.24	497.07	473.69	490.67	3.03	ppb
Cobalt	59-2	517.04	504.97	485.70	502.57	3.14	ppb
Copper	63-2	5282.27	5301.87	5101.40	5228.51	2.11	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				88		%
Holmium	165-2				85		%
Indium	115-1				82		%
Indium	115-2				77		%
Iron	54-2	132902.11	129798.13	120593.66	127764.63	5.01	ppb
Iron	56-2	131018.05	130410.59	122421.18	127949.94	3.75	ppb
Iron	57-2	133822.80	134479.07	125892.54	131398.14	3.64	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2940.79	2626.09	2547.78	2704.89	7.69	ppb
Lead	207-1	2886.00	2665.88	2596.48	2716.12	5.57	ppb
Lead	208-1	2919.57	2627.04	2541.54	2696.05	7.35	ppb
Lithium	6-1				79		%
Magnesium	24-2	265320.15	273549.57	260299.68	266389.80	2.51	ppb
Manganese	55-2	5017.39	4954.68	4749.66	4907.24	2.85	ppb
Molybdenum	94-1	6290.89	5058.35	4899.86	5416.37	14.06	ppb
Molybdenum	95-1	6091.80	4987.96	4833.62	5304.46	12.94	ppb
Molybdenum	96-1	6047.52	5008.77	4971.20	5342.50	11.43	ppb
Molybdenum	97-1	5996.25	4903.08	4989.47	5296.27	11.47	ppb
Molybdenum	98-1	6070.43	4995.07	4928.28	5331.26	12.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.38	518.64	500.50	516.50	2.91	ppb
Phosphorus	31-2	9797.46	9914.75	9490.59	9734.27	2.25	ppb
Potassium	39-2	128410.49	124934.66	128829.92	127391.69	1.68	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				81		%
Scandium	45-2				78		%
Selenium	82-1	597.34	496.90	496.18	530.14	10.98	ppb
Selenium	77-2	488.74	533.54	487.14	503.14	5.24	ppb
Selenium	78-2	498.29	504.67	496.00	499.66	0.90	ppb
Silicon	28-1	598.38	509.82	525.46	544.55	8.68	ppb
Silver	107-1	547.19	486.51	483.53	505.74	7.10	ppb
Silver	109-1	564.64	507.02	490.25	520.63	7.50	ppb
Sodium	23-2	269490.38	277292.08	258960.34	268580.93	3.43	ppb
Strontium	86-1	15535.21	12145.41	12254.11	13311.57	14.47	ppb
Strontium	88-1	15353.21	12256.79	12091.09	13233.70	13.88	ppb
Sulfur	34-1	16094.01	12701.75	11538.69	13444.81	17.60	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	600.87	539.16	513.14	551.06	8.18	ppb
Thallium	205-1	588.51	523.02	522.30	544.61	6.98	ppb
Tin	118-1	579.12	510.96	485.42	525.16	9.22	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6015.88	5206.17	5089.03	5437.02	9.28	ppb
Uranium	238-1	593.65	543.01	518.50	551.72	6.95	ppb
Vanadium	51-2	516.04	506.61	490.48	504.38	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				79		%
Zinc	66-2	4953.62	4904.05	4758.61	4872.09	2.08	ppb
Zirconium	90-1	601.75	507.55	506.69	538.66	10.14	ppb
Zirconium	91-1	586.96	481.69	486.15	518.27	11.49	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.01	1.10	0.44	133.76	ppb
Antimony	121-1	0.05	0.04	0.07	0.06	26.00	ppb
Arsenic	75-2	0.01	0.02	0.02	0.01	30.47	ppb
Barium	135-1	0.03	-0.01	-0.01	0.00	1469.60	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	684.99	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	16.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	9.17	8.48	8.53	8.73	4.42	ppb
Boron	11-1	9.90	9.19	9.26	9.45	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.23	-0.26	-0.26		ppb
Cadmium	106-1	-4.00	-3.26	-3.55	-3.60		ppb
Cadmium	108-1	-0.11	0.03	-0.03	-0.04		ppb
Calcium	43-1	3.89	-0.88	-0.65	0.78	343.39	ppb
Calcium	44-1	5.04	0.43	0.12	1.86	147.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.04	0.03	52.45	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	396.59	ppb
Copper	63-2	0.27	0.26	0.36	0.30	18.11	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				96		%
Holmium	165-2				84		%
Indium	115-1				92		%
Indium	115-2				80		%
Iron	54-2	2.02	1.89	4.46	2.79	51.87	ppb
Iron	56-2	1.36	1.19	6.43	2.99	99.53	ppb
Iron	57-2	2.92	2.90	6.55	4.12	50.98	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.00	0.01	121.08	ppb
Lead	207-1	0.03	-0.01	-0.01	0.01	399.37	ppb
Lead	208-1	0.03	0.01	0.00	0.01	117.10	ppb
Lithium	6-1				84		%
Magnesium	24-2	0.97	-0.02	6.69	2.55	142.30	ppb
Manganese	55-2	0.07	0.04	0.14	0.08	60.69	ppb
Molybdenum	94-1	0.14	0.05	0.07	0.08	57.08	ppb
Molybdenum	95-1	0.15	0.09	0.07	0.10	40.91	ppb
Molybdenum	96-1	0.18	0.09	0.08	0.12	48.11	ppb
Molybdenum	97-1	0.14	0.07	0.09	0.10	41.58	ppb
Molybdenum	98-1	0.20	0.09	0.11	0.13	44.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	5599.82	ppb
Phosphorus	31-2	-22.62	-15.90	-26.17	-21.56		ppb
Potassium	39-2	27.96	20.54	17.09	21.86	25.41	ppb
Rhodium	103-1				88		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				77		%
Selenium	82-1	0.44	0.13	0.37	0.31	52.60	ppb
Selenium	77-2	0.00	0.97	0.00	0.32	173.21	ppb
Selenium	78-2	0.99	0.60	1.52	1.04	44.76	ppb
Silicon	28-1	3.08	-2.03	-3.09	-0.68		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.01	0.00	-0.01	0.00	1444.45	ppb
Sodium	23-2	23.54	24.31	30.88	26.24	15.37	ppb
Strontium	86-1	0.23	0.02	-0.04	0.07	201.98	ppb
Strontium	88-1	0.18	0.03	0.00	0.07	140.64	ppb
Sulfur	34-1	-43.02	-434.49	-192.71	-223.41		ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.01	-0.01	0.01	257.38	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	58.11	ppb
Tin	118-1	-0.05	-0.05	-0.06	-0.05		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	-0.03	0.02	0.06	190.33	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	421.95	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	85.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				78		%
Zinc	66-2	0.29	0.21	0.29	0.26	17.21	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	61.03	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	29.55	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	169123.68	167257.49	166728.18	167703.12	0.75	ppb
Antimony	121-1	1.76	1.66	1.60	1.67	4.70	ppb
Arsenic	75-2	83.13	82.82	81.32	82.42	1.18	ppb
Barium	135-1	216.66	218.71	209.08	214.82	2.36	ppb
Barium	137-1	225.32	223.09	215.44	221.28	2.34	ppb
Beryllium	9-1	1.96	1.96	1.89	1.93	1.96	ppb
Bismuth	209-1				119		%
Bismuth	209-2				95		%
Boron	10-1	40.28	44.75	42.62	42.55	5.26	ppb
Boron	11-1	44.40	49.63	49.04	47.69	6.00	ppb
Bromine	81-1						cps
Cadmium	111-1	1.86	1.77	1.52	1.72	10.17	ppb
Cadmium	106-1	15.05	14.81	11.15	13.67	15.97	ppb
Cadmium	108-1	8.67	8.63	7.78	8.36	5.97	ppb
Calcium	43-1	557761.41	588775.07	549433.20	565323.23	3.67	ppb
Calcium	44-1	552489.90	557586.51	545415.11	551830.50	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322.92	321.40	316.98	320.43	0.96	ppb
Cobalt	59-2	177.54	176.60	175.84	176.66	0.48	ppb
Copper	63-2	538.50	540.28	534.71	537.83	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				93		%
Indium	115-1				110		%
Indium	115-2				82		%
Iron	54-2	321394.40	320680.13	317024.78	319699.77	0.73	ppb
Iron	56-2	323359.59	326672.67	326782.93	325605.06	0.60	ppb
Iron	57-2	328430.66	319736.99	330227.62	326131.76	1.72	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	472.28	464.14	458.38	464.93	1.50	ppb
Lead	207-1	445.34	442.29	428.63	438.75	2.03	ppb
Lead	208-1	449.02	447.04	434.61	443.56	1.76	ppb
Lithium	6-1				111		%
Magnesium	24-2	156249.40	156814.80	153975.33	155679.84	0.97	ppb
Manganese	55-2	6039.66	6130.86	5981.59	6050.70	1.24	ppb
Molybdenum	94-1	110.16	109.74	107.14	109.01	1.50	ppb
Molybdenum	95-1	4.26	4.53	4.24	4.34	3.76	ppb
Molybdenum	96-1	17.91	17.74	17.52	17.73	1.11	ppb
Molybdenum	97-1	4.79	4.29	4.40	4.49	5.83	ppb
Molybdenum	98-1	4.23	4.44	4.27	4.31	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	424.10	417.20	419.90	420.40	0.83	ppb
Phosphorus	31-2	3946.06	3823.48	3909.13	3892.89	1.62	ppb
Potassium	39-2	3176.22	3148.18	3077.66	3134.02	1.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				82		%
Scandium	45-1				120		%
Scandium	45-2				90		%
Selenium	82-1	2.45	2.14	2.05	2.21	9.44	ppb
Selenium	77-2	44.15	44.00	52.22	46.79	10.05	ppb
Selenium	78-2	8.69	11.29	8.27	9.42	17.36	ppb
Silicon	28-1	3304.48	3313.25	3301.46	3306.40	0.19	ppb
Silver	107-1	1.88	0.94	0.84	1.22	47.11	ppb
Silver	109-1	1.67	0.94	0.78	1.13	41.90	ppb
Sodium	23-2	9691.24	9624.87	9605.38	9640.50	0.47	ppb
Strontium	86-1	3537.68	3441.52	3428.28	3469.16	1.72	ppb
Strontium	88-1	3447.93	3413.01	3357.03	3405.99	1.35	ppb
Sulfur	34-1	417.49	643.51	135.22	398.74	63.87	ppb
Terbium	159-1				116		%
Terbium	159-2				93		%
Thallium	203-1	0.31	0.26	0.25	0.27	11.86	ppb
Thallium	205-1	0.29	0.26	0.23	0.26	11.53	ppb
Tin	118-1	12.08	12.55	12.23	12.29	1.92	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8450.13	8605.67	8397.44	8484.41	1.28	ppb
Uranium	238-1	5.77	5.84	5.79	5.80	0.68	ppb
Vanadium	51-2	1334.30	1368.47	1328.96	1343.91	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				130		%
Yttrium	89-2				93		%
Zinc	66-2	1065.56	1075.55	1078.61	1073.24	0.64	ppb
Zirconium	90-1	59.85	61.29	60.96	60.70	1.25	ppb
Zirconium	91-1	62.43	59.85	59.00	60.43	2.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110276.65	108651.02	113899.56	110942.41	2.42	ppb
Antimony	121-1	19.90	19.55	19.24	19.56	1.68	ppb
Arsenic	75-2	145.76	147.48	149.33	147.52	1.21	ppb
Barium	135-1	702.91	704.59	724.02	710.51	1.65	ppb
Barium	137-1	730.23	739.04	735.40	734.89	0.60	ppb
Beryllium	9-1	2.10	2.17	2.09	2.12	2.17	ppb
Bismuth	209-1				128		%
Bismuth	209-2				97		%
Boron	10-1	16.59	17.54	17.40	17.18	3.00	ppb
Boron	11-1	18.68	19.75	20.39	19.61	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	6.50	6.51	6.33	6.45	1.54	ppb
Cadmium	106-1	9.48	7.95	8.32	8.58	9.29	ppb
Cadmium	108-1	10.40	10.45	9.69	10.18	4.21	ppb
Calcium	43-1	33778.52	32404.70	34773.33	33652.19	3.53	ppb
Calcium	44-1	32996.05	32922.86	33545.07	33154.66	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753.59	744.48	769.31	755.79	1.66	ppb
Cobalt	59-2	234.08	232.87	239.34	235.43	1.46	ppb
Copper	63-2	1628.20	1578.86	1688.17	1631.74	3.35	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				126		%
Holmium	165-2				92		%
Indium	115-1				116		%
Indium	115-2				83		%
Iron	54-2	410527.42	423835.83	427592.89	420652.05	2.13	ppb
Iron	56-2	416172.88	422727.80	432454.57	423785.08	1.93	ppb
Iron	57-2	428724.44	423282.14	442898.87	431635.15	2.35	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	304.26	302.68	317.91	308.28	2.72	ppb
Lead	207-1	284.26	290.03	292.38	288.89	1.45	ppb
Lead	208-1	293.83	297.81	310.62	300.75	2.92	ppb
Lithium	6-1				116		%
Magnesium	24-2	32560.38	33581.77	35629.60	33923.92	4.61	ppb
Manganese	55-2	5437.21	5488.94	5608.13	5511.43	1.59	ppb
Molybdenum	94-1	52.24	53.75	53.29	53.09	1.45	ppb
Molybdenum	95-1	32.36	33.14	33.32	32.94	1.55	ppb
Molybdenum	96-1	37.42	39.78	39.26	38.82	3.18	ppb
Molybdenum	97-1	32.15	33.51	33.84	33.17	2.70	ppb
Molybdenum	98-1	31.83	33.47	34.08	33.13	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2759.86	2632.21	2759.90	2717.32	2.71	ppb
Phosphorus	31-2	5867.83	5609.18	6023.96	5833.66	3.59	ppb
Potassium	39-2	2097.55	2055.52	2163.03	2105.37	2.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				86		%
Scandium	45-1				123		%
Scandium	45-2				91		%
Selenium	82-1	6.22	7.12	6.91	6.75	6.96	ppb
Selenium	77-2	29.67	33.04	38.80	33.84	13.65	ppb
Selenium	78-2	15.05	13.94	16.60	15.20	8.78	ppb
Silicon	28-1	2460.61	2445.56	2560.11	2488.76	2.50	ppb
Silver	107-1	1.09	1.10	1.09	1.09	0.40	ppb
Silver	109-1	1.10	1.08	1.17	1.12	4.07	ppb
Sodium	23-2	1065.53	1051.32	1101.09	1072.65	2.39	ppb
Strontium	86-1	149.19	151.26	149.88	150.11	0.70	ppb
Strontium	88-1	150.00	151.08	154.42	151.83	1.52	ppb
Sulfur	34-1	1552.65	1065.09	1572.48	1396.74	20.58	ppb
Terbium	159-1				123		%
Terbium	159-2				93		%
Thallium	203-1	0.48	0.51	0.49	0.49	3.02	ppb
Thallium	205-1	0.55	0.52	0.57	0.55	4.74	ppb
Tin	118-1	32.81	32.77	32.49	32.69	0.54	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3179.90	3204.89	3330.95	3238.58	2.50	ppb
Uranium	238-1	5.40	5.33	5.77	5.50	4.25	ppb
Vanadium	51-2	3126.88	3097.90	3190.86	3138.55	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				88		%
Zinc	66-2	7400.07	7333.13	7806.87	7513.35	3.41	ppb
Zirconium	90-1	14.12	14.79	14.78	14.56	2.63	ppb
Zirconium	91-1	14.05	15.06	15.68	14.93	5.51	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24373.50	23362.28	22933.20	23556.33	3.14	ppb
Antimony	121-1	3.94	3.94	3.95	3.94	0.13	ppb
Arsenic	75-2	29.87	29.24	28.52	29.21	2.32	ppb
Barium	135-1	140.28	138.71	142.35	140.45	1.30	ppb
Barium	137-1	141.09	139.70	150.84	143.88	4.22	ppb
Beryllium	9-1	0.45	0.44	0.45	0.45	1.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				88		%
Boron	10-1	7.52	7.76	7.55	7.61	1.75	ppb
Boron	11-1	8.42	8.68	8.20	8.43	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.01	1.05	1.02	2.31	ppb
Cadmium	106-1	-1.83	-2.34	-2.31	-2.16		ppb
Cadmium	108-1	2.27	1.92	2.09	2.09	8.23	ppb
Calcium	43-1	7562.92	7614.24	7502.14	7559.77	0.74	ppb
Calcium	44-1	7622.18	7719.39	7569.34	7636.97	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.97	157.38	155.30	158.88	2.85	ppb
Cobalt	59-2	52.19	50.51	49.35	50.68	2.81	ppb
Copper	63-2	354.78	334.18	328.18	339.05	4.11	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				88		%
Indium	115-1				100		%
Indium	115-2				78		%
Iron	54-2	93095.65	88881.89	88034.16	90003.90	3.01	ppb
Iron	56-2	95871.47	90098.01	88707.47	91558.98	4.15	ppb
Iron	57-2	94707.61	94035.38	89887.20	92876.73	2.81	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	58.61	61.18	61.79	60.52	2.78	ppb
Lead	207-1	56.43	59.13	59.63	58.40	2.94	ppb
Lead	208-1	57.83	59.24	59.99	59.02	1.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	7434.32	7193.36	6903.24	7176.97	3.71	ppb
Manganese	55-2	1183.36	1113.66	1098.38	1131.80	4.00	ppb
Molybdenum	94-1	12.17	11.78	11.55	11.84	2.65	ppb
Molybdenum	95-1	7.33	7.16	7.21	7.23	1.19	ppb
Molybdenum	96-1	8.18	8.13	8.20	8.17	0.48	ppb
Molybdenum	97-1	6.98	7.02	7.37	7.12	3.02	ppb
Molybdenum	98-1	7.15	7.15	7.17	7.15	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.71	544.75	532.06	548.17	3.30	ppb
Phosphorus	31-2	1175.64	1169.22	1212.11	1185.65	1.95	ppb
Potassium	39-2	494.92	443.87	458.66	465.82	5.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				83		%
Scandium	45-1				94		%
Scandium	45-2				78		%
Selenium	82-1	1.88	1.71	1.62	1.74	7.71	ppb
Selenium	77-2	7.76	2.00	10.74	6.83	65.07	ppb
Selenium	78-2	3.38	4.62	2.54	3.51	29.83	ppb
Silicon	28-1	555.73	571.63	583.82	570.39	2.47	ppb
Silver	107-1	0.25	0.23	0.19	0.22	13.66	ppb
Silver	109-1	0.19	0.24	0.24	0.23	12.52	ppb
Sodium	23-2	280.52	266.20	254.31	267.01	4.91	ppb
Strontium	86-1	32.91	32.18	31.88	32.33	1.64	ppb
Strontium	88-1	32.41	31.60	32.22	32.08	1.32	ppb
Sulfur	34-1	-1185.44	-938.28	-1222.00	-1115.24		ppb
Terbium	159-1				106		%
Terbium	159-2				88		%
Thallium	203-1	0.08	0.09	0.08	0.09	8.35	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	11.34	ppb
Tin	118-1	6.30	6.43	6.50	6.41	1.59	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	721.58	747.71	718.18	729.16	2.22	ppb
Uranium	238-1	1.11	1.15	1.15	1.14	2.34	ppb
Vanadium	51-2	677.89	649.29	633.05	653.41	3.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				78		%
Zinc	66-2	1599.97	1505.21	1485.00	1530.06	4.01	ppb
Zirconium	90-1	3.15	3.12	3.22	3.17	1.64	ppb
Zirconium	91-1	3.04	3.15	3.11	3.10	1.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154742.02	150624.03	150974.11	152113.39	1.50	ppb
Antimony	121-1	9.84	10.30	10.09	10.08	2.28	ppb
Arsenic	75-2	89.36	88.41	87.93	88.57	0.82	ppb
Barium	135-1	625.84	639.78	637.28	634.30	1.17	ppb
Barium	137-1	659.20	670.78	669.53	666.50	0.95	ppb
Beryllium	9-1	2.73	2.82	2.76	2.77	1.66	ppb
Bismuth	209-1				113		%
Bismuth	209-2				89		%
Boron	10-1	36.30	38.73	41.40	38.81	6.57	ppb
Boron	11-1	40.17	44.24	44.44	42.95	5.61	ppb
Bromine	81-1						cps
Cadmium	111-1	4.06	4.22	4.19	4.16	2.08	ppb
Cadmium	106-1	15.30	17.61	15.41	16.11	8.10	ppb
Cadmium	108-1	12.19	11.33	11.24	11.59	4.55	ppb
Calcium	43-1	407658.05	395093.53	428372.77	410374.78	4.10	ppb
Calcium	44-1	401723.43	399545.79	416729.84	405999.68	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.66	527.31	521.51	524.49	0.55	ppb
Cobalt	59-2	217.30	213.04	214.35	214.90	1.02	ppb
Copper	63-2	1310.46	1296.22	1326.23	1310.97	1.15	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				118		%
Holmium	165-2				91		%
Indium	115-1				107		%
Indium	115-2				78		%
Iron	54-2	384918.48	391635.13	387142.54	387898.72	0.88	ppb
Iron	56-2	390585.33	398687.07	398141.47	395804.62	1.14	ppb
Iron	57-2	403774.09	394333.09	395652.33	397919.83	1.28	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.62	201.68	204.86	202.06	1.31	ppb
Lead	207-1	186.78	191.80	191.92	190.17	1.54	ppb
Lead	208-1	198.02	199.59	204.20	200.61	1.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	101624.62	103689.85	99522.56	101612.34	2.05	ppb
Manganese	55-2	6505.93	6651.09	6333.50	6496.84	2.45	ppb
Molybdenum	94-1	128.58	128.52	128.17	128.43	0.18	ppb
Molybdenum	95-1	27.06	27.24	27.83	27.38	1.48	ppb
Molybdenum	96-1	41.06	40.64	41.31	41.00	0.82	ppb
Molybdenum	97-1	28.01	27.78	27.90	27.89	0.42	ppb
Molybdenum	98-1	27.67	28.06	28.05	27.93	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2221.19	2136.85	2154.66	2170.90	2.05	ppb
Phosphorus	31-2	4565.38	4807.15	4589.16	4653.90	2.86	ppb
Potassium	39-2	5712.13	5784.57	5817.61	5771.44	0.93	ppb
Rhodium	103-1				96		%
Rhodium	103-2				78		%
Scandium	45-1				116		%
Scandium	45-2				88		%
Selenium	82-1	3.19	3.06	2.76	3.00	7.28	ppb
Selenium	77-2	39.42	38.01	46.63	41.35	11.19	ppb
Selenium	78-2	13.09	13.06	15.80	13.98	11.27	ppb
Silicon	28-1	3031.83	3127.44	3271.62	3143.63	3.84	ppb
Silver	107-1	1.72	1.77	1.72	1.74	1.61	ppb
Silver	109-1	1.73	1.71	1.71	1.71	0.75	ppb
Sodium	23-2	4908.29	5097.83	4988.59	4998.24	1.90	ppb
Strontium	86-1	1642.33	1661.83	1639.19	1647.78	0.74	ppb
Strontium	88-1	1616.03	1594.22	1567.68	1592.64	1.52	ppb
Sulfur	34-1	2231.25	1850.43	2633.22	2238.30	17.49	ppb
Terbium	159-1				114		%
Terbium	159-2				89		%
Thallium	203-1	0.40	0.43	0.42	0.42	3.26	ppb
Thallium	205-1	0.42	0.41	0.41	0.41	1.00	ppb
Tin	118-1	24.96	26.84	26.05	25.95	3.64	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9059.71	8705.64	8928.29	8897.88	2.01	ppb
Uranium	238-1	4.29	4.32	4.45	4.35	1.94	ppb
Vanadium	51-2	4549.19	4666.53	4549.14	4588.29	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				89		%
Zinc	66-2	2647.15	2625.40	2654.21	2642.25	0.57	ppb
Zirconium	90-1	60.56	60.00	60.33	60.30	0.47	ppb
Zirconium	91-1	60.13	58.23	59.12	59.16	1.61	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:51:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34303.93	35174.89	34358.81	34612.54	1.41	ppb
Antimony	121-1	2.05	2.09	2.08	2.07	1.10	ppb
Arsenic	75-2	19.64	19.12	18.48	19.08	3.05	ppb
Barium	135-1	126.18	125.63	123.66	125.16	1.06	ppb
Barium	137-1	130.11	127.30	131.24	129.55	1.57	ppb
Beryllium	9-1	0.68	0.62	0.64	0.65	4.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				87		%
Boron	10-1	12.41	12.85	12.74	12.67	1.80	ppb
Boron	11-1	14.15	14.42	14.51	14.36	1.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.68	0.67	0.57	0.64	9.76	ppb
Cadmium	106-1	0.27	-0.28	-0.62	-0.21		ppb
Cadmium	108-1	2.53	2.08	2.10	2.24	11.34	ppb
Calcium	43-1	95460.98	97311.62	96267.78	96346.79	0.96	ppb
Calcium	44-1	91972.14	95894.70	94338.27	94068.37	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.94	116.47	115.53	116.65	1.04	ppb
Cobalt	59-2	48.01	47.96	47.55	47.84	0.52	ppb
Copper	63-2	293.87	284.18	286.49	288.18	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				86		%
Indium	115-1				98		%
Indium	115-2				76		%
Iron	54-2	87689.82	87403.74	87827.00	87640.19	0.25	ppb
Iron	56-2	88237.92	89884.21	87562.69	88561.61	1.35	ppb
Iron	57-2	88898.57	89778.34	89227.01	89301.31	0.50	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:51:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.94	39.46	39.35	39.25	0.71	ppb
Lead	207-1	36.97	37.51	37.04	37.17	0.78	ppb
Lead	208-1	37.62	38.18	38.29	38.03	0.94	ppb
Lithium	6-1				92		%
Magnesium	24-2	22942.34	23128.77	22181.01	22750.70	2.21	ppb
Manganese	55-2	1409.58	1392.56	1407.43	1403.19	0.66	ppb
Molybdenum	94-1	29.16	28.61	28.86	28.88	0.95	ppb
Molybdenum	95-1	6.36	6.21	6.39	6.32	1.56	ppb
Molybdenum	96-1	9.09	9.08	9.32	9.16	1.49	ppb
Molybdenum	97-1	6.31	6.20	6.25	6.25	0.89	ppb
Molybdenum	98-1	6.28	6.01	6.17	6.15	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.43	459.03	466.20	463.89	0.91	ppb
Phosphorus	31-2	1043.81	935.91	925.79	968.50	6.75	ppb
Potassium	39-2	1302.87	1283.93	1312.61	1299.80	1.12	ppb
Rhodium	103-1				94		%
Rhodium	103-2				81		%
Scandium	45-1				92		%
Scandium	45-2				76		%
Selenium	82-1	0.80	0.95	0.88	0.88	8.67	ppb
Selenium	77-2	8.84	9.76	10.92	9.84	10.59	ppb
Selenium	78-2	4.07	3.59	3.33	3.66	10.15	ppb
Silicon	28-1	709.31	728.65	738.23	725.40	2.03	ppb
Silver	107-1	0.41	0.34	0.36	0.37	9.44	ppb
Silver	109-1	0.41	0.36	0.37	0.38	6.61	ppb
Sodium	23-2	1074.90	1082.08	1095.82	1084.27	0.98	ppb
Strontium	86-1	377.63	364.15	380.98	374.25	2.38	ppb
Strontium	88-1	374.20	367.85	378.65	373.57	1.45	ppb
Sulfur	34-1	313.72	85.65	122.31	173.89	70.43	ppb
Terbium	159-1				103		%
Terbium	159-2				86		%
Thallium	203-1	0.05	0.04	0.04	0.04	17.36	ppb
Thallium	205-1	0.05	0.07	0.06	0.06	13.69	ppb
Tin	118-1	5.29	5.15	5.24	5.22	1.42	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:51:16	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2040.01	2134.00	2063.26	2079.09	2.35	ppb
Uranium	238-1	0.80	0.86	0.82	0.83	3.29	ppb
Vanadium	51-2	1019.59	978.73	977.53	991.95	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				78		%
Zinc	66-2	654.32	631.94	648.43	644.90	1.80	ppb
Zirconium	90-1	14.08	13.29	13.78	13.72	2.91	ppb
Zirconium	91-1	13.30	13.10	13.61	13.34	1.94	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32879.33	34678.94	33895.57	33817.95	2.67	ppb
Antimony	121-1	2.08	2.07	2.28	2.14	5.40	ppb
Arsenic	75-2	17.34	19.40	17.91	18.22	5.85	ppb
Barium	135-1	124.28	127.98	141.66	131.31	6.97	ppb
Barium	137-1	128.37	131.04	146.84	135.42	7.37	ppb
Beryllium	9-1	0.62	0.61	0.70	0.64	7.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				87		%
Boron	10-1	11.04	11.47	13.78	12.10	12.19	ppb
Boron	11-1	12.45	12.32	14.48	13.08	9.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.87	0.72	0.96	0.85	14.45	ppb
Cadmium	106-1	2.68	0.68	2.22	1.86	56.44	ppb
Cadmium	108-1	2.51	2.15	2.18	2.28	8.74	ppb
Calcium	43-1	95130.18	92589.89	106525.90	98081.99	7.57	ppb
Calcium	44-1	89646.75	87628.13	100877.17	92717.35	7.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.65	116.59	109.51	111.58	3.90	ppb
Cobalt	59-2	45.79	47.61	45.55	46.32	2.43	ppb
Copper	63-2	269.38	284.41	276.88	276.89	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				87		%
Indium	115-1				96		%
Indium	115-2				77		%
Iron	54-2	82353.59	87175.76	84813.62	84780.99	2.84	ppb
Iron	56-2	83405.33	86357.32	83303.49	84355.38	2.06	ppb
Iron	57-2	85975.45	89659.01	86793.34	87475.93	2.21	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.95	38.88	44.37	40.73	7.74	ppb
Lead	207-1	37.10	37.21	41.81	38.71	6.95	ppb
Lead	208-1	37.35	37.74	43.19	39.42	8.28	ppb
Lithium	6-1				90		%
Magnesium	24-2	22040.99	22146.12	21692.38	21959.83	1.08	ppb
Manganese	55-2	1349.11	1399.58	1345.63	1364.77	2.21	ppb
Molybdenum	94-1	27.49	27.52	31.41	28.80	7.82	ppb
Molybdenum	95-1	5.75	5.95	6.78	6.16	8.90	ppb
Molybdenum	96-1	8.94	8.93	10.04	9.30	6.86	ppb
Molybdenum	97-1	5.87	5.91	6.75	6.18	8.03	ppb
Molybdenum	98-1	5.75	5.70	6.85	6.10	10.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	434.94	454.56	439.83	443.11	2.30	ppb
Phosphorus	31-2	1034.41	994.05	919.38	982.62	5.94	ppb
Potassium	39-2	1245.95	1348.22	1257.75	1283.97	4.36	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				93		%
Scandium	45-2				76		%
Selenium	82-1	0.91	0.99	0.97	0.96	4.34	ppb
Selenium	77-2	6.71	10.85	5.85	7.80	34.27	ppb
Selenium	78-2	3.05	3.47	3.75	3.42	10.36	ppb
Silicon	28-1	610.93	615.92	731.73	652.86	10.47	ppb
Silver	107-1	0.36	0.33	0.38	0.35	6.17	ppb
Silver	109-1	0.35	0.33	0.42	0.36	12.66	ppb
Sodium	23-2	1058.58	1102.38	1094.40	1085.12	2.15	ppb
Strontium	86-1	356.06	355.86	407.05	372.99	7.91	ppb
Strontium	88-1	358.68	360.40	404.13	374.40	6.88	ppb
Sulfur	34-1	146.82	-223.92	1306.87	409.92	194.82	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.03	0.05	0.08	0.05	42.58	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	10.94	ppb
Tin	118-1	5.12	5.38	5.90	5.47	7.28	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1997.67	1963.00	2211.49	2057.39	6.54	ppb
Uranium	238-1	0.83	0.82	0.92	0.85	6.24	ppb
Vanadium	51-2	923.68	968.73	945.77	946.06	2.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				79		%
Zinc	66-2	606.30	638.77	630.50	625.19	2.70	ppb
Zirconium	90-1	13.19	12.90	14.76	13.61	7.35	ppb
Zirconium	91-1	12.96	12.59	14.64	13.40	8.16	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6827.50	6704.86	6376.20	6636.19	3.52	ppb
Antimony	121-1	0.43	0.37	0.39	0.40	7.16	ppb
Arsenic	75-2	3.72	3.54	3.68	3.65	2.59	ppb
Barium	135-1	24.27	20.89	22.85	22.67	7.48	ppb
Barium	137-1	25.09	21.58	24.46	23.71	7.91	ppb
Beryllium	9-1	0.14	0.14	0.13	0.14	2.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				87		%
Boron	10-1	4.36	4.62	4.79	4.59	4.76	ppb
Boron	11-1	5.18	4.49	5.30	4.99	8.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.01	-0.04	0.02	447.61	ppb
Cadmium	106-1	-0.26	-2.00	-2.66	-1.64		ppb
Cadmium	108-1	0.45	0.08	0.28	0.27	68.99	ppb
Calcium	43-1	17615.80	16967.82	18045.10	17542.90	3.09	ppb
Calcium	44-1	17333.25	16341.77	17589.12	17088.05	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.49	22.49	21.81	22.60	3.72	ppb
Cobalt	59-2	9.49	9.13	9.11	9.24	2.30	ppb
Copper	63-2	58.15	57.41	54.31	56.62	3.59	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				85		%
Indium	115-1				102		%
Indium	115-2				78		%
Iron	54-2	16821.75	16752.62	15988.87	16521.08	2.80	ppb
Iron	56-2	17487.78	17400.75	16584.41	17157.65	2.90	ppb
Iron	57-2	17324.76	16644.97	16195.36	16721.70	3.40	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.16	6.45	7.42	7.01	7.16	ppb
Lead	207-1	6.89	6.32	7.02	6.75	5.52	ppb
Lead	208-1	6.90	6.30	7.25	6.81	7.01	ppb
Lithium	6-1				91		%
Magnesium	24-2	4520.14	4468.49	4298.65	4429.09	2.62	ppb
Manganese	55-2	287.57	279.04	266.38	277.66	3.84	ppb
Molybdenum	94-1	5.23	5.00	5.62	5.28	5.87	ppb
Molybdenum	95-1	1.11	1.04	1.21	1.12	7.63	ppb
Molybdenum	96-1	1.75	1.49	1.64	1.63	7.81	ppb
Molybdenum	97-1	1.15	0.99	1.05	1.06	7.15	ppb
Molybdenum	98-1	1.18	1.03	1.11	1.11	7.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.93	88.70	87.47	90.03	3.81	ppb
Phosphorus	31-2	178.42	204.67	165.10	182.73	11.02	ppb
Potassium	39-2	273.07	272.19	271.46	272.24	0.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				82		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	82-1	0.08	0.32	0.53	0.31	72.63	ppb
Selenium	77-2	4.05	0.99	2.96	2.67	58.06	ppb
Selenium	78-2	0.54	0.93	1.34	0.94	42.90	ppb
Silicon	28-1	117.73	105.60	113.04	112.12	5.46	ppb
Silver	107-1	0.06	0.03	0.03	0.04	39.71	ppb
Silver	109-1	0.07	0.05	0.05	0.06	14.96	ppb
Sodium	23-2	243.33	236.31	226.75	235.46	3.53	ppb
Strontium	86-1	68.94	62.23	70.50	67.23	6.53	ppb
Strontium	88-1	68.03	61.56	71.05	66.88	7.25	ppb
Sulfur	34-1	-572.17	-1079.81	-399.14	-683.71		ppb
Terbium	159-1				106		%
Terbium	159-2				86		%
Thallium	203-1	-0.03	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.95	0.84	0.90	0.90	5.69	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	380.86	363.43	380.33	374.87	2.65	ppb
Uranium	238-1	0.15	0.13	0.16	0.15	9.93	ppb
Vanadium	51-2	196.70	190.36	185.23	190.76	3.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				77		%
Zinc	66-2	132.90	129.48	124.82	129.07	3.14	ppb
Zirconium	90-1	2.51	2.17	2.60	2.43	9.26	ppb
Zirconium	91-1	2.48	2.12	2.66	2.42	11.46	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128954.07	129799.33	129877.48	129543.63	0.40	ppb
Antimony	121-1	323.14	335.66	334.82	331.21	2.11	ppb
Arsenic	75-2	599.67	594.63	577.90	590.73	1.93	ppb
Barium	135-1	3341.81	3398.37	3307.59	3349.25	1.37	ppb
Barium	137-1	3352.67	3490.48	3384.34	3409.16	2.12	ppb
Beryllium	9-1	410.32	425.24	408.94	414.83	2.18	ppb
Bismuth	209-1				120		%
Bismuth	209-2				95		%
Boron	10-1	382.42	406.81	424.28	404.50	5.20	ppb
Boron	11-1	409.13	463.21	476.70	449.68	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	487.96	504.82	492.95	495.24	1.75	ppb
Cadmium	106-1	492.85	503.39	485.30	493.85	1.84	ppb
Cadmium	108-1	464.32	491.12	487.64	481.02	3.03	ppb
Calcium	43-1	86087.43	87263.98	89287.71	87546.37	1.85	ppb
Calcium	44-1	83256.94	85756.16	85041.68	84684.93	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1741.98	1746.81	1749.18	1745.99	0.21	ppb
Cobalt	59-2	897.20	905.24	904.42	902.28	0.49	ppb
Copper	63-2	7169.35	7026.81	6998.30	7064.82	1.30	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				123		%
Holmium	165-2				94		%
Indium	115-1				111		%
Indium	115-2				82		%
Iron	54-2	506211.30	513359.64	517724.00	512431.65	1.13	ppb
Iron	56-2	518968.98	526285.09	519264.56	521506.21	0.79	ppb
Iron	57-2	518849.25	536783.69	514424.66	523352.53	2.26	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2569.66	2641.47	2631.47	2614.20	1.49	ppb
Lead	207-1	2560.56	2570.99	2616.96	2582.84	1.16	ppb
Lead	208-1	2561.05	2602.34	2614.23	2592.54	1.08	ppb
Lithium	6-1				107		%
Magnesium	24-2	97998.56	98382.94	95212.12	97197.87	1.78	ppb
Manganese	55-2	10852.79	10604.15	10564.86	10673.93	1.46	ppb
Molybdenum	94-1	2109.40	2176.42	2087.14	2124.32	2.19	ppb
Molybdenum	95-1	1612.14	1714.65	1604.80	1643.86	3.74	ppb
Molybdenum	96-1	1653.63	1755.53	1663.62	1690.93	3.32	ppb
Molybdenum	97-1	1611.15	1678.81	1600.70	1630.22	2.60	ppb
Molybdenum	98-1	1588.55	1675.50	1602.13	1622.06	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3973.67	4140.63	4022.02	4045.44	2.12	ppb
Phosphorus	31-2	5941.92	5735.09	6004.22	5893.74	2.39	ppb
Potassium	39-2	21345.58	20948.57	21592.72	21295.63	1.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				84		%
Scandium	45-1				124		%
Scandium	45-2				92		%
Selenium	82-1	447.50	476.98	462.66	462.38	3.19	ppb
Selenium	77-2	500.52	511.91	506.47	506.30	1.13	ppb
Selenium	78-2	485.10	486.91	468.24	480.08	2.14	ppb
Silicon	28-1	5029.33	5173.38	5460.39	5221.03	4.20	ppb
Silver	107-1	443.40	474.26	459.84	459.17	3.36	ppb
Silver	109-1	449.44	479.91	457.08	462.14	3.43	ppb
Sodium	23-2	50445.55	50592.55	48286.65	49774.92	2.59	ppb
Strontium	86-1	623.74	660.31	612.27	632.11	3.97	ppb
Strontium	88-1	607.47	638.77	619.00	621.75	2.55	ppb
Sulfur	34-1	3287.55	3670.81	3734.31	3564.22	6.78	ppb
Terbium	159-1				119		%
Terbium	159-2				94		%
Thallium	203-1	450.97	450.93	458.00	453.30	0.90	ppb
Thallium	205-1	431.71	445.25	449.91	442.29	2.14	ppb
Tin	118-1	484.19	502.86	504.99	497.35	2.30	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6140.77	6422.10	6330.16	6297.68	2.28	ppb
Uranium	238-1	450.21	467.40	466.47	461.36	2.09	ppb
Vanadium	51-2	4075.10	4167.45	4099.90	4114.15	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				130		%
Yttrium	89-2				92		%
Zinc	66-2	12917.93	13215.92	12968.65	13034.16	1.22	ppb
Zirconium	90-1	460.76	447.74	445.43	451.31	1.83	ppb
Zirconium	91-1	435.41	445.66	438.95	440.01	1.18	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29401.12	28845.33	27333.23	28526.56	3.75	ppb
Antimony	121-1	66.17	65.27	70.06	67.17	3.79	ppb
Arsenic	75-2	125.18	123.96	122.56	123.90	1.06	ppb
Barium	135-1	658.97	649.61	689.94	666.18	3.17	ppb
Barium	137-1	698.39	665.48	726.42	696.76	4.38	ppb
Beryllium	9-1	86.10	86.79	89.82	87.57	2.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				87		%
Boron	10-1	109.51	117.77	118.78	115.35	4.41	ppb
Boron	11-1	124.39	125.74	133.76	127.96	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	104.98	101.14	108.00	104.71	3.28	ppb
Cadmium	106-1	103.27	96.25	105.61	101.71	4.79	ppb
Cadmium	108-1	99.69	99.28	101.80	100.26	1.35	ppb
Calcium	43-1	20365.75	19150.75	20289.46	19935.32	3.41	ppb
Calcium	44-1	19341.37	18863.26	19830.25	19344.96	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	370.32	358.91	352.22	360.48	2.54	ppb
Cobalt	59-2	186.67	183.17	183.39	184.41	1.06	ppb
Copper	63-2	1642.28	1601.38	1605.17	1616.28	1.40	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				88		%
Indium	115-1				102		%
Indium	115-2				79		%
Iron	54-2	113715.06	110183.97	112739.90	112212.97	1.63	ppb
Iron	56-2	116374.97	114065.94	114249.92	114896.94	1.12	ppb
Iron	57-2	119183.51	116210.33	114977.58	116790.47	1.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	552.26	535.31	560.27	549.28	2.32	ppb
Lead	207-1	545.04	536.62	547.47	543.04	1.05	ppb
Lead	208-1	533.36	523.78	552.62	536.58	2.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	21709.00	20548.97	20479.22	20912.40	3.30	ppb
Manganese	55-2	2379.52	2325.61	2333.98	2346.37	1.24	ppb
Molybdenum	94-1	487.39	460.90	490.76	479.68	3.41	ppb
Molybdenum	95-1	364.56	356.89	369.96	363.80	1.81	ppb
Molybdenum	96-1	377.21	375.87	392.64	381.91	2.44	ppb
Molybdenum	97-1	380.73	351.90	370.03	367.55	3.96	ppb
Molybdenum	98-1	374.00	357.70	369.25	366.98	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	875.93	869.36	846.61	863.97	1.78	ppb
Phosphorus	31-2	1231.67	1248.04	1296.84	1258.85	2.69	ppb
Potassium	39-2	4607.54	4374.74	4450.80	4477.70	2.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				77		%
Selenium	82-1	103.62	99.15	104.53	102.43	2.81	ppb
Selenium	77-2	92.06	119.07	94.10	101.74	14.78	ppb
Selenium	78-2	99.06	99.43	98.90	99.13	0.27	ppb
Silicon	28-1	1169.12	1116.27	1223.64	1169.68	4.59	ppb
Silver	107-1	94.22	91.44	97.17	94.27	3.04	ppb
Silver	109-1	97.14	92.99	100.35	96.82	3.81	ppb
Sodium	23-2	10832.11	10844.44	10404.34	10693.63	2.34	ppb
Strontium	86-1	141.52	135.93	144.04	140.50	2.95	ppb
Strontium	88-1	141.56	134.13	141.52	139.07	3.08	ppb
Sulfur	34-1	-86.61	-550.21	104.03	-177.60		ppb
Terbium	159-1				105		%
Terbium	159-2				88		%
Thallium	203-1	89.33	87.82	91.45	89.53	2.04	ppb
Thallium	205-1	89.03	87.29	92.90	89.74	3.20	ppb
Tin	118-1	98.24	95.13	105.95	99.78	5.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1513.64	1480.23	1560.65	1518.17	2.66	ppb
Uranium	238-1	94.17	90.40	97.72	94.10	3.89	ppb
Vanadium	51-2	875.08	854.06	852.45	860.53	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				79		%
Zinc	66-2	2935.45	2837.38	2857.66	2876.83	1.80	ppb
Zirconium	90-1	97.50	97.85	100.49	98.61	1.66	ppb
Zirconium	91-1	99.42	95.07	99.60	98.03	2.62	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33092.08	32504.62	31971.41	32522.70	1.72	ppb
Antimony	121-1	60.57	64.73	71.58	65.63	8.47	ppb
Arsenic	75-2	126.28	123.89	124.61	124.93	0.98	ppb
Barium	135-1	557.34	611.99	668.67	612.66	9.09	ppb
Barium	137-1	593.45	634.88	712.85	647.06	9.37	ppb
Beryllium	9-1	82.84	85.73	90.21	86.26	4.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				85		%
Boron	10-1	94.93	105.67	115.53	105.38	9.77	ppb
Boron	11-1	103.76	115.26	121.27	113.43	7.85	ppb
Bromine	81-1						cps
Cadmium	111-1	90.00	96.44	105.93	97.46	8.22	ppb
Cadmium	106-1	80.43	94.99	105.68	93.70	13.53	ppb
Cadmium	108-1	86.21	90.36	103.15	93.24	9.47	ppb
Calcium	43-1	17968.85	18649.72	19226.14	18614.90	3.38	ppb
Calcium	44-1	17507.22	18662.64	19239.85	18469.90	4.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	296.18	293.69	287.49	292.45	1.53	ppb
Cobalt	59-2	161.80	157.75	156.40	158.65	1.77	ppb
Copper	63-2	1486.12	1474.73	1411.99	1457.61	2.74	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				111		%
Holmium	165-2				87		%
Indium	115-1				104		%
Indium	115-2				77		%
Iron	54-2	110717.78	110227.72	106145.40	109030.30	2.30	ppb
Iron	56-2	111104.59	109429.78	108386.40	109640.25	1.25	ppb
Iron	57-2	112630.47	113487.05	111856.78	112658.10	0.72	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	470.34	515.52	527.89	504.58	6.00	ppb
Lead	207-1	473.60	512.15	507.63	497.79	4.23	ppb
Lead	208-1	465.74	503.56	517.17	495.49	5.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	22979.10	23093.05	22008.38	22693.51	2.63	ppb
Manganese	55-2	2403.74	2388.88	2242.31	2344.98	3.80	ppb
Molybdenum	94-1	392.14	424.53	451.27	422.65	7.01	ppb
Molybdenum	95-1	295.48	322.89	343.17	320.51	7.47	ppb
Molybdenum	96-1	309.11	346.31	355.74	337.06	7.31	ppb
Molybdenum	97-1	296.60	323.15	338.09	319.28	6.58	ppb
Molybdenum	98-1	294.31	326.13	342.64	321.03	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	665.33	653.52	626.94	648.59	3.03	ppb
Phosphorus	31-2	1165.77	1166.97	1045.62	1126.12	6.19	ppb
Potassium	39-2	4432.73	4475.59	4487.99	4465.44	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				83		%
Scandium	45-1				99		%
Scandium	45-2				78		%
Selenium	82-1	85.15	92.85	101.71	93.23	8.89	ppb
Selenium	77-2	117.22	105.34	104.59	109.05	6.50	ppb
Selenium	78-2	98.07	102.62	99.19	99.96	2.37	ppb
Silicon	28-1	1286.53	1425.63	1517.34	1409.83	8.24	ppb
Silver	107-1	87.06	93.89	102.87	94.61	8.38	ppb
Silver	109-1	89.03	95.44	103.91	96.13	7.77	ppb
Sodium	23-2	10738.99	10825.78	10678.85	10747.87	0.69	ppb
Strontium	86-1	116.35	126.56	133.34	125.42	6.82	ppb
Strontium	88-1	118.29	129.02	140.20	129.17	8.48	ppb
Sulfur	34-1	-1430.41	-1067.47	-922.17	-1140.02		ppb
Terbium	159-1				109		%
Terbium	159-2				87		%
Thallium	203-1	79.11	85.86	92.81	85.92	7.97	ppb
Thallium	205-1	81.55	88.62	88.87	86.34	4.81	ppb
Tin	118-1	84.43	93.86	103.46	93.92	10.13	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1436.54	1560.06	1598.29	1531.63	5.52	ppb
Uranium	238-1	85.29	90.79	93.63	89.90	4.72	ppb
Vanadium	51-2	894.05	891.22	873.42	886.23	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				78		%
Zinc	66-2	2342.44	2353.28	2304.52	2333.42	1.10	ppb
Zirconium	90-1	86.01	92.22	100.26	92.83	7.70	ppb
Zirconium	91-1	83.75	90.63	96.38	90.25	7.01	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53706.79	50915.20	51560.61	52060.86	2.81	ppb
Antimony	121-1	502.43	477.53	550.30	510.09	7.25	ppb
Arsenic	75-2	518.42	509.06	507.73	511.74	1.14	ppb
Barium	135-1	2575.96	2451.31	2855.78	2627.69	7.88	ppb
Barium	137-1	2634.45	2517.84	2869.25	2673.85	6.69	ppb
Beryllium	9-1	455.20	464.61	522.42	480.74	7.57	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	10-1	436.46	489.50	559.36	495.10	12.45	ppb
Boron	11-1	475.73	521.73	613.25	536.90	13.04	ppb
Bromine	81-1						cps
Cadmium	111-1	477.20	471.34	527.03	491.85	6.22	ppb
Cadmium	106-1	479.38	471.73	529.66	493.59	6.38	ppb
Cadmium	108-1	470.60	479.10	526.83	492.18	6.16	ppb
Calcium	43-1	245158.66	224678.60	275157.85	248331.70	10.22	ppb
Calcium	44-1	234242.28	223990.96	265618.71	241283.98	8.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.43	504.18	508.35	510.65	1.54	ppb
Cobalt	59-2	543.38	520.45	525.12	529.65	2.29	ppb
Copper	63-2	5612.47	5393.03	5450.64	5485.38	2.07	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				93		%
Holmium	165-2				86		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	54-2	134785.19	129373.47	131704.07	131954.24	2.06	ppb
Iron	56-2	135476.72	133592.66	133095.67	134055.02	0.94	ppb
Iron	57-2	141832.75	132907.79	133316.37	136018.97	3.70	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2533.66	2460.69	2890.60	2628.31	8.75	ppb
Lead	207-1	2549.97	2499.30	2881.17	2643.48	7.85	ppb
Lead	208-1	2553.48	2499.01	2853.53	2635.34	7.24	ppb
Lithium	6-1				78		%
Magnesium	24-2	272304.25	269459.99	264113.23	268625.82	1.55	ppb
Manganese	55-2	5250.16	5107.38	5053.08	5136.87	1.98	ppb
Molybdenum	94-1	4986.78	4741.88	5751.54	5160.07	10.21	ppb
Molybdenum	95-1	4851.26	4730.47	5717.26	5099.66	10.55	ppb
Molybdenum	96-1	4942.65	4896.31	5764.23	5201.07	9.39	ppb
Molybdenum	97-1	4937.31	4839.91	5639.79	5139.00	8.49	ppb
Molybdenum	98-1	4972.94	4688.84	5732.56	5131.45	10.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.97	536.29	535.05	539.10	1.11	ppb
Phosphorus	31-2	10143.32	9464.31	9966.48	9858.04	3.57	ppb
Potassium	39-2	132218.70	127341.62	126382.18	128647.50	2.43	ppb
Rhodium	103-1				80		%
Rhodium	103-2				76		%
Scandium	45-1				81		%
Scandium	45-2				75		%
Selenium	82-1	498.84	473.40	574.96	515.73	10.25	ppb
Selenium	77-2	502.64	548.20	487.18	512.67	6.19	ppb
Selenium	78-2	495.73	503.46	496.91	498.70	0.84	ppb
Silicon	28-1	494.15	459.73	595.20	516.36	13.64	ppb
Silver	107-1	471.23	462.91	539.06	491.07	8.51	ppb
Silver	109-1	472.02	477.73	536.72	495.49	7.23	ppb
Sodium	23-2	276115.35	271277.16	275321.53	274238.01	0.95	ppb
Strontium	86-1	12191.82	12315.89	14087.37	12865.03	8.24	ppb
Strontium	88-1	12549.90	12022.09	14175.33	12915.77	8.69	ppb
Sulfur	34-1	12421.55	10561.47	14418.07	12467.03	15.47	ppb
Terbium	159-1				90		%
Terbium	159-2				84		%
Thallium	203-1	521.20	508.34	582.98	537.51	7.42	ppb
Thallium	205-1	519.96	498.64	569.54	529.38	6.87	ppb
Tin	118-1	514.02	498.98	558.05	523.69	5.86	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5189.80	4786.19	5932.10	5302.70	10.96	ppb
Uranium	238-1	517.78	519.79	577.06	538.21	6.25	ppb
Vanadium	51-2	526.02	507.69	506.97	513.56	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				77		%
Zinc	66-2	5122.69	5029.14	5020.05	5057.29	1.12	ppb
Zirconium	90-1	492.94	497.49	578.98	523.14	9.25	ppb
Zirconium	91-1	487.47	464.13	557.86	503.15	9.70	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	0.68	1.37	0.98	36.30	ppb
Antimony	121-1	0.07	0.04	0.07	0.06	26.96	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	81.09	ppb
Barium	135-1	0.11	0.00	0.02	0.04	149.97	ppb
Barium	137-1	0.10	0.02	0.01	0.04	105.72	ppb
Beryllium	9-1	0.04	0.02	0.01	0.03	53.16	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	11.67	9.42	8.25	9.78	17.79	ppb
Boron	11-1	12.10	9.65	9.07	10.27	15.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.16	-0.30	-0.24		ppb
Cadmium	106-1	-3.83	-2.48	-4.31	-3.54		ppb
Cadmium	108-1	-0.02	-0.06	0.04	-0.01		ppb
Calcium	43-1	12.03	0.95	0.68	4.55	142.14	ppb
Calcium	44-1	19.13	2.39	1.14	7.55	133.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.02	0.05	0.03	155.10	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.29	0.28	0.22	0.26	12.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				78		%
Iron	54-2	2.00	4.59	2.78	3.12	42.58	ppb
Iron	56-2	3.90	3.58	3.84	3.77	4.44	ppb
Iron	57-2	3.86	4.75	4.30	4.30	10.27	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.03	0.00	0.06	135.84	ppb
Lead	207-1	0.13	-0.01	-0.02	0.03	240.95	ppb
Lead	208-1	0.16	0.03	0.00	0.06	133.32	ppb
Lithium	6-1				77		%
Magnesium	24-2	1.64	0.97	1.48	1.36	25.84	ppb
Manganese	55-2	0.13	0.14	0.13	0.13	3.84	ppb
Molybdenum	94-1	0.26	0.09	0.11	0.15	60.60	ppb
Molybdenum	95-1	0.27	0.10	0.07	0.15	73.83	ppb
Molybdenum	96-1	0.30	0.09	0.03	0.14	100.90	ppb
Molybdenum	97-1	0.37	0.07	0.07	0.17	103.32	ppb
Molybdenum	98-1	0.38	0.08	0.07	0.18	99.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.02	0.01	158.50	ppb
Phosphorus	31-2	-4.69	-22.67	-16.00	-14.45		ppb
Potassium	39-2	28.57	19.66	30.66	26.30	22.20	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				79		%
Scandium	45-2				77		%
Selenium	82-1	0.54	0.37	0.05	0.32	78.77	ppb
Selenium	77-2	1.01	0.00	0.00	0.34	173.21	ppb
Selenium	78-2	0.71	1.16	0.88	0.92	24.79	ppb
Silicon	28-1	27.89	-1.24	-5.08	7.19	250.83	ppb
Silver	107-1	0.03	-0.01	-0.03	0.00		ppb
Silver	109-1	0.04	0.00	-0.01	0.01	341.71	ppb
Sodium	23-2	18.16	20.36	20.23	19.58	6.31	ppb
Strontium	86-1	0.57	0.02	0.02	0.21	154.62	ppb
Strontium	88-1	0.50	0.07	0.03	0.20	129.35	ppb
Sulfur	34-1	2138.06	-191.32	-490.84	485.30	296.55	ppb
Terbium	159-1				84		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.01	0.00	0.01	155.35	ppb
Thallium	205-1	0.03	0.00	0.01	0.01	96.02	ppb
Tin	118-1	-0.01	-0.04	-0.06	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.30	0.04	0.05	0.13	110.81	ppb
Uranium	238-1	0.03	0.00	0.00	0.01	137.89	ppb
Vanadium	51-2	0.04	0.03	0.01	0.03	46.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				84		%
Yttrium	89-2				76		%
Zinc	66-2	0.15	0.14	0.25	0.18	32.28	ppb
Zirconium	90-1	0.03	-0.01	0.00	0.01	293.61	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	49.71	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	142392.94	137213.10	140576.16	140060.73	1.88	ppb
Antimony	121-1	359.25	363.85	352.79	358.63	1.55	ppb
Arsenic	75-2	573.34	567.36	547.45	562.72	2.41	ppb
Barium	135-1	3394.69	3366.05	3242.29	3334.34	2.43	ppb
Barium	137-1	3484.61	3389.31	3280.94	3384.95	3.01	ppb
Beryllium	9-1	440.15	442.97	406.43	429.85	4.73	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	399.57	438.29	414.04	417.30	4.69	ppb
Boron	11-1	427.66	479.25	460.32	455.75	5.73	ppb
Bromine	81-1						cps
Cadmium	111-1	500.15	514.06	491.80	502.00	2.24	ppb
Cadmium	106-1	498.36	504.78	487.60	496.91	1.75	ppb
Cadmium	108-1	479.59	488.24	460.37	476.07	3.00	ppb
Calcium	43-1	85699.92	83113.98	81590.51	83468.14	2.49	ppb
Calcium	44-1	84650.43	82706.32	78518.18	81958.31	3.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1306.86	1314.08	1285.61	1302.18	1.14	ppb
Cobalt	59-2	706.37	702.32	680.08	696.26	2.03	ppb
Copper	63-2	6013.27	5937.74	5837.48	5929.50	1.49	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				119		%
Holmium	165-2				94		%
Indium	115-1				111		%
Indium	115-2				83		%
Iron	54-2	464089.49	457500.59	448943.60	456844.56	1.66	ppb
Iron	56-2	470826.68	450957.98	455782.73	459189.13	2.26	ppb
Iron	57-2	469516.89	461528.21	468441.78	466495.63	0.93	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.37	2607.26	2487.58	2536.07	2.48	ppb
Lead	207-1	2419.79	2518.60	2435.70	2458.03	2.16	ppb
Lead	208-1	2473.29	2537.78	2438.31	2483.13	2.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	96499.98	93060.50	96071.72	95210.73	1.97	ppb
Manganese	55-2	10042.65	9732.99	9658.78	9811.48	2.08	ppb
Molybdenum	94-1	2114.44	2091.39	1996.93	2067.58	3.01	ppb
Molybdenum	95-1	1572.23	1607.11	1508.61	1562.65	3.20	ppb
Molybdenum	96-1	1615.10	1681.54	1625.70	1640.78	2.18	ppb
Molybdenum	97-1	1597.65	1607.97	1533.33	1579.65	2.56	ppb
Molybdenum	98-1	1608.44	1610.66	1524.55	1581.22	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2960.03	2944.20	2868.82	2924.35	1.67	ppb
Phosphorus	31-2	5177.52	5022.00	4987.07	5062.20	2.00	ppb
Potassium	39-2	20053.01	19803.89	19993.95	19950.28	0.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				85		%
Scandium	45-1				125		%
Scandium	45-2				98		%
Selenium	82-1	466.79	467.92	444.55	459.75	2.87	ppb
Selenium	77-2	533.88	506.71	496.65	512.41	3.76	ppb
Selenium	78-2	463.93	464.34	450.64	459.64	1.70	ppb
Silicon	28-1	6246.92	6339.17	5613.91	6066.67	6.51	ppb
Silver	107-1	505.36	503.48	465.42	491.42	4.59	ppb
Silver	109-1	492.53	512.58	468.39	491.17	4.51	ppb
Sodium	23-2	46036.95	45898.56	45686.37	45873.96	0.38	ppb
Strontium	86-1	642.38	658.71	615.56	638.88	3.41	ppb
Strontium	88-1	627.35	650.28	597.37	625.00	4.25	ppb
Sulfur	34-1	2169.17	2068.83	1164.46	1800.82	30.73	ppb
Terbium	159-1				115		%
Terbium	159-2				93		%
Thallium	203-1	458.21	465.84	444.42	456.16	2.38	ppb
Thallium	205-1	433.67	465.92	447.36	448.98	3.61	ppb
Tin	118-1	501.64	528.58	480.15	503.46	4.82	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7104.93	6922.49	6429.22	6818.88	5.13	ppb
Uranium	238-1	456.71	471.83	455.42	461.32	1.98	ppb
Vanadium	51-2	3935.58	3954.72	3795.98	3895.43	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				94		%
Zinc	66-2	10013.23	10145.68	9685.76	9948.23	2.38	ppb
Zirconium	90-1	457.33	476.17	433.43	455.64	4.70	ppb
Zirconium	91-1	461.33	457.93	432.65	450.63	3.48	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130831.65	128722.76	128427.47	129327.29	1.01	ppb
Antimony	121-1	337.41	352.67	357.06	349.05	2.96	ppb
Arsenic	75-2	592.04	576.99	568.30	579.11	2.07	ppb
Barium	135-1	3194.46	3256.11	3341.88	3264.15	2.27	ppb
Barium	137-1	3314.26	3360.55	3283.27	3319.36	1.17	ppb
Beryllium	9-1	403.62	400.12	384.77	396.17	2.53	ppb
Bismuth	209-1				118		%
Bismuth	209-2				91		%
Boron	10-1	407.49	426.53	426.06	420.03	2.59	ppb
Boron	11-1	448.29	470.12	482.47	466.96	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	480.60	498.06	494.82	491.16	1.89	ppb
Cadmium	106-1	491.41	492.26	486.93	490.20	0.58	ppb
Cadmium	108-1	471.48	474.39	481.31	475.73	1.06	ppb
Calcium	43-1	82404.89	86259.92	85927.59	84864.13	2.52	ppb
Calcium	44-1	84924.94	85140.48	83309.85	84458.42	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1652.34	1596.71	1633.79	1627.61	1.74	ppb
Cobalt	59-2	826.49	818.23	830.62	825.12	0.76	ppb
Copper	63-2	6841.31	6498.97	6561.75	6634.01	2.75	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				119		%
Holmium	165-2				93		%
Indium	115-1				112		%
Indium	115-2				80		%
Iron	54-2	499973.71	487656.86	494165.34	493931.97	1.25	ppb
Iron	56-2	499973.92	493213.89	492076.64	495088.15	0.86	ppb
Iron	57-2	514107.26	505877.84	486839.70	502274.93	2.78	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2591.05	2614.42	2723.30	2642.92	2.67	ppb
Lead	207-1	2562.83	2538.66	2598.94	2566.81	1.18	ppb
Lead	208-1	2596.11	2577.24	2648.06	2607.14	1.41	ppb
Lithium	6-1				111		%
Magnesium	24-2	97015.94	92619.44	94089.88	94575.09	2.37	ppb
Manganese	55-2	10536.32	10072.54	10166.43	10258.43	2.39	ppb
Molybdenum	94-1	1984.89	2065.88	2065.88	2038.88	2.29	ppb
Molybdenum	95-1	1534.21	1597.24	1612.13	1581.19	2.62	ppb
Molybdenum	96-1	1598.84	1689.51	1656.20	1648.18	2.78	ppb
Molybdenum	97-1	1540.54	1603.21	1592.08	1578.61	2.12	ppb
Molybdenum	98-1	1563.46	1619.77	1623.59	1602.27	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3831.59	3765.79	3709.42	3768.93	1.62	ppb
Phosphorus	31-2	5617.61	5299.09	5402.55	5439.75	2.99	ppb
Potassium	39-2	20709.22	20123.83	20030.57	20287.87	1.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				85		%
Scandium	45-1				122		%
Scandium	45-2				93		%
Selenium	82-1	436.11	462.59	465.07	454.59	3.53	ppb
Selenium	77-2	479.95	491.31	496.33	489.19	1.72	ppb
Selenium	78-2	482.56	474.62	447.55	468.24	3.92	ppb
Silicon	28-1	4792.67	4753.29	4655.83	4733.93	1.49	ppb
Silver	107-1	464.87	480.74	503.36	482.99	4.00	ppb
Silver	109-1	478.40	487.54	490.30	485.41	1.28	ppb
Sodium	23-2	49355.28	46893.72	46691.87	47646.95	3.11	ppb
Strontium	86-1	601.88	625.72	603.79	610.47	2.17	ppb
Strontium	88-1	597.22	594.15	610.84	600.74	1.48	ppb
Sulfur	34-1	2467.51	2951.00	2604.46	2674.32	9.32	ppb
Terbium	159-1				119		%
Terbium	159-2				94		%
Thallium	203-1	456.78	451.00	459.99	455.92	1.00	ppb
Thallium	205-1	449.22	455.30	455.18	453.23	0.77	ppb
Tin	118-1	470.27	486.00	494.59	483.62	2.55	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6395.49	6480.53	6391.20	6422.40	0.78	ppb
Uranium	238-1	473.07	473.77	462.53	469.79	1.34	ppb
Vanadium	51-2	4122.29	3950.63	3959.53	4010.82	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				91		%
Zinc	66-2	12494.94	12001.93	11812.14	12103.00	2.91	ppb
Zirconium	90-1	431.50	443.80	433.27	436.19	1.52	ppb
Zirconium	91-1	413.05	435.32	424.30	424.22	2.62	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30349.44	28803.05	29951.47	29701.32	2.70	ppb
Antimony	121-1	62.22	66.81	70.03	66.36	5.92	ppb
Arsenic	75-2	131.36	120.86	122.04	124.75	4.61	ppb
Barium	135-1	599.46	641.91	675.46	638.94	5.96	ppb
Barium	137-1	628.31	688.62	702.60	673.17	5.86	ppb
Beryllium	9-1	81.72	84.90	87.20	84.61	3.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				87		%
Boron	10-1	114.86	123.79	127.70	122.12	5.39	ppb
Boron	11-1	127.33	134.56	141.00	134.30	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	93.59	102.03	106.93	100.85	6.69	ppb
Cadmium	106-1	90.83	101.58	106.65	99.69	8.10	ppb
Cadmium	108-1	92.59	98.15	103.36	98.03	5.50	ppb
Calcium	43-1	17665.79	19348.80	19188.41	18734.33	4.96	ppb
Calcium	44-1	17840.84	19202.26	19059.96	18701.02	4.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351.25	337.64	333.96	340.95	2.67	ppb
Cobalt	59-2	183.94	173.36	174.19	177.16	3.32	ppb
Copper	63-2	1650.71	1485.03	1550.05	1561.93	5.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				87		%
Indium	115-1				99		%
Indium	115-2				77		%
Iron	54-2	114461.90	111837.43	108432.90	111577.41	2.71	ppb
Iron	56-2	117794.85	111059.94	109428.71	112761.17	3.93	ppb
Iron	57-2	120265.20	113350.19	112037.46	115217.61	3.84	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	497.72	522.28	531.19	517.06	3.35	ppb
Lead	207-1	491.12	532.74	524.82	516.23	4.28	ppb
Lead	208-1	484.78	526.12	525.76	512.22	4.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	23318.89	21840.47	21594.71	22251.36	4.19	ppb
Manganese	55-2	2449.79	2304.52	2312.26	2355.52	3.47	ppb
Molybdenum	94-1	452.12	468.36	471.68	464.05	2.26	ppb
Molybdenum	95-1	340.31	352.02	359.94	350.76	2.81	ppb
Molybdenum	96-1	357.15	369.92	374.01	367.03	2.40	ppb
Molybdenum	97-1	344.63	353.69	365.59	354.64	2.96	ppb
Molybdenum	98-1	348.37	363.31	365.65	359.11	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	833.92	803.00	791.95	809.62	2.69	ppb
Phosphorus	31-2	1336.13	1162.76	1152.48	1217.12	8.48	ppb
Potassium	39-2	4586.36	4372.17	4495.13	4484.56	2.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				81		%
Scandium	45-1				98		%
Scandium	45-2				77		%
Selenium	82-1	96.65	100.62	101.28	99.52	2.52	ppb
Selenium	77-2	91.66	107.59	84.83	94.70	12.33	ppb
Selenium	78-2	104.79	100.57	97.43	100.93	3.66	ppb
Silicon	28-1	953.55	1099.78	1065.02	1039.45	7.35	ppb
Silver	107-1	91.57	101.30	106.59	99.82	7.64	ppb
Silver	109-1	92.39	100.62	106.27	99.76	6.99	ppb
Sodium	23-2	11640.74	10924.49	10751.40	11105.55	4.25	ppb
Strontium	86-1	129.61	134.81	135.97	133.47	2.54	ppb
Strontium	88-1	132.18	133.04	138.00	134.41	2.34	ppb
Sulfur	34-1	-1380.57	-818.70	-872.45	-1023.91		ppb
Terbium	159-1				105		%
Terbium	159-2				88		%
Thallium	203-1	81.97	86.32	88.59	85.63	3.93	ppb
Thallium	205-1	83.14	88.92	89.73	87.26	4.12	ppb
Tin	118-1	90.78	98.63	102.82	97.41	6.28	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1370.52	1472.66	1525.02	1456.06	5.40	ppb
Uranium	238-1	86.99	93.98	90.04	90.34	3.88	ppb
Vanadium	51-2	893.54	844.13	844.61	860.76	3.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				77		%
Zinc	66-2	2846.81	2679.46	2655.05	2727.11	3.83	ppb
Zirconium	90-1	92.91	98.25	97.94	96.36	3.11	ppb
Zirconium	91-1	92.77	94.54	95.41	94.24	1.42	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143206.16	141323.76	137472.63	140667.52	2.08	ppb
Antimony	121-1	38.54	38.32	38.46	38.44	0.29	ppb
Arsenic	75-2	168.37	162.89	163.41	164.89	1.83	ppb
Barium	135-1	1239.40	1227.87	1230.15	1232.48	0.50	ppb
Barium	137-1	1266.60	1268.81	1244.73	1260.05	1.06	ppb
Beryllium	9-1	3.48	3.34	3.37	3.40	2.12	ppb
Bismuth	209-1				119		%
Bismuth	209-2				93		%
Boron	10-1	47.98	49.19	46.94	48.04	2.34	ppb
Boron	11-1	55.03	54.17	52.35	53.85	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	12.13	12.13	12.28	12.18	0.70	ppb
Cadmium	106-1	20.39	20.04	19.94	20.12	1.19	ppb
Cadmium	108-1	19.59	18.96	19.15	19.23	1.67	ppb
Calcium	43-1	55686.37	55983.31	54745.88	55471.85	1.16	ppb
Calcium	44-1	53871.62	55859.98	54609.61	54780.40	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1408.25	1392.12	1419.58	1406.65	0.98	ppb
Cobalt	59-2	356.61	354.73	354.25	355.20	0.35	ppb
Copper	63-2	3042.19	3007.48	3092.09	3047.25	1.40	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				93		%
Indium	115-1				112		%
Indium	115-2				80		%
Iron	54-2	706409.25	695807.63	692180.40	698132.43	1.06	ppb
Iron	56-2	705050.89	706135.95	711442.51	707543.12	0.48	ppb
Iron	57-2	720455.31	708458.13	708328.11	712413.85	0.98	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	655.35	645.17	653.18	651.23	0.82	ppb
Lead	207-1	626.30	595.08	610.47	610.62	2.56	ppb
Lead	208-1	626.13	612.69	618.34	619.05	1.09	ppb
Lithium	6-1				110		%
Magnesium	24-2	51950.25	50981.28	51670.21	51533.91	0.97	ppb
Manganese	55-2	8489.10	8660.45	8665.98	8605.18	1.17	ppb
Molybdenum	94-1	129.78	126.27	129.32	128.46	1.49	ppb
Molybdenum	95-1	86.18	81.63	84.18	84.00	2.71	ppb
Molybdenum	96-1	97.29	91.98	93.57	94.28	2.89	ppb
Molybdenum	97-1	85.51	83.35	83.67	84.18	1.39	ppb
Molybdenum	98-1	86.43	82.34	82.86	83.88	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4148.79	4079.51	4105.44	4111.25	0.85	ppb
Phosphorus	31-2	7431.99	7664.65	7278.17	7458.27	2.61	ppb
Potassium	39-2	2824.74	2708.37	2710.57	2747.89	2.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				84		%
Scandium	45-1				124		%
Scandium	45-2				94		%
Selenium	82-1	8.62	8.38	8.15	8.38	2.78	ppb
Selenium	77-2	63.43	54.94	47.38	55.25	14.54	ppb
Selenium	78-2	25.74	19.45	20.92	22.04	14.93	ppb
Silicon	28-1	3445.58	3491.98	3531.53	3489.70	1.23	ppb
Silver	107-1	2.25	2.25	2.23	2.24	0.49	ppb
Silver	109-1	2.17	2.29	2.29	2.25	3.07	ppb
Sodium	23-2	1656.09	1631.50	1653.13	1646.91	0.81	ppb
Strontium	86-1	233.94	224.76	222.35	227.01	2.69	ppb
Strontium	88-1	235.02	233.63	232.30	233.65	0.58	ppb
Sulfur	34-1	5038.34	5466.55	5516.66	5340.52	4.92	ppb
Terbium	159-1				119		%
Terbium	159-2				93		%
Thallium	203-1	0.77	0.82	0.81	0.80	2.81	ppb
Thallium	205-1	0.81	0.80	0.81	0.81	0.96	ppb
Tin	118-1	75.98	75.66	79.00	76.88	2.40	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5062.93	5413.69	5381.61	5286.07	3.67	ppb
Uranium	238-1	7.10	7.01	6.99	7.03	0.82	ppb
Vanadium	51-2	4494.03	4397.04	4497.60	4462.89	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				92		%
Zinc	66-2	11561.65	11463.36	11470.58	11498.53	0.48	ppb
Zirconium	90-1	34.45	34.32	35.58	34.78	2.00	ppb
Zirconium	91-1	35.04	34.43	34.72	34.73	0.88	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34462.83	32694.44	32049.71	33068.99	3.78	ppb
Antimony	121-1	8.07	8.09	8.17	8.11	0.66	ppb
Arsenic	75-2	35.78	34.17	34.02	34.66	2.81	ppb
Barium	135-1	240.54	244.36	244.37	243.09	0.91	ppb
Barium	137-1	248.63	253.73	253.31	251.89	1.12	ppb
Beryllium	9-1	0.78	0.79	0.77	0.78	1.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				86		%
Boron	10-1	23.70	23.53	23.96	23.73	0.92	ppb
Boron	11-1	25.99	25.92	25.74	25.88	0.49	ppb
Bromine	81-1						cps
Cadmium	111-1	2.26	2.29	2.53	2.36	6.26	ppb
Cadmium	106-1	0.20	-0.10	2.61	0.90	164.24	ppb
Cadmium	108-1	4.62	4.80	4.35	4.59	4.95	ppb
Calcium	43-1	12814.55	12951.06	12613.94	12793.18	1.33	ppb
Calcium	44-1	12843.18	12694.69	12766.45	12768.11	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	308.84	309.66	303.48	307.33	1.09	ppb
Cobalt	59-2	82.19	81.00	79.88	81.02	1.43	ppb
Copper	63-2	702.61	687.97	688.18	692.92	1.21	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				86		%
Indium	115-1				100		%
Indium	115-2				76		%
Iron	54-2	166801.83	160744.86	157140.72	161562.47	3.02	ppb
Iron	56-2	167064.87	163007.04	161079.93	163717.28	1.87	ppb
Iron	57-2	166622.52	159723.14	159886.10	162077.26	2.43	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	123.33	124.41	118.42	122.05	2.61	ppb
Lead	207-1	120.86	119.70	111.75	117.44	4.22	ppb
Lead	208-1	119.92	120.71	114.94	118.52	2.64	ppb
Lithium	6-1				92		%
Magnesium	24-2	12553.33	11969.07	11942.91	12155.10	2.84	ppb
Manganese	55-2	2064.30	2010.21	1928.08	2000.86	3.43	ppb
Molybdenum	94-1	30.93	29.08	30.19	30.07	3.09	ppb
Molybdenum	95-1	19.70	18.34	18.97	19.00	3.56	ppb
Molybdenum	96-1	22.17	21.48	21.90	21.85	1.59	ppb
Molybdenum	97-1	19.27	18.75	19.33	19.12	1.66	ppb
Molybdenum	98-1	19.40	18.73	19.42	19.18	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	905.64	896.08	887.34	896.35	1.02	ppb
Phosphorus	31-2	1796.96	1722.53	1679.04	1732.84	3.44	ppb
Potassium	39-2	647.96	654.17	632.85	644.99	1.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				81		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	82-1	2.29	1.97	1.89	2.05	10.39	ppb
Selenium	77-2	12.03	14.91	14.14	13.69	10.89	ppb
Selenium	78-2	3.93	6.29	4.80	5.01	23.81	ppb
Silicon	28-1	777.07	818.20	805.37	800.21	2.63	ppb
Silver	107-1	0.56	0.45	0.49	0.50	10.84	ppb
Silver	109-1	0.50	0.50	0.46	0.49	4.89	ppb
Sodium	23-2	409.78	413.26	407.85	410.30	0.67	ppb
Strontium	86-1	53.25	51.48	52.85	52.52	1.77	ppb
Strontium	88-1	54.71	51.65	51.72	52.69	3.32	ppb
Sulfur	34-1	-338.31	-239.56	-253.94	-277.27		ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.19	0.17	0.14	0.17	14.96	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	9.99	ppb
Tin	118-1	15.98	16.78	16.06	16.27	2.71	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1256.73	1249.04	1257.31	1254.36	0.37	ppb
Uranium	238-1	1.42	1.42	1.38	1.41	1.56	ppb
Vanadium	51-2	1012.65	985.05	977.36	991.68	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				77		%
Zinc	66-2	2659.17	2566.92	2571.83	2599.31	2.00	ppb
Zirconium	90-1	7.95	7.73	7.99	7.89	1.80	ppb
Zirconium	91-1	7.85	7.96	7.77	7.86	1.17	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11112.56	10995.82	10898.12	11002.17	0.98	ppb
Antimony	121-1	0.22	0.26	0.21	0.23	9.78	ppb
Arsenic	75-2	8.72	8.11	8.19	8.34	3.95	ppb
Barium	135-1	39.51	38.67	41.96	40.05	4.26	ppb
Barium	137-1	41.05	39.28	43.26	41.19	4.84	ppb
Beryllium	9-1	0.65	0.53	0.59	0.59	9.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				86		%
Boron	10-1	16.50	14.56	16.08	15.71	6.48	ppb
Boron	11-1	18.60	16.27	17.74	17.53	6.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.13	0.04	215.76	ppb
Cadmium	106-1	-1.94	-2.05	0.46	-1.18		ppb
Cadmium	108-1	0.90	0.76	1.20	0.95	24.08	ppb
Calcium	43-1	5129.35	4593.10	4930.09	4884.18	5.55	ppb
Calcium	44-1	5117.69	4713.57	5101.90	4977.72	4.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.09	19.19	18.71	19.00	1.34	ppb
Cobalt	59-2	11.58	11.54	11.25	11.46	1.55	ppb
Copper	63-2	38.00	36.90	37.60	37.50	1.49	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				108		%
Holmium	165-2				85		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	54-2	30328.31	30054.00	29610.00	29997.43	1.21	ppb
Iron	56-2	31481.63	28486.16	28870.38	29612.72	5.50	ppb
Iron	57-2	29787.37	29099.99	28213.24	29033.54	2.72	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.84	21.98	23.92	23.25	4.72	ppb
Lead	207-1	22.82	20.99	21.99	21.93	4.19	ppb
Lead	208-1	23.28	21.35	22.81	22.48	4.46	ppb
Lithium	6-1				92		%
Magnesium	24-2	4334.17	4240.03	4169.40	4247.87	1.95	ppb
Manganese	55-2	359.05	339.87	345.98	348.30	2.81	ppb
Molybdenum	94-1	18.94	16.38	18.61	17.98	7.73	ppb
Molybdenum	95-1	1.66	1.46	1.47	1.53	7.42	ppb
Molybdenum	96-1	3.78	3.26	3.61	3.55	7.41	ppb
Molybdenum	97-1	1.47	1.38	1.51	1.46	4.45	ppb
Molybdenum	98-1	1.58	1.47	1.54	1.53	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.96	23.20	22.82	22.99	0.85	ppb
Phosphorus	31-2	409.98	377.45	435.38	407.60	7.12	ppb
Potassium	39-2	761.58	758.22	733.12	750.97	2.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				83		%
Scandium	45-1				93		%
Scandium	45-2				73		%
Selenium	82-1	1.08	0.59	0.69	0.79	33.08	ppb
Selenium	77-2	7.03	1.99	6.19	5.07	53.18	ppb
Selenium	78-2	2.23	1.84	1.15	1.74	31.37	ppb
Silicon	28-1	324.37	252.94	258.05	278.45	14.31	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.15	ppb
Silver	109-1	0.06	0.06	0.06	0.06	7.14	ppb
Sodium	23-2	530.44	521.63	519.85	523.97	1.08	ppb
Strontium	86-1	25.59	24.18	26.00	25.26	3.78	ppb
Strontium	88-1	26.07	24.84	26.42	25.78	3.23	ppb
Sulfur	34-1	-1707.14	-2327.96	-1925.52	-1986.87		ppb
Terbium	159-1				104		%
Terbium	159-2				85		%
Thallium	203-1	0.07	0.07	0.07	0.07	2.71	ppb
Thallium	205-1	0.09	0.06	0.08	0.08	19.95	ppb
Tin	118-1	3.44	3.51	3.74	3.56	4.42	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	200.39	161.78	177.26	179.81	10.81	ppb
Uranium	238-1	0.84	0.77	0.80	0.80	4.01	ppb
Vanadium	51-2	26.73	26.60	26.16	26.50	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				76		%
Zinc	66-2	78.32	78.46	80.65	79.14	1.65	ppb
Zirconium	90-1	9.78	9.34	9.76	9.62	2.59	ppb
Zirconium	91-1	9.86	8.58	10.06	9.50	8.44	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57479.59	57202.01	55077.13	56586.24	2.32	ppb
Antimony	121-1	1.43	0.99	1.04	1.16	21.03	ppb
Arsenic	75-2	45.06	44.02	42.86	43.98	2.51	ppb
Barium	135-1	298.67	213.11	200.40	237.39	22.51	ppb
Barium	137-1	304.37	213.76	207.95	242.02	22.34	ppb
Beryllium	9-1	3.69	2.73	2.61	3.01	19.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Boron	10-1	29.71	22.41	22.92	25.01	16.29	ppb
Boron	11-1	32.12	25.44	25.15	27.57	14.30	ppb
Bromine	81-1						cps
Cadmium	111-1	1.62	0.83	0.64	1.03	50.33	ppb
Cadmium	106-1	12.57	6.30	2.86	7.24	67.99	ppb
Cadmium	108-1	6.22	4.94	3.74	4.97	24.99	ppb
Calcium	43-1	35810.98	24651.49	24627.36	28363.28	22.74	ppb
Calcium	44-1	35143.48	24565.73	24194.08	27967.77	22.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.48	102.74	97.72	100.31	2.50	ppb
Cobalt	59-2	58.80	58.38	58.70	58.62	0.38	ppb
Copper	63-2	196.61	194.75	192.90	194.75	0.95	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				104		%
Holmium	165-2				90		%
Indium	115-1				99		%
Indium	115-2				79		%
Iron	54-2	149910.19	152793.71	148643.17	150449.02	1.41	ppb
Iron	56-2	151979.07	150695.47	149183.98	150619.51	0.93	ppb
Iron	57-2	157573.40	155941.84	151757.36	155090.87	1.93	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	162.65	118.31	115.74	132.24	19.94	ppb
Lead	207-1	155.33	110.61	111.17	125.70	20.41	ppb
Lead	208-1	157.64	113.40	112.90	127.98	20.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	22499.65	22616.91	21631.17	22249.24	2.42	ppb
Manganese	55-2	1770.03	1800.53	1762.04	1777.53	1.14	ppb
Molybdenum	94-1	122.00	90.20	89.12	100.44	18.60	ppb
Molybdenum	95-1	9.97	7.17	7.45	8.20	18.78	ppb
Molybdenum	96-1	23.78	16.69	16.97	19.14	20.97	ppb
Molybdenum	97-1	10.20	7.52	7.40	8.38	18.90	ppb
Molybdenum	98-1	9.82	7.11	7.30	8.08	18.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.30	116.96	114.19	115.82	1.25	ppb
Phosphorus	31-2	2230.66	2103.50	2019.79	2117.98	5.01	ppb
Potassium	39-2	3871.22	3733.45	3746.06	3783.58	2.01	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				75		%
Selenium	82-1	3.29	2.11	1.78	2.39	33.12	ppb
Selenium	77-2	40.25	40.27	37.62	39.38	3.87	ppb
Selenium	78-2	10.37	7.72	8.86	8.98	14.83	ppb
Silicon	28-1	2650.39	1645.05	1657.24	1984.23	29.08	ppb
Silver	107-1	0.51	0.33	0.36	0.40	24.43	ppb
Silver	109-1	0.46	0.37	0.35	0.39	16.10	ppb
Sodium	23-2	2537.49	2542.09	2486.16	2521.91	1.23	ppb
Strontium	86-1	175.52	124.42	130.25	143.40	19.51	ppb
Strontium	88-1	181.36	126.26	129.99	145.87	21.11	ppb
Sulfur	34-1	2554.86	-898.59	-791.69	288.19	681.39	ppb
Terbium	159-1				101		%
Terbium	159-2				88		%
Thallium	203-1	0.54	0.38	0.41	0.44	18.04	ppb
Thallium	205-1	0.57	0.38	0.42	0.45	21.56	ppb
Tin	118-1	28.72	21.07	19.99	23.26	20.45	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1295.14	862.07	890.76	1015.99	23.84	ppb
Uranium	238-1	5.65	4.05	4.05	4.58	20.16	ppb
Vanadium	51-2	137.13	137.21	136.10	136.81	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				81		%
Zinc	66-2	424.14	430.86	421.79	425.60	1.11	ppb
Zirconium	90-1	65.21	47.65	47.77	53.54	18.87	ppb
Zirconium	91-1	62.96	47.32	47.99	52.76	16.77	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34907.73	33840.76	34035.10	34261.20	1.66	ppb
Antimony	121-1	1.78	2.18	1.99	1.98	10.24	ppb
Arsenic	75-2	20.04	19.74	19.76	19.85	0.85	ppb
Barium	135-1	103.53	130.21	114.31	116.01	11.57	ppb
Barium	137-1	109.59	134.19	118.53	120.77	10.31	ppb
Beryllium	9-1	0.54	0.71	0.67	0.64	14.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				84		%
Boron	10-1	16.05	17.79	16.85	16.90	5.17	ppb
Boron	11-1	16.83	21.13	19.41	19.12	11.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.77	0.66	0.60	33.00	ppb
Cadmium	106-1	-2.24	-0.94	0.99	-0.73		ppb
Cadmium	108-1	1.84	2.53	2.48	2.28	16.87	ppb
Calcium	43-1	100439.31	118914.38	107543.23	108965.64	8.55	ppb
Calcium	44-1	98597.70	118732.16	106878.73	108069.53	9.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.03	118.87	120.64	119.18	1.12	ppb
Cobalt	59-2	47.41	48.61	48.48	48.17	1.36	ppb
Copper	63-2	270.85	272.31	273.66	272.27	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				83		%
Indium	115-1				95		%
Indium	115-2				74		%
Iron	54-2	88301.09	85169.39	87532.82	87001.10	1.88	ppb
Iron	56-2	86794.00	89019.99	88366.62	88060.20	1.30	ppb
Iron	57-2	89029.81	89290.56	92083.87	90134.75	1.88	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	43.49	52.68	46.33	47.50	9.90	ppb
Lead	207-1	40.26	48.80	43.85	44.30	9.68	ppb
Lead	208-1	41.35	50.18	44.08	45.20	10.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	24272.60	24301.92	24405.30	24326.61	0.29	ppb
Manganese	55-2	1418.26	1422.40	1408.87	1416.51	0.49	ppb
Molybdenum	94-1	25.70	30.33	26.50	27.51	9.00	ppb
Molybdenum	95-1	5.44	6.79	6.06	6.10	11.11	ppb
Molybdenum	96-1	8.04	10.14	8.63	8.93	12.14	ppb
Molybdenum	97-1	5.53	6.91	5.96	6.14	11.47	ppb
Molybdenum	98-1	5.35	6.62	5.98	5.98	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.10	489.42	490.14	486.55	1.15	ppb
Phosphorus	31-2	1005.04	1066.99	1020.52	1030.85	3.13	ppb
Potassium	39-2	1241.16	1230.71	1217.85	1229.91	0.95	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				72		%
Selenium	82-1	0.87	1.17	0.95	1.00	15.67	ppb
Selenium	77-2	13.18	10.48	6.21	9.96	35.31	ppb
Selenium	78-2	4.56	3.57	3.31	3.81	17.32	ppb
Silicon	28-1	618.70	1076.62	653.06	782.79	32.58	ppb
Silver	107-1	0.30	0.37	0.30	0.32	11.78	ppb
Silver	109-1	0.30	0.37	0.32	0.33	12.45	ppb
Sodium	23-2	1205.60	1205.15	1199.58	1203.44	0.28	ppb
Strontium	86-1	373.91	461.04	399.84	411.60	10.87	ppb
Strontium	88-1	363.13	478.03	395.75	412.31	14.36	ppb
Sulfur	34-1	-803.91	1315.79	-1.31	170.19	628.84	ppb
Terbium	159-1				101		%
Terbium	159-2				84		%
Thallium	203-1	0.05	0.07	0.08	0.07	21.73	ppb
Thallium	205-1	0.08	0.08	0.06	0.07	16.25	ppb
Tin	118-1	5.01	5.87	5.31	5.40	8.10	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1822.48	2260.93	1983.53	2022.31	10.97	ppb
Uranium	238-1	0.85	0.94	0.90	0.90	5.14	ppb
Vanadium	51-2	1201.32	1206.16	1212.23	1206.57	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				74		%
Zinc	66-2	647.36	635.77	644.90	642.68	0.95	ppb
Zirconium	90-1	11.73	14.19	12.43	12.78	9.94	ppb
Zirconium	91-1	11.97	14.23	12.62	12.94	8.96	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2914.75	2878.07	2775.91	2856.24	2.52	ppb
Antimony	121-1	0.15	0.19	0.17	0.17	13.31	ppb
Arsenic	75-2	2.25	2.27	1.95	2.16	8.32	ppb
Barium	135-1	7.53	8.06	7.76	7.78	3.43	ppb
Barium	137-1	7.74	8.07	8.16	7.99	2.79	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	3.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				83		%
Boron	10-1	6.91	6.86	6.20	6.66	6.00	ppb
Boron	11-1	7.40	7.09	7.30	7.26	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.09	-0.17	-0.18		ppb
Cadmium	106-1	-4.76	-2.52	-3.42	-3.57		ppb
Cadmium	108-1	0.20	0.10	0.03	0.11	77.82	ppb
Calcium	43-1	16030.69	16117.86	15421.91	15856.82	2.39	ppb
Calcium	44-1	15965.50	16084.18	15573.79	15874.49	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.59	11.46	10.90	11.32	3.24	ppb
Cobalt	59-2	4.52	4.33	4.00	4.28	6.15	ppb
Copper	63-2	17.45	17.52	17.03	17.33	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				100		%
Holmium	165-2				83		%
Indium	115-1				96		%
Indium	115-2				75		%
Iron	54-2	7858.92	7723.56	7451.25	7677.91	2.70	ppb
Iron	56-2	8215.54	8279.23	7794.62	8096.47	3.25	ppb
Iron	57-2	7900.72	7969.52	7575.92	7815.39	2.69	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.37	7.41	7.24	7.34	1.22	ppb
Lead	207-1	7.00	6.85	6.58	6.81	3.09	ppb
Lead	208-1	7.08	7.08	6.85	7.00	1.88	ppb
Lithium	6-1				85		%
Magnesium	24-2	2580.84	2620.44	2503.26	2568.18	2.32	ppb
Manganese	55-2	134.11	139.12	132.38	135.20	2.59	ppb
Molybdenum	94-1	2.26	2.19	1.87	2.11	9.95	ppb
Molybdenum	95-1	0.52	0.60	0.51	0.54	9.32	ppb
Molybdenum	96-1	0.62	0.82	0.67	0.70	14.40	ppb
Molybdenum	97-1	0.52	0.50	0.54	0.52	3.60	ppb
Molybdenum	98-1	0.47	0.54	0.51	0.51	7.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.06	57.34	54.21	55.87	2.82	ppb
Phosphorus	31-2	83.69	74.68	63.73	74.04	13.50	ppb
Potassium	39-2	95.96	102.85	83.78	94.20	10.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				73		%
Selenium	82-1	0.33	0.33	0.04	0.24	70.67	ppb
Selenium	77-2	2.02	1.03	0.00	1.02	99.56	ppb
Selenium	78-2	1.08	1.14	1.32	1.18	10.43	ppb
Silicon	28-1	79.30	92.85	76.78	82.98	10.42	ppb
Silver	107-1	-0.02	0.00	-0.02	-0.01		ppb
Silver	109-1	0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	152.54	146.92	150.67	150.04	1.91	ppb
Strontium	86-1	54.90	54.89	55.09	54.96	0.20	ppb
Strontium	88-1	54.18	56.13	54.66	54.99	1.85	ppb
Sulfur	34-1	-132.84	-323.34	-436.64	-297.61		ppb
Terbium	159-1				96		%
Terbium	159-2				83		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.39	0.38	0.35	0.37	5.40	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	158.71	155.60	149.73	154.68	2.95	ppb
Uranium	238-1	0.09	0.10	0.08	0.09	8.31	ppb
Vanadium	51-2	201.87	208.34	195.86	202.02	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				75		%
Zinc	66-2	58.65	62.61	56.58	59.28	5.17	ppb
Zirconium	90-1	0.84	0.92	0.95	0.91	6.58	ppb
Zirconium	91-1	0.90	0.95	0.85	0.90	5.32	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51290.70	50632.92	49760.97	50561.53	1.52	ppb
Antimony	121-1	473.75	468.80	451.27	464.61	2.54	ppb
Arsenic	75-2	495.17	487.83	485.82	489.61	1.01	ppb
Barium	135-1	2478.06	2447.37	2340.93	2422.12	2.97	ppb
Barium	137-1	2451.56	2445.89	2338.36	2411.94	2.64	ppb
Beryllium	9-1	457.55	458.90	437.49	451.31	2.66	ppb
Bismuth	209-1				90		%
Bismuth	209-2				78		%
Boron	10-1	443.63	469.59	465.74	459.65	3.05	ppb
Boron	11-1	477.26	510.13	511.97	499.78	3.91	ppb
Bromine	81-1						cps
Cadmium	111-1	457.04	455.20	454.17	455.47	0.32	ppb
Cadmium	106-1	466.79	455.13	460.62	460.85	1.27	ppb
Cadmium	108-1	471.23	460.84	469.26	467.11	1.18	ppb
Calcium	43-1	226507.47	222078.03	233054.18	227213.23	2.43	ppb
Calcium	44-1	222148.33	228098.79	228886.71	226377.94	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.48	500.14	477.82	495.81	3.28	ppb
Cobalt	59-2	516.31	513.72	500.39	510.14	1.67	ppb
Copper	63-2	5298.86	5307.19	5175.87	5260.64	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				84		%
Indium	115-1				91		%
Indium	115-2				75		%
Iron	54-2	130809.94	128108.30	124481.14	127799.79	2.48	ppb
Iron	56-2	132459.29	129484.61	124727.81	128890.57	3.03	ppb
Iron	57-2	133111.81	135836.66	130303.12	133083.86	2.08	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2470.29	2509.11	2538.36	2505.92	1.36	ppb
Lead	207-1	2441.99	2491.73	2568.27	2500.66	2.54	ppb
Lead	208-1	2464.01	2480.31	2516.09	2486.81	1.07	ppb
Lithium	6-1				83		%
Magnesium	24-2	265275.47	268280.51	247228.14	260261.37	4.38	ppb
Manganese	55-2	4948.89	4906.03	4718.87	4857.93	2.52	ppb
Molybdenum	94-1	5012.93	4801.61	4860.87	4891.81	2.23	ppb
Molybdenum	95-1	4947.47	4817.92	4839.62	4868.33	1.43	ppb
Molybdenum	96-1	4925.97	4791.09	4758.65	4825.24	1.84	ppb
Molybdenum	97-1	4865.57	4855.72	4826.27	4849.19	0.42	ppb
Molybdenum	98-1	4857.74	4790.86	4831.77	4826.79	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.74	519.24	505.61	517.20	2.07	ppb
Phosphorus	31-2	10097.66	9483.96	9185.64	9589.09	4.85	ppb
Potassium	39-2	127319.69	126490.57	122680.54	125496.94	1.97	ppb
Rhodium	103-1				85		%
Rhodium	103-2				75		%
Scandium	45-1				86		%
Scandium	45-2				74		%
Selenium	82-1	502.75	478.96	489.06	490.26	2.44	ppb
Selenium	77-2	489.48	476.45	463.71	476.54	2.70	ppb
Selenium	78-2	483.43	482.40	484.67	483.50	0.23	ppb
Silicon	28-1	429.69	457.46	472.88	453.35	4.83	ppb
Silver	107-1	467.17	464.02	451.14	460.78	1.84	ppb
Silver	109-1	473.43	465.94	456.93	465.43	1.77	ppb
Sodium	23-2	264952.22	270941.49	259298.87	265064.20	2.20	ppb
Strontium	86-1	12586.22	11854.85	11913.45	12118.17	3.35	ppb
Strontium	88-1	12743.60	11736.97	12118.17	12199.58	4.17	ppb
Sulfur	34-1	11033.45	10336.81	10723.86	10698.04	3.26	ppb
Terbium	159-1				97		%
Terbium	159-2				84		%
Thallium	203-1	497.45	495.45	516.68	503.19	2.33	ppb
Thallium	205-1	481.80	483.22	500.57	488.53	2.14	ppb
Tin	118-1	463.82	477.14	455.42	465.46	2.35	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4812.55	4928.21	5017.68	4919.48	2.09	ppb
Uranium	238-1	494.72	506.10	492.87	497.90	1.44	ppb
Vanadium	51-2	509.43	510.70	476.68	498.94	3.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	4944.43	4987.59	4819.58	4917.20	1.77	ppb
Zirconium	90-1	493.90	488.30	490.14	490.78	0.58	ppb
Zirconium	91-1	482.82	459.72	474.56	472.37	2.48	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	0.83	1.21	0.97	21.34	ppb
Antimony	121-1	0.07	0.06	0.09	0.07	19.77	ppb
Arsenic	75-2	0.02	0.01	-0.01	0.01	165.12	ppb
Barium	135-1	0.04	0.03	0.00	0.02	86.60	ppb
Barium	137-1	0.04	-0.01	0.01	0.01	204.54	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	26.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				84		%
Boron	10-1	12.44	10.81	10.88	11.38	8.06	ppb
Boron	11-1	14.35	12.58	11.45	12.79	11.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.28	-0.25	-0.21		ppb
Cadmium	106-1	-1.67	-3.77	-3.87	-3.10		ppb
Cadmium	108-1	0.02	0.07	-0.18	-0.03		ppb
Calcium	43-1	5.00	0.58	-0.76	1.60	187.89	ppb
Calcium	44-1	6.57	0.47	1.15	2.73	122.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.03	0.02	115.16	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.33	0.33	0.41	0.36	13.30	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				95		%
Holmium	165-2				84		%
Indium	115-1				89		%
Indium	115-2				77		%
Iron	54-2	3.91	3.18	2.78	3.29	17.43	ppb
Iron	56-2	2.88	3.18	3.81	3.29	14.44	ppb
Iron	57-2	2.00	4.74	4.87	3.87	41.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.02	0.03	43.81	ppb
Lead	207-1	0.05	-0.02	-0.03	0.00		ppb
Lead	208-1	0.05	0.00	0.00	0.02	178.69	ppb
Lithium	6-1				83		%
Magnesium	24-2	2.11	4.84	3.45	3.47	39.36	ppb
Manganese	55-2	0.15	0.15	0.15	0.15	1.59	ppb
Molybdenum	94-1	0.22	0.16	0.11	0.16	35.17	ppb
Molybdenum	95-1	0.26	0.13	0.14	0.18	40.05	ppb
Molybdenum	96-1	0.22	0.13	0.11	0.15	37.17	ppb
Molybdenum	97-1	0.20	0.09	0.16	0.15	38.70	ppb
Molybdenum	98-1	0.23	0.14	0.13	0.17	34.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00		ppb
Phosphorus	31-2	-18.61	-18.52	-7.31	-14.81		ppb
Potassium	39-2	18.58	23.82	19.02	20.47	14.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				75		%
Selenium	82-1	0.34	0.39	-0.01	0.24	92.27	ppb
Selenium	77-2	0.00	1.03	0.00	0.34	173.21	ppb
Selenium	78-2	0.79	0.31	0.82	0.64	45.01	ppb
Silicon	28-1	8.11	-6.70	-4.78	-1.12		ppb
Silver	107-1	0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.02	0.00	-0.01		ppb
Sodium	23-2	28.79	28.32	29.52	28.88	2.09	ppb
Strontium	86-1	0.07	0.09	0.07	0.08	13.09	ppb
Strontium	88-1	0.15	0.08	0.09	0.11	35.53	ppb
Sulfur	34-1	492.78	-847.18	-767.24	-373.88		ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.03	0.00	0.02	91.82	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	46.75	ppb
Tin	118-1	-0.05	-0.03	-0.05	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.07	0.05	0.12	85.34	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	97.20	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	61.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				76		%
Zinc	66-2	0.42	0.14	0.17	0.25	62.37	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	35.31	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	157.44	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.97	0.44	0.68	39.34	ppb
Antimony	121-1	0.01	0.01	0.04	0.02	59.77	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.01	0.00	134.66	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	11.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	8.11	8.70	8.14	8.32	4.01	ppb
Boron	11-1	9.14	9.20	8.20	8.85	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.14	-0.35	-0.23		ppb
Cadmium	106-1	-2.97	-1.97	-4.97	-3.31		ppb
Cadmium	108-1	-0.18	-0.18	-0.11	-0.15		ppb
Calcium	43-1	-0.38	-1.46	-0.78	-0.87		ppb
Calcium	44-1	0.43	-1.51	-1.27	-0.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.08	0.03	0.06	46.15	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.28	0.27	0.30	0.28	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				83		%
Indium	115-1				93		%
Indium	115-2				77		%
Iron	54-2	2.98	2.36	2.17	2.50	16.89	ppb
Iron	56-2	1.90	2.00	1.89	1.93	3.30	ppb
Iron	57-2	0.13	4.28	1.97	2.13	97.94	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	34.86	ppb
Lead	207-1	-0.02	-0.01	-0.03	-0.02		ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1				83		%
Magnesium	24-2	0.26	0.86	0.73	0.62	51.88	ppb
Manganese	55-2	0.07	0.01	0.06	0.05	62.32	ppb
Molybdenum	94-1	0.06	0.05	0.01	0.04	61.92	ppb
Molybdenum	95-1	0.09	0.06	0.07	0.07	21.00	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	22.30	ppb
Molybdenum	97-1	0.07	0.04	0.03	0.05	52.24	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	22.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.00	0.00	380.72	ppb
Phosphorus	31-2	-32.60	-21.41	-32.07	-28.69		ppb
Potassium	39-2	19.15	31.30	24.58	25.01	24.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				74		%
Selenium	82-1	0.11	0.63	0.23	0.32	84.94	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.57	0.11	-0.25	-0.24		ppb
Silicon	28-1	-3.59	-7.09	-3.37	-4.68		ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	0.00	-0.01	0.00	-0.01		ppb
Sodium	23-2	18.58	18.69	17.29	18.18	4.26	ppb
Strontium	86-1	0.07	-0.01	-0.03	0.01	664.13	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	73.68	ppb
Sulfur	34-1	-373.40	-735.38	-543.51	-550.76		ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.06	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.10	0.03	0.06	55.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.01	0.01	0.02	49.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				75		%
Zinc	66-2	-0.03	-0.01	-0.26	-0.10		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	271.73	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10392.50	10176.91	9935.11	10168.18	2.25	ppb
Antimony	121-1	506.29	509.25	508.75	508.10	0.31	ppb
Arsenic	75-2	512.03	504.24	502.18	506.15	1.03	ppb
Barium	135-1	2469.46	2549.06	2472.81	2497.11	1.80	ppb
Barium	137-1	2501.37	2556.62	2433.00	2496.99	2.48	ppb
Beryllium	9-1	477.22	478.00	472.64	475.96	0.61	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	439.97	471.37	495.11	468.81	5.90	ppb
Boron	11-1	488.04	513.86	538.16	513.35	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	495.77	513.14	508.65	505.85	1.78	ppb
Cadmium	106-1	491.31	525.99	502.62	506.64	3.49	ppb
Cadmium	108-1	498.75	515.91	502.59	505.75	1.78	ppb
Calcium	43-1	52111.84	51801.14	51565.30	51826.09	0.53	ppb
Calcium	44-1	49567.16	49171.66	49206.11	49314.97	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.37	493.49	490.52	500.13	2.83	ppb
Cobalt	59-2	522.85	514.65	495.54	511.01	2.74	ppb
Copper	63-2	5585.65	5275.19	5087.75	5316.20	4.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	54-2	28843.92	27900.57	27206.00	27983.50	2.94	ppb
Iron	56-2	28031.14	27418.02	26642.17	27363.78	2.54	ppb
Iron	57-2	27414.00	26361.67	25683.42	26486.36	3.29	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2526.13	2528.01	2542.16	2532.10	0.35	ppb
Lead	207-1	2473.99	2539.42	2547.41	2520.27	1.60	ppb
Lead	208-1	2477.14	2503.11	2511.46	2497.24	0.72	ppb
Lithium	6-1				83		%
Magnesium	24-2	55155.24	54961.19	53302.00	54472.81	1.87	ppb
Manganese	55-2	5226.42	5112.21	4777.07	5038.57	4.64	ppb
Molybdenum	94-1	4932.89	4799.10	4908.78	4880.26	1.46	ppb
Molybdenum	95-1	4925.95	4873.14	4905.96	4901.68	0.54	ppb
Molybdenum	96-1	4784.61	4967.67	4872.45	4874.91	1.88	ppb
Molybdenum	97-1	4926.31	4893.08	4805.33	4874.91	1.28	ppb
Molybdenum	98-1	5011.77	4861.42	4822.69	4898.63	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.73	530.26	509.42	527.47	3.19	ppb
Phosphorus	31-2	9887.07	9851.19	9570.28	9769.51	1.78	ppb
Potassium	39-2	26605.59	25702.36	25702.30	26003.42	2.01	ppb
Rhodium	103-1				87		%
Rhodium	103-2				78		%
Scandium	45-1				86		%
Scandium	45-2				75		%
Selenium	82-1	497.24	497.91	497.70	497.62	0.07	ppb
Selenium	77-2	509.86	440.27	465.54	471.89	7.47	ppb
Selenium	78-2	495.64	488.80	489.80	491.41	0.75	ppb
Silicon	28-1	460.40	495.35	528.25	494.67	6.86	ppb
Silver	107-1	504.26	515.74	513.79	511.27	1.20	ppb
Silver	109-1	499.75	523.09	505.64	509.49	2.38	ppb
Sodium	23-2	54718.12	55063.57	51310.96	53697.55	3.86	ppb
Strontium	86-1	12502.78	12309.44	12015.18	12275.80	2.00	ppb
Strontium	88-1	12397.84	12137.44	11883.67	12139.65	2.12	ppb
Sulfur	34-1	11546.73	10960.62	10730.67	11079.34	3.80	ppb
Terbium	159-1				95		%
Terbium	159-2				83		%
Thallium	203-1	508.52	497.45	511.49	505.82	1.46	ppb
Thallium	205-1	489.74	506.30	510.28	502.11	2.17	ppb
Tin	118-1	502.73	512.13	499.85	504.90	1.27	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5020.54	5016.92	5038.47	5025.31	0.23	ppb
Uranium	238-1	468.74	484.82	492.31	481.96	2.50	ppb
Vanadium	51-2	520.52	501.75	482.75	501.67	3.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	5250.80	5143.97	4991.82	5128.86	2.54	ppb
Zirconium	90-1	492.04	487.79	492.41	490.75	0.52	ppb
Zirconium	91-1	474.31	479.93	461.93	472.06	1.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.72	47.52	55.08	52.44	8.13	ppb
Antimony	121-1	0.56	0.64	0.68	0.62	10.02	ppb
Arsenic	75-2	1.25	1.33	1.40	1.32	5.63	ppb
Barium	135-1	13.65	14.56	14.35	14.18	3.34	ppb
Barium	137-1	14.50	14.84	14.35	14.56	1.74	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	28.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	57.36	49.69	44.23	50.43	13.09	ppb
Boron	11-1	58.40	53.17	45.93	52.50	11.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.79	0.51	0.61	24.96	ppb
Cadmium	106-1	-2.55	0.26	-2.83	-1.71		ppb
Cadmium	108-1	1.46	1.44	0.90	1.27	24.92	ppb
Calcium	43-1	5783.91	5942.39	6028.72	5918.34	2.10	ppb
Calcium	44-1	6107.99	6305.25	6401.15	6271.47	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.70	0.49	0.63	0.60	17.53	ppb
Cobalt	59-2	0.33	0.30	0.38	0.33	11.72	ppb
Copper	63-2	10.92	9.95	11.41	10.76	6.91	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				100		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				84		%
Iron	54-2	2026.50	1784.89	2034.16	1948.52	7.27	ppb
Iron	56-2	2105.47	1944.37	2136.59	2062.14	5.00	ppb
Iron	57-2	2014.26	1871.13	2068.16	1984.52	5.13	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.34	19.49	19.52	19.45	0.50	ppb
Lead	207-1	17.75	17.82	18.19	17.92	1.31	ppb
Lead	208-1	18.28	18.44	18.55	18.43	0.74	ppb
Lithium	6-1				84		%
Magnesium	24-2	130.54	114.73	128.46	124.58	6.90	ppb
Manganese	55-2	28.24	25.55	29.10	27.63	6.70	ppb
Molybdenum	94-1	3.82	3.87	3.84	3.84	0.61	ppb
Molybdenum	95-1	4.18	4.17	4.06	4.14	1.56	ppb
Molybdenum	96-1	3.99	4.19	4.12	4.10	2.44	ppb
Molybdenum	97-1	4.30	4.13	4.13	4.18	2.37	ppb
Molybdenum	98-1	4.17	4.05	3.98	4.07	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.46	1.68	1.60	7.89	ppb
Phosphorus	31-2	8263.13	7618.19	8483.82	8121.71	5.54	ppb
Potassium	39-2	44257.06	40912.45	44255.83	43141.78	4.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	82-1	0.63	1.46	1.66	1.25	43.58	ppb
Selenium	77-2	0.00	3.47	3.85	2.44	86.94	ppb
Selenium	78-2	3.61	2.83	4.37	3.60	21.29	ppb
Silicon	28-1	519.69	565.84	589.18	558.23	6.33	ppb
Silver	107-1	0.47	0.02	0.04	0.18	141.14	ppb
Silver	109-1	0.13	0.06	0.04	0.08	64.14	ppb
Sodium	23-2	771.20	701.53	767.65	746.80	5.25	ppb
Strontium	86-1	11.09	11.55	10.65	11.10	4.05	ppb
Strontium	88-1	11.04	11.56	11.29	11.30	2.34	ppb
Sulfur	34-1	620.77	991.94	911.30	841.33	23.20	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.05	0.01	0.04	61.34	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	9.76	ppb
Tin	118-1	0.82	0.78	0.82	0.81	2.88	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.52	5.71	6.62	6.28	7.94	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	23.62	ppb
Vanadium	51-2	0.14	0.15	0.25	0.18	31.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				83		%
Zinc	66-2	1049.40	944.61	1064.69	1019.57	6.41	ppb
Zirconium	90-1	0.15	0.15	0.34	0.21	52.42	ppb
Zirconium	91-1	0.13	0.14	0.29	0.18	49.12	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85.49	77.40	86.18	83.02	5.88	ppb
Antimony	121-1	1.03	1.11	1.19	1.11	7.42	ppb
Arsenic	75-2	14.06	13.59	14.85	14.17	4.51	ppb
Barium	135-1	1.88	1.68	1.93	1.83	7.31	ppb
Barium	137-1	1.93	1.83	1.64	1.80	8.25	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	28.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	148.87	157.49	149.61	151.99	3.14	ppb
Boron	11-1	160.53	170.92	165.89	165.78	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.13	-0.08	-0.12		ppb
Cadmium	106-1	-2.87	-2.50	-1.29	-2.22		ppb
Cadmium	108-1	0.79	0.47	0.46	0.57	32.79	ppb
Calcium	43-1	139.32	140.07	133.31	137.57	2.69	ppb
Calcium	44-1	1015.14	1066.81	1043.93	1041.96	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.65	0.62	0.63	2.23	ppb
Cobalt	59-2	0.13	0.11	0.13	0.12	6.89	ppb
Copper	63-2	8.56	8.10	7.80	8.15	4.69	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				112		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	54-2	327.71	293.05	288.08	302.95	7.13	ppb
Iron	56-2	325.15	302.63	302.19	309.99	4.24	ppb
Iron	57-2	326.41	295.14	295.08	305.54	5.91	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.52	0.52	0.55	0.53	2.85	ppb
Lead	207-1	0.47	0.50	0.44	0.47	6.62	ppb
Lead	208-1	0.50	0.54	0.49	0.51	4.22	ppb
Lithium	6-1				94		%
Magnesium	24-2	31.71	33.28	30.86	31.95	3.85	ppb
Manganese	55-2	10.20	9.53	9.27	9.66	4.96	ppb
Molybdenum	94-1	1.58	1.59	1.42	1.53	6.24	ppb
Molybdenum	95-1	1.57	1.57	1.38	1.51	6.99	ppb
Molybdenum	96-1	1.28	1.17	0.95	1.13	15.12	ppb
Molybdenum	97-1	1.26	1.37	1.13	1.25	9.36	ppb
Molybdenum	98-1	1.16	1.15	1.13	1.15	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.81	0.82	0.87	11.38	ppb
Phosphorus	31-2	295067.25	263526.70	267114.56	275236.17	6.27	ppb
Potassium	39-2	626753.82	566129.21	585266.26	592716.43	5.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	82-1	18.64	23.15	22.30	21.36	11.21	ppb
Selenium	77-2	23.04	23.67	20.92	22.55	6.39	ppb
Selenium	78-2	30.12	25.85	26.12	27.37	8.73	ppb
Silicon	28-1	3035.65	3009.36	3004.68	3016.56	0.55	ppb
Silver	107-1	0.03	-0.02	-0.02	0.00		ppb
Silver	109-1	2.11	-0.01	0.00	0.70	174.85	ppb
Sodium	23-2	3582.89	3314.00	3299.57	3398.82	4.69	ppb
Strontium	86-1	1.04	0.99	0.80	0.94	13.57	ppb
Strontium	88-1	1.12	1.07	0.98	1.06	6.36	ppb
Sulfur	34-1	-1061.84	-1707.07	-2143.97	-1637.62		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	-0.01	0.00	2662.57	ppb
Thallium	205-1	0.01	0.01	-0.02	0.00		ppb
Tin	118-1	0.09	0.06	0.11	0.09	33.93	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	162.61	160.62	146.76	156.66	5.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	37.35	ppb
Vanadium	51-2	0.36	0.37	0.31	0.35	9.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				91		%
Zinc	66-2	13.89	14.14	13.29	13.77	3.19	ppb
Zirconium	90-1	0.21	0.26	0.24	0.24	8.80	ppb
Zirconium	91-1	0.26	0.23	0.21	0.23	10.61	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	223.12	220.04	220.12	221.09	0.79	ppb
Antimony	121-1	0.96	0.98	0.97	0.97	1.09	ppb
Arsenic	75-2	4.67	4.98	4.89	4.85	3.33	ppb
Barium	135-1	6.42	6.04	6.38	6.28	3.28	ppb
Barium	137-1	6.10	6.92	6.87	6.63	6.93	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	17.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	945.88	1080.12	1059.68	1028.56	7.03	ppb
Boron	11-1	973.22	1070.17	1108.71	1050.70	6.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.07	-0.18	-0.04		ppb
Cadmium	106-1	-1.58	-0.99	-3.65	-2.07		ppb
Cadmium	108-1	0.63	0.20	0.43	0.42	50.57	ppb
Calcium	43-1	1228.59	1210.20	1251.08	1229.96	1.66	ppb
Calcium	44-1	1606.96	1607.98	1658.65	1624.53	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.47	1.58	1.50	1.52	3.56	ppb
Cobalt	59-2	0.71	0.75	0.76	0.74	3.21	ppb
Copper	63-2	15.65	15.33	15.64	15.54	1.15	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				109		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	54-2	3976.11	3873.09	3849.98	3899.73	1.72	ppb
Iron	56-2	4100.21	4042.86	4063.12	4068.73	0.71	ppb
Iron	57-2	3963.94	3874.87	3887.38	3908.73	1.23	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.83	12.58	13.14	12.52	5.27	ppb
Lead	207-1	11.41	12.01	12.32	11.91	3.87	ppb
Lead	208-1	11.56	12.19	12.59	12.11	4.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	6022.05	5715.49	5725.45	5821.00	2.99	ppb
Manganese	55-2	28.16	27.82	27.34	27.77	1.48	ppb
Molybdenum	94-1	0.84	0.94	1.01	0.93	9.36	ppb
Molybdenum	95-1	0.73	0.75	0.71	0.73	2.58	ppb
Molybdenum	96-1	0.76	0.79	0.85	0.80	5.60	ppb
Molybdenum	97-1	0.68	0.69	0.82	0.73	10.87	ppb
Molybdenum	98-1	0.73	0.75	0.73	0.74	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.57	1.60	1.63	4.61	ppb
Phosphorus	31-2	3048.64	2926.27	2835.70	2936.87	3.64	ppb
Potassium	39-2	18939.04	19450.78	18805.56	19065.13	1.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	82-1	9.09	11.32	12.46	10.96	15.68	ppb
Selenium	77-2	10.20	9.26	6.93	8.80	19.17	ppb
Selenium	78-2	11.82	14.86	13.79	13.49	11.44	ppb
Silicon	28-1	1339.82	1367.20	1349.37	1352.13	1.03	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.01	94.62	ppb
Sodium	23-2	1909.08	1855.76	1853.53	1872.79	1.68	ppb
Strontium	86-1	5.22	5.03	4.97	5.07	2.65	ppb
Strontium	88-1	5.01	5.21	5.15	5.12	1.99	ppb
Sulfur	34-1	-277.22	-518.60	-271.55	-355.79		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.20	0.25	0.19	0.22	15.44	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.23	11.33	11.45	11.67	4.17	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	5.56	ppb
Vanadium	51-2	0.96	0.87	0.93	0.92	5.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	532.33	531.28	528.71	530.78	0.35	ppb
Zirconium	90-1	0.17	0.20	0.23	0.20	13.57	ppb
Zirconium	91-1	0.24	0.26	0.20	0.23	11.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.63	77.90	82.65	79.73	3.21	ppb
Antimony	121-1	0.95	1.09	1.10	1.05	8.31	ppb
Arsenic	75-2	18.58	19.00	19.11	18.89	1.49	ppb
Barium	135-1	1.67	1.82	1.74	1.74	4.16	ppb
Barium	137-1	1.76	1.91	1.84	1.84	4.14	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	14.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	174.75	176.87	170.38	174.00	1.90	ppb
Boron	11-1	191.68	186.40	191.46	189.85	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	0.10	-0.24	-0.11		ppb
Cadmium	106-1	-2.99	0.40	-3.55	-2.05		ppb
Cadmium	108-1	0.44	0.28	0.64	0.45	39.88	ppb
Calcium	43-1	132.91	136.62	139.37	136.30	2.38	ppb
Calcium	44-1	995.52	1062.13	1110.11	1055.92	5.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.65	0.63	0.65	3.26	ppb
Cobalt	59-2	0.09	0.10	0.14	0.11	23.93	ppb
Copper	63-2	7.64	8.00	7.80	7.81	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	289.90	286.77	294.72	290.46	1.38	ppb
Iron	56-2	297.86	292.35	299.96	296.72	1.32	ppb
Iron	57-2	290.01	295.63	294.21	293.28	1.00	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.48	0.54	0.51	0.51	5.72	ppb
Lead	207-1	0.50	0.47	0.45	0.47	5.44	ppb
Lead	208-1	0.50	0.51	0.49	0.50	2.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	30.48	30.92	35.70	32.36	8.95	ppb
Manganese	55-2	8.91	8.95	9.05	8.97	0.80	ppb
Molybdenum	94-1	1.23	1.31	1.44	1.33	8.15	ppb
Molybdenum	95-1	1.07	1.21	1.26	1.18	8.17	ppb
Molybdenum	96-1	1.03	1.05	1.11	1.06	3.67	ppb
Molybdenum	97-1	1.05	1.13	1.09	1.09	3.30	ppb
Molybdenum	98-1	1.03	1.01	1.10	1.04	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.82	0.80	0.81	1.27	ppb
Phosphorus	31-2	271349.16	268005.18	267870.10	269074.81	0.73	ppb
Potassium	39-2	566574.63	560689.19	577606.70	568290.17	1.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	19.25	21.68	23.56	21.50	10.04	ppb
Selenium	77-2	27.82	22.55	27.64	26.00	11.50	ppb
Selenium	78-2	24.10	23.53	25.50	24.38	4.16	ppb
Silicon	28-1	2664.01	2838.24	2881.93	2794.73	4.13	ppb
Silver	107-1	-0.02	-0.02	-0.03	-0.02		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	3262.27	3170.71	3183.59	3205.52	1.55	ppb
Strontium	86-1	1.03	0.79	0.78	0.87	16.27	ppb
Strontium	88-1	1.00	0.98	0.97	0.98	1.56	ppb
Sulfur	34-1	-2276.86	-2326.34	-2394.67	-2332.62		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.12	0.13	0.08	0.11	21.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	135.68	133.86	139.38	136.31	2.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.32	0.34	0.38	0.35	8.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				97		%
Zinc	66-2	13.35	13.65	13.81	13.60	1.71	ppb
Zirconium	90-1	0.22	0.24	0.23	0.23	4.66	ppb
Zirconium	91-1	0.17	0.22	0.22	0.21	15.60	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.19	15.75	16.02	16.32	4.69	ppb
Antimony	121-1	0.19	0.22	0.25	0.22	14.98	ppb
Arsenic	75-2	1.24	1.17	1.12	1.18	5.08	ppb
Barium	135-1	0.35	0.40	0.46	0.40	13.29	ppb
Barium	137-1	0.35	0.37	0.46	0.40	15.30	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	60.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				90		%
Boron	10-1	48.96	44.39	46.29	46.55	4.93	ppb
Boron	11-1	53.24	48.48	50.62	50.78	4.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.32	-0.15	-0.18		ppb
Cadmium	106-1	-0.99	-4.61	-2.06	-2.56		ppb
Cadmium	108-1	0.36	0.11	0.44	0.30	57.48	ppb
Calcium	43-1	33.85	32.59	33.76	33.40	2.11	ppb
Calcium	44-1	313.87	324.33	327.10	321.77	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.16	0.22	0.19	17.91	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.72	ppb
Copper	63-2	1.98	1.86	1.80	1.88	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				91		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	54-2	68.23	66.01	60.49	64.91	6.14	ppb
Iron	56-2	67.48	64.41	62.71	64.87	3.73	ppb
Iron	57-2	61.51	65.05	67.57	64.71	4.70	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.09	0.08	14.58	ppb
Lead	207-1	0.06	0.07	0.08	0.07	18.02	ppb
Lead	208-1	0.07	0.06	0.08	0.07	15.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	7.43	5.43	6.09	6.32	16.14	ppb
Manganese	55-2	2.07	1.83	1.77	1.89	8.44	ppb
Molybdenum	94-1	0.26	0.27	0.38	0.30	20.92	ppb
Molybdenum	95-1	0.28	0.29	0.29	0.29	3.07	ppb
Molybdenum	96-1	0.23	0.22	0.23	0.23	2.16	ppb
Molybdenum	97-1	0.27	0.26	0.22	0.25	11.35	ppb
Molybdenum	98-1	0.22	0.25	0.27	0.24	9.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.29	0.37	0.36	16.95	ppb
Phosphorus	31-2	49271.34	46620.15	47002.71	47631.40	3.01	ppb
Potassium	39-2	124927.10	121162.04	121166.61	122418.58	1.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	82-1	7.64	7.13	7.66	7.48	4.05	ppb
Selenium	77-2	6.28	4.42	4.35	5.02	21.90	ppb
Selenium	78-2	8.42	8.01	8.39	8.27	2.80	ppb
Silicon	28-1	571.39	577.29	598.54	582.41	2.45	ppb
Silver	107-1	-0.02	-0.03	-0.03	-0.03		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	734.19	703.26	665.65	701.03	4.90	ppb
Strontium	86-1	0.16	0.19	0.18	0.18	8.31	ppb
Strontium	88-1	0.21	0.22	0.20	0.21	5.88	ppb
Sulfur	34-1	-2960.49	-2966.30	-2894.28	-2940.36		ppb
Terbium	159-1				105		%
Terbium	159-2				92		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.03	0.02	0.03	0.02	27.86	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.80	22.37	21.67	21.95	1.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.08	0.05	0.08	0.07	29.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				87		%
Zinc	66-2	4.02	3.56	3.32	3.63	9.86	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	11.64	ppb
Zirconium	91-1	0.04	0.04	0.01	0.03	43.18	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1044.54	1010.47	943.03	999.34	5.17	ppb
Antimony	121-1	55.99	52.54	51.21	53.25	4.63	ppb
Arsenic	75-2	72.93	75.21	70.44	72.86	3.27	ppb
Barium	135-1	252.15	239.67	233.92	241.91	3.85	ppb
Barium	137-1	259.05	245.27	241.46	248.59	3.72	ppb
Beryllium	9-1	49.06	47.22	45.83	47.37	3.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	155.71	158.46	152.46	155.54	1.93	ppb
Boron	11-1	167.59	171.56	163.12	167.42	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	54.26	51.04	50.41	51.90	3.99	ppb
Cadmium	106-1	52.03	44.91	46.48	47.81	7.83	ppb
Cadmium	108-1	54.79	47.35	47.45	49.86	8.56	ppb
Calcium	43-1	4897.54	4783.85	4623.28	4768.22	2.89	ppb
Calcium	44-1	5934.77	5809.00	5420.99	5721.59	4.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.83	46.29	44.03	46.05	4.15	ppb
Cobalt	59-2	49.84	48.28	44.78	47.63	5.44	ppb
Copper	63-2	512.46	501.38	465.46	493.10	4.98	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				110		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	2795.69	2660.29	2559.36	2671.78	4.44	ppb
Iron	56-2	2921.18	2711.54	2645.20	2759.30	5.22	ppb
Iron	57-2	2721.01	2706.35	2551.66	2659.67	3.53	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	225.59	218.58	216.59	220.25	2.15	ppb
Lead	207-1	224.18	219.68	213.11	218.99	2.54	ppb
Lead	208-1	232.39	224.14	219.25	225.26	2.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	5195.75	5086.78	4793.94	5025.49	4.13	ppb
Manganese	55-2	489.52	471.89	444.99	468.80	4.78	ppb
Molybdenum	94-1	237.70	234.65	224.81	232.38	2.90	ppb
Molybdenum	95-1	183.79	185.19	173.52	180.83	3.52	ppb
Molybdenum	96-1	188.54	187.63	179.88	185.35	2.57	ppb
Molybdenum	97-1	183.05	184.62	172.86	180.18	3.54	ppb
Molybdenum	98-1	183.83	182.29	170.92	179.01	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.94	49.65	46.67	49.08	4.46	ppb
Phosphorus	31-2	174557.24	168819.05	159089.37	167488.56	4.67	ppb
Potassium	39-2	392008.11	397133.90	381889.98	390344.00	1.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	74.81	79.06	76.78	76.88	2.76	ppb
Selenium	77-2	83.61	77.28	72.80	77.90	6.97	ppb
Selenium	78-2	79.71	79.03	78.29	79.01	0.90	ppb
Silicon	28-1	1653.43	1688.28	1672.44	1671.38	1.04	ppb
Silver	107-1	36.09	33.01	34.41	34.50	4.46	ppb
Silver	109-1	37.32	33.57	33.22	34.70	6.55	ppb
Sodium	23-2	7743.18	7530.98	7065.77	7446.64	4.65	ppb
Strontium	86-1	48.48	49.71	46.98	48.39	2.83	ppb
Strontium	88-1	48.58	48.48	47.51	48.19	1.23	ppb
Sulfur	34-1	-2180.14	-2356.73	-2549.65	-2362.17		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	46.28	46.64	44.73	45.89	2.22	ppb
Thallium	205-1	46.25	46.44	45.33	46.01	1.29	ppb
Tin	118-1	49.53	47.26	47.01	47.93	2.89	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	281.65	283.59	268.79	278.01	2.89	ppb
Uranium	238-1	45.94	45.83	44.34	45.37	1.97	ppb
Vanadium	51-2	49.01	49.26	45.65	47.97	4.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	502.51	500.94	470.52	491.33	3.67	ppb
Zirconium	90-1	46.99	47.68	45.62	46.76	2.24	ppb
Zirconium	91-1	45.78	47.70	44.21	45.90	3.81	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1075.26	1057.84	1053.50	1062.20	1.08	ppb
Antimony	121-1	54.58	56.96	54.64	55.39	2.45	ppb
Arsenic	75-2	78.10	77.57	76.15	77.27	1.30	ppb
Barium	135-1	255.63	250.00	249.49	251.70	1.35	ppb
Barium	137-1	258.01	257.97	251.14	255.71	1.55	ppb
Beryllium	9-1	48.80	47.20	47.39	47.80	1.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	161.20	153.40	153.83	156.14	2.81	ppb
Boron	11-1	168.31	166.09	172.22	168.87	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	54.18	56.04	52.40	54.21	3.36	ppb
Cadmium	106-1	56.49	51.98	51.46	53.31	5.19	ppb
Cadmium	108-1	52.06	52.37	50.96	51.80	1.44	ppb
Calcium	43-1	5036.07	4833.59	5056.65	4975.43	2.48	ppb
Calcium	44-1	6039.11	5817.51	6256.21	6037.61	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.51	49.19	49.86	49.52	0.68	ppb
Cobalt	59-2	50.57	50.24	50.19	50.33	0.42	ppb
Copper	63-2	524.12	511.98	524.17	520.09	1.35	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				113		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				94		%
Iron	54-2	2884.84	2842.00	2836.67	2854.50	0.93	ppb
Iron	56-2	2933.24	2902.23	2991.58	2942.35	1.54	ppb
Iron	57-2	2918.06	2842.39	2824.25	2861.57	1.74	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	235.00	230.51	242.14	235.88	2.49	ppb
Lead	207-1	228.67	230.36	231.10	230.05	0.54	ppb
Lead	208-1	239.14	237.44	242.10	239.56	0.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	5338.95	5279.83	5247.67	5288.82	0.88	ppb
Manganese	55-2	496.97	490.18	493.79	493.65	0.69	ppb
Molybdenum	94-1	248.08	248.57	240.70	245.78	1.79	ppb
Molybdenum	95-1	188.03	194.55	183.47	188.68	2.95	ppb
Molybdenum	96-1	195.52	195.81	193.12	194.82	0.76	ppb
Molybdenum	97-1	188.81	195.98	190.74	191.84	1.93	ppb
Molybdenum	98-1	191.02	191.65	187.90	190.19	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.54	51.52	51.37	51.48	0.18	ppb
Phosphorus	31-2	179513.08	181516.57	180955.09	180661.58	0.57	ppb
Potassium	39-2	429100.31	413327.07	408617.89	417015.09	2.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	80.93	90.82	89.09	86.95	6.07	ppb
Selenium	77-2	94.89	93.56	71.60	86.68	15.09	ppb
Selenium	78-2	93.27	89.93	94.89	92.70	2.73	ppb
Silicon	28-1	1728.76	1755.07	1910.02	1797.95	5.45	ppb
Silver	107-1	34.26	33.46	33.12	33.61	1.75	ppb
Silver	109-1	32.85	34.39	33.62	33.62	2.29	ppb
Sodium	23-2	7576.21	7737.26	7830.04	7714.50	1.66	ppb
Strontium	86-1	51.59	51.38	50.09	51.02	1.59	ppb
Strontium	88-1	51.46	51.80	49.81	51.02	2.09	ppb
Sulfur	34-1	-2146.22	-2430.17	-2119.48	-2231.96		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	49.24	47.54	49.70	48.83	2.33	ppb
Thallium	205-1	50.08	48.08	48.80	48.99	2.07	ppb
Tin	118-1	50.47	51.15	49.91	50.51	1.23	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	293.58	280.66	298.14	290.79	3.12	ppb
Uranium	238-1	47.07	48.46	48.44	47.99	1.66	ppb
Vanadium	51-2	51.85	50.23	50.85	50.98	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	513.07	506.29	505.62	508.33	0.81	ppb
Zirconium	90-1	49.97	51.64	49.36	50.32	2.35	ppb
Zirconium	91-1	49.45	50.08	48.39	49.31	1.74	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	959.59	979.93	1037.28	992.27	4.06	ppb
Antimony	121-1	55.21	54.77	56.68	55.56	1.80	ppb
Arsenic	75-2	66.11	68.79	75.21	70.04	6.68	ppb
Barium	135-1	257.90	252.63	262.07	257.53	1.84	ppb
Barium	137-1	267.29	258.22	264.02	263.17	1.75	ppb
Beryllium	9-1	48.13	48.00	49.27	48.46	1.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	142.83	150.77	158.77	150.79	5.29	ppb
Boron	11-1	152.84	163.89	172.55	163.09	6.06	ppb
Bromine	81-1						cps
Cadmium	111-1	55.12	55.59	54.39	55.03	1.10	ppb
Cadmium	106-1	53.26	52.02	52.72	52.67	1.18	ppb
Cadmium	108-1	52.74	54.59	53.76	53.70	1.72	ppb
Calcium	43-1	5068.62	5083.81	5114.17	5088.87	0.46	ppb
Calcium	44-1	6018.15	6171.19	5950.12	6046.48	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.65	44.82	48.97	46.15	5.30	ppb
Cobalt	59-2	45.43	46.24	48.48	46.71	3.39	ppb
Copper	63-2	469.69	485.84	510.69	488.74	4.23	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				115		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	2631.75	2594.59	2757.34	2661.23	3.20	ppb
Iron	56-2	2773.69	2704.77	2966.73	2815.06	4.82	ppb
Iron	57-2	2567.90	2618.25	2759.80	2648.65	3.76	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	235.18	233.23	234.80	234.40	0.44	ppb
Lead	207-1	232.67	233.66	230.55	232.29	0.69	ppb
Lead	208-1	240.95	239.96	241.04	240.65	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	4863.90	4834.37	5266.28	4988.18	4.84	ppb
Manganese	55-2	451.94	451.09	482.38	461.80	3.86	ppb
Molybdenum	94-1	249.16	251.67	252.45	251.09	0.68	ppb
Molybdenum	95-1	191.60	199.17	195.76	195.51	1.94	ppb
Molybdenum	96-1	199.83	205.53	202.12	202.49	1.42	ppb
Molybdenum	97-1	191.52	201.01	199.29	197.28	2.56	ppb
Molybdenum	98-1	188.74	196.88	195.98	193.87	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.17	47.48	51.07	48.57	4.47	ppb
Phosphorus	31-2	163793.50	165020.06	172983.50	167265.69	2.98	ppb
Potassium	39-2	380232.41	381933.62	400982.07	387716.04	2.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	78.21	85.95	90.54	84.90	7.34	ppb
Selenium	77-2	83.39	75.22	79.72	79.44	5.15	ppb
Selenium	78-2	74.84	82.70	85.92	81.15	7.03	ppb
Silicon	28-1	1663.81	1727.72	1865.98	1752.50	5.90	ppb
Silver	107-1	51.28	51.46	50.35	51.03	1.17	ppb
Silver	109-1	52.49	51.91	51.20	51.87	1.24	ppb
Sodium	23-2	7326.94	7279.76	7571.67	7392.79	2.12	ppb
Strontium	86-1	52.03	53.25	53.23	52.83	1.32	ppb
Strontium	88-1	52.39	53.28	52.54	52.74	0.91	ppb
Sulfur	34-1	-2402.83	-2533.46	-2419.36	-2451.88		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	48.33	49.79	48.71	48.94	1.55	ppb
Thallium	205-1	49.47	48.28	48.79	48.85	1.23	ppb
Tin	118-1	50.74	49.87	51.97	50.86	2.07	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	287.98	288.76	297.15	291.29	1.75	ppb
Uranium	238-1	48.65	48.56	47.13	48.11	1.78	ppb
Vanadium	51-2	45.09	46.94	49.88	47.30	5.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	468.31	472.86	501.82	481.00	3.78	ppb
Zirconium	90-1	51.02	50.57	50.88	50.82	0.45	ppb
Zirconium	91-1	49.86	49.35	49.64	49.62	0.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53103.89	50340.91	50393.51	51279.44	3.08	ppb
Antimony	121-1	598.46	506.70	469.41	524.85	12.65	ppb
Arsenic	75-2	517.40	498.67	496.76	504.27	2.26	ppb
Barium	135-1	2989.31	2607.01	2392.74	2663.02	11.35	ppb
Barium	137-1	3038.28	2569.93	2370.45	2659.56	12.89	ppb
Beryllium	9-1	507.79	499.11	450.35	485.75	6.37	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	497.45	509.39	466.65	491.16	4.49	ppb
Boron	11-1	519.24	551.73	493.57	521.51	5.59	ppb
Bromine	81-1						cps
Cadmium	111-1	561.80	501.48	460.44	507.91	10.04	ppb
Cadmium	106-1	557.73	509.29	472.68	513.23	8.31	ppb
Cadmium	108-1	576.88	514.47	469.83	520.39	10.33	ppb
Calcium	43-1	275269.11	235368.71	227679.54	246105.78	10.38	ppb
Calcium	44-1	269335.64	233826.80	226534.69	243232.38	9.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.27	477.01	465.85	482.71	4.21	ppb
Cobalt	59-2	538.23	519.98	504.62	520.94	3.23	ppb
Copper	63-2	5264.94	5103.27	5126.73	5164.98	1.69	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				93		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	54-2	128500.62	123657.50	123321.04	125159.72	2.32	ppb
Iron	56-2	131332.34	122593.14	124346.93	126090.81	3.67	ppb
Iron	57-2	136602.08	127221.84	126542.88	130122.27	4.32	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2951.53	2637.01	2421.47	2670.00	9.98	ppb
Lead	207-1	2886.64	2664.11	2396.90	2649.22	9.26	ppb
Lead	208-1	2908.64	2666.55	2396.35	2657.18	9.64	ppb
Lithium	6-1				88		%
Magnesium	24-2	265144.67	259380.48	251952.08	258825.74	2.56	ppb
Manganese	55-2	5033.28	4839.64	4741.26	4871.39	3.05	ppb
Molybdenum	94-1	5432.49	5054.34	4701.55	5062.80	7.22	ppb
Molybdenum	95-1	5534.60	5092.72	4814.68	5147.33	7.05	ppb
Molybdenum	96-1	5645.97	5189.11	4870.31	5235.13	7.45	ppb
Molybdenum	97-1	5439.80	5008.71	4829.57	5092.69	6.16	ppb
Molybdenum	98-1	5592.93	5015.84	4797.99	5135.59	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.51	495.57	498.54	506.87	3.37	ppb
Phosphorus	31-2	10062.70	9526.02	9540.90	9709.87	3.15	ppb
Potassium	39-2	132557.52	128466.90	125144.65	128723.03	2.88	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	578.20	522.03	485.05	528.43	8.88	ppb
Selenium	77-2	496.81	502.08	481.27	493.39	2.19	ppb
Selenium	78-2	522.86	497.60	503.55	508.00	2.60	ppb
Silicon	28-1	611.83	547.09	545.62	568.18	6.65	ppb
Silver	107-1	578.85	509.02	468.46	518.78	10.76	ppb
Silver	109-1	572.47	507.14	476.58	518.73	9.44	ppb
Sodium	23-2	269769.47	258852.76	258051.58	262224.61	2.50	ppb
Strontium	86-1	14472.12	12868.72	12045.35	13128.73	9.40	ppb
Strontium	88-1	14336.88	12653.64	12005.00	12998.51	9.26	ppb
Sulfur	34-1	14301.41	11439.25	10424.70	12055.12	16.68	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	609.12	561.21	494.78	555.04	10.35	ppb
Thallium	205-1	591.69	532.51	481.54	535.25	10.30	ppb
Tin	118-1	577.02	522.35	469.71	523.03	10.26	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5873.07	5030.31	4942.51	5281.97	9.73	ppb
Uranium	238-1	586.33	508.33	481.35	525.34	10.38	ppb
Vanadium	51-2	518.21	494.23	483.45	498.63	3.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	5205.93	4753.87	4818.07	4925.96	4.97	ppb
Zirconium	90-1	566.41	516.63	479.57	520.87	8.37	ppb
Zirconium	91-1	544.54	506.62	471.13	507.43	7.23	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.43	0.45	0.37	34.41	ppb
Antimony	121-1	0.05	0.08	0.05	0.06	26.33	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	24.04	ppb
Barium	135-1	0.04	0.02	0.01	0.02	68.94	ppb
Barium	137-1	0.05	0.00	0.01	0.02	130.92	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	31.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	7.89	7.49	7.34	7.57	3.68	ppb
Boron	11-1	8.64	8.37	8.26	8.42	2.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.31	-0.29	-0.34	-0.32		ppb
Cadmium	106-1	-4.37	-3.64	-4.51	-4.17		ppb
Cadmium	108-1	0.44	0.37	0.35	0.39	11.95	ppb
Calcium	43-1	5.74	-0.16	0.08	1.89	177.01	ppb
Calcium	44-1	19.83	15.98	14.12	16.65	17.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.04	0.03	31.91	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.23	0.19	0.17	0.20	14.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	54-2	2.45	1.00	2.74	2.07	45.03	ppb
Iron	56-2	1.50	1.36	1.45	1.44	5.10	ppb
Iron	57-2	1.31	3.04	4.44	2.93	53.53	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.05	-0.05	-0.04		ppb
Lead	207-1	-0.01	-0.06	-0.06	-0.04		ppb
Lead	208-1	0.00	-0.05	-0.06	-0.04		ppb
Lithium	6-1				91		%
Magnesium	24-2	1.05	1.50	2.31	1.62	39.48	ppb
Manganese	55-2	0.04	0.01	0.06	0.04	78.77	ppb
Molybdenum	94-1	0.25	0.08	0.07	0.13	77.74	ppb
Molybdenum	95-1	0.26	0.13	0.10	0.16	51.26	ppb
Molybdenum	96-1	0.16	0.09	0.07	0.11	44.52	ppb
Molybdenum	97-1	0.27	0.11	0.09	0.16	61.89	ppb
Molybdenum	98-1	0.24	0.12	0.08	0.15	55.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.09	0.11	0.10	10.03	ppb
Phosphorus	31-2	-9.27	-9.16	-19.97	-12.80		ppb
Potassium	39-2	46.06	49.67	34.85	43.53	17.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	0.85	1.21	0.66	0.91	30.96	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.97	2.26	1.48	1.91	20.59	ppb
Silicon	28-1	19.97	16.42	12.96	16.45	21.33	ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Silver	109-1	0.01	0.00	-0.01	0.00	1657.66	ppb
Sodium	23-2	13.43	13.13	14.89	13.82	6.81	ppb
Strontium	86-1	0.30	0.07	0.05	0.14	101.56	ppb
Strontium	88-1	0.28	0.07	0.04	0.13	98.87	ppb
Sulfur	34-1	-482.05	-534.65	-707.88	-574.86		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.09	0.00	0.08	98.12	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	270.40	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	0.16	-0.05	0.07	0.06	180.33	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	212.14	ppb
Zirconium	91-1	0.02	0.00	-0.02	0.00		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.10	9.61	8.21	8.97	7.89	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	5.53	ppb
Arsenic	75-2	0.20	0.09	0.16	0.15	39.92	ppb
Barium	135-1	0.22	0.13	0.18	0.18	24.88	ppb
Barium	137-1	0.23	0.20	0.17	0.20	16.02	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	3.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	18.73	18.76	17.46	18.32	4.06	ppb
Boron	11-1	20.31	20.38	19.59	20.09	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.06	-0.31	-0.16		ppb
Cadmium	106-1	-1.21	-0.74	-3.86	-1.94		ppb
Cadmium	108-1	0.68	0.33	0.56	0.52	34.00	ppb
Calcium	43-1	14.67	13.62	13.16	13.82	5.58	ppb
Calcium	44-1	131.78	133.46	130.49	131.91	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.09	0.04	0.07	41.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	164.23	ppb
Copper	63-2	1.06	0.88	0.85	0.93	12.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	32.30	32.05	30.09	31.48	3.85	ppb
Iron	56-2	33.98	33.28	29.52	32.26	7.44	ppb
Iron	57-2	32.46	30.44	30.32	31.07	3.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.00	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.02	-0.02	-0.01		ppb
Lead	208-1	0.00	0.01	-0.02	-0.01		ppb
Lithium	6-1				91		%
Magnesium	24-2	2.82	2.08	3.66	2.85	27.82	ppb
Manganese	55-2	1.00	1.01	0.89	0.96	6.73	ppb
Molybdenum	94-1	0.28	0.29	0.34	0.30	10.94	ppb
Molybdenum	95-1	0.16	0.18	0.15	0.16	9.24	ppb
Molybdenum	96-1	0.20	0.14	0.12	0.16	26.52	ppb
Molybdenum	97-1	0.12	0.15	0.10	0.12	18.02	ppb
Molybdenum	98-1	0.15	0.18	0.12	0.15	20.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.28	0.27	0.27	3.07	ppb
Phosphorus	31-2	23544.47	23433.31	20846.59	22608.12	6.75	ppb
Potassium	39-2	61665.48	63205.63	55830.07	60233.73	6.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	1.22	1.81	1.62	1.55	19.45	ppb
Selenium	77-2	1.63	0.00	1.41	1.01	87.28	ppb
Selenium	78-2	3.46	1.97	1.31	2.24	48.94	ppb
Silicon	28-1	268.09	284.96	269.89	274.31	3.38	ppb
Silver	107-1	-0.03	-0.03	-0.04	-0.03		ppb
Silver	109-1	-0.01	-0.02	-0.02	-0.02		ppb
Sodium	23-2	362.27	358.57	318.51	346.45	7.00	ppb
Strontium	86-1	0.08	0.15	0.00	0.08	96.10	ppb
Strontium	88-1	0.17	0.09	0.09	0.12	39.34	ppb
Sulfur	34-1	-143.34	-819.37	-1301.90	-754.87		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14.19	14.41	12.94	13.85	5.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.03	0.04	0.04	25.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1.58	1.44	1.03	1.35	21.05	ppb
Zirconium	90-1	0.04	0.05	0.09	0.06	41.62	ppb
Zirconium	91-1	0.04	0.05	0.13	0.07	67.75	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:00:20	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.21	8.41	7.43	8.35	10.70	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	5.94	ppb
Arsenic	75-2	0.12	0.13	0.17	0.14	20.95	ppb
Barium	135-1	0.17	0.18	0.13	0.16	17.12	ppb
Barium	137-1	0.14	0.16	0.21	0.17	18.77	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	35.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	16.19	16.23	17.09	16.50	3.09	ppb
Boron	11-1	17.31	18.23	18.27	17.94	3.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.39	-0.22	-0.27		ppb
Cadmium	106-1	-2.24	-4.91	-3.10	-3.42		ppb
Cadmium	108-1	0.62	0.51	0.26	0.46	40.32	ppb
Calcium	43-1	12.36	12.49	15.29	13.38	12.37	ppb
Calcium	44-1	113.61	132.01	133.40	126.34	8.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.13	0.09	0.11	14.88	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.93	0.88	0.90	0.90	3.03	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				110		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	54-2	31.24	34.34	33.53	33.04	4.87	ppb
Iron	56-2	33.60	32.56	31.88	32.68	2.64	ppb
Iron	57-2	36.49	36.15	32.55	35.06	6.24	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:00:20	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.03	-0.03	-0.02		ppb
Lead	207-1	-0.01	0.00	-0.04	-0.02		ppb
Lead	208-1	0.00	-0.01	-0.02	-0.01		ppb
Lithium	6-1				92		%
Magnesium	24-2	4.01	3.17	2.50	3.23	23.43	ppb
Manganese	55-2	1.12	0.90	0.96	0.99	11.15	ppb
Molybdenum	94-1	0.15	0.24	0.16	0.19	26.83	ppb
Molybdenum	95-1	0.14	0.18	0.14	0.15	14.36	ppb
Molybdenum	96-1	0.16	0.12	0.14	0.14	13.30	ppb
Molybdenum	97-1	0.15	0.16	0.09	0.13	28.40	ppb
Molybdenum	98-1	0.15	0.13	0.10	0.13	17.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.27	0.20	0.25	16.34	ppb
Phosphorus	31-2	23216.50	22613.12	22865.38	22898.33	1.32	ppb
Potassium	39-2	63502.08	60851.72	58869.20	61074.33	3.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	1.72	1.89	1.37	1.66	16.02	ppb
Selenium	77-2	0.82	0.00	2.43	1.08	114.28	ppb
Selenium	78-2	3.03	3.14	3.05	3.07	1.84	ppb
Silicon	28-1	226.81	268.31	272.58	255.90	9.88	ppb
Silver	107-1	-0.03	-0.02	-0.04	-0.03		ppb
Silver	109-1	-0.02	-0.03	-0.01	-0.02		ppb
Sodium	23-2	351.96	355.00	340.57	349.18	2.18	ppb
Strontium	86-1	0.08	0.11	0.06	0.08	30.34	ppb
Strontium	88-1	0.13	0.09	0.10	0.11	19.24	ppb
Sulfur	34-1	-2085.70	-1740.01	-1935.27	-1920.33		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.04	-0.05	-0.03	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:00:20	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.59	11.68	12.21	11.83	2.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.04	0.02	0.03	22.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	1.53	1.34	1.31	1.39	8.69	ppb
Zirconium	90-1	0.02	0.03	0.05	0.04	42.85	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	25.55	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.95	3.18	3.10	3.08	3.77	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	33.78	ppb
Arsenic	75-2	0.05	0.04	0.04	0.04	20.63	ppb
Barium	135-1	0.04	0.03	0.03	0.03	25.33	ppb
Barium	137-1	0.05	0.01	0.02	0.02	83.83	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	10.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	5.79	6.24	5.90	5.98	3.95	ppb
Boron	11-1	6.31	7.00	7.00	6.77	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.32	-0.38	-0.27		ppb
Cadmium	106-1	-1.26	-4.28	-4.66	-3.40		ppb
Cadmium	108-1	0.58	0.33	0.77	0.56	39.25	ppb
Calcium	43-1	2.32	1.92	1.46	1.90	22.66	ppb
Calcium	44-1	39.88	39.65	37.41	38.98	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.07	0.07	9.42	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.26	0.32	0.32	0.30	11.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	7.24	7.66	5.11	6.67	20.54	ppb
Iron	56-2	7.21	7.49	7.68	7.46	3.18	ppb
Iron	57-2	8.55	7.94	6.87	7.79	10.94	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.05	-0.06	-0.07	-0.06		ppb
Lead	207-1	-0.06	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.05	-0.06	-0.06	-0.06		ppb
Lithium	6-1				90		%
Magnesium	24-2	1.00	1.87	1.07	1.31	36.78	ppb
Manganese	55-2	0.20	0.18	0.16	0.18	11.42	ppb
Molybdenum	94-1	0.08	0.02	0.06	0.05	58.93	ppb
Molybdenum	95-1	0.08	0.05	0.06	0.06	25.55	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	15.80	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	10.55	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	66.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.16	0.25	0.19	25.78	ppb
Phosphorus	31-2	4603.99	4503.66	4349.94	4485.86	2.85	ppb
Potassium	39-2	12572.36	12100.88	12308.96	12327.40	1.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	1.03	0.67	1.13	0.94	25.87	ppb
Selenium	77-2	0.81	1.63	0.00	0.81	99.94	ppb
Selenium	78-2	1.92	2.92	2.20	2.35	22.14	ppb
Silicon	28-1	67.67	69.64	64.12	67.14	4.16	ppb
Silver	107-1	-0.03	-0.02	-0.01	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	82.98	72.76	77.26	77.67	6.60	ppb
Strontium	86-1	-0.06	-0.03	-0.02	-0.04		ppb
Strontium	88-1	0.04	0.00	-0.01	0.01	249.10	ppb
Sulfur	34-1	-1917.03	-1961.04	-2172.52	-2016.87		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.03		ppb
Tin	118-1	-0.05	-0.05	-0.05	-0.05		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.37	2.41	2.02	2.27	9.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	39.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	0.14	0.08	0.05	0.09	52.19	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.03	-0.01	-0.02	0.00	1984.13	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104.75	107.69	104.34	105.59	1.73	ppb
Antimony	121-1	5.33	4.64	5.16	5.05	7.07	ppb
Arsenic	75-2	5.71	5.08	5.14	5.31	6.60	ppb
Barium	135-1	25.55	21.91	25.08	24.18	8.17	ppb
Barium	137-1	26.75	23.39	25.52	25.22	6.73	ppb
Beryllium	9-1	4.78	4.47	4.82	4.69	4.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Boron	10-1	13.97	13.49	16.05	14.51	9.38	ppb
Boron	11-1	16.11	15.19	16.90	16.07	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	5.21	4.59	5.12	4.97	6.78	ppb
Cadmium	106-1	3.04	2.86	0.37	2.09	71.47	ppb
Cadmium	108-1	6.33	5.34	5.46	5.71	9.47	ppb
Calcium	43-1	467.41	429.03	516.38	470.94	9.30	ppb
Calcium	44-1	543.42	488.99	586.93	539.78	9.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.23	4.85	4.87	4.98	4.26	ppb
Cobalt	59-2	5.07	5.01	5.26	5.11	2.58	ppb
Copper	63-2	52.30	53.13	51.76	52.40	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				113		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	281.20	295.48	284.69	287.12	2.59	ppb
Iron	56-2	283.33	285.19	283.81	284.11	0.34	ppb
Iron	57-2	277.46	285.49	279.25	280.73	1.50	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.24	20.57	23.43	22.41	7.13	ppb
Lead	207-1	22.93	21.21	22.69	22.28	4.17	ppb
Lead	208-1	22.41	20.73	23.05	22.06	5.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	511.98	546.14	541.28	533.13	3.47	ppb
Manganese	55-2	48.91	50.15	49.62	49.56	1.26	ppb
Molybdenum	94-1	22.94	22.19	25.09	23.41	6.43	ppb
Molybdenum	95-1	18.93	17.80	19.00	18.58	3.63	ppb
Molybdenum	96-1	19.04	17.91	20.26	19.07	6.16	ppb
Molybdenum	97-1	19.31	17.81	19.23	18.78	4.49	ppb
Molybdenum	98-1	18.57	17.64	19.22	18.48	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.31	5.39	5.31	1.55	ppb
Phosphorus	31-2	14666.44	15053.30	15149.80	14956.51	1.71	ppb
Potassium	39-2	40825.93	41430.95	41110.67	41122.52	0.74	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	4.87	4.79	4.96	4.87	1.82	ppb
Selenium	77-2	4.83	5.53	1.61	3.99	52.34	ppb
Selenium	78-2	5.83	5.76	6.65	6.08	8.12	ppb
Silicon	28-1	132.83	127.72	172.15	144.23	16.86	ppb
Silver	107-1	3.75	3.01	3.42	3.39	11.00	ppb
Silver	109-1	3.64	3.14	3.55	3.44	7.68	ppb
Sodium	23-2	757.70	747.70	756.97	754.12	0.74	ppb
Strontium	86-1	4.96	4.44	5.12	4.84	7.40	ppb
Strontium	88-1	4.91	4.38	5.14	4.81	8.03	ppb
Sulfur	34-1	-2339.41	-3146.18	-2225.28	-2570.29		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	4.63	4.20	4.94	4.59	8.12	ppb
Thallium	205-1	4.79	4.25	4.90	4.65	7.52	ppb
Tin	118-1	4.89	4.47	4.91	4.75	5.20	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	26.93	24.50	27.67	26.36	6.29	ppb
Uranium	238-1	4.41	4.03	4.48	4.30	5.63	ppb
Vanadium	51-2	5.02	5.06	5.11	5.06	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	52.74	53.19	52.41	52.78	0.74	ppb
Zirconium	90-1	4.72	4.28	5.12	4.71	8.92	ppb
Zirconium	91-1	4.70	4.33	5.04	4.69	7.56	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	108.55	105.99	109.15	107.90	1.56	ppb
Antimony	121-1	5.56	5.49	5.35	5.47	1.98	ppb
Arsenic	75-2	5.62	5.06	5.78	5.48	6.90	ppb
Barium	135-1	26.38	26.48	26.18	26.35	0.57	ppb
Barium	137-1	25.94	27.15	26.18	26.42	2.43	ppb
Beryllium	9-1	5.27	4.98	5.20	5.15	2.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	16.77	15.79	15.75	16.10	3.57	ppb
Boron	11-1	17.28	18.14	17.53	17.65	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	5.48	5.41	5.34	5.41	1.33	ppb
Cadmium	106-1	3.36	3.07	0.98	2.47	52.57	ppb
Cadmium	108-1	5.70	5.68	4.74	5.38	10.29	ppb
Calcium	43-1	500.93	506.49	491.35	499.59	1.53	ppb
Calcium	44-1	577.57	589.67	562.11	576.45	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.08	4.92	5.08	5.03	1.84	ppb
Cobalt	59-2	5.29	5.09	5.23	5.20	1.91	ppb
Copper	63-2	55.06	53.16	54.66	54.29	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	54-2	304.14	288.11	294.74	295.66	2.72	ppb
Iron	56-2	296.91	290.08	292.34	293.11	1.19	ppb
Iron	57-2	310.45	284.14	298.21	297.60	4.42	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.31	23.43	24.14	23.96	1.96	ppb
Lead	207-1	24.33	23.33	23.93	23.86	2.11	ppb
Lead	208-1	23.91	23.11	23.82	23.61	1.86	ppb
Lithium	6-1				92		%
Magnesium	24-2	539.87	530.98	558.86	543.24	2.62	ppb
Manganese	55-2	49.79	49.82	50.00	49.87	0.23	ppb
Molybdenum	94-1	24.87	23.78	24.57	24.41	2.31	ppb
Molybdenum	95-1	19.22	18.37	18.99	18.86	2.35	ppb
Molybdenum	96-1	20.11	18.82	18.74	19.22	4.00	ppb
Molybdenum	97-1	19.73	18.28	18.45	18.82	4.20	ppb
Molybdenum	98-1	19.40	18.35	19.04	18.93	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.77	5.32	5.85	5.64	5.05	ppb
Phosphorus	31-2	15080.02	15236.62	15452.87	15256.50	1.23	ppb
Potassium	39-2	42698.50	43068.66	43034.33	42933.83	0.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	5.42	4.89	5.15	5.15	5.09	ppb
Selenium	77-2	8.56	4.75	3.32	5.55	48.85	ppb
Selenium	78-2	5.28	6.28	5.59	5.72	8.93	ppb
Silicon	28-1	159.20	160.91	157.89	159.33	0.95	ppb
Silver	107-1	3.43	3.43	3.27	3.38	2.76	ppb
Silver	109-1	3.43	3.61	3.75	3.60	4.50	ppb
Sodium	23-2	770.26	763.45	806.98	780.23	3.00	ppb
Strontium	86-1	5.30	4.83	5.07	5.07	4.65	ppb
Strontium	88-1	5.21	4.93	5.07	5.07	2.82	ppb
Sulfur	34-1	-2450.93	-2395.33	-2629.62	-2491.96		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	4.88	4.82	5.09	4.93	2.90	ppb
Thallium	205-1	5.09	4.65	4.97	4.90	4.71	ppb
Tin	118-1	5.04	5.16	4.89	5.03	2.68	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	29.51	29.26	28.20	28.99	2.39	ppb
Uranium	238-1	4.71	4.63	4.71	4.68	0.98	ppb
Vanadium	51-2	5.11	5.20	5.08	5.13	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				96		%
Zinc	66-2	55.67	51.58	53.76	53.67	3.81	ppb
Zirconium	90-1	5.04	4.74	5.06	4.95	3.61	ppb
Zirconium	91-1	5.26	4.67	4.72	4.88	6.69	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.09	109.38	109.55	110.34	1.37	ppb
Antimony	121-1	5.66	5.60	5.60	5.62	0.54	ppb
Arsenic	75-2	5.33	5.15	5.35	5.28	2.10	ppb
Barium	135-1	26.39	26.10	26.71	26.40	1.16	ppb
Barium	137-1	27.64	27.56	26.48	27.23	2.39	ppb
Beryllium	9-1	5.06	5.03	5.06	5.05	0.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	14.96	15.58	17.10	15.88	6.92	ppb
Boron	11-1	15.68	17.36	18.80	17.28	9.03	ppb
Bromine	81-1						cps
Cadmium	111-1	5.90	5.57	5.57	5.68	3.37	ppb
Cadmium	106-1	4.29	4.33	3.16	3.93	16.99	ppb
Cadmium	108-1	5.71	5.91	5.61	5.74	2.65	ppb
Calcium	43-1	523.33	533.14	508.25	521.58	2.40	ppb
Calcium	44-1	582.11	605.73	582.37	590.07	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.13	5.14	5.34	5.21	2.26	ppb
Cobalt	59-2	5.26	5.21	5.27	5.25	0.55	ppb
Copper	63-2	55.95	53.34	55.09	54.79	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	54-2	309.95	286.70	300.33	299.00	3.91	ppb
Iron	56-2	305.75	289.83	306.06	300.54	3.09	ppb
Iron	57-2	310.19	298.28	299.36	302.61	2.18	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.00	24.68	23.96	24.22	1.67	ppb
Lead	207-1	24.08	24.60	23.31	24.00	2.71	ppb
Lead	208-1	23.74	24.37	23.80	23.97	1.44	ppb
Lithium	6-1				93		%
Magnesium	24-2	570.79	532.12	546.93	549.95	3.55	ppb
Manganese	55-2	53.50	50.15	52.14	51.93	3.24	ppb
Molybdenum	94-1	25.60	24.49	24.84	24.98	2.27	ppb
Molybdenum	95-1	20.14	19.98	19.53	19.89	1.59	ppb
Molybdenum	96-1	20.79	20.19	19.42	20.13	3.41	ppb
Molybdenum	97-1	20.11	19.53	19.17	19.60	2.43	ppb
Molybdenum	98-1	19.70	19.30	18.70	19.23	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.85	5.32	5.64	5.60	4.74	ppb
Phosphorus	31-2	16321.21	15236.43	15705.14	15754.26	3.45	ppb
Potassium	39-2	43985.19	41839.21	43713.73	43179.38	2.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	5.31	5.98	5.20	5.49	7.64	ppb
Selenium	77-2	4.71	3.10	7.25	5.02	41.62	ppb
Selenium	78-2	5.00	4.63	5.27	4.97	6.41	ppb
Silicon	28-1	148.22	158.75	164.04	157.01	5.13	ppb
Silver	107-1	5.55	5.71	5.52	5.59	1.86	ppb
Silver	109-1	5.73	5.41	5.59	5.58	2.93	ppb
Sodium	23-2	812.95	770.83	790.90	791.56	2.66	ppb
Strontium	86-1	5.13	5.52	4.86	5.17	6.40	ppb
Strontium	88-1	5.29	5.35	5.16	5.27	1.82	ppb
Sulfur	34-1	-2295.82	-2376.02	-2528.56	-2400.14		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	4.93	5.21	4.89	5.01	3.48	ppb
Thallium	205-1	4.92	5.12	4.93	4.99	2.33	ppb
Tin	118-1	5.47	5.15	5.37	5.33	3.06	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	28.32	28.70	29.42	28.81	1.93	ppb
Uranium	238-1	4.85	4.87	4.65	4.79	2.50	ppb
Vanadium	51-2	5.33	5.25	5.08	5.22	2.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	56.63	53.26	56.39	55.43	3.39	ppb
Zirconium	90-1	5.21	5.14	4.96	5.10	2.51	ppb
Zirconium	91-1	5.22	4.83	5.08	5.04	4.00	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48195.30	48976.61	48609.23	48593.72	0.80	ppb
Antimony	121-1	474.57	492.89	489.25	485.57	2.00	ppb
Arsenic	75-2	478.86	480.40	467.71	475.66	1.46	ppb
Barium	135-1	2418.91	2534.49	2457.20	2470.20	2.38	ppb
Barium	137-1	2438.01	2587.38	2493.74	2506.38	3.01	ppb
Beryllium	9-1	469.65	462.39	468.01	466.68	0.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				86		%
Boron	10-1	413.10	442.97	472.98	443.02	6.76	ppb
Boron	11-1	457.63	475.49	496.87	476.66	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	453.64	475.45	480.03	469.71	3.00	ppb
Cadmium	106-1	457.47	478.75	486.11	474.11	3.14	ppb
Cadmium	108-1	474.47	480.73	492.43	482.54	1.89	ppb
Calcium	43-1	230269.98	238254.87	231911.20	233478.68	1.81	ppb
Calcium	44-1	225638.75	227650.90	226880.30	226723.31	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466.44	465.35	463.50	465.10	0.32	ppb
Cobalt	59-2	501.87	494.15	497.03	497.68	0.78	ppb
Copper	63-2	5045.29	4940.78	4723.37	4903.14	3.35	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				110		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	119340.65	117454.95	117103.92	117966.51	1.02	ppb
Iron	56-2	122143.14	118799.27	119409.98	120117.46	1.48	ppb
Iron	57-2	121606.43	116142.82	124595.66	120781.64	3.55	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2399.94	2428.68	2446.84	2425.15	0.98	ppb
Lead	207-1	2452.30	2430.11	2414.03	2432.15	0.79	ppb
Lead	208-1	2415.04	2435.28	2430.79	2427.04	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	249258.27	244287.81	241714.62	245086.90	1.56	ppb
Manganese	55-2	4677.53	4568.27	4618.24	4621.35	1.18	ppb
Molybdenum	94-1	4593.41	4622.81	4709.88	4642.03	1.30	ppb
Molybdenum	95-1	4654.09	4744.77	4791.21	4730.02	1.47	ppb
Molybdenum	96-1	4681.75	4826.69	4723.14	4743.86	1.57	ppb
Molybdenum	97-1	4521.19	4717.02	4762.47	4666.89	2.75	ppb
Molybdenum	98-1	4577.80	4691.29	4747.64	4672.24	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.82	476.49	479.09	481.80	1.47	ppb
Phosphorus	31-2	9121.71	8717.62	8951.88	8930.40	2.27	ppb
Potassium	39-2	123497.60	120445.49	123668.85	122537.31	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	472.53	489.14	493.98	485.21	2.32	ppb
Selenium	77-2	463.69	491.80	486.00	480.50	3.09	ppb
Selenium	78-2	476.12	482.80	471.89	476.94	1.15	ppb
Silicon	28-1	435.29	489.05	486.36	470.23	6.44	ppb
Silver	107-1	467.89	473.65	476.57	472.70	0.93	ppb
Silver	109-1	470.23	471.42	485.06	475.57	1.73	ppb
Sodium	23-2	248087.79	245215.75	253418.93	248907.49	1.67	ppb
Strontium	86-1	11354.87	12177.15	12239.98	11924.00	4.14	ppb
Strontium	88-1	11337.73	12289.03	11943.65	11856.80	4.06	ppb
Sulfur	34-1	9839.26	11220.01	10891.28	10650.18	6.77	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	491.32	495.80	505.51	497.55	1.46	ppb
Thallium	205-1	486.26	493.54	495.38	491.72	0.98	ppb
Tin	118-1	477.03	494.69	493.99	488.57	2.05	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4641.87	5077.09	4874.71	4864.56	4.48	ppb
Uranium	238-1	474.33	487.55	489.70	483.86	1.72	ppb
Vanadium	51-2	478.07	467.81	470.11	472.00	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	4679.99	4579.22	4484.14	4581.11	2.14	ppb
Zirconium	90-1	463.92	480.19	483.76	475.96	2.22	ppb
Zirconium	91-1	451.76	473.44	470.77	465.32	2.54	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	0.23	0.38	0.39	42.65	ppb
Antimony	121-1	0.10	0.11	0.13	0.11	13.96	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.01	199.88	ppb
Barium	135-1	0.10	0.04	0.01	0.05	87.39	ppb
Barium	137-1	0.03	0.02	0.01	0.02	40.63	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	23.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	13.00	10.79	10.95	11.58	10.67	ppb
Boron	11-1	14.07	12.94	11.34	12.78	10.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.08	-0.23	-0.09		ppb
Cadmium	106-1	0.40	-0.88	-2.93	-1.14		ppb
Cadmium	108-1	0.65	0.68	0.34	0.56	33.33	ppb
Calcium	43-1	6.01	1.60	0.61	2.74	104.77	ppb
Calcium	44-1	18.99	9.53	8.22	12.25	47.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.03	0.04	24.17	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.19	0.20	0.19	0.19	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	54-2	2.78	2.11	-0.37	1.51	109.88	ppb
Iron	56-2	1.94	1.86	1.67	1.82	7.80	ppb
Iron	57-2	0.97	4.77	2.09	2.61	74.77	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	-0.04	-0.04	-0.02		ppb
Lead	207-1	0.01	-0.05	-0.05	-0.03		ppb
Lead	208-1	0.02	-0.04	-0.04	-0.02		ppb
Lithium	6-1				90		%
Magnesium	24-2	3.09	2.91	0.97	2.32	50.46	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	3.24	ppb
Molybdenum	94-1	0.35	0.21	0.16	0.24	42.46	ppb
Molybdenum	95-1	0.31	0.21	0.16	0.22	33.80	ppb
Molybdenum	96-1	0.26	0.15	0.13	0.18	37.86	ppb
Molybdenum	97-1	0.26	0.16	0.13	0.18	35.33	ppb
Molybdenum	98-1	0.27	0.18	0.12	0.19	39.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.07	0.06	16.67	ppb
Phosphorus	31-2	-32.24	-29.31	-29.04	-30.20		ppb
Potassium	39-2	49.09	49.13	38.96	45.73	12.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.37	0.33	0.15	0.28	41.12	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	1.40	0.70	0.75	82.02	ppb
Silicon	28-1	23.97	4.82	5.43	11.40	95.42	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	0.00	-0.01	0.00		ppb
Sodium	23-2	16.82	14.82	17.50	16.38	8.49	ppb
Strontium	86-1	0.36	0.22	0.01	0.19	89.71	ppb
Strontium	88-1	0.38	0.13	0.08	0.20	80.25	ppb
Sulfur	34-1	1133.04	-439.62	-386.88	102.18	874.07	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.02	0.00	0.00	0.00	256.01	ppb
Tin	118-1	-0.03	-0.02	-0.04	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.13	0.04	0.12	67.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	87.38	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	105.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	-0.11	-0.04	0.12	-0.01		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.04	-0.01	0.02	168.01	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.29	11.84	11.53	11.22	7.32	ppb
Antimony	121-1	0.02	0.02	0.05	0.03	43.86	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	262.55	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	10276.39	ppb
Barium	137-1	0.02	0.00	0.00	0.00	463.75	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	12.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	6.19	6.77	5.99	6.32	6.42	ppb
Boron	11-1	7.02	6.30	6.09	6.47	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.01	0.02	-0.02		ppb
Cadmium	106-1	-0.82	0.39	0.50	0.02	3174.91	ppb
Cadmium	108-1	0.69	0.38	0.45	0.50	32.09	ppb
Calcium	43-1	0.51	-1.21	-1.08	-0.59		ppb
Calcium	44-1	7.77	5.97	4.82	6.19	24.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.03	0.04	51.67	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	0.18	0.13	0.15	0.16	15.79	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				94		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	54-2	1.08	2.84	0.87	1.60	67.86	ppb
Iron	56-2	1.38	1.42	1.31	1.37	4.26	ppb
Iron	57-2	2.13	1.55	2.54	2.07	23.98	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	-0.05	-0.06	-0.05		ppb
Lead	207-1	-0.05	-0.07	-0.05	-0.06		ppb
Lead	208-1	-0.04	-0.05	-0.06	-0.05		ppb
Lithium	6-1				96		%
Magnesium	24-2	1.60	1.74	0.62	1.32	46.33	ppb
Manganese	55-2	0.01	0.04	0.04	0.03	61.83	ppb
Molybdenum	94-1	0.07	0.07	0.05	0.06	23.71	ppb
Molybdenum	95-1	0.12	0.09	0.07	0.09	24.53	ppb
Molybdenum	96-1	0.09	0.06	0.05	0.07	31.91	ppb
Molybdenum	97-1	0.11	0.02	0.07	0.07	62.95	ppb
Molybdenum	98-1	0.12	0.05	0.07	0.08	39.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.03	0.03	46.60	ppb
Phosphorus	31-2	-26.67	-20.34	-11.94	-19.65		ppb
Potassium	39-2	26.92	52.44	46.13	41.83	31.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	0.03	0.55	0.02	0.20	150.09	ppb
Selenium	77-2	0.85	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	2.01	0.92	2.35	1.76	42.42	ppb
Silicon	28-1	4.23	2.51	-0.59	2.05	119.29	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	14.99	11.74	12.15	12.96	13.66	ppb
Strontium	86-1	0.11	0.03	-0.06	0.03	292.47	ppb
Strontium	88-1	0.10	0.05	0.03	0.06	57.11	ppb
Sulfur	34-1	-41.73	-86.83	-302.66	-143.74		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	-0.03	-0.01	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.06	-0.03	-0.03	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	-0.01	0.03	0.05	148.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	201.78	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	70.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	-0.01	0.10	-0.13	-0.01		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	51.92	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	139.41	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.06	0.56	0.42	74.46	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	41.83	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	56.78	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	14.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	4.64	4.30	4.29	4.41	4.53	ppb
Boron	11-1	5.13	5.02	4.36	4.84	8.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.03	-0.07	-0.03		ppb
Cadmium	106-1	-0.37	0.79	-0.95	-0.18		ppb
Cadmium	108-1	0.37	0.59	0.34	0.43	31.78	ppb
Calcium	43-1	-1.10	-0.98	-1.73	-1.27		ppb
Calcium	44-1	4.43	3.96	2.42	3.60	29.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.07	0.04	83.53	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.11	0.11	0.16	0.13	21.91	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				104		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	1.09	-1.32	0.49	0.09	1474.90	ppb
Iron	56-2	0.92	0.38	0.77	0.69	40.49	ppb
Iron	57-2	0.21	1.41	2.43	1.35	82.30	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.05	-0.06	-0.07	-0.06		ppb
Lead	207-1	-0.06	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.04	-0.06	-0.06	-0.06		ppb
Lithium	6-1				96		%
Magnesium	24-2	0.68	0.38	0.77	0.61	33.57	ppb
Manganese	55-2	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.08	0.04	0.02	0.05	71.45	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	13.78	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	49.10	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	37.64	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	15.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.03	0.02	26.39	ppb
Phosphorus	31-2	-16.90	-31.49	-20.30	-22.90		ppb
Potassium	39-2	35.88	11.56	43.61	30.35	55.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	0.41	0.02	0.77	0.40	93.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.02	0.43	0.66	0.70	42.42	ppb
Silicon	28-1	0.28	-1.06	-3.87	-1.55		ppb
Silver	107-1	-0.02	-0.01	-0.02	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	10.12	5.84	10.47	8.81	29.29	ppb
Strontium	86-1	0.00	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.03	0.02	0.01	0.02	72.67	ppb
Sulfur	34-1	103.72	-183.23	-258.55	-112.69		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.06	-0.02	-0.04	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.04	0.02	0.02	91.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	145.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	-0.34	-0.29	0.01	-0.21		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10400.74	9483.71	13522.96	11135.80	19.02	ppb
Antimony	121-1	505.43	523.80	508.69	512.64	1.91	ppb
Arsenic	75-2	504.02	454.25	659.33	539.20	19.84	ppb
Barium	135-1	2463.90	2560.32	2519.10	2514.44	1.92	ppb
Barium	137-1	2524.51	2492.72	2512.01	2509.75	0.64	ppb
Beryllium	9-1	485.99	461.90	472.85	473.58	2.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				85		%
Boron	10-1	417.61	430.95	469.70	439.42	6.16	ppb
Boron	11-1	457.05	461.89	516.99	478.64	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	511.38	531.81	512.37	518.52	2.22	ppb
Cadmium	106-1	522.39	537.80	521.13	527.10	1.76	ppb
Cadmium	108-1	514.55	527.84	527.21	523.20	1.43	ppb
Calcium	43-1	53283.38	56438.45	53688.65	54470.16	3.15	ppb
Calcium	44-1	50425.14	52181.75	50230.12	50945.67	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.63	450.73	651.17	536.84	19.22	ppb
Cobalt	59-2	537.64	466.84	686.40	563.63	19.88	ppb
Copper	63-2	5200.59	4813.43	6741.34	5585.12	18.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				91		%
Indium	115-1				105		%
Indium	115-2				84		%
Iron	54-2	27953.14	25570.01	36694.40	30072.52	19.48	ppb
Iron	56-2	27618.78	24600.10	36223.92	29480.93	20.46	ppb
Iron	57-2	27100.18	23931.75	34588.86	28540.26	19.17	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2609.06	2443.01	2575.62	2542.56	3.45	ppb
Lead	207-1	2547.15	2477.51	2625.57	2550.08	2.90	ppb
Lead	208-1	2549.96	2455.99	2561.40	2522.45	2.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	56662.71	50196.46	71057.54	59305.57	18.01	ppb
Manganese	55-2	5127.19	4701.02	6580.23	5469.48	18.01	ppb
Molybdenum	94-1	4990.87	4908.56	4892.84	4930.76	1.07	ppb
Molybdenum	95-1	4882.60	4980.13	4874.94	4912.55	1.19	ppb
Molybdenum	96-1	5019.65	4902.36	4927.82	4949.94	1.25	ppb
Molybdenum	97-1	5006.31	4828.20	4957.55	4930.69	1.87	ppb
Molybdenum	98-1	5087.36	4946.31	4886.08	4973.25	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.85	474.32	668.44	554.87	18.24	ppb
Phosphorus	31-2	9580.56	8898.07	12650.56	10376.39	19.26	ppb
Potassium	39-2	26669.20	24736.51	34314.54	28573.42	17.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	82-1	516.66	513.15	501.95	510.59	1.50	ppb
Selenium	77-2	487.22	455.03	569.21	503.82	11.68	ppb
Selenium	78-2	502.64	449.62	641.51	531.26	18.65	ppb
Silicon	28-1	457.14	531.76	552.55	513.81	9.76	ppb
Silver	107-1	506.63	519.06	506.20	510.63	1.43	ppb
Silver	109-1	508.03	516.85	510.25	511.71	0.90	ppb
Sodium	23-2	55404.08	50145.02	70704.47	58751.19	18.18	ppb
Strontium	86-1	12880.89	12855.38	12693.04	12809.77	0.80	ppb
Strontium	88-1	12659.34	12602.68	12395.56	12552.53	1.11	ppb
Sulfur	34-1	12099.64	11703.63	11344.87	11716.05	3.22	ppb
Terbium	159-1				108		%
Terbium	159-2				89		%
Thallium	203-1	518.48	508.66	522.74	516.63	1.40	ppb
Thallium	205-1	498.67	475.62	509.28	494.52	3.48	ppb
Tin	118-1	505.90	512.93	505.96	508.27	0.80	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5076.06	5011.22	5198.17	5095.15	1.86	ppb
Uranium	238-1	490.21	483.76	483.48	485.81	0.78	ppb
Vanadium	51-2	504.91	452.34	659.06	538.77	19.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				86		%
Zinc	66-2	5041.30	4791.94	6591.23	5474.82	17.81	ppb
Zirconium	90-1	506.17	488.03	492.29	495.49	1.91	ppb
Zirconium	91-1	508.33	497.10	469.66	491.70	4.05	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20761.32	20054.80	19824.32	20213.48	2.42	ppb
Antimony	121-1	9.73	11.97	11.72	11.14	11.03	ppb
Arsenic	75-2	12.40	12.87	13.30	12.85	3.50	ppb
Barium	135-1	241.00	224.33	238.55	234.63	3.84	ppb
Barium	137-1	244.55	233.39	246.41	241.45	2.92	ppb
Beryllium	9-1	7.08	6.86	6.62	6.86	3.37	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	336.34	348.12	353.90	346.12	2.59	ppb
Boron	11-1	361.79	380.79	389.25	377.28	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	20.81	18.86	20.47	20.05	5.19	ppb
Cadmium	106-1	23.31	17.15	20.77	20.41	15.16	ppb
Cadmium	108-1	18.27	17.03	16.83	17.38	4.48	ppb
Calcium	43-1	123492.93	131297.98	125363.91	126718.27	3.22	ppb
Calcium	44-1	126300.12	128284.21	125786.49	126790.27	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.02	25.87	25.63	25.84	0.76	ppb
Cobalt	59-2	101.49	97.81	99.48	99.59	1.85	ppb
Copper	63-2	474.67	467.68	459.52	467.29	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				95		%
Indium	115-1				111		%
Indium	115-2				88		%
Iron	54-2	36165.68	34331.54	35117.69	35204.97	2.61	ppb
Iron	56-2	35152.95	33972.60	34761.72	34629.09	1.74	ppb
Iron	57-2	34243.48	33509.39	33010.39	33587.75	1.85	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2169.51	1978.99	2093.59	2080.70	4.61	ppb
Lead	207-1	2119.35	1937.72	1962.88	2006.65	4.90	ppb
Lead	208-1	2134.28	1967.35	1983.74	2028.46	4.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	12450.23	12232.32	12259.92	12314.16	0.96	ppb
Manganese	55-2	5502.13	5451.25	5418.37	5457.25	0.77	ppb
Molybdenum	94-1	4.59	4.80	4.58	4.66	2.61	ppb
Molybdenum	95-1	0.44	0.40	0.36	0.40	9.50	ppb
Molybdenum	96-1	1.07	0.96	0.93	0.98	7.54	ppb
Molybdenum	97-1	0.31	0.29	0.29	0.30	3.62	ppb
Molybdenum	98-1	0.42	0.28	0.30	0.33	22.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.19	90.05	90.98	91.41	1.76	ppb
Phosphorus	31-2	1880.28	1757.53	1752.43	1796.74	4.03	ppb
Potassium	39-2	9640.63	9580.41	9536.33	9585.79	0.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				91		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	2.04	2.15	2.23	2.14	4.51	ppb
Selenium	77-2	54.14	41.41	54.62	50.06	14.97	ppb
Selenium	78-2	13.41	12.51	13.86	13.26	5.16	ppb
Silicon	28-1	9291.26	9429.65	8903.85	9208.25	2.96	ppb
Silver	107-1	1.13	1.29	1.50	1.30	14.17	ppb
Silver	109-1	1.23	1.21	1.71	1.38	20.29	ppb
Sodium	23-2	30171.53	30230.59	30323.59	30241.90	0.25	ppb
Strontium	86-1	473.67	489.39	487.04	483.36	1.75	ppb
Strontium	88-1	479.64	479.56	462.36	473.86	2.10	ppb
Sulfur	34-1	243771.46	248253.84	230560.21	240861.83	3.82	ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	0.24	0.22	0.24	0.23	4.96	ppb
Thallium	205-1	0.22	0.23	0.25	0.23	7.39	ppb
Tin	118-1	1.83	2.37	3.33	2.51	30.27	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	23.19	24.48	23.20	23.62	3.15	ppb
Uranium	238-1	3.46	3.26	3.28	3.33	3.28	ppb
Vanadium	51-2	174.37	174.61	174.40	174.46	0.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				146		%
Yttrium	89-2				119		%
Zinc	66-2	3298.95	3270.86	3229.69	3266.50	1.07	ppb
Zirconium	90-1	2.62	2.54	2.61	2.59	1.72	ppb
Zirconium	91-1	2.56	2.57	2.38	2.50	4.21	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19604.13	19947.08	18988.23	19513.15	2.49	ppb
Antimony	121-1	6.27	4.23	4.93	5.14	20.12	ppb
Arsenic	75-2	12.42	13.03	12.26	12.57	3.26	ppb
Barium	135-1	249.41	176.56	228.78	218.25	17.20	ppb
Barium	137-1	256.07	180.64	239.79	225.50	17.60	ppb
Beryllium	9-1	7.04	5.20	6.22	6.15	15.01	ppb
Bismuth	209-1				125		%
Bismuth	209-2				98		%
Boron	10-1	337.63	277.03	341.68	318.78	11.36	ppb
Boron	11-1	375.62	311.55	385.46	357.54	11.22	ppb
Bromine	81-1						cps
Cadmium	111-1	20.79	14.85	19.59	18.41	17.07	ppb
Cadmium	106-1	21.44	13.78	20.20	18.47	22.28	ppb
Cadmium	108-1	18.56	13.01	16.54	16.04	17.52	ppb
Calcium	43-1	135242.77	97497.13	121170.27	117970.06	16.17	ppb
Calcium	44-1	131235.75	98139.07	123371.05	117581.96	14.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.77	24.40	24.05	24.74	3.69	ppb
Cobalt	59-2	95.92	97.58	92.43	95.31	2.76	ppb
Copper	63-2	457.28	453.78	446.92	452.66	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				128		%
Holmium	165-2				95		%
Indium	115-1				119		%
Indium	115-2				86		%
Iron	54-2	34198.76	32993.56	31557.65	32916.66	4.02	ppb
Iron	56-2	33547.67	33052.70	32100.19	32900.19	2.24	ppb
Iron	57-2	32537.08	31896.88	31292.00	31908.65	1.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2131.81	1596.37	2013.28	1913.82	14.70	ppb
Lead	207-1	2051.56	1517.88	1928.62	1832.69	15.25	ppb
Lead	208-1	2086.74	1562.84	1977.50	1875.69	14.74	ppb
Lithium	6-1				109		%
Magnesium	24-2	11666.18	11998.59	11661.74	11775.50	1.64	ppb
Manganese	55-2	5364.25	5222.00	5055.15	5213.80	2.97	ppb
Molybdenum	94-1	4.90	3.59	4.60	4.36	15.79	ppb
Molybdenum	95-1	0.30	0.26	0.29	0.28	6.90	ppb
Molybdenum	96-1	0.94	0.70	0.78	0.81	14.97	ppb
Molybdenum	97-1	0.26	0.17	0.22	0.21	21.52	ppb
Molybdenum	98-1	0.24	0.17	0.17	0.19	20.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.60	88.19	85.81	87.53	1.72	ppb
Phosphorus	31-2	1711.66	1690.75	1588.49	1663.63	3.96	ppb
Potassium	39-2	9098.03	9110.17	8819.44	9009.21	1.83	ppb
Rhodium	103-1				112		%
Rhodium	103-2				90		%
Scandium	45-1				113		%
Scandium	45-2				83		%
Selenium	82-1	1.98	1.79	2.39	2.05	14.92	ppb
Selenium	77-2	39.34	38.43	45.79	41.19	9.74	ppb
Selenium	78-2	15.07	13.55	12.81	13.81	8.35	ppb
Silicon	28-1	9770.45	6909.61	8946.26	8542.11	17.24	ppb
Silver	107-1	0.69	0.50	0.49	0.56	20.60	ppb
Silver	109-1	0.70	0.45	0.50	0.55	24.36	ppb
Sodium	23-2	28474.90	28931.06	27917.59	28441.19	1.78	ppb
Strontium	86-1	487.53	379.39	469.08	445.34	12.99	ppb
Strontium	88-1	481.97	383.60	475.98	447.18	12.33	ppb
Sulfur	34-1	255515.05	182160.03	235061.68	224245.59	16.88	ppb
Terbium	159-1				123		%
Terbium	159-2				94		%
Thallium	203-1	0.19	0.11	0.12	0.14	32.04	ppb
Thallium	205-1	0.18	0.12	0.19	0.17	23.35	ppb
Tin	118-1	2.43	2.26	3.56	2.75	25.84	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	24.28	17.67	22.87	21.61	16.12	ppb
Uranium	238-1	3.40	2.50	3.15	3.02	15.43	ppb
Vanadium	51-2	169.57	170.79	163.69	168.02	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				157		%
Yttrium	89-2				113		%
Zinc	66-2	3200.65	3172.50	3127.87	3167.01	1.16	ppb
Zirconium	90-1	2.52	2.06	2.46	2.35	10.70	ppb
Zirconium	91-1	2.61	2.05	2.38	2.34	12.01	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4010.45	3790.47	3710.40	3837.11	4.05	ppb
Antimony	121-1	1.10	1.22	1.25	1.19	6.46	ppb
Arsenic	75-2	3.18	3.08	3.03	3.09	2.51	ppb
Barium	135-1	45.39	46.77	47.66	46.60	2.45	ppb
Barium	137-1	47.59	49.30	48.86	48.58	1.82	ppb
Beryllium	9-1	1.31	1.40	1.41	1.37	4.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				92		%
Boron	10-1	97.18	100.90	103.71	100.60	3.26	ppb
Boron	11-1	106.34	112.63	116.49	111.82	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	3.87	4.23	3.91	4.01	4.92	ppb
Cadmium	106-1	1.48	2.61	1.08	1.72	45.99	ppb
Cadmium	108-1	3.86	4.38	3.29	3.84	14.21	ppb
Calcium	43-1	25130.05	25344.40	25449.76	25308.07	0.64	ppb
Calcium	44-1	25402.50	25405.30	25155.77	25321.19	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.08	4.91	4.73	4.91	3.64	ppb
Cobalt	59-2	19.18	18.84	17.98	18.67	3.31	ppb
Copper	63-2	93.66	90.78	88.81	91.08	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				91		%
Indium	115-1				109		%
Indium	115-2				85		%
Iron	54-2	6390.92	6171.87	6011.08	6191.29	3.08	ppb
Iron	56-2	6697.15	6233.06	6333.97	6421.39	3.80	ppb
Iron	57-2	6540.38	6321.75	6104.85	6322.32	3.44	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	427.98	429.19	430.74	429.30	0.32	ppb
Lead	207-1	408.69	415.75	413.48	412.64	0.87	ppb
Lead	208-1	416.49	424.06	418.26	419.61	0.94	ppb
Lithium	6-1				97		%
Magnesium	24-2	2380.02	2210.78	2170.82	2253.88	4.93	ppb
Manganese	55-2	1038.30	973.13	959.52	990.31	4.25	ppb
Molybdenum	94-1	1.21	1.23	1.12	1.19	5.15	ppb
Molybdenum	95-1	0.10	0.13	0.12	0.11	14.68	ppb
Molybdenum	96-1	0.26	0.23	0.24	0.24	5.64	ppb
Molybdenum	97-1	0.09	0.08	0.06	0.07	19.32	ppb
Molybdenum	98-1	0.10	0.09	0.07	0.09	13.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.81	17.41	16.07	17.10	5.33	ppb
Phosphorus	31-2	382.26	281.42	275.39	313.03	19.18	ppb
Potassium	39-2	1866.28	1781.16	1788.27	1811.90	2.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				82		%
Selenium	82-1	0.87	0.65	0.32	0.61	44.88	ppb
Selenium	77-2	13.00	12.82	7.89	11.24	25.83	ppb
Selenium	78-2	3.52	3.98	3.12	3.54	12.15	ppb
Silicon	28-1	1734.88	1767.90	1823.63	1775.47	2.53	ppb
Silver	107-1	0.09	0.07	0.06	0.07	21.03	ppb
Silver	109-1	0.09	0.10	0.11	0.10	7.19	ppb
Sodium	23-2	6087.93	5628.77	5499.58	5738.76	5.39	ppb
Strontium	86-1	114.34	116.07	110.86	113.76	2.33	ppb
Strontium	88-1	116.24	117.86	115.60	116.57	1.00	ppb
Sulfur	34-1	47400.37	47464.61	49734.64	48199.87	2.76	ppb
Terbium	159-1				107		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.01	0.00	0.01	89.59	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	19.59	ppb
Tin	118-1	0.21	0.25	0.25	0.24	10.79	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.77	4.64	4.51	4.64	2.77	ppb
Uranium	238-1	0.66	0.66	0.65	0.66	0.70	ppb
Vanadium	51-2	33.36	32.53	31.90	32.59	2.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				89		%
Zinc	66-2	675.28	632.28	633.38	646.98	3.79	ppb
Zirconium	90-1	0.62	0.64	0.58	0.61	4.85	ppb
Zirconium	91-1	0.62	0.57	0.64	0.61	5.51	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MS	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:50:59	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34131.32	30699.08	25890.77	30240.39	13.69	ppb
Antimony	121-1	381.23	392.20	395.87	389.77	1.96	ppb
Arsenic	75-2	480.95	432.27	391.63	434.95	10.28	ppb
Barium	135-1	2657.77	2675.17	2685.23	2672.72	0.52	ppb
Barium	137-1	2642.66	2699.46	2693.30	2678.47	1.16	ppb
Beryllium	9-1	403.16	416.77	421.40	413.78	2.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				86		%
Boron	10-1	609.41	706.61	743.18	686.40	10.07	ppb
Boron	11-1	679.06	771.05	828.74	759.61	9.94	ppb
Bromine	81-1						cps
Cadmium	111-1	510.18	528.90	527.37	522.15	1.99	ppb
Cadmium	106-1	508.33	511.94	539.86	520.05	3.32	ppb
Cadmium	108-1	480.02	487.91	503.98	490.64	2.49	ppb
Calcium	43-1	161330.70	164725.99	167768.28	164608.33	1.96	ppb
Calcium	44-1	161092.87	164597.30	163495.43	163061.87	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	624.19	546.17	483.71	551.36	12.77	ppb
Cobalt	59-2	750.83	655.62	584.79	663.74	12.55	ppb
Copper	63-2	7216.58	6034.56	5463.87	6238.34	14.33	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				113		%
Holmium	165-2				84		%
Indium	115-1				106		%
Indium	115-2				76		%
Iron	54-2	70333.34	62072.59	55789.05	62731.66	11.63	ppb
Iron	56-2	69672.08	60847.82	53571.28	61363.73	13.14	ppb
Iron	57-2	71018.02	61933.63	55713.57	62888.41	12.24	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MS	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:50:59	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4152.59	4077.93	4247.27	4159.26	2.04	ppb
Lead	207-1	3970.99	3954.54	4184.90	4036.81	3.18	ppb
Lead	208-1	4053.76	4070.11	4112.40	4078.76	0.74	ppb
Lithium	6-1				99		%
Magnesium	24-2	76217.85	70483.27	59637.08	68779.40	12.24	ppb
Manganese	55-2	11714.70	10288.41	9106.99	10370.03	12.59	ppb
Molybdenum	94-1	1752.12	1783.85	1778.63	1771.53	0.96	ppb
Molybdenum	95-1	1373.13	1418.92	1403.50	1398.52	1.67	ppb
Molybdenum	96-1	1428.28	1457.01	1470.29	1451.86	1.48	ppb
Molybdenum	97-1	1378.76	1433.39	1429.04	1413.73	2.15	ppb
Molybdenum	98-1	1352.99	1384.26	1421.29	1386.18	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	731.21	626.08	571.18	642.82	12.65	ppb
Phosphorus	31-2	1826.63	1515.48	1410.85	1584.32	13.65	ppb
Potassium	39-2	34832.93	32200.14	28179.12	31737.39	10.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				80		%
Scandium	45-1				100		%
Scandium	45-2				75		%
Selenium	82-1	362.09	388.39	381.16	377.21	3.60	ppb
Selenium	77-2	469.19	394.86	386.98	417.01	10.88	ppb
Selenium	78-2	440.62	400.72	359.87	400.40	10.08	ppb
Silicon	28-1	8270.78	7915.25	8536.14	8240.72	3.78	ppb
Silver	107-1	468.36	469.14	488.37	475.29	2.38	ppb
Silver	109-1	461.18	452.73	473.02	462.31	2.20	ppb
Sodium	23-2	99069.53	87674.95	77458.63	88067.70	12.28	ppb
Strontium	86-1	809.25	834.53	843.35	829.04	2.13	ppb
Strontium	88-1	766.92	816.37	815.71	799.67	3.55	ppb
Sulfur	34-1	216942.92	215187.79	229220.00	220450.24	3.47	ppb
Terbium	159-1				111		%
Terbium	159-2				85		%
Thallium	203-1	457.83	467.55	452.87	459.42	1.63	ppb
Thallium	205-1	450.13	444.08	453.86	449.36	1.10	ppb
Tin	118-1	476.71	478.44	479.92	478.36	0.34	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MS	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:50:59	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1870.99	1929.47	1909.48	1903.32	1.56	ppb
Uranium	238-1	439.23	444.87	455.37	446.49	1.83	ppb
Vanadium	51-2	800.93	710.01	630.05	713.66	11.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				141		%
Yttrium	89-2				100		%
Zinc	66-2	9773.33	8304.69	7744.87	8607.63	12.17	ppb
Zirconium	90-1	359.60	377.26	384.06	373.64	3.38	ppb
Zirconium	91-1	353.18	362.65	365.89	360.57	1.83	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29024.53	28375.54	26575.42	27991.83	4.53	ppb
Antimony	121-1	394.11	388.30	443.50	408.63	7.42	ppb
Arsenic	75-2	437.53	423.10	428.88	429.84	1.69	ppb
Barium	135-1	2640.16	2546.56	3001.85	2729.52	8.81	ppb
Barium	137-1	2630.39	2558.37	3004.81	2731.19	8.78	ppb
Beryllium	9-1	405.26	405.04	425.32	411.87	2.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				90		%
Boron	10-1	640.25	704.98	780.07	708.43	9.88	ppb
Boron	11-1	729.18	775.57	874.09	792.95	9.33	ppb
Bromine	81-1						cps
Cadmium	111-1	513.45	511.56	573.49	532.83	6.61	ppb
Cadmium	106-1	512.26	509.07	543.04	521.46	3.60	ppb
Cadmium	108-1	498.44	482.58	535.08	505.36	5.33	ppb
Calcium	43-1	163962.26	160938.39	176549.85	167150.17	4.95	ppb
Calcium	44-1	163787.88	158582.77	175327.75	165899.46	5.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530.01	530.28	502.11	520.80	3.11	ppb
Cobalt	59-2	643.99	636.83	628.75	636.53	1.20	ppb
Copper	63-2	6048.16	6023.22	5822.26	5964.55	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				90		%
Indium	115-1				104		%
Indium	115-2				78		%
Iron	54-2	58869.40	58478.43	56668.05	58005.29	2.02	ppb
Iron	56-2	58928.64	58530.51	57234.69	58231.28	1.52	ppb
Iron	57-2	60913.27	60646.12	58677.89	60079.10	2.03	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4198.87	4066.97	4531.07	4265.63	5.61	ppb
Lead	207-1	4095.75	3950.40	4298.15	4114.76	4.24	ppb
Lead	208-1	4128.66	3985.97	4406.00	4173.55	5.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	64631.15	65084.03	63281.81	64332.33	1.46	ppb
Manganese	55-2	9862.97	9896.98	9675.46	9811.80	1.22	ppb
Molybdenum	94-1	1827.34	1831.88	1884.75	1847.99	1.73	ppb
Molybdenum	95-1	1384.50	1396.20	1474.92	1418.54	3.47	ppb
Molybdenum	96-1	1449.19	1485.28	1487.77	1474.08	1.46	ppb
Molybdenum	97-1	1386.87	1433.56	1443.04	1421.16	2.12	ppb
Molybdenum	98-1	1397.42	1391.25	1455.10	1414.59	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	618.05	614.13	601.13	611.10	1.45	ppb
Phosphorus	31-2	1574.18	1592.21	1551.22	1572.54	1.31	ppb
Potassium	39-2	29814.07	29729.40	29021.10	29521.52	1.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				77		%
Selenium	82-1	383.60	389.06	418.38	397.01	4.71	ppb
Selenium	77-2	408.48	431.25	443.31	427.68	4.14	ppb
Selenium	78-2	401.17	387.56	399.28	396.00	1.86	ppb
Silicon	28-1	8227.29	8283.74	9002.30	8504.44	5.08	ppb
Silver	107-1	468.12	450.80	502.69	473.87	5.58	ppb
Silver	109-1	462.94	452.98	523.20	479.71	7.92	ppb
Sodium	23-2	79708.80	84053.43	80663.82	81475.35	2.80	ppb
Strontium	86-1	822.04	819.35	879.04	840.14	4.01	ppb
Strontium	88-1	815.16	801.06	874.79	830.34	4.71	ppb
Sulfur	34-1	222693.52	219141.32	245900.02	229244.95	6.34	ppb
Terbium	159-1				107		%
Terbium	159-2				90		%
Thallium	203-1	468.32	448.27	504.71	473.77	6.04	ppb
Thallium	205-1	456.07	448.32	487.56	463.99	4.48	ppb
Tin	118-1	473.78	470.54	539.05	494.45	7.82	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1947.29	1966.18	2092.61	2002.02	3.95	ppb
Uranium	238-1	452.34	443.20	486.64	460.73	4.97	ppb
Vanadium	51-2	678.23	674.91	651.07	668.07	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				133		%
Yttrium	89-2				100		%
Zinc	66-2	8217.79	8268.11	7979.30	8155.07	1.89	ppb
Zirconium	90-1	375.96	379.00	395.00	383.32	2.67	ppb
Zirconium	91-1	362.45	369.05	385.81	372.44	3.23	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30241.28	29154.99	28004.38	29133.55	3.84	ppb
Antimony	121-1	395.21	409.29	389.58	398.03	2.55	ppb
Arsenic	75-2	438.35	417.26	416.19	423.93	2.95	ppb
Barium	135-1	2660.27	2660.61	2634.99	2651.96	0.55	ppb
Barium	137-1	2677.59	2651.01	2631.89	2653.50	0.86	ppb
Beryllium	9-1	424.70	420.29	415.41	420.14	1.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	705.46	749.02	766.22	740.23	4.23	ppb
Boron	11-1	779.02	839.10	858.78	825.63	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	510.63	534.39	519.93	521.65	2.29	ppb
Cadmium	106-1	522.04	519.00	511.49	517.51	1.05	ppb
Cadmium	108-1	483.50	505.67	500.23	496.46	2.33	ppb
Calcium	43-1	172757.33	171750.85	165549.31	170019.16	2.30	ppb
Calcium	44-1	169130.36	166926.89	163688.83	166582.03	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	537.04	516.77	505.73	519.85	3.05	ppb
Cobalt	59-2	674.88	625.11	606.37	635.46	5.57	ppb
Copper	63-2	6156.30	5738.41	5796.19	5896.97	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				89		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	54-2	60903.17	58509.15	55762.49	58391.60	4.41	ppb
Iron	56-2	61125.11	56808.00	56544.34	58159.15	4.42	ppb
Iron	57-2	62931.44	60151.23	58144.02	60408.89	3.98	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4378.35	4264.90	4190.08	4277.78	2.22	ppb
Lead	207-1	4200.11	4163.40	4095.16	4152.89	1.28	ppb
Lead	208-1	4297.48	4184.23	4178.40	4220.03	1.59	ppb
Lithium	6-1				94		%
Magnesium	24-2	66728.02	63003.20	63053.62	64261.62	3.32	ppb
Manganese	55-2	10158.83	9756.32	9263.64	9726.26	4.61	ppb
Molybdenum	94-1	1900.59	1801.72	1810.13	1837.48	2.98	ppb
Molybdenum	95-1	1460.85	1386.92	1456.11	1434.63	2.88	ppb
Molybdenum	96-1	1520.79	1422.23	1466.30	1469.77	3.36	ppb
Molybdenum	97-1	1465.17	1412.15	1442.86	1440.06	1.85	ppb
Molybdenum	98-1	1491.89	1384.26	1453.39	1443.18	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	624.64	601.93	580.89	602.49	3.63	ppb
Phosphorus	31-2	1659.34	1601.13	1451.81	1570.76	6.81	ppb
Potassium	39-2	31268.15	30243.39	29116.86	30209.47	3.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				82		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	82-1	394.71	386.38	393.16	391.42	1.13	ppb
Selenium	77-2	444.93	430.93	444.58	440.15	1.81	ppb
Selenium	78-2	407.38	386.14	381.00	391.51	3.57	ppb
Silicon	28-1	8572.90	8264.87	8316.14	8384.64	1.97	ppb
Silver	107-1	471.64	481.27	456.94	469.95	2.61	ppb
Silver	109-1	448.16	465.64	477.27	463.69	3.16	ppb
Sodium	23-2	85033.78	80987.03	80702.65	82241.15	2.95	ppb
Strontium	86-1	849.58	833.95	836.46	839.99	1.00	ppb
Strontium	88-1	822.59	826.54	839.26	829.46	1.05	ppb
Sulfur	34-1	235432.56	223272.71	224218.70	227641.32	2.97	ppb
Terbium	159-1				108		%
Terbium	159-2				89		%
Thallium	203-1	478.80	483.55	467.24	476.53	1.76	ppb
Thallium	205-1	476.35	468.74	465.38	470.16	1.20	ppb
Tin	118-1	481.14	505.22	478.42	488.26	3.02	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2053.64	1977.74	1991.39	2007.59	2.02	ppb
Uranium	238-1	471.20	464.84	462.40	466.15	0.97	ppb
Vanadium	51-2	685.84	669.11	642.00	665.65	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				133		%
Yttrium	89-2				99		%
Zinc	66-2	8513.19	8103.77	7930.38	8182.45	3.66	ppb
Zirconium	90-1	395.18	375.41	383.03	384.54	2.59	ppb
Zirconium	91-1	380.13	361.33	371.50	370.99	2.54	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50056.26	51131.78	49820.84	50336.29	1.39	ppb
Antimony	121-1	487.92	516.86	477.41	494.06	4.14	ppb
Arsenic	75-2	507.44	523.86	487.09	506.13	3.64	ppb
Barium	135-1	2531.96	2556.40	2401.36	2496.57	3.34	ppb
Barium	137-1	2534.23	2564.23	2467.11	2521.85	1.97	ppb
Beryllium	9-1	460.15	465.41	468.64	464.73	0.92	ppb
Bismuth	209-1				92		%
Bismuth	209-2				80		%
Boron	10-1	417.16	453.47	470.28	446.97	6.07	ppb
Boron	11-1	453.62	500.03	518.96	490.87	6.85	ppb
Bromine	81-1						cps
Cadmium	111-1	465.38	494.91	469.41	476.57	3.36	ppb
Cadmium	106-1	468.92	494.20	469.46	477.53	3.02	ppb
Cadmium	108-1	484.67	499.06	482.67	488.80	1.83	ppb
Calcium	43-1	227902.16	233109.65	238200.26	233070.69	2.21	ppb
Calcium	44-1	227974.61	230492.38	228544.02	229003.67	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.02	515.29	488.80	499.37	2.81	ppb
Cobalt	59-2	515.57	536.29	506.83	519.56	2.91	ppb
Copper	63-2	5505.08	5560.83	5329.44	5465.12	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				87		%
Indium	115-1				94		%
Indium	115-2				77		%
Iron	54-2	130708.70	133308.90	128392.23	130803.28	1.88	ppb
Iron	56-2	128320.48	130450.92	127843.91	128871.77	1.08	ppb
Iron	57-2	132048.62	139153.27	128518.62	133240.17	4.07	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2481.03	2546.73	2592.64	2540.13	2.21	ppb
Lead	207-1	2503.29	2565.08	2622.41	2563.59	2.32	ppb
Lead	208-1	2471.60	2578.27	2621.31	2557.06	3.01	ppb
Lithium	6-1				89		%
Magnesium	24-2	262876.54	266872.27	258963.26	262904.02	1.50	ppb
Manganese	55-2	5057.06	5095.27	4887.75	5013.36	2.20	ppb
Molybdenum	94-1	4891.51	4940.92	4881.61	4904.68	0.65	ppb
Molybdenum	95-1	4818.84	4929.37	4930.79	4893.00	1.31	ppb
Molybdenum	96-1	4863.36	4861.63	5004.59	4909.86	1.67	ppb
Molybdenum	97-1	4827.56	4794.83	4804.35	4808.91	0.35	ppb
Molybdenum	98-1	4738.97	4843.91	4925.75	4836.21	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.47	539.87	509.62	523.32	2.93	ppb
Phosphorus	31-2	9654.46	9810.04	9034.74	9499.75	4.32	ppb
Potassium	39-2	126464.33	130238.09	128111.17	128271.20	1.47	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				91		%
Scandium	45-2				78		%
Selenium	82-1	483.90	508.00	500.28	497.39	2.47	ppb
Selenium	77-2	439.44	484.65	459.47	461.19	4.91	ppb
Selenium	78-2	498.12	521.08	487.78	502.32	3.39	ppb
Silicon	28-1	451.74	508.55	510.19	490.16	6.79	ppb
Silver	107-1	474.23	491.19	469.84	478.42	2.36	ppb
Silver	109-1	476.90	493.99	462.01	477.63	3.35	ppb
Sodium	23-2	264509.46	271666.65	265270.42	267148.84	1.47	ppb
Strontium	86-1	11953.05	12590.24	12738.38	12427.22	3.36	ppb
Strontium	88-1	11926.47	12468.79	12214.51	12203.26	2.22	ppb
Sulfur	34-1	11865.48	12094.32	12173.22	12044.34	1.33	ppb
Terbium	159-1				99		%
Terbium	159-2				87		%
Thallium	203-1	497.68	515.12	530.06	514.29	3.15	ppb
Thallium	205-1	484.10	513.97	523.16	507.08	4.03	ppb
Tin	118-1	497.51	521.83	487.52	502.29	3.51	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4951.69	5139.65	4949.28	5013.54	2.18	ppb
Uranium	238-1	498.70	511.16	537.08	515.65	3.80	ppb
Vanadium	51-2	501.17	522.66	487.24	503.69	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				78		%
Zinc	66-2	4865.09	5123.62	4849.91	4946.21	3.11	ppb
Zirconium	90-1	490.01	494.22	503.65	495.96	1.41	ppb
Zirconium	91-1	469.32	482.53	484.92	478.93	1.75	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.29	0.34	0.37	25.90	ppb
Antimony	121-1	0.07	0.06	0.09	0.07	15.14	ppb
Arsenic	75-2	0.01	0.02	0.04	0.02	73.58	ppb
Barium	135-1	0.01	0.06	0.02	0.03	80.67	ppb
Barium	137-1	0.04	0.02	0.03	0.03	47.11	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	7.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				84		%
Boron	10-1	24.51	22.14	23.12	23.26	5.12	ppb
Boron	11-1	24.96	25.26	25.33	25.18	0.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.22	-0.12	-0.18		ppb
Cadmium	106-1	-3.31	-3.34	-1.83	-2.83		ppb
Cadmium	108-1	-0.14	0.03	-0.04	-0.05		ppb
Calcium	43-1	3.87	2.23	0.86	2.32	64.95	ppb
Calcium	44-1	5.09	2.66	3.33	3.70	33.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.04	0.07	0.07	41.97	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.52	0.53	0.45	0.50	9.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				86		%
Indium	115-1				99		%
Indium	115-2				78		%
Iron	54-2	1.46	2.95	2.02	2.14	35.16	ppb
Iron	56-2	2.39	2.11	1.95	2.15	10.33	ppb
Iron	57-2	1.08	4.16	2.46	2.56	60.05	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	-0.02	-0.01	0.00		ppb
Lead	207-1	0.02	-0.04	-0.01	-0.01		ppb
Lead	208-1	0.02	-0.02	-0.01	0.00		ppb
Lithium	6-1				92		%
Magnesium	24-2	3.47	2.80	1.69	2.65	33.88	ppb
Manganese	55-2	0.13	0.13	0.10	0.12	14.66	ppb
Molybdenum	94-1	0.22	0.13	0.13	0.16	32.84	ppb
Molybdenum	95-1	0.25	0.16	0.17	0.19	23.90	ppb
Molybdenum	96-1	0.22	0.15	0.11	0.16	36.07	ppb
Molybdenum	97-1	0.28	0.16	0.11	0.18	46.09	ppb
Molybdenum	98-1	0.23	0.15	0.15	0.18	25.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.03	0.01	126.86	ppb
Phosphorus	31-2	-29.48	-19.16	-19.49	-22.71		ppb
Potassium	39-2	46.80	55.19	38.70	46.90	17.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				77		%
Selenium	82-1	0.77	0.01	0.69	0.49	85.77	ppb
Selenium	77-2	0.99	0.99	0.00	0.66	86.60	ppb
Selenium	78-2	0.39	0.30	1.35	0.68	85.56	ppb
Silicon	28-1	-1.29	-4.69	0.67	-1.77		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	0.01	0.01	0.00	542.53	ppb
Sodium	23-2	31.32	30.02	34.01	31.78	6.40	ppb
Strontium	86-1	0.30	0.23	0.12	0.22	40.42	ppb
Strontium	88-1	0.28	0.14	0.10	0.17	52.17	ppb
Sulfur	34-1	188.67	127.61	366.69	227.66	54.56	ppb
Terbium	159-1				98		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.01	0.02	0.01	66.40	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.78	ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.15	0.14	0.14	6.35	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	76.06	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	23.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				77		%
Zinc	66-2	-0.08	0.12	0.08	0.04	253.20	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	5.14	ppb
Zirconium	91-1	0.00	0.05	0.04	0.03	85.91	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4150.90	3976.38	3890.19	4005.82	3.32	ppb
Antimony	121-1	0.60	0.78	0.94	0.77	22.35	ppb
Arsenic	75-2	3.13	3.08	3.08	3.10	1.00	ppb
Barium	135-1	46.62	47.75	43.65	46.01	4.60	ppb
Barium	137-1	48.53	49.54	45.95	48.01	3.85	ppb
Beryllium	9-1	1.55	1.46	1.40	1.47	5.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				88		%
Boron	10-1	75.32	86.12	85.83	82.42	7.46	ppb
Boron	11-1	83.85	94.36	94.90	91.04	6.84	ppb
Bromine	81-1						cps
Cadmium	111-1	4.17	4.32	3.55	4.01	10.20	ppb
Cadmium	106-1	1.83	3.57	-0.44	1.65	121.89	ppb
Cadmium	108-1	3.58	3.98	3.02	3.53	13.68	ppb
Calcium	43-1	25241.10	25656.83	25756.18	25551.37	1.07	ppb
Calcium	44-1	26019.24	25572.48	25921.32	25837.68	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.00	5.11	4.97	5.03	1.40	ppb
Cobalt	59-2	19.57	19.07	18.74	19.13	2.19	ppb
Copper	63-2	94.42	90.17	91.26	91.95	2.40	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				89		%
Indium	115-1				100		%
Indium	115-2				80		%
Iron	54-2	6410.46	6270.35	6284.58	6321.80	1.22	ppb
Iron	56-2	6908.61	6622.33	6486.39	6672.44	3.23	ppb
Iron	57-2	6667.44	6499.31	6303.33	6490.03	2.81	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	444.00	441.37	422.03	435.80	2.75	ppb
Lead	207-1	431.00	415.39	392.04	412.81	4.75	ppb
Lead	208-1	428.88	422.34	406.29	419.17	2.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	2388.27	2232.01	2259.17	2293.15	3.64	ppb
Manganese	55-2	1034.02	1007.34	996.55	1012.63	1.90	ppb
Molybdenum	94-1	2.02	1.22	1.17	1.47	32.29	ppb
Molybdenum	95-1	0.67	0.13	0.10	0.30	107.80	ppb
Molybdenum	96-1	0.88	0.31	0.23	0.47	75.68	ppb
Molybdenum	97-1	0.68	0.12	0.09	0.30	110.35	ppb
Molybdenum	98-1	0.65	0.12	0.10	0.29	107.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.23	18.34	17.76	18.11	1.72	ppb
Phosphorus	31-2	264.58	313.93	258.65	279.05	10.88	ppb
Potassium	39-2	1896.78	1732.08	1825.96	1818.27	4.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				78		%
Selenium	82-1	0.98	0.81	0.29	0.69	52.20	ppb
Selenium	77-2	8.20	12.01	12.60	10.94	21.84	ppb
Selenium	78-2	3.10	4.17	3.03	3.43	18.67	ppb
Silicon	28-1	1872.25	1852.99	1895.60	1873.62	1.14	ppb
Silver	107-1	0.20	0.21	0.27	0.22	17.20	ppb
Silver	109-1	0.12	0.30	0.27	0.23	42.41	ppb
Sodium	23-2	6123.06	5825.46	5695.41	5881.31	3.73	ppb
Strontium	86-1	117.56	115.09	113.23	115.30	1.88	ppb
Strontium	88-1	120.92	115.76	114.35	117.01	2.95	ppb
Sulfur	34-1	49179.98	48527.00	49423.69	49043.56	0.95	ppb
Terbium	159-1				101		%
Terbium	159-2				89		%
Thallium	203-1	0.22	0.03	0.03	0.09	111.18	ppb
Thallium	205-1	0.20	0.04	0.03	0.09	101.02	ppb
Tin	118-1	0.20	0.10	0.13	0.15	33.99	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.35	4.66	4.76	5.26	18.11	ppb
Uranium	238-1	0.82	0.68	0.67	0.72	11.46	ppb
Vanadium	51-2	34.05	32.10	32.27	32.81	3.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				84		%
Zinc	66-2	661.34	644.60	635.67	647.20	2.01	ppb
Zirconium	90-1	0.69	0.62	0.64	0.65	4.96	ppb
Zirconium	91-1	0.76	0.64	0.64	0.68	9.78	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:22:43	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3943.34	3926.33	3938.93	3936.20	0.22	ppb
Antimony	121-1	0.74	0.93	1.08	0.92	18.94	ppb
Arsenic	75-2	3.19	2.94	3.17	3.10	4.53	ppb
Barium	135-1	46.92	46.59	46.43	46.65	0.54	ppb
Barium	137-1	48.56	48.85	48.96	48.79	0.42	ppb
Beryllium	9-1	1.41	1.35	1.36	1.37	2.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				87		%
Boron	10-1	82.32	81.96	90.23	84.83	5.51	ppb
Boron	11-1	90.68	90.83	98.52	93.34	4.80	ppb
Bromine	81-1						cps
Cadmium	111-1	3.88	3.96	3.71	3.85	3.37	ppb
Cadmium	106-1	0.72	1.41	2.26	1.46	52.54	ppb
Cadmium	108-1	4.01	4.24	3.57	3.94	8.67	ppb
Calcium	43-1	25397.48	25757.86	26427.74	25861.03	2.02	ppb
Calcium	44-1	25048.96	25757.86	26067.96	25624.92	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.22	4.87	4.93	5.01	3.76	ppb
Cobalt	59-2	18.65	18.74	19.16	18.85	1.44	ppb
Copper	63-2	92.07	90.93	92.32	91.77	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				87		%
Indium	115-1				100		%
Indium	115-2				79		%
Iron	54-2	6288.46	6247.41	6314.83	6283.57	0.54	ppb
Iron	56-2	6569.15	6626.60	6569.08	6588.28	0.50	ppb
Iron	57-2	6349.29	6364.09	6350.33	6354.57	0.13	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:22:43	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	440.75	442.77	438.73	440.75	0.46	ppb
Lead	207-1	419.92	425.78	427.51	424.40	0.94	ppb
Lead	208-1	432.50	430.29	419.19	427.33	1.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	2308.16	2274.74	2240.49	2274.46	1.49	ppb
Manganese	55-2	986.57	1005.52	1015.72	1002.60	1.48	ppb
Molybdenum	94-1	1.13	1.17	1.19	1.16	2.97	ppb
Molybdenum	95-1	0.10	0.12	0.09	0.10	16.68	ppb
Molybdenum	96-1	0.22	0.26	0.22	0.23	8.48	ppb
Molybdenum	97-1	0.08	0.07	0.06	0.07	15.92	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	16.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.20	17.85	18.17	17.74	2.77	ppb
Phosphorus	31-2	287.85	309.55	345.73	314.38	9.30	ppb
Potassium	39-2	1788.55	1810.30	1787.70	1795.51	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				85		%
Scandium	45-1				94		%
Scandium	45-2				78		%
Selenium	82-1	0.86	0.92	0.40	0.73	38.66	ppb
Selenium	77-2	14.44	12.74	10.23	12.47	17.00	ppb
Selenium	78-2	4.10	4.89	5.22	4.74	12.14	ppb
Silicon	28-1	1825.08	1859.49	1882.47	1855.68	1.56	ppb
Silver	107-1	0.24	0.24	0.25	0.24	1.85	ppb
Silver	109-1	0.26	0.27	0.25	0.26	3.22	ppb
Sodium	23-2	6009.59	5892.64	5826.14	5909.46	1.57	ppb
Strontium	86-1	115.66	112.71	114.65	114.34	1.31	ppb
Strontium	88-1	118.67	117.68	117.91	118.09	0.44	ppb
Sulfur	34-1	49873.87	49096.80	50146.73	49705.80	1.10	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.01	0.01	0.01	49.74	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.21	ppb
Tin	118-1	0.13	0.12	0.12	0.12	4.33	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:22:43	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.91	4.73	4.32	4.65	6.47	ppb
Uranium	238-1	0.73	0.67	0.68	0.69	4.33	ppb
Vanadium	51-2	33.32	32.15	32.87	32.78	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				84		%
Zinc	66-2	641.30	636.32	636.35	637.99	0.45	ppb
Zirconium	90-1	0.67	0.67	0.63	0.66	3.21	ppb
Zirconium	91-1	0.58	0.68	0.66	0.64	8.52	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	745.16	778.96	770.62	764.91	2.30	ppb
Antimony	121-1	0.24	0.17	0.13	0.18	30.07	ppb
Arsenic	75-2	0.63	0.57	0.59	0.60	5.45	ppb
Barium	135-1	10.91	9.37	8.72	9.67	11.61	ppb
Barium	137-1	11.15	9.68	9.17	10.00	10.25	ppb
Beryllium	9-1	0.34	0.29	0.29	0.31	9.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	36.04	31.63	32.59	33.42	6.94	ppb
Boron	11-1	39.57	35.12	35.93	36.87	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.84	0.63	0.78	0.75	14.05	ppb
Cadmium	106-1	-1.11	-1.58	-0.47	-1.05		ppb
Cadmium	108-1	0.72	0.79	0.45	0.65	27.22	ppb
Calcium	43-1	5806.70	5155.52	5136.95	5366.39	7.11	ppb
Calcium	44-1	6050.08	5229.31	5242.56	5507.32	8.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.93	0.94	1.09	0.99	8.86	ppb
Cobalt	59-2	3.43	3.82	3.48	3.57	5.96	ppb
Copper	63-2	17.44	18.41	18.21	18.02	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				81		%
Iron	54-2	1189.04	1240.93	1208.64	1212.87	2.16	ppb
Iron	56-2	1250.90	1328.46	1311.57	1296.98	3.14	ppb
Iron	57-2	1183.41	1274.71	1230.42	1229.52	3.71	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	91.98	80.96	79.34	84.09	8.18	ppb
Lead	207-1	89.12	77.82	74.86	80.60	9.34	ppb
Lead	208-1	90.76	79.27	76.58	82.20	9.16	ppb
Lithium	6-1				88		%
Magnesium	24-2	434.29	450.46	447.06	443.93	1.92	ppb
Manganese	55-2	186.72	194.06	193.21	191.33	2.10	ppb
Molybdenum	94-1	0.51	0.38	0.35	0.41	21.00	ppb
Molybdenum	95-1	0.17	0.10	0.08	0.11	40.85	ppb
Molybdenum	96-1	0.18	0.11	0.10	0.13	30.55	ppb
Molybdenum	97-1	0.17	0.10	0.07	0.11	45.31	ppb
Molybdenum	98-1	0.15	0.09	0.07	0.10	40.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.17	3.38	3.26	3.27	3.11	ppb
Phosphorus	31-2	56.36	28.87	55.15	46.79	33.19	ppb
Potassium	39-2	356.58	372.97	358.19	362.58	2.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				79		%
Selenium	82-1	0.27	0.18	0.56	0.34	58.77	ppb
Selenium	77-2	2.73	1.95	0.95	1.88	47.61	ppb
Selenium	78-2	1.04	-0.10	0.77	0.57	104.48	ppb
Silicon	28-1	438.56	363.34	377.37	393.09	10.18	ppb
Silver	107-1	0.06	0.03	0.04	0.04	31.19	ppb
Silver	109-1	0.06	0.06	0.04	0.05	25.03	ppb
Sodium	23-2	1074.65	1126.32	1126.02	1109.00	2.68	ppb
Strontium	86-1	28.62	23.41	23.71	25.25	11.58	ppb
Strontium	88-1	28.39	24.09	23.77	25.42	10.15	ppb
Sulfur	34-1	16296.93	12970.07	13069.32	14112.11	13.41	ppb
Terbium	159-1				97		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	-0.02	0.00	0.00		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.11	1.02	1.18	1.10	7.32	ppb
Uranium	238-1	0.18	0.13	0.12	0.14	20.77	ppb
Vanadium	51-2	6.04	6.57	6.24	6.28	4.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				81		%
Zinc	66-2	116.21	124.45	122.46	121.04	3.55	ppb
Zirconium	90-1	0.18	0.15	0.14	0.16	14.18	ppb
Zirconium	91-1	0.17	0.12	0.16	0.15	16.80	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5606.25	5525.83	5355.17	5495.75	2.33	ppb
Antimony	121-1	80.24	80.22	80.07	80.18	0.12	ppb
Arsenic	75-2	102.77	100.27	97.30	100.11	2.74	ppb
Barium	135-1	513.73	521.39	516.36	517.16	0.75	ppb
Barium	137-1	523.65	533.59	530.34	529.19	0.96	ppb
Beryllium	9-1	88.38	91.07	90.10	89.85	1.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				88		%
Boron	10-1	139.75	155.22	161.21	152.06	7.28	ppb
Boron	11-1	153.99	171.58	181.20	168.92	8.17	ppb
Bromine	81-1						cps
Cadmium	111-1	104.63	105.63	106.50	105.59	0.89	ppb
Cadmium	106-1	95.50	103.42	104.23	101.05	4.77	ppb
Cadmium	108-1	100.08	103.71	99.20	101.00	2.37	ppb
Calcium	43-1	32678.07	32598.94	32581.24	32619.42	0.16	ppb
Calcium	44-1	32452.21	33238.37	33642.23	33110.94	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.91	101.22	99.32	100.81	1.33	ppb
Cobalt	59-2	121.94	120.84	116.16	119.65	2.56	ppb
Copper	63-2	1204.91	1185.37	1178.91	1189.73	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				88		%
Indium	115-1				100		%
Indium	115-2				79		%
Iron	54-2	11034.97	11059.14	10756.70	10950.27	1.53	ppb
Iron	56-2	11938.87	11641.39	11302.02	11627.43	2.74	ppb
Iron	57-2	11290.45	11126.59	10720.13	11045.72	2.66	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	834.62	893.96	867.75	865.44	3.44	ppb
Lead	207-1	826.29	916.71	852.15	865.05	5.38	ppb
Lead	208-1	843.27	881.71	854.80	859.93	2.29	ppb
Lithium	6-1				92		%
Magnesium	24-2	13252.33	12867.84	12762.08	12960.75	1.99	ppb
Manganese	55-2	2004.25	1940.33	1917.49	1954.02	2.30	ppb
Molybdenum	94-1	424.43	442.02	454.49	440.31	3.43	ppb
Molybdenum	95-1	328.63	338.65	350.56	339.28	3.24	ppb
Molybdenum	96-1	347.74	349.93	356.67	351.44	1.32	ppb
Molybdenum	97-1	329.31	343.22	355.08	342.54	3.77	ppb
Molybdenum	98-1	328.01	345.54	358.86	344.14	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.87	120.57	116.37	119.27	2.11	ppb
Phosphorus	31-2	311.11	309.89	250.02	290.34	12.03	ppb
Potassium	39-2	5842.48	5664.78	5689.88	5732.38	1.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				79		%
Selenium	82-1	90.93	91.60	95.40	92.65	2.60	ppb
Selenium	77-2	99.18	93.55	95.55	96.09	2.97	ppb
Selenium	78-2	98.59	93.78	91.14	94.50	4.00	ppb
Silicon	28-1	1737.35	1735.95	1713.90	1729.07	0.76	ppb
Silver	107-1	92.40	96.22	94.85	94.49	2.05	ppb
Silver	109-1	93.44	95.55	95.70	94.90	1.33	ppb
Sodium	23-2	16449.02	15953.15	15658.07	16020.08	2.49	ppb
Strontium	86-1	188.81	196.39	203.55	196.25	3.76	ppb
Strontium	88-1	191.71	198.32	201.15	197.06	2.46	ppb
Sulfur	34-1	47604.16	45341.15	45839.83	46261.71	2.57	ppb
Terbium	159-1				105		%
Terbium	159-2				87		%
Thallium	203-1	89.50	94.53	89.26	91.10	3.27	ppb
Thallium	205-1	87.83	94.38	91.43	91.22	3.60	ppb
Tin	118-1	93.71	93.36	94.31	93.79	0.51	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	380.66	389.31	386.99	385.66	1.16	ppb
Uranium	238-1	95.06	98.29	91.15	94.83	3.77	ppb
Vanadium	51-2	133.14	131.29	127.28	130.57	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				84		%
Zinc	66-2	1650.59	1586.75	1558.59	1598.64	2.95	ppb
Zirconium	90-1	89.18	90.24	92.93	90.78	2.13	ppb
Zirconium	91-1	86.70	89.65	89.70	88.68	1.94	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5623.81	5256.17	5475.58	5451.85	3.39	ppb
Antimony	121-1	83.89	80.09	79.36	81.11	3.00	ppb
Arsenic	75-2	101.07	97.16	97.05	98.43	2.33	ppb
Barium	135-1	529.52	521.40	517.30	522.74	1.19	ppb
Barium	137-1	553.76	538.21	541.23	544.40	1.51	ppb
Beryllium	9-1	95.25	91.09	88.73	91.69	3.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				87		%
Boron	10-1	161.27	159.37	165.79	162.14	2.04	ppb
Boron	11-1	172.50	174.79	180.07	175.79	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	112.54	107.32	107.52	109.12	2.71	ppb
Cadmium	106-1	114.82	101.55	105.49	107.29	6.35	ppb
Cadmium	108-1	106.05	101.57	105.63	104.42	2.37	ppb
Calcium	43-1	34531.24	34672.30	33080.26	34094.60	2.58	ppb
Calcium	44-1	34394.29	34298.05	33552.50	34081.62	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.01	97.17	101.45	100.88	3.43	ppb
Cobalt	59-2	119.78	114.45	120.75	118.33	2.87	ppb
Copper	63-2	1193.92	1183.95	1151.96	1176.61	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				90		%
Indium	115-1				101		%
Indium	115-2				80		%
Iron	54-2	11024.68	10651.60	10909.31	10861.86	1.76	ppb
Iron	56-2	11512.69	11039.60	11348.67	11300.32	2.13	ppb
Iron	57-2	11451.58	10716.53	11198.03	11122.04	3.36	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	879.23	859.45	889.44	876.04	1.74	ppb
Lead	207-1	859.67	862.23	841.83	854.58	1.30	ppb
Lead	208-1	865.70	856.42	852.16	858.09	0.81	ppb
Lithium	6-1				91		%
Magnesium	24-2	13823.61	12326.95	13332.25	13160.94	5.80	ppb
Manganese	55-2	2022.12	1844.28	1932.03	1932.81	4.60	ppb
Molybdenum	94-1	454.26	444.97	438.86	446.03	1.74	ppb
Molybdenum	95-1	345.46	340.04	339.90	341.80	0.93	ppb
Molybdenum	96-1	369.14	359.53	346.57	358.41	3.16	ppb
Molybdenum	97-1	347.31	342.83	339.95	343.36	1.08	ppb
Molybdenum	98-1	357.39	344.75	339.04	347.06	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.02	116.61	119.84	119.15	1.91	ppb
Phosphorus	31-2	309.68	275.57	355.17	313.47	12.74	ppb
Potassium	39-2	5797.90	5593.63	5831.88	5741.14	2.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				78		%
Selenium	82-1	97.91	94.00	92.68	94.86	2.86	ppb
Selenium	77-2	87.08	104.98	106.35	99.47	10.81	ppb
Selenium	78-2	94.39	91.03	90.78	92.07	2.19	ppb
Silicon	28-1	1796.89	1762.48	1731.01	1763.46	1.87	ppb
Silver	107-1	101.25	95.02	97.02	97.77	3.25	ppb
Silver	109-1	102.48	94.39	98.05	98.31	4.12	ppb
Sodium	23-2	16659.75	15175.11	16876.53	16237.13	5.70	ppb
Strontium	86-1	208.05	201.00	196.63	201.90	2.86	ppb
Strontium	88-1	204.42	195.54	200.92	200.29	2.23	ppb
Sulfur	34-1	48525.65	46717.49	46126.28	47123.14	2.65	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	92.21	90.02	91.68	91.30	1.25	ppb
Thallium	205-1	94.30	89.34	92.57	92.07	2.73	ppb
Tin	118-1	98.59	93.66	98.35	96.87	2.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	412.45	404.60	393.73	403.59	2.33	ppb
Uranium	238-1	94.89	90.68	93.91	93.16	2.37	ppb
Vanadium	51-2	130.02	125.12	130.50	128.55	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				84		%
Zinc	66-2	1592.65	1536.00	1615.04	1581.23	2.58	ppb
Zirconium	90-1	92.28	90.18	91.05	91.17	1.16	ppb
Zirconium	91-1	88.25	88.90	87.25	88.13	0.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5709.64	5449.68	5319.72	5493.01	3.61	ppb
Antimony	121-1	78.86	77.78	80.27	78.97	1.58	ppb
Arsenic	75-2	100.03	94.67	97.16	97.29	2.75	ppb
Barium	135-1	508.59	488.45	511.17	502.74	2.47	ppb
Barium	137-1	522.04	511.70	540.67	524.80	2.80	ppb
Beryllium	9-1	85.79	86.06	86.81	86.22	0.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				89		%
Boron	10-1	154.12	157.15	166.53	159.27	4.06	ppb
Boron	11-1	163.62	174.60	186.16	174.79	6.45	ppb
Bromine	81-1						cps
Cadmium	111-1	109.29	102.94	106.54	106.26	3.00	ppb
Cadmium	106-1	102.89	99.84	103.64	102.12	1.97	ppb
Cadmium	108-1	96.30	95.54	101.92	97.92	3.56	ppb
Calcium	43-1	32509.20	31413.23	32908.91	32277.12	2.40	ppb
Calcium	44-1	32293.56	32435.87	31847.88	32192.44	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.57	101.10	97.55	100.41	2.57	ppb
Cobalt	59-2	120.22	118.55	116.50	118.42	1.57	ppb
Copper	63-2	1186.10	1191.16	1159.28	1178.84	1.45	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				88		%
Indium	115-1				104		%
Indium	115-2				80		%
Iron	54-2	11032.81	10989.07	10817.69	10946.52	1.04	ppb
Iron	56-2	11400.13	11424.15	11168.78	11331.02	1.24	ppb
Iron	57-2	10975.88	10878.28	10735.40	10863.18	1.11	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	848.97	847.84	833.90	843.57	1.00	ppb
Lead	207-1	832.70	824.31	815.84	824.28	1.02	ppb
Lead	208-1	835.14	832.65	819.99	829.26	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	13516.88	12650.18	12765.85	12977.64	3.63	ppb
Manganese	55-2	1951.89	1922.64	1890.68	1921.74	1.59	ppb
Molybdenum	94-1	418.95	425.93	446.44	430.44	3.32	ppb
Molybdenum	95-1	324.44	328.46	345.65	332.85	3.38	ppb
Molybdenum	96-1	348.22	345.22	369.52	354.32	3.74	ppb
Molybdenum	97-1	326.50	328.68	351.99	335.72	4.21	ppb
Molybdenum	98-1	333.53	323.76	354.66	337.32	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.17	119.97	117.51	119.21	1.24	ppb
Phosphorus	31-2	319.18	295.35	261.38	291.97	9.95	ppb
Potassium	39-2	5956.00	5657.30	5695.02	5769.44	2.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				78		%
Selenium	82-1	91.53	90.18	93.00	91.57	1.54	ppb
Selenium	77-2	92.37	87.40	105.83	95.20	10.02	ppb
Selenium	78-2	91.23	93.71	82.36	89.10	6.70	ppb
Silicon	28-1	1644.43	1632.11	1669.26	1648.60	1.15	ppb
Silver	107-1	96.04	90.74	93.80	93.53	2.85	ppb
Silver	109-1	95.71	90.70	93.12	93.18	2.69	ppb
Sodium	23-2	16106.66	15611.44	16123.61	15947.24	1.82	ppb
Strontium	86-1	186.58	192.65	200.85	193.36	3.70	ppb
Strontium	88-1	188.27	198.48	197.54	194.76	2.90	ppb
Sulfur	34-1	45457.47	44420.44	45374.45	45084.12	1.28	ppb
Terbium	159-1				105		%
Terbium	159-2				88		%
Thallium	203-1	87.40	89.87	89.71	88.99	1.55	ppb
Thallium	205-1	91.19	89.54	89.43	90.05	1.09	ppb
Tin	118-1	95.22	92.17	93.44	93.61	1.63	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	381.13	383.04	389.45	384.54	1.13	ppb
Uranium	238-1	90.92	90.88	90.05	90.62	0.55	ppb
Vanadium	51-2	131.99	128.08	124.39	128.15	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				84		%
Zinc	66-2	1589.41	1587.88	1574.60	1583.96	0.51	ppb
Zirconium	90-1	87.19	87.52	90.55	88.42	2.09	ppb
Zirconium	91-1	84.83	84.01	88.04	85.63	2.49	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50046.35	51468.76	49494.75	50336.62	2.02	ppb
Antimony	121-1	481.01	496.36	473.30	483.56	2.43	ppb
Arsenic	75-2	498.50	499.84	498.16	498.84	0.18	ppb
Barium	135-1	2494.44	2558.83	2492.72	2515.33	1.50	ppb
Barium	137-1	2429.02	2528.58	2533.98	2497.19	2.37	ppb
Beryllium	9-1	461.80	469.00	459.22	463.34	1.09	ppb
Bismuth	209-1				93		%
Bismuth	209-2				81		%
Boron	10-1	392.57	441.92	458.23	430.91	7.93	ppb
Boron	11-1	441.58	474.79	497.34	471.23	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	472.31	474.39	468.54	471.74	0.63	ppb
Cadmium	106-1	476.99	480.31	466.08	474.46	1.57	ppb
Cadmium	108-1	475.64	486.00	479.88	480.51	1.08	ppb
Calcium	43-1	236745.30	238710.62	236235.22	237230.38	0.55	ppb
Calcium	44-1	224462.13	238958.32	231224.04	231548.16	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.17	506.66	492.83	494.89	2.20	ppb
Cobalt	59-2	506.55	519.97	511.09	512.54	1.33	ppb
Copper	63-2	5271.13	5533.48	5485.74	5430.12	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				78		%
Iron	54-2	125941.52	131365.17	128495.70	128600.80	2.11	ppb
Iron	56-2	127302.74	130154.82	129347.82	128935.13	1.14	ppb
Iron	57-2	127760.25	132157.82	131774.13	130564.07	1.87	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2475.26	2477.68	2536.30	2496.41	1.38	ppb
Lead	207-1	2569.60	2544.11	2547.45	2553.72	0.54	ppb
Lead	208-1	2555.95	2545.54	2536.78	2546.09	0.38	ppb
Lithium	6-1				91		%
Magnesium	24-2	255465.15	265309.38	264030.59	261601.71	2.05	ppb
Manganese	55-2	4850.70	5115.18	4916.57	4960.81	2.78	ppb
Molybdenum	94-1	5026.66	4784.86	4817.16	4876.23	2.69	ppb
Molybdenum	95-1	4949.76	4700.05	4872.66	4840.82	2.64	ppb
Molybdenum	96-1	4995.87	4838.54	4808.57	4880.99	2.06	ppb
Molybdenum	97-1	4861.99	4796.54	4785.74	4814.76	0.86	ppb
Molybdenum	98-1	4855.39	4766.81	4862.27	4828.16	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.94	530.57	522.85	522.45	1.59	ppb
Phosphorus	31-2	9386.47	9665.28	9368.57	9473.44	1.76	ppb
Potassium	39-2	124310.06	127144.57	127210.56	126221.73	1.31	ppb
Rhodium	103-1				89		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				80		%
Selenium	82-1	492.68	486.34	497.82	492.28	1.17	ppb
Selenium	77-2	460.11	504.13	459.42	474.55	5.40	ppb
Selenium	78-2	498.09	484.90	484.76	489.25	1.57	ppb
Silicon	28-1	444.76	490.63	517.89	484.43	7.63	ppb
Silver	107-1	479.38	476.50	469.97	475.28	1.01	ppb
Silver	109-1	485.43	485.69	464.25	478.45	2.57	ppb
Sodium	23-2	253243.18	273699.42	269938.73	265627.11	4.10	ppb
Strontium	86-1	12439.24	11852.15	12442.19	12244.53	2.78	ppb
Strontium	88-1	12318.97	11870.13	12291.59	12160.23	2.07	ppb
Sulfur	34-1	11764.97	12242.16	11667.73	11891.62	2.59	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	508.56	505.59	519.53	511.23	1.44	ppb
Thallium	205-1	500.26	505.30	502.63	502.73	0.50	ppb
Tin	118-1	493.04	498.91	483.48	491.81	1.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4903.17	5069.51	4917.02	4963.24	1.86	ppb
Uranium	238-1	510.94	501.71	505.17	505.94	0.92	ppb
Vanadium	51-2	502.66	511.40	496.89	503.65	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				80		%
Zinc	66-2	4819.62	5003.03	4958.83	4927.16	1.94	ppb
Zirconium	90-1	504.78	479.83	504.66	496.42	2.89	ppb
Zirconium	91-1	485.86	470.08	480.61	478.85	1.68	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:49:06	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	1.09	0.70	0.92	21.49	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	12.34	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	80.56	ppb
Barium	135-1	0.08	0.03	0.02	0.04	75.79	ppb
Barium	137-1	0.04	0.03	0.06	0.04	44.71	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	18.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				88		%
Boron	10-1	16.24	12.04	14.45	14.24	14.78	ppb
Boron	11-1	16.49	14.10	15.67	15.42	7.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.18	-0.23	-0.21		ppb
Cadmium	106-1	-3.41	-2.95	-3.19	-3.18		ppb
Cadmium	108-1	0.14	-0.13	-0.05	-0.01		ppb
Calcium	43-1	5.15	1.42	2.23	2.93	66.92	ppb
Calcium	44-1	7.02	-2.27	2.63	2.46	188.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	-0.01	0.00	0.03	187.59	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.51	0.38	0.36	0.42	19.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				88		%
Indium	115-1				105		%
Indium	115-2				81		%
Iron	54-2	5.15	2.04	2.19	3.13	56.10	ppb
Iron	56-2	3.58	2.75	2.46	2.93	19.80	ppb
Iron	57-2	3.51	3.56	2.30	3.12	22.95	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:49:06	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	-0.03	0.01	0.02	261.25	ppb
Lead	207-1	0.02	-0.03	-0.02	-0.01		ppb
Lead	208-1	0.04	-0.02	0.00	0.01	355.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	7.03	4.59	4.21	5.28	29.07	ppb
Manganese	55-2	0.16	0.11	0.16	0.14	19.68	ppb
Molybdenum	94-1	0.32	0.14	0.21	0.23	40.64	ppb
Molybdenum	95-1	0.30	0.15	0.19	0.21	34.93	ppb
Molybdenum	96-1	0.26	0.14	0.15	0.18	34.98	ppb
Molybdenum	97-1	0.26	0.17	0.12	0.18	39.74	ppb
Molybdenum	98-1	0.26	0.16	0.19	0.20	24.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.02	0.00		ppb
Phosphorus	31-2	-24.72	-16.12	-26.89	-22.58		ppb
Potassium	39-2	58.58	18.78	27.38	34.91	59.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				86		%
Scandium	45-1				99		%
Scandium	45-2				80		%
Selenium	82-1	0.43	0.22	0.22	0.29	41.41	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.15	1.26	0.60	1.00	35.62	ppb
Silicon	28-1	-0.66	-22.58	-5.83	-9.69		ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	34.72	22.01	28.05	28.26	22.50	ppb
Strontium	86-1	0.28	0.15	0.20	0.21	30.94	ppb
Strontium	88-1	0.30	0.15	0.17	0.21	38.94	ppb
Sulfur	34-1	463.05	-1670.99	186.82	-340.37		ppb
Terbium	159-1				106		%
Terbium	159-2				87		%
Thallium	203-1	0.04	0.01	0.01	0.02	94.25	ppb
Thallium	205-1	0.04	0.01	0.02	0.02	48.97	ppb
Tin	118-1	-0.01	-0.05	-0.02	-0.03		ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:49:06	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.04	0.08	0.07	37.27	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	36.63	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	72.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				81		%
Zinc	66-2	0.24	0.01	0.00	0.08	166.03	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	121.23	ppb
Zirconium	91-1	0.05	0.01	0.04	0.03	49.58	ppb

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	44	65	58	21.19	cps
Antimony	121-1	67	58	42	56	22.91	cps
Arsenic	75-2	2	2	3	2	24.74	cps
Barium	135-1	58	33	8	33	75.01	cps
Barium	137-1	108	33	33	58	74.24	cps
Beryllium	9-1	24	15	21	20	22.53	cps
Bismuth	209-1	6243408	5963080	5989426	6065305	2.55	cps
Bismuth	209-2	3179920	3004114	3888544	3357526	13.94	cps
Boron	10-1	398	418	400	405	2.72	cps
Boron	11-1	1850	1744	1768	1787	3.11	cps
Bromine	81-1	27676	27014	27826	27505	1.57	cps
Cadmium	111-1	3160	3122	2647	2976	9.61	cps
Cadmium	106-1	4501	4476	3792	4256	9.45	cps
Cadmium	108-1	17	33	29	26	32.86	cps
Calcium	43-1	191	137	144	157	18.67	cps
Calcium	44-1	10102	9317	9311	9577	4.75	cps
Carbon	12-1	3101243	3101682	3095874	3099599	0.10	cps
Carbon	12-2	42153	41919	40807	41626	1.73	cps
Chlorine	35-1	448255	448412	439010	445226	1.21	cps
Chlorine	35-2	3075	3300	3075	3150	4.12	cps
Chromium	52-2	520	500	500	507	2.28	cps
Cobalt	59-2	70	93	53	72	27.82	cps
Copper	63-2	597	580	520	566	7.13	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	33	100	69	48.50	cps
Erbium	164-2	33	30	33	32	5.97	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	107	113	163	128	24.24	cps
Holmium	165-1	9072901	9043671	9155580	9090717	0.64	cps
Holmium	165-2	4177502	4010094	5175338	4454311	14.14	cps
Indium	115-1	7466500	7474555	7433534	7458197	0.29	cps
Indium	115-2	1142538	1096571	1417036	1218715	14.22	cps
Iron	54-2	578	489	506	524	9.02	cps
Iron	56-2	2456	2500	2278	2411	4.88	cps
Iron	57-2	67	122	106	98	29.04	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	317	350	361	343	6.62	cps
Lead	206-1	894	711	639	748	17.61	cps
Lead	207-1	744	672	572	663	13.04	cps
Lead	208-1	3422	2611	2734	2922	14.97	cps
Lithium	6-1	2516883	2555696	2476631	2516403	1.57	cps
Magnesium	24-2	150	233	350	244	41.10	cps
Manganese	55-2	60	60	70	63	9.12	cps
Molybdenum	94-1	183	200	292	225	25.93	cps
Molybdenum	95-1	33	42	17	31	41.66	cps
Molybdenum	96-1	117	217	125	153	36.32	cps
Molybdenum	97-1	50	25	42	39	32.73	cps
Molybdenum	98-1	117	42	75	78	48.31	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	30	7	24	64.43	cps
Phosphorus	31-2	75	150	100	108	35.25	cps
Potassium	39-2	16685	16243	17019	16649	2.34	cps
Rhodium	103-1	7501914	7552868	7550112	7534965	0.38	cps
Rhodium	103-2	3346641	3282511	4122961	3584038	13.05	cps
Scandium	45-1	5436612	5189166	5355267	5327015	2.37	cps
Scandium	45-2	168529	159498	199200	175742	11.84	cps
Selenium	82-1	-14	-46	-29	-30	-54.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	32	47	37	22.46	cps
Silicon	28-1	512884	523928	501208	512673	2.22	cps
Silver	107-1	308	542	425	425	27.45	cps
Silver	109-1	233	275	392	300	27.36	cps
Sodium	23-2	7961	8336	8369	8222	2.76	cps
Strontium	86-1	742	575	542	619	17.30	cps
Strontium	88-1	1709	392	400	833	90.94	cps
Sulfur	34-1	321658	327136	324171	324322	0.85	cps
Terbium	159-1	9558149	9635085	9344077	9512437	1.59	cps
Terbium	159-2	4212225	3950358	4942641	4368408	11.77	cps
Thallium	203-1	283	342	300	308	9.74	cps
Thallium	205-1	692	625	617	644	6.38	cps
Tin	118-1	1001	433	350	595	59.57	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:25:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	58	117	106	40.52	cps
Uranium	238-1	125	58	50	78	52.85	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Ytterbium	172-1	33	42	67	47	36.74	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1717	1800	1800	1772	2.71	cps
Ytterbium	176-2	9470	9109	11756	10112	14.19	cps
Yttrium	89-1	10735527	10672551	10796332	10734803	0.58	cps
Yttrium	89-2	1183361	1109214	1425336	1239304	13.34	cps
Zinc	66-2	287	267	250	268	6.86	cps
Zirconium	90-1	700	708	625	678	6.77	cps
Zirconium	91-1	192	75	108	125	48.07	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1052	1076	996	1042	3.94	cps
Antimony	121-1	9837	10838	10388	10354	4.84	cps
Arsenic	75-2	186	171	174	177	4.48	cps
Barium	135-1	12156	12573	12214	12314	1.83	cps
Barium	137-1	21643	22795	21618	22018	3.05	cps
Beryllium	9-1	1740	1804	1766	1770	1.81	cps
Bismuth	209-1	5870341	5936558	5939177	5915359	0.66	cps
Bismuth	209-2	3056467	3119189	3165649	3113768	1.76	cps
Boron	10-1	5306	5762	5864	5644	5.27	cps
Boron	11-1	23042	24918	25785	24582	5.71	cps
Bromine	81-1	26352	26603	25038	25998	3.23	cps
Cadmium	111-1	4784	4378	4463	4542	4.72	cps
Cadmium	106-1	4618	3984	4192	4265	7.57	cps
Cadmium	108-1	158	158	163	160	1.50	cps
Calcium	43-1	9923	10152	9695	9923	2.31	cps
Calcium	44-1	166492	168549	164305	166448	1.28	cps
Carbon	12-1	3228040	3377678	3416926	3340881	2.98	cps
Carbon	12-2	48439	48882	48832	48717	0.50	cps
Chlorine	35-1	495284	498362	489099	494248	0.95	cps
Chlorine	35-2	3159	3467	3617	3414	6.85	cps
Chromium	52-2	3637	3574	3731	3647	2.16	cps
Cobalt	59-2	2824	2807	2830	2820	0.43	cps
Copper	63-2	5378	5204	5041	5208	3.23	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	50	108	81	36.33	cps
Erbium	164-2	37	17	33	29	37.08	cps
Gadolinium	160-1	108	33	50	64	61.65	cps
Gadolinium	160-2	137	110	163	137	19.51	cps
Holmium	165-1	9060348	9397396	9008002	9155249	2.31	cps
Holmium	165-2	4065786	4191153	4223127	4160022	2.00	cps
Indium	115-1	7411130	7418503	7603143	7477592	1.45	cps
Indium	115-2	1139095	1140850	1153423	1144456	0.68	cps
Iron	54-2	4740	4279	4090	4369	7.66	cps
Iron	56-2	71524	70005	66907	69478	3.39	cps
Iron	57-2	1706	1756	1939	1800	6.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	305	336	315	319	5.01	cps
Lead	206-1	5373	5223	5134	5244	2.30	cps
Lead	207-1	4595	4262	4423	4427	3.77	cps
Lead	208-1	21090	20223	20129	20481	2.59	cps
Lithium	6-1	2448899	2539138	2505511	2497849	1.83	cps
Magnesium	24-2	70086	68822	66394	68434	2.74	cps
Manganese	55-2	943	893	933	923	2.87	cps
Molybdenum	94-1	12331	12489	12539	12453	0.87	cps
Molybdenum	95-1	16068	15584	14892	15515	3.81	cps
Molybdenum	96-1	16911	17303	17203	17139	1.19	cps
Molybdenum	97-1	9887	9345	9570	9601	2.84	cps
Molybdenum	98-1	23971	24623	25057	24550	2.23	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	830	857	940	876	6.55	cps
Phosphorus	31-2	183	208	133	175	21.82	cps
Potassium	39-2	59222	58352	58277	58617	0.90	cps
Rhodium	103-1	7241857	7236928	7463147	7313978	1.77	cps
Rhodium	103-2	3355725	3288462	3455404	3366530	2.49	cps
Scandium	45-1	5145616	5184282	5194162	5174687	0.50	cps
Scandium	45-2	164697	166948	169860	167168	1.55	cps
Selenium	82-1	710	675	712	699	3.00	cps
Selenium	77-2	30	27	13	23	37.81	cps
Selenium	78-2	102	117	119	113	8.25	cps
Silicon	28-1	593435	554813	584464	577571	3.50	cps
Silver	107-1	8353	8211	8228	8264	0.94	cps
Silver	109-1	7661	8461	8186	8103	5.02	cps
Sodium	23-2	130138	129657	125312	128369	2.07	cps
Strontium	86-1	2492	2250	1942	2228	12.38	cps
Strontium	88-1	16218	16176	15734	16043	1.67	cps
Sulfur	34-1	326165	324208	329283	326552	0.78	cps
Terbium	159-1	9460488	9354177	9354957	9389874	0.65	cps
Terbium	159-2	4067477	4061528	4181622	4103542	1.65	cps
Thallium	203-1	5635	5910	5468	5671	3.93	cps
Thallium	205-1	13157	14050	13683	13630	3.29	cps
Tin	118-1	23922	23805	23696	23807	0.47	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:31:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4859	4718	5151	4909	4.50	cps
Uranium	238-1	17972	17312	17846	17710	1.98	cps
Vanadium	51-2	6058	6015	5788	5954	2.44	cps
Ytterbium	172-1	25	17	75	39	81.12	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	1792	1967	1650	1803	8.80	cps
Ytterbium	176-2	9242	9442	10037	9574	4.32	cps
Yttrium	89-1	10829455	10631746	10808009	10756403	1.01	cps
Yttrium	89-2	1141734	1148885	1168467	1153029	1.20	cps
Zinc	66-2	707	817	723	749	7.92	cps
Zirconium	90-1	11397	10129	10938	10821	5.93	cps
Zirconium	91-1	2484	2284	2334	2367	4.40	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53385	52614	52371	52790	1.00	cps
Antimony	121-1	274119	279356	279914	277796	1.15	cps
Arsenic	75-2	8231	8165	7984	8127	1.57	cps
Barium	135-1	340944	346050	346257	344417	0.87	cps
Barium	137-1	610387	593112	597328	600275	1.50	cps
Beryllium	9-1	88505	88220	87311	88012	0.71	cps
Bismuth	209-1	6245812	5884472	6066530	6065605	2.98	cps
Bismuth	209-2	3123052	3086409	3077105	3095522	0.78	cps
Boron	10-1	11358	12137	12035	11843	3.57	cps
Boron	11-1	49758	52547	55255	52520	5.23	cps
Bromine	81-1	26924	26984	26653	26853	0.66	cps
Cadmium	111-1	89472	90474	91144	90363	0.93	cps
Cadmium	106-1	13649	13507	13315	13490	1.24	cps
Cadmium	108-1	6643	6727	6860	6743	1.62	cps
Calcium	43-1	114942	116628	118154	116575	1.38	cps
Calcium	44-1	1738340	1844086	1812934	1798453	3.02	cps
Carbon	12-1	4513524	4806773	4916545	4745614	4.39	cps
Carbon	12-2	71407	70780	72228	71472	1.02	cps
Chlorine	35-1	493362	493843	486379	491195	0.85	cps
Chlorine	35-2	3442	3442	3234	3373	3.57	cps
Chromium	52-2	84203	80968	80355	81842	2.53	cps
Cobalt	59-2	152486	153069	146716	150757	2.33	cps
Copper	63-2	1239526	1223729	1203638	1222297	1.47	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	83	92	67	81	15.80	cps
Erbium	164-2	37	17	23	26	39.85	cps
Gadolinium	160-1	58	100	92	83	26.46	cps
Gadolinium	160-2	87	137	107	110	22.88	cps
Holmium	165-1	9378747	9074474	9501075	9318099	2.36	cps
Holmium	165-2	4294778	4227006	4211508	4244431	1.04	cps
Indium	115-1	7574337	7350949	7666583	7530623	2.16	cps
Indium	115-2	1126621	1141148	1136232	1134667	0.65	cps
Iron	54-2	208877	201057	193254	201063	3.89	cps
Iron	56-2	3787269	3633756	3622217	3681081	2.50	cps
Iron	57-2	90688	88820	88340	89282	1.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	319	340	319	326	3.76	cps
Lead	206-1	1234719	1245412	1273178	1251103	1.59	cps
Lead	207-1	1124133	1106898	1109288	1113440	0.84	cps
Lead	208-1	5223785	5217560	5290883	5244076	0.78	cps
Lithium	6-1	2514223	2420217	2521234	2485225	2.27	cps
Magnesium	24-2	774558	750262	753200	759340	1.75	cps
Manganese	55-2	453754	442933	442210	446299	1.45	cps
Molybdenum	94-1	1174920	1179683	1181007	1178536	0.27	cps
Molybdenum	95-1	1686213	1716447	1700369	1701010	0.89	cps
Molybdenum	96-1	1870594	1925417	1884559	1893523	1.50	cps
Molybdenum	97-1	1041316	1070870	1068076	1060087	1.54	cps
Molybdenum	98-1	2656885	2774557	2735165	2722203	2.20	cps
Neodymium	150-1	40	67	47	51	27.15	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43718	43015	42580	43104	1.33	cps
Phosphorus	31-2	3576	3117	3125	3273	8.02	cps
Potassium	39-2	248102	247974	245202	247093	0.66	cps
Rhodium	103-1	7437045	7182877	7411184	7343702	1.90	cps
Rhodium	103-2	3248083	3269086	3305195	3274121	0.88	cps
Scandium	45-1	5089744	5208422	5176675	5158280	1.19	cps
Scandium	45-2	164063	164734	164517	164438	0.21	cps
Selenium	82-1	7210	7442	7295	7316	1.61	cps
Selenium	77-2	233	213	220	222	4.58	cps
Selenium	78-2	732	766	741	746	2.36	cps
Silicon	28-1	907570	868379	904828	893592	2.45	cps
Silver	107-1	433075	434445	443973	437165	1.36	cps
Silver	109-1	404332	414341	410410	409695	1.23	cps
Sodium	23-2	1326107	1352908	1308824	1329280	1.67	cps
Strontium	86-1	2518992	2611951	2514223	2548389	2.16	cps
Strontium	88-1	21126124	22182717	20991538	21433460	3.04	cps
Sulfur	34-1	368369	369239	365685	367764	0.50	cps
Terbium	159-1	9505964	9309245	9198709	9337973	1.67	cps
Terbium	159-2	4177005	4053681	4128810	4119832	1.51	cps
Thallium	203-1	289188	294127	302066	295127	2.20	cps
Thallium	205-1	691374	698710	717261	702448	1.90	cps
Tin	118-1	250390	250874	254119	251794	0.81	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:34:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	503499	499778	491775	498351	1.20	cps
Uranium	238-1	984898	955462	988985	976448	1.87	cps
Vanadium	51-2	65258	64110	62138	63835	2.47	cps
Ytterbium	172-1	25	33	50	36	35.25	cps
Ytterbium	172-2	28	11	11	17	57.75	cps
Ytterbium	176-1	3234	2942	3125	3100	4.76	cps
Ytterbium	176-2	9504	9504	10099	9702	3.54	cps
Yttrium	89-1	10861938	10883945	10817762	10854548	0.31	cps
Yttrium	89-2	1154616	1149882	1170193	1158230	0.92	cps
Zinc	66-2	154019	152677	151883	152860	0.71	cps
Zirconium	90-1	543630	562785	549774	552063	1.77	cps
Zirconium	91-1	118857	126901	121135	122298	3.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132447	127036	125390	128291	2.88	cps
Antimony	121-1	679270	689052	691069	686464	0.92	cps
Arsenic	75-2	20167	19724	19491	19794	1.74	cps
Barium	135-1	829899	853147	838374	840473	1.40	cps
Barium	137-1	1451984	1484669	1450253	1462302	1.33	cps
Beryllium	9-1	220250	218234	216695	218393	0.82	cps
Bismuth	209-1	6073742	6043838	6119847	6079143	0.63	cps
Bismuth	209-2	3013536	3108190	3129045	3083590	2.00	cps
Boron	10-1	27162	28795	30424	28793	5.66	cps
Boron	11-1	121093	125840	130143	125692	3.60	cps
Bromine	81-1	26733	27094	25820	26549	2.47	cps
Cadmium	111-1	215781	216237	221319	217779	1.41	cps
Cadmium	106-1	26977	27495	28238	27570	2.30	cps
Cadmium	108-1	16969	17040	16172	16727	2.88	cps
Calcium	43-1	281040	280865	282723	281542	0.36	cps
Calcium	44-1	4423917	4405458	4274631	4368002	1.86	cps
Carbon	12-1	5054763	4986142	5148226	5063043	1.61	cps
Carbon	12-2	70796	72739	71902	71813	1.36	cps
Chlorine	35-1	474720	475244	467470	472478	0.92	cps
Chlorine	35-2	3367	3000	3184	3184	5.76	cps
Chromium	52-2	207171	197272	195934	200125	3.07	cps
Cobalt	59-2	374338	359099	354418	362619	2.87	cps
Copper	63-2	3182319	2976661	2951658	3036879	4.17	cps
Dysprosium	156-1	83	75	25	61	51.63	cps
Dysprosium	156-2	27	20	17	21	24.12	cps
Erbium	164-1	83	25	33	47	66.82	cps
Erbium	164-2	10	27	40	26	58.81	cps
Gadolinium	160-1	83	108	58	83	30.00	cps
Gadolinium	160-2	153	117	140	137	13.58	cps
Holmium	165-1	9305329	9142810	9514497	9320879	2.00	cps
Holmium	165-2	4161118	4248452	4188917	4199496	1.06	cps
Indium	115-1	7221255	7365350	7343507	7310037	1.06	cps
Indium	115-2	1107617	1101874	1103569	1104353	0.27	cps
Iron	54-2	496287	480411	470908	482535	2.66	cps
Iron	56-2	9376940	8843033	8789555	9003176	3.61	cps
Iron	57-2	225806	214638	210974	217139	3.56	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	302	339	259	300	13.35	cps
Lead	206-1	3280580	3271399	3272790	3274923	0.15	cps
Lead	207-1	2917370	2914643	2960915	2930976	0.89	cps
Lead	208-1	12854841	13118550	13121026	13031472	1.17	cps
Lithium	6-1	2458414	2442816	2502088	2467773	1.25	cps
Magnesium	24-2	1915195	1799095	1812336	1842209	3.45	cps
Manganese	55-2	1136674	1098911	1063714	1099766	3.32	cps
Molybdenum	94-1	2822491	2938957	2884922	2882123	2.02	cps
Molybdenum	95-1	4110363	4259144	4102984	4157497	2.12	cps
Molybdenum	96-1	4567239	4643008	4576862	4595703	0.90	cps
Molybdenum	97-1	2682451	2612922	2547491	2614288	2.58	cps
Molybdenum	98-1	6641742	6785128	6698531	6708467	1.08	cps
Neodymium	150-1	80	67	93	80	16.67	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	106939	102020	101917	103625	2.77	cps
Phosphorus	31-2	7135	7094	7652	7294	4.27	cps
Potassium	39-2	600321	564476	580357	581718	3.09	cps
Rhodium	103-1	7238263	7515299	7211854	7321805	2.30	cps
Rhodium	103-2	3253719	3231333	3218171	3234407	0.56	cps
Scandium	45-1	5197053	5168423	5176156	5180544	0.29	cps
Scandium	45-2	162091	157496	162147	160578	1.66	cps
Selenium	82-1	17940	18057	17792	17930	0.74	cps
Selenium	77-2	493	563	553	537	7.05	cps
Selenium	78-2	1896	1667	1752	1772	6.53	cps
Silicon	28-1	1268953	1342764	1403894	1338537	5.05	cps
Silver	107-1	1072212	1082051	1069887	1074717	0.60	cps
Silver	109-1	1037347	1035423	1039653	1037474	0.20	cps
Sodium	23-2	3372120	3195972	3211961	3260018	2.99	cps
Strontium	86-1	6193507	6064474	6088239	6115406	1.12	cps
Strontium	88-1	51885027	53187501	52940913	52671147	1.31	cps
Sulfur	34-1	428298	426295	420286	424960	0.98	cps
Terbium	159-1	9621758	9420324	9877408	9639830	2.38	cps
Terbium	159-2	4257810	4217462	4076291	4183854	2.28	cps
Thallium	203-1	740010	738257	753710	743992	1.14	cps
Thallium	205-1	1839833	1807366	1837061	1828087	0.98	cps
Tin	118-1	620482	637007	619174	625554	1.59	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:37:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1206696	1267885	1229312	1234631	2.51	cps
Uranium	238-1	2550814	2523978	2515547	2530113	0.73	cps
Vanadium	51-2	162330	150028	151500	154620	4.34	cps
Ytterbium	172-1	33	50	42	42	20.00	cps
Ytterbium	172-2	6	28	28	20	62.97	cps
Ytterbium	176-1	4834	4351	4901	4695	6.39	cps
Ytterbium	176-2	10265	10777	10604	10549	2.47	cps
Yttrium	89-1	10798469	10572602	10644114	10671729	1.08	cps
Yttrium	89-2	1114721	1118448	1124662	1119277	0.45	cps
Zinc	66-2	385524	370449	363937	373303	2.97	cps
Zirconium	90-1	1333317	1371237	1334449	1346334	1.60	cps
Zirconium	91-1	290550	306743	303114	300136	2.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252112	242277	240528	244972	2.55	cps
Antimony	121-1	1357716	1340347	1375194	1357752	1.28	cps
Arsenic	75-2	39598	37830	37265	38231	3.18	cps
Barium	135-1	1651660	1673803	1712797	1679420	1.84	cps
Barium	137-1	2874362	2877896	2975492	2909250	1.97	cps
Beryllium	9-1	415474	420453	431600	422509	1.95	cps
Bismuth	209-1	6026268	6105326	4777739	5636444	13.21	cps
Bismuth	209-2	3174164	3063623	3008017	3081935	2.74	cps
Boron	10-1	51592	57266	60251	56370	7.80	cps
Boron	11-1	227692	252336	260680	246903	6.95	cps
Bromine	81-1	23494	23784	24968	24082	3.24	cps
Cadmium	111-1	411402	425224	422592	419739	1.75	cps
Cadmium	106-1	47517	50602	48695	48938	3.18	cps
Cadmium	108-1	31474	32179	32538	32064	1.69	cps
Calcium	43-1	538284	547530	552350	546055	1.31	cps
Calcium	44-1	8259981	8573771	8583953	8472568	2.17	cps
Carbon	12-1	4767997	4825498	4918034	4837176	1.56	cps
Carbon	12-2	67933	67297	66401	67210	1.14	cps
Chlorine	35-1	464163	456785	451112	457353	1.43	cps
Chlorine	35-2	3517	3125	3184	3275	6.45	cps
Chromium	52-2	395292	385334	379376	386667	2.08	cps
Cobalt	59-2	726966	704887	689787	707213	2.64	cps
Copper	63-2	5858660	5795483	5743582	5799242	0.99	cps
Dysprosium	156-1	133	67	67	89	43.30	cps
Dysprosium	156-2	53	37	43	44	18.87	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	27	23	37	29	24.03	cps
Gadolinium	160-1	92	150	158	133	27.24	cps
Gadolinium	160-2	200	130	143	158	23.56	cps
Holmium	165-1	9528731	8945400	7775118	8749750	10.21	cps
Holmium	165-2	4323871	4244813	4077404	4215363	2.99	cps
Indium	115-1	7322263	7070310	5970295	6787623	10.59	cps
Indium	115-2	1117078	1088524	1085022	1096875	1.60	cps
Iron	54-2	971485	919246	911163	933965	3.51	cps
Iron	56-2	18009137	17002799	16916008	17309314	3.51	cps
Iron	57-2	435025	419379	416987	423797	2.31	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	269	286	312	289	7.62	cps
Lead	206-1	6227021	6381025	6448072	6352039	1.78	cps
Lead	207-1	5524642	5700159	5739809	5654870	2.02	cps
Lead	208-1	24898302	25913269	25698569	25503380	2.10	cps
Lithium	6-1	2410034	2394384	2086879	2297099	7.93	cps
Magnesium	24-2	3708164	3436541	3460790	3535165	4.25	cps
Manganese	55-2	2232256	2196896	2117067	2182073	2.70	cps
Molybdenum	94-1	5440531	5522047	5589129	5517236	1.35	cps
Molybdenum	95-1	7960008	7997175	8070156	8009113	0.70	cps
Molybdenum	96-1	8821797	8815414	8981143	8872784	1.06	cps
Molybdenum	97-1	5053494	5055767	5102392	5070551	0.54	cps
Molybdenum	98-1	12568125	12868690	13040162	12825659	1.86	cps
Neodymium	150-1	140	140	113	131	11.74	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	203571	198560	196138	199423	1.90	cps
Phosphorus	31-2	14933	14424	14282	14547	2.35	cps
Potassium	39-2	1150283	1105809	1072863	1109652	3.50	cps
Rhodium	103-1	7226727	7081432	5803896	6704018	11.68	cps
Rhodium	103-2	3441839	3195050	3170021	3268970	4.60	cps
Scandium	45-1	5011767	5164760	4057589	4744705	12.64	cps
Scandium	45-2	164590	159537	158723	160950	1.97	cps
Selenium	82-1	34386	34337	35052	34592	1.16	cps
Selenium	77-2	987	983	940	970	2.68	cps
Selenium	78-2	3431	3331	3199	3320	3.51	cps
Silicon	28-1	1866584	2051685	2140730	2019667	6.92	cps
Silver	107-1	2053151	2101876	2141366	2098797	2.11	cps
Silver	109-1	1996842	2012792	1999700	2003111	0.42	cps
Sodium	23-2	6497398	6054878	6031555	6194610	4.24	cps
Strontium	86-1	11641814	11968527	12145859	11918733	2.15	cps
Strontium	88-1	100222302	102926227	104350821	102499784	2.05	cps
Sulfur	34-1	512447	516869	514514	514610	0.43	cps
Terbium	159-1	9388719	9455592	7947315	8930542	9.54	cps
Terbium	159-2	4136219	4191111	4117387	4148239	0.92	cps
Thallium	203-1	1463555	1495026	1463125	1473902	1.24	cps
Thallium	205-1	3434197	3572890	3566644	3524577	2.22	cps
Tin	118-1	1202668	1218247	1224604	1215173	0.93	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:40:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2355152	2407520	2397030	2386568	1.16	cps
Uranium	238-1	4890162	4968059	5112010	4990077	2.26	cps
Vanadium	51-2	314562	303237	294579	304126	3.30	cps
Ytterbium	172-1	17	67	42	42	60.00	cps
Ytterbium	172-2	22	44	22	30	43.32	cps
Ytterbium	176-1	7344	8044	6969	7452	7.33	cps
Ytterbium	176-2	11995	11928	11822	11915	0.73	cps
Yttrium	89-1	10401800	10299796	8751309	9817635	9.42	cps
Yttrium	89-2	1163435	1118325	1106582	1129447	2.66	cps
Zinc	66-2	716840	709618	702873	709777	0.98	cps
Zirconium	90-1	2597792	2697441	2693529	2662921	2.12	cps
Zirconium	91-1	567296	575474	600270	581013	2.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	493596	483494	482882	486657	1.24	cps
Antimony	121-1	2686042	2685429	2679531	2683667	0.13	cps
Arsenic	75-2	78491	76246	75483	76740	2.04	cps
Barium	135-1	3282485	3328318	3404659	3338487	1.85	cps
Barium	137-1	5684715	5906569	5694320	5761868	2.18	cps
Beryllium	9-1	808364	810004	809351	809240	0.10	cps
Bismuth	209-1	5840379	6038425	5930929	5936578	1.67	cps
Bismuth	209-2	3014995	3021066	3108269	3048110	1.71	cps
Boron	10-1	103340	108344	114789	108824	5.27	cps
Boron	11-1	437152	478317	501302	472257	6.88	cps
Bromine	81-1	25429	24206	24837	24824	2.46	cps
Cadmium	111-1	793316	829894	829670	817626	2.58	cps
Cadmium	106-1	89960	95112	92580	92551	2.78	cps
Cadmium	108-1	61039	61073	62579	61563	1.43	cps
Calcium	43-1	1063000	1074119	1072824	1069981	0.57	cps
Calcium	44-1	16305311	17034399	16543781	16627831	2.24	cps
Carbon	12-1	4425104	4566194	4636832	4542710	2.37	cps
Carbon	12-2	65622	66384	65798	65935	0.60	cps
Chlorine	35-1	448009	444479	446124	446204	0.40	cps
Chlorine	35-2	3109	3059	3017	3062	1.50	cps
Chromium	52-2	785742	780919	757144	774602	1.98	cps
Cobalt	59-2	1459316	1424953	1367647	1417305	3.27	cps
Copper	63-2	12021324	11268875	11175151	11488450	4.04	cps
Dysprosium	156-1	175	167	192	178	7.16	cps
Dysprosium	156-2	87	100	97	94	7.35	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	242	175	292	236	24.79	cps
Gadolinium	160-2	173	187	223	194	13.32	cps
Holmium	165-1	9277257	9112694	9216319	9202090	0.90	cps
Holmium	165-2	4252885	4297457	4342620	4297654	1.04	cps
Indium	115-1	7055162	7065474	7197363	7106000	1.12	cps
Indium	115-2	1081748	1102351	1092555	1092218	0.94	cps
Iron	54-2	1942172	1933661	1901729	1925854	1.11	cps
Iron	56-2	34445520	34557674	34355414	34452869	0.29	cps
Iron	57-2	859925	844487	818427	840946	2.49	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	309	296	287	297	3.59	cps
Lead	206-1	12637476	12645822	12476676	12586658	0.76	cps
Lead	207-1	10734188	11301527	11032446	11022721	2.57	cps
Lead	208-1	49544725	51433840	50773085	50583884	1.90	cps
Lithium	6-1	2357940	2384806	2276455	2339734	2.41	cps
Magnesium	24-2	7205667	7032045	6865978	7034563	2.41	cps
Manganese	55-2	4376114	4333331	4262948	4324131	1.32	cps
Molybdenum	94-1	10886319	11189059	11157708	11077696	1.50	cps
Molybdenum	95-1	15708822	16324263	16394827	16142638	2.34	cps
Molybdenum	96-1	17267019	17827581	17993227	17695942	2.15	cps
Molybdenum	97-1	9908789	10215091	10049079	10057653	1.52	cps
Molybdenum	98-1	25580153	26450269	26468998	26166473	1.94	cps
Neodymium	150-1	307	340	273	307	10.87	cps
Neodymium	150-2	7	43	20	23	79.53	cps
Nickel	60-2	398844	386736	380149	388576	2.44	cps
Phosphorus	31-2	29105	27619	28320	28348	2.62	cps
Potassium	39-2	2308944	2190680	2211951	2237192	2.82	cps
Rhodium	103-1	6917155	7099592	6956778	6991175	1.37	cps
Rhodium	103-2	3208579	3168568	3206794	3194647	0.71	cps
Scandium	45-1	5041310	5092691	4972245	5035416	1.20	cps
Scandium	45-2	158968	159695	155932	158198	1.26	cps
Selenium	82-1	67146	67108	67783	67346	0.56	cps
Selenium	77-2	2017	1927	1853	1932	4.23	cps
Selenium	78-2	6856	6617	6496	6657	2.75	cps
Silicon	28-1	2958684	3223173	3333679	3171845	6.08	cps
Silver	107-1	4072263	4119138	3985750	4059051	1.67	cps
Silver	109-1	3803836	3975670	3908511	3896006	2.22	cps
Sodium	23-2	12824770	12067900	11982180	12291617	3.77	cps
Strontium	86-1	23893448	23572754	23632945	23699716	0.72	cps
Strontium	88-1	201426142	203459846	204096913	202994300	0.69	cps
Sulfur	34-1	671677	686798	687541	682005	1.31	cps
Terbium	159-1	9600343	9538983	9603245	9580857	0.38	cps
Terbium	159-2	4124120	4271295	4184614	4193343	1.76	cps
Thallium	203-1	2936400	3008529	2938979	2961303	1.38	cps
Thallium	205-1	7122003	7075369	7034426	7077266	0.62	cps
Tin	118-1	2499958	2415526	2497988	2471157	1.95	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:43:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4572944	4601967	4513468	4562793	0.99	cps
Uranium	238-1	9908075	10083492	10159124	10050230	1.28	cps
Vanadium	51-2	610274	612447	587995	603572	2.24	cps
Ytterbium	172-1	142	83	108	111	26.34	cps
Ytterbium	172-2	39	22	50	37	37.75	cps
Ytterbium	176-1	13349	12965	13307	13207	1.59	cps
Ytterbium	176-2	14341	14475	15059	14625	2.61	cps
Yttrium	89-1	10403626	10470220	10588820	10487555	0.89	cps
Yttrium	89-2	1119090	1126237	1110504	1118610	0.70	cps
Zinc	66-2	1527948	1401465	1382210	1437208	5.51	cps
Zirconium	90-1	5201428	5230585	5385523	5272512	1.88	cps
Zirconium	91-1	1148819	1174307	1174393	1165840	1.26	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1026193	997955	965026	996391	3.07	cps
Antimony	121-1	5229432	5523502	5446603	5399846	2.82	cps
Arsenic	75-2	159438	156871	154095	156801	1.70	cps
Barium	135-1	6716681	6829975	6847930	6798196	1.05	cps
Barium	137-1	11223273	11563014	11535672	11440653	1.65	cps
Beryllium	9-1	1592039	1542070	1583680	1572596	1.70	cps
Bismuth	209-1	5827499	5791889	6035102	5884830	2.23	cps
Bismuth	209-2	2973601	2988503	3089865	3017323	2.10	cps
Boron	10-1	201509	216879	218603	212330	4.43	cps
Boron	11-1	817386	877312	882881	859193	4.23	cps
Bromine	81-1	23955	26192	25921	25356	4.81	cps
Cadmium	111-1	1587108	1613642	1574861	1591870	1.25	cps
Cadmium	106-1	175632	172913	180785	176443	2.27	cps
Cadmium	108-1	122431	123212	125650	123764	1.36	cps
Calcium	43-1	2182588	2297924	2242840	2241117	2.57	cps
Calcium	44-1	32958555	33973962	33820951	33584489	1.63	cps
Carbon	12-1	4360388	4504959	4650457	4505268	3.22	cps
Carbon	12-2	67422	67631	67070	67374	0.42	cps
Chlorine	35-1	441256	446781	447821	445286	0.79	cps
Chlorine	35-2	2800	3509	2759	3023	13.95	cps
Chromium	52-2	1672763	1610834	1558599	1614065	3.54	cps
Cobalt	59-2	2958918	2909908	2878589	2915805	1.39	cps
Copper	63-2	23286689	23079224	22445798	22937237	1.91	cps
Dysprosium	156-1	325	300	450	358	22.43	cps
Dysprosium	156-2	167	173	150	163	7.36	cps
Erbium	164-1	92	100	100	97	4.95	cps
Erbium	164-2	60	40	17	39	55.76	cps
Gadolinium	160-1	375	283	283	314	16.86	cps
Gadolinium	160-2	270	270	327	289	11.32	cps
Holmium	165-1	9094461	9407905	9789467	9430611	3.69	cps
Holmium	165-2	4262564	4239160	4343654	4281793	1.28	cps
Indium	115-1	6917300	7473780	7102221	7164433	3.96	cps
Indium	115-2	1082013	1081372	1106051	1089812	1.29	cps
Iron	54-2	3968304	3845430	3811734	3875156	2.13	cps
Iron	56-2	70169853	69902543	68135113	69402503	1.59	cps
Iron	57-2	1870305	1788374	1732236	1796972	3.86	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	300	324	326	317	4.57	cps
Lead	206-1	24918220	24837641	25684464	25146775	1.86	cps
Lead	207-1	22036973	21938182	22245735	22073630	0.71	cps
Lead	208-1	102472636	99560250	102872865	101635250	1.78	cps
Lithium	6-1	2191359	2304844	2278906	2258370	2.63	cps
Magnesium	24-2	14664821	14307046	14197108	14389658	1.70	cps
Manganese	55-2	8830764	8643138	8590860	8688254	1.45	cps
Molybdenum	94-1	22462820	22497166	22214609	22391532	0.69	cps
Molybdenum	95-1	32691977	32721459	33200410	32871282	0.87	cps
Molybdenum	96-1	35763200	35226485	36890446	35960044	2.36	cps
Molybdenum	97-1	20305481	20056352	20826981	20396271	1.93	cps
Molybdenum	98-1	51655996	51733056	53396793	52261948	1.88	cps
Neodymium	150-1	587	720	660	656	10.19	cps
Neodymium	150-2	37	17	27	27	37.50	cps
Nickel	60-2	792723	780248	772811	781927	1.29	cps
Phosphorus	31-2	60703	58109	56302	58371	3.79	cps
Potassium	39-2	4575628	4518639	4511629	4535299	0.77	cps
Rhodium	103-1	6966037	6932816	7099318	6999390	1.26	cps
Rhodium	103-2	3257115	2993400	3155528	3135347	4.24	cps
Scandium	45-1	4856992	5102923	5210611	5056842	3.58	cps
Scandium	45-2	158592	162021	164096	161569	1.72	cps
Selenium	82-1	131469	133527	133785	132927	0.95	cps
Selenium	77-2	4034	3971	3964	3990	0.97	cps
Selenium	78-2	13583	13088	13080	13251	2.17	cps
Silicon	28-1	4818438	5360099	5251401	5143313	5.57	cps
Silver	107-1	7975713	7905491	8052091	7977765	0.92	cps
Silver	109-1	7402501	7698862	7792866	7631410	2.67	cps
Sodium	23-2	25209945	25076450	24455607	24914000	1.62	cps
Strontium	86-1	47271532	48061990	48179671	47837731	1.03	cps
Strontium	88-1	406803576	426240035	410094676	414379429	2.51	cps
Sulfur	34-1	978289	1058650	872796	969912	9.61	cps
Terbium	159-1	9330478	9784968	9782448	9632631	2.72	cps
Terbium	159-2	4203082	4234178	4203903	4213721	0.42	cps
Thallium	203-1	5781748	5971436	6037886	5930357	2.24	cps
Thallium	205-1	13744163	14224196	14400574	14122978	2.41	cps
Tin	118-1	4705872	4969916	4879256	4851681	2.77	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:46:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8855603	9084240	9381977	9107273	2.90	cps
Uranium	238-1	20188497	19727928	19640435	19852287	1.48	cps
Vanadium	51-2	1288575	1262609	1216425	1255869	2.91	cps
Ytterbium	172-1	108	200	100	136	40.77	cps
Ytterbium	172-2	78	83	83	81	3.94	cps
Ytterbium	176-1	25818	26227	25943	25996	0.81	cps
Ytterbium	176-2	20249	20489	20639	20459	0.96	cps
Yttrium	89-1	10466157	10536830	10782220	10595069	1.57	cps
Yttrium	89-2	1141237	1118339	1143857	1134477	1.24	cps
Zinc	66-2	2847785	2886853	2793503	2842714	1.65	cps
Zirconium	90-1	10544237	10687154	10689752	10640381	0.78	cps
Zirconium	91-1	2389739	2489367	2444096	2441067	2.04	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5067437	5052966	5003770	5041391	0.66	cps
Antimony	121-1	3792	3942	4184	3973	4.98	cps
Arsenic	75-2	54	45	33	44	23.95	cps
Barium	135-1	6568	7127	7077	6924	4.46	cps
Barium	137-1	12039	12681	11647	12122	4.31	cps
Beryllium	9-1	860	839	796	832	3.90	cps
Bismuth	209-1	5144063	5437741	5371660	5317821	2.90	cps
Bismuth	209-2	2839031	2710473	2965639	2838381	4.49	cps
Boron	10-1	17877	15633	15027	16179	9.28	cps
Boron	11-1	79069	70629	65577	71758	9.50	cps
Bromine	81-1	26773	27245	28489	27502	3.22	cps
Cadmium	111-1	5321	5221	5433	5325	1.99	cps
Cadmium	106-1	4401	4309	4634	4448	3.77	cps
Cadmium	108-1	204	238	171	204	16.32	cps
Calcium	43-1	10175965	10342097	10267125	10261729	0.81	cps
Calcium	44-1	169625807	165364475	171122495	168704259	1.77	cps
Carbon	12-1	4354702	4605458	4809287	4589816	4.96	cps
Carbon	12-2	73962	72546	73527	73345	0.99	cps
Chlorine	35-1	482341	486020	480235	482865	0.61	cps
Chlorine	35-2	3501	3559	3517	3526	0.85	cps
Chromium	52-2	17528	17845	16913	17429	2.72	cps
Cobalt	59-2	4664	4798	4624	4695	1.93	cps
Copper	63-2	22909	22134	22438	22494	1.73	cps
Dysprosium	156-1	967	1033	958	986	4.17	cps
Dysprosium	156-2	367	350	303	340	9.66	cps
Erbium	164-1	117	125	108	117	7.14	cps
Erbium	164-2	60	40	47	49	20.83	cps
Gadolinium	160-1	875	717	808	800	9.94	cps
Gadolinium	160-2	513	480	513	502	3.83	cps
Holmium	165-1	9347998	9703840	8930079	9327306	4.15	cps
Holmium	165-2	4364102	4181233	4419499	4321611	2.89	cps
Indium	115-1	7043307	7231201	7277221	7183910	1.72	cps
Indium	115-2	1116498	1112481	1172741	1133907	2.97	cps
Iron	54-2	18701955	18162723	18540423	18468367	1.50	cps
Iron	56-2	341294485	333730830	329466752	334830689	1.79	cps
Iron	57-2	8491927	8186625	8379426	8352659	1.85	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	341	336	337	1.30	cps
Lead	206-1	8297	7947	7964	8069	2.45	cps
Lead	207-1	6835	6641	6585	6687	1.96	cps
Lead	208-1	31755	29752	30815	30774	3.26	cps
Lithium	6-1	2165046	2188031	2187071	2180050	0.60	cps
Magnesium	24-2	67960079	67844520	66862324	67555641	0.89	cps
Manganese	55-2	11498	11455	11181	11378	1.51	cps
Molybdenum	94-1	9287	8311	9153	8917	5.93	cps
Molybdenum	95-1	13265	12356	11480	12367	7.22	cps
Molybdenum	96-1	22135	20124	20065	20774	5.67	cps
Molybdenum	97-1	7827	7452	7686	7655	2.47	cps
Molybdenum	98-1	20382	18054	17745	18727	7.70	cps
Neodymium	150-1	80	53	73	69	20.15	cps
Neodymium	150-2	23	30	10	21	48.24	cps
Nickel	60-2	3134	2907	3184	3075	4.80	cps
Phosphorus	31-2	142	125	108	125	13.33	cps
Potassium	39-2	21959600	22699765	21636581	22098649	2.47	cps
Rhodium	103-1	6581721	6723422	6531606	6612249	1.50	cps
Rhodium	103-2	3016311	2986854	3220831	3074665	4.14	cps
Scandium	45-1	5083344	5152170	5018756	5084757	1.31	cps
Scandium	45-2	163846	165675	171328	166950	2.34	cps
Selenium	82-1	104	78	107	96	16.98	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	55	59	63	59	6.78	cps
Silicon	28-1	892379	987655	919973	933336	5.25	cps
Silver	107-1	3517	3259	3609	3462	5.24	cps
Silver	109-1	3217	3367	3359	3314	2.54	cps
Sodium	23-2	120124340	120417736	119761415	120101164	0.27	cps
Strontium	86-1	15100	14600	14909	14870	1.70	cps
Strontium	88-1	127234	122244	122549	124009	2.26	cps
Sulfur	34-1	267599	280952	288853	279134	3.85	cps
Terbium	159-1	9497496	9714795	9324802	9512365	2.05	cps
Terbium	159-2	4163063	4095160	4327957	4195393	2.85	cps
Thallium	203-1	2450	2167	2459	2359	7.04	cps
Thallium	205-1	6377	5401	5676	5818	8.64	cps
Tin	118-1	7819	7894	8278	7997	3.08	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 12:49:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6093	5901	6310	6101	3.35	cps
Uranium	238-1	2717	2134	2284	2378	12.74	cps
Vanadium	51-2	770	853	883	836	7.03	cps
Ytterbium	172-1	150	217	92	153	40.94	cps
Ytterbium	172-2	67	61	78	69	12.39	cps
Ytterbium	176-1	1992	1900	1934	1942	2.39	cps
Ytterbium	176-2	9287	9465	10238	9663	5.23	cps
Yttrium	89-1	11329922	11966322	11379871	11558705	3.06	cps
Yttrium	89-2	1243876	1260475	1364543	1289631	5.07	cps
Zinc	66-2	8092	7645	7856	7864	2.84	cps
Zirconium	90-1	5801	5418	5568	5596	3.45	cps
Zirconium	91-1	1375	1150	1250	1258	8.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICV38	Instrumnet Name :	P8
Client Sample ID :	ICV38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:27:01	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26537	26005	25624	26055	1.76	cps
Antimony	121-1	1107927	1127384	1087190	1107500	1.81	cps
Arsenic	75-2	33551	32736	32381	32889	1.82	cps
Barium	135-1	138732	138717	134810	137420	1.64	cps
Barium	137-1	241043	243572	238545	241053	1.04	cps
Beryllium	9-1	167766	169895	169174	168945	0.64	cps
Bismuth	209-1	6228242	6063754	6201427	6164474	1.43	cps
Bismuth	209-2	3166122	3124314	3215065	3168500	1.43	cps
Boron	10-1	934	924	892	917	2.39	cps
Boron	11-1	3884	3904	4108	3965	3.13	cps
Bromine	81-1	26292	27796	27365	27151	2.85	cps
Cadmium	111-1	180066	177134	175614	177605	1.27	cps
Cadmium	106-1	20675	20124	19748	20182	2.31	cps
Cadmium	108-1	11480	12005	10942	11476	4.63	cps
Calcium	43-1	43168	44246	43823	43746	1.24	cps
Calcium	44-1	704593	720177	708210	710994	1.15	cps
Carbon	12-1	3350013	3451033	3442353	3414466	1.64	cps
Carbon	12-2	48606	48188	48221	48339	0.48	cps
Chlorine	35-1	482307	478347	474383	478345	0.83	cps
Chlorine	35-2	3184	3634	3267	3362	7.12	cps
Chromium	52-2	167740	165648	156927	163439	3.51	cps
Cobalt	59-2	308469	300706	297647	302274	1.85	cps
Copper	63-2	249012	238850	237182	241681	2.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	75	17	100	64	66.93	cps
Erbium	164-2	33	17	27	26	32.81	cps
Gadolinium	160-1	42	92	58	64	39.85	cps
Gadolinium	160-2	100	157	157	138	23.75	cps
Holmium	165-1	9244753	9291257	9428308	9321439	1.02	cps
Holmium	165-2	4180384	4282606	4259775	4240921	1.27	cps
Indium	115-1	7468572	7354925	7388345	7403947	0.79	cps
Indium	115-2	1138102	1145403	1136132	1139879	0.43	cps
Iron	54-2	161207	151806	148987	154000	4.16	cps
Iron	56-2	2914166	2849713	2787175	2850352	2.23	cps
Iron	57-2	70820	68291	67353	68821	2.61	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICV38	Instrumnet Name :	P8
Client Sample ID :	ICV38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:27:01	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	311	259	315	295	10.66	cps
Lead	206-1	1025913	1039808	1004749	1023490	1.72	cps
Lead	207-1	842220	860355	856832	853136	1.13	cps
Lead	208-1	4062173	4113921	4118811	4098302	0.77	cps
Lithium	6-1	2430536	2360882	2280638	2357352	3.18	cps
Magnesium	24-2	163066	161265	159188	161173	1.20	cps
Manganese	55-2	90573	87075	85066	87571	3.18	cps
Molybdenum	94-1	333	392	383	369	8.54	cps
Molybdenum	95-1	142	158	125	142	11.77	cps
Molybdenum	96-1	325	350	450	375	17.64	cps
Molybdenum	97-1	133	75	100	103	28.48	cps
Molybdenum	98-1	317	233	300	283	15.56	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	87578	85040	86491	86370	1.47	cps
Phosphorus	31-2	67	42	125	78	54.98	cps
Potassium	39-2	194965	188894	191859	191906	1.58	cps
Rhodium	103-1	7300822	7366118	7611951	7426297	2.21	cps
Rhodium	103-2	3364407	3460707	3396944	3407353	1.44	cps
Scandium	45-1	5326622	5122108	5140115	5196281	2.18	cps
Scandium	45-2	165899	165948	165488	165778	0.15	cps
Selenium	82-1	30266	29989	30236	30163	0.50	cps
Selenium	77-2	880	867	887	878	1.16	cps
Selenium	78-2	3014	3023	3058	3031	0.77	cps
Silicon	28-1	521229	540743	545884	535952	2.43	cps
Silver	107-1	412875	412980	411869	412574	0.15	cps
Silver	109-1	400904	402281	392069	398418	1.39	cps
Sodium	23-2	515364	503209	503447	507340	1.37	cps
Strontium	86-1	1167	958	1158	1095	10.78	cps
Strontium	88-1	5126	4676	4401	4734	7.73	cps
Sulfur	34-1	300333	303602	306776	303570	1.06	cps
Terbium	159-1	9707905	9462029	9787869	9652601	1.76	cps
Terbium	159-2	4244014	4220984	4160417	4208471	1.03	cps
Thallium	203-1	1256206	1265314	1237387	1252969	1.14	cps
Thallium	205-1	3081554	3189899	2974933	3082129	3.49	cps
Tin	118-1	492	400	433	442	10.51	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICV38	Instrumnet Name :	P8
Client Sample ID :	ICV38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:27:01	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	225	142	161	35.21	cps
Uranium	238-1	100	58	83	81	26.03	cps
Vanadium	51-2	126118	123566	119548	123077	2.69	cps
Ytterbium	172-1	58	25	50	44	39.04	cps
Ytterbium	172-2	17	22	28	22	25.00	cps
Ytterbium	176-1	1683	1650	1617	1650	2.02	cps
Ytterbium	176-2	9087	9542	9215	9281	2.53	cps
Yttrium	89-1	10910589	11046474	10843847	10933637	0.94	cps
Yttrium	89-2	1156859	1165626	1168260	1163581	0.51	cps
Zinc	66-2	62524	60783	58986	60764	2.91	cps
Zirconium	90-1	650	592	642	628	5.03	cps
Zirconium	91-1	267	225	217	236	11.35	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1016	997	1025	1013	1.39	cps
Antimony	121-1	10371	10921	10863	10718	2.82	cps
Arsenic	75-2	147	173	130	150	14.44	cps
Barium	135-1	12481	12990	12848	12773	2.06	cps
Barium	137-1	21476	22469	22386	22110	2.49	cps
Beryllium	9-1	1657	1769	1810	1745	4.52	cps
Bismuth	209-1	6596932	5906440	6138396	6213922	5.65	cps
Bismuth	209-2	3077164	3008332	3143454	3076317	2.20	cps
Boron	10-1	5044	5748	5866	5553	8.01	cps
Boron	11-1	22353	24506	25631	24163	6.89	cps
Bromine	81-1	26954	26011	26412	26459	1.79	cps
Cadmium	111-1	4830	4496	4316	4547	5.74	cps
Cadmium	106-1	4726	4051	3976	4251	9.72	cps
Cadmium	108-1	213	158	138	169	22.85	cps
Calcium	43-1	9414	9603	9477	9498	1.01	cps
Calcium	44-1	160407	164494	163706	162869	1.33	cps
Carbon	12-1	3329816	3448926	3521695	3433479	2.82	cps
Carbon	12-2	49793	50688	50345	50276	0.90	cps
Chlorine	35-1	459840	462956	453560	458786	1.04	cps
Chlorine	35-2	3684	3551	3084	3439	9.16	cps
Chromium	52-2	3547	3554	3480	3527	1.15	cps
Cobalt	59-2	3007	2930	2917	2951	1.65	cps
Copper	63-2	5398	5134	5228	5253	2.54	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	67	108	75	40.06	cps
Erbium	164-2	27	37	33	32	15.80	cps
Gadolinium	160-1	50	33	67	50	33.34	cps
Gadolinium	160-2	107	120	120	116	6.66	cps
Holmium	165-1	9985558	8940769	9390251	9438859	5.55	cps
Holmium	165-2	4054315	4146802	4280851	4160656	2.74	cps
Indium	115-1	8033623	7321664	7429725	7595004	5.05	cps
Indium	115-2	1081538	1140170	1141808	1121172	3.06	cps
Iron	54-2	4201	4229	4045	4158	2.38	cps
Iron	56-2	68146	68146	66929	67740	1.04	cps
Iron	57-2	1745	1639	1633	1672	3.74	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	336	291	312	7.31	cps
Lead	206-1	5362	5423	5279	5355	1.35	cps
Lead	207-1	4729	4757	4445	4644	3.71	cps
Lead	208-1	21274	21263	20807	21114	1.26	cps
Lithium	6-1	2557031	2268630	2278040	2367900	6.92	cps
Magnesium	24-2	71216	66444	66989	68216	3.83	cps
Manganese	55-2	993	917	973	961	4.14	cps
Molybdenum	94-1	12122	12740	12406	12423	2.49	cps
Molybdenum	95-1	15175	16202	15300	15559	3.60	cps
Molybdenum	96-1	17111	17019	16427	16852	2.20	cps
Molybdenum	97-1	9337	9053	9862	9417	4.36	cps
Molybdenum	98-1	24631	23971	24781	24461	1.76	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	907	797	727	810	11.20	cps
Phosphorus	31-2	150	167	225	181	21.81	cps
Potassium	39-2	57683	57984	59022	58229	1.21	cps
Rhodium	103-1	7820678	6989400	7319546	7376541	5.67	cps
Rhodium	103-2	3229600	3325673	3394389	3316554	2.50	cps
Scandium	45-1	5638782	5039065	5351351	5343066	5.61	cps
Scandium	45-2	159489	164610	164755	162951	1.84	cps
Selenium	82-1	681	697	727	702	3.34	cps
Selenium	77-2	20	27	33	27	24.99	cps
Selenium	78-2	124	123	109	119	7.07	cps
Silicon	28-1	552579	554977	562799	556785	0.96	cps
Silver	107-1	8003	8895	8111	8336	5.84	cps
Silver	109-1	8069	7928	8311	8103	2.39	cps
Sodium	23-2	129759	128128	126254	128047	1.37	cps
Strontium	86-1	2467	2192	2284	2314	6.05	cps
Strontium	88-1	16402	16502	15517	16140	3.36	cps
Sulfur	34-1	307907	306773	307497	307392	0.19	cps
Terbium	159-1	10054562	9143895	9617533	9605330	4.74	cps
Terbium	159-2	4057349	4144522	4285109	4162327	2.76	cps
Thallium	203-1	5977	6093	5960	6010	1.21	cps
Thallium	205-1	14717	14767	14450	14645	1.16	cps
Tin	118-1	23012	24297	24948	24086	4.09	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:31:41	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4576	4459	4751	4595	3.20	cps
Uranium	238-1	17070	18447	18639	18052	4.74	cps
Vanadium	51-2	6141	5885	5861	5962	2.61	cps
Ytterbium	172-1	75	0	25	33	114.56	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	1592	1500	1600	1564	3.55	cps
Ytterbium	176-2	9103	9904	9609	9539	4.24	cps
Yttrium	89-1	11649488	10283974	10662140	10865201	6.49	cps
Yttrium	89-2	1121221	1140177	1166771	1142723	2.00	cps
Zinc	66-2	773	707	720	733	4.81	cps
Zirconium	90-1	10371	10513	10713	10532	1.63	cps
Zirconium	91-1	2300	2417	2317	2345	2.69	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	64	51	58	11.00	cps
Antimony	121-1	158	167	175	167	5.00	cps
Arsenic	75-2	3	7	5	5	40.00	cps
Barium	135-1	33	17	0	17	99.99	cps
Barium	137-1	42	33	17	31	41.66	cps
Beryllium	9-1	52	36	34	41	24.92	cps
Bismuth	209-1	6035982	5977602	6022379	6011987	0.51	cps
Bismuth	209-2	2970210	2539771	3049233	2853072	9.61	cps
Boron	10-1	1174	1144	970	1096	10.05	cps
Boron	11-1	4860	4564	4448	4624	4.60	cps
Bromine	81-1	27175	26683	27295	27051	1.20	cps
Cadmium	111-1	2943	2774	2871	2863	2.95	cps
Cadmium	106-1	4167	3951	4109	4076	2.75	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	95	111	120	109	11.67	cps
Calcium	44-1	9368	8774	9278	9140	3.50	cps
Carbon	12-1	3156409	3027123	3122091	3101874	2.16	cps
Carbon	12-2	42496	42939	42086	42507	1.00	cps
Chlorine	35-1	377683	362406	353369	364486	3.37	cps
Chlorine	35-2	2650	2767	2817	2745	3.12	cps
Chromium	52-2	487	523	450	487	7.53	cps
Cobalt	59-2	57	97	113	89	32.76	cps
Copper	63-2	470	530	560	520	8.81	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	17	23	33	24	34.31	cps
Gadolinium	160-1	58	50	25	44	39.03	cps
Gadolinium	160-2	137	90	127	118	20.86	cps
Holmium	165-1	9163684	9318823	9243378	9241961	0.84	cps
Holmium	165-2	3949913	3296462	4093512	3779962	11.24	cps
Indium	115-1	7421029	7568444	7574839	7521438	1.16	cps
Indium	115-2	1076914	881278	1086997	1015063	11.43	cps
Iron	54-2	572	483	572	543	9.46	cps
Iron	56-2	2411	2611	2617	2547	4.60	cps
Iron	57-2	144	117	94	119	21.14	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	255	302	325	294	12.15	cps
Lead	206-1	650	661	639	650	1.71	cps
Lead	207-1	622	494	628	582	12.97	cps
Lead	208-1	2939	2550	2600	2696	7.85	cps
Lithium	6-1	2424860	2329884	2421219	2391988	2.25	cps
Magnesium	24-2	208	225	242	225	7.41	cps
Manganese	55-2	53	53	37	48	20.13	cps
Molybdenum	94-1	358	208	258	275	27.77	cps
Molybdenum	95-1	17	17	67	33	86.59	cps
Molybdenum	96-1	167	225	167	186	18.10	cps
Molybdenum	97-1	50	17	8	25	88.19	cps
Molybdenum	98-1	100	50	42	64	49.38	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	27	40	31	24.74	cps
Phosphorus	31-2	117	100	42	86	45.73	cps
Potassium	39-2	16426	16343	16009	16260	1.36	cps
Rhodium	103-1	7386725	7222055	7597676	7402152	2.54	cps
Rhodium	103-2	3192127	2665887	3233066	3030360	10.44	cps
Scandium	45-1	4945102	5140255	5097337	5060898	2.03	cps
Scandium	45-2	164030	124880	157502	148804	14.10	cps
Selenium	82-1	64	0	-11	18	231.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	35	51	45	19.78	cps
Silicon	28-1	485336	480476	480649	482154	0.57	cps
Silver	107-1	458	550	525	511	9.27	cps
Silver	109-1	333	450	483	422	18.65	cps
Sodium	23-2	10220	9595	9812	9876	3.22	cps
Strontium	86-1	667	608	500	592	14.30	cps
Strontium	88-1	717	300	292	436	55.72	cps
Sulfur	34-1	309395	306279	309582	308419	0.60	cps
Terbium	159-1	9570552	9589972	9346054	9502192	1.43	cps
Terbium	159-2	4024994	3170670	4082587	3759417	13.58	cps
Thallium	203-1	392	508	467	456	12.98	cps
Thallium	205-1	1100	983	1217	1100	10.61	cps
Tin	118-1	392	325	350	356	9.47	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICB38	Instrumnet Name :	P8
Client Sample ID :	ICB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:34:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	75	75	158	103	46.81	cps
Uranium	238-1	67	25	17	36	74.18	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	33	33	67	44	43.31	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	1617	1750	1558	1642	5.99	cps
Ytterbium	176-2	8709	7386	9287	8460	11.52	cps
Yttrium	89-1	11033826	10734063	10574691	10780860	2.16	cps
Yttrium	89-2	1110401	891789	1101440	1034543	11.96	cps
Zinc	66-2	263	207	277	249	14.93	cps
Zirconium	90-1	650	667	617	644	3.95	cps
Zirconium	91-1	175	92	167	144	31.77	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4978701	4805600	4678845	4821049	3.12	cps
Antimony	121-1	5626	5676	6452	5918	7.82	cps
Arsenic	75-2	44	56	39	46	18.87	cps
Barium	135-1	1850	1650	1925	1809	7.86	cps
Barium	137-1	3175	3100	3467	3248	5.97	cps
Beryllium	9-1	524	481	471	492	5.67	cps
Bismuth	209-1	6024489	6499853	5832991	6119111	5.61	cps
Bismuth	209-2	3014995	3015409	2969304	2999902	0.88	cps
Boron	10-1	958	990	1014	987	2.85	cps
Boron	11-1	4468	4400	4406	4424	0.85	cps
Bromine	81-1	27706	27355	29120	28061	3.33	cps
Cadmium	111-1	3643	3971	3697	3770	4.67	cps
Cadmium	106-1	4092	4509	3942	4181	7.02	cps
Cadmium	108-1	1692	1604	1596	1631	3.26	cps
Calcium	43-1	1909387	1899471	1946134	1918331	1.28	cps
Calcium	44-1	29822570	30537656	32254018	30871415	4.05	cps
Carbon	12-1	14767393	15114068	15548219	15143226	2.58	cps
Carbon	12-2	211577	201081	204386	205681	2.61	cps
Chlorine	35-1	9082137	10983877	12673868	10913294	16.47	cps
Chlorine	35-2	109983	112460	119659	114034	4.41	cps
Chromium	52-2	31812	30286	31137	31078	2.46	cps
Cobalt	59-2	3480	3224	3460	3388	4.21	cps
Copper	63-2	18248	18075	17705	18009	1.54	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	23	20	16	68.90	cps
Erbium	164-1	83	83	75	81	5.98	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	83	117	67	89	28.64	cps
Gadolinium	160-2	87	117	140	114	23.36	cps
Holmium	165-1	9683889	10476641	9372344	9844291	5.78	cps
Holmium	165-2	4287667	4295111	4129014	4237264	2.21	cps
Indium	115-1	7499039	8308340	7370701	7726027	6.58	cps
Indium	115-2	1088969	1098641	1098535	1095382	0.51	cps
Iron	54-2	7426558	6961985	7200082	7196209	3.23	cps
Iron	56-2	135302878	130870772	126937670	131037107	3.19	cps
Iron	57-2	3435357	3275976	3352586	3354640	2.38	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	321	287	316	308	5.91	cps
Lead	206-1	22147	22058	22715	22307	1.60	cps
Lead	207-1	17468	17885	18625	17992	3.26	cps
Lead	208-1	82575	84347	87884	84935	3.18	cps
Lithium	6-1	2391494	2625808	2357543	2458282	5.94	cps
Magnesium	24-2	13160243	12385111	12592647	12712667	3.16	cps
Manganese	55-2	6498	6335	6338	6390	1.46	cps
Molybdenum	94-1	3343492	3402546	3483026	3409688	2.05	cps
Molybdenum	95-1	5818023	5912672	6115795	5948830	2.56	cps
Molybdenum	96-1	6257524	6427125	6690395	6458348	3.38	cps
Molybdenum	97-1	3699888	3747697	3885507	3777697	2.55	cps
Molybdenum	98-1	9120510	9530316	10022220	9557682	4.72	cps
Neodymium	150-1	20	40	27	29	35.25	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	4247	4311	4174	4244	1.61	cps
Phosphorus	31-2	280444	269264	272037	273915	2.13	cps
Potassium	39-2	8700465	8350384	8494092	8514980	2.07	cps
Rhodium	103-1	7197083	8085441	7122783	7468436	7.17	cps
Rhodium	103-2	3188118	3132162	3221181	3180487	1.41	cps
Scandium	45-1	5194359	5807816	5119105	5373760	7.03	cps
Scandium	45-2	162220	158964	163864	161683	1.54	cps
Selenium	82-1	33	56	31	40	35.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	55	37	44	21.33	cps
Silicon	28-1	626469	615787	623045	621767	0.88	cps
Silver	107-1	592	450	617	553	16.26	cps
Silver	109-1	392	542	675	536	26.44	cps
Sodium	23-2	24209228	23387988	23934963	23844060	1.75	cps
Strontium	86-1	61838	66543	65891	64757	3.94	cps
Strontium	88-1	543631	560940	572880	559151	2.63	cps
Sulfur	34-1	3183076	3172320	3190777	3182058	0.29	cps
Terbium	159-1	10048578	11173498	9538222	10253432	8.16	cps
Terbium	159-2	4235418	4251331	4198137	4228295	0.65	cps
Thallium	203-1	700	850	692	747	11.93	cps
Thallium	205-1	2009	1967	1825	1934	4.97	cps
Tin	118-1	1000	1359	1108	1156	15.91	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSA38	Instrumnet Name :	P8
Client Sample ID :	ICSA38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:37:48	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1811882	1821094	1854598	1829191	1.23	cps
Uranium	238-1	483	308	433	408	22.07	cps
Vanadium	51-2	210	180	193	194	7.73	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	172-2	33	28	22	28	20.00	cps
Ytterbium	176-1	1809	1642	1692	1714	4.99	cps
Ytterbium	176-2	9109	9203	9320	9211	1.15	cps
Yttrium	89-1	11159218	12097438	10933467	11396708	5.42	cps
Yttrium	89-2	1142921	1144428	1140954	1142768	0.15	cps
Zinc	66-2	3217	3010	3064	3097	3.46	cps
Zirconium	90-1	858	942	575	792	24.28	cps
Zirconium	91-1	133	133	158	142	10.19	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4779469	4775851	4533583	4696301	3.00	cps
Antimony	121-1	112840	116554	117187	115527	2.03	cps
Arsenic	75-2	3219	3078	3094	3130	2.47	cps
Barium	135-1	28330	30493	30302	29708	4.03	cps
Barium	137-1	49450	52703	52637	51597	3.60	cps
Beryllium	9-1	31530	32683	32111	32108	1.80	cps
Bismuth	209-1	6047102	5876713	5823825	5915880	1.97	cps
Bismuth	209-2	3044700	3088538	3089287	3074175	0.83	cps
Boron	10-1	846	784	824	818	3.84	cps
Boron	11-1	3896	3914	3712	3840	2.91	cps
Bromine	81-1	27014	28438	31057	28836	7.11	cps
Cadmium	111-1	34694	35609	35568	35290	1.46	cps
Cadmium	106-1	6585	6518	6602	6568	0.67	cps
Cadmium	108-1	3530	3517	3813	3620	4.62	cps
Calcium	43-1	1893158	2043355	1912153	1949555	4.20	cps
Calcium	44-1	30411764	33585529	31296500	31764598	5.16	cps
Carbon	12-1	15481997	16274674	16161307	15972659	2.68	cps
Carbon	12-2	212515	213726	205577	210606	2.09	cps
Chlorine	35-1	12469368	15506140	16668700	14881403	14.57	cps
Chlorine	35-2	138013	141312	144889	141404	2.43	cps
Chromium	52-2	62466	61746	59701	61304	2.34	cps
Cobalt	59-2	60200	58296	57820	58772	2.14	cps
Copper	63-2	62852	62902	62390	62715	0.45	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	37	50	23	37	36.37	cps
Gadolinium	160-1	42	92	50	61	43.83	cps
Gadolinium	160-2	140	150	187	159	15.46	cps
Holmium	165-1	9874752	9484489	9760418	9706553	2.07	cps
Holmium	165-2	4336450	4520224	4476798	4444491	2.16	cps
Indium	115-1	7370022	7503299	7409799	7427706	0.92	cps
Indium	115-2	1126463	1142759	1142241	1137155	0.81	cps
Iron	54-2	7333874	7013818	6922686	7090126	3.05	cps
Iron	56-2	136022470	131292817	128169228	131828171	3.00	cps
Iron	57-2	3391338	3277846	3259770	3309651	2.15	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	301	354	324	326	8.07	cps
Lead	206-1	125039	125319	126530	125629	0.63	cps
Lead	207-1	104229	107068	105186	105494	1.37	cps
Lead	208-1	481987	496612	484783	487794	1.59	cps
Lithium	6-1	2558575	2385839	2368864	2437759	4.31	cps
Magnesium	24-2	12740991	12389579	12186373	12438981	2.26	cps
Manganese	55-2	24037	22581	23049	23222	3.20	cps
Molybdenum	94-1	3445909	3545919	3533462	3508430	1.55	cps
Molybdenum	95-1	6110333	6243971	6206868	6187057	1.12	cps
Molybdenum	96-1	6477750	6552725	6593453	6541309	0.90	cps
Molybdenum	97-1	3823741	3788336	3744320	3785466	1.05	cps
Molybdenum	98-1	9559377	9800000	9977012	9778797	2.14	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	20011	19751	19844	19868	0.66	cps
Phosphorus	31-2	279532	272681	263247	271820	3.01	cps
Potassium	39-2	8545604	8302619	8431469	8426564	1.44	cps
Rhodium	103-1	7383165	7007167	7313607	7234646	2.77	cps
Rhodium	103-2	3335229	3374313	3269332	3326291	1.60	cps
Scandium	45-1	5404388	5230021	5103147	5245852	2.88	cps
Scandium	45-2	166209	166017	164846	165691	0.45	cps
Selenium	82-1	2752	2659	2661	2691	1.99	cps
Selenium	77-2	97	80	53	77	28.51	cps
Selenium	78-2	282	292	291	288	1.91	cps
Silicon	28-1	650020	664462	663008	659163	1.21	cps
Silver	107-1	154591	157419	157245	156419	1.01	cps
Silver	109-1	147655	151565	152915	150712	1.81	cps
Sodium	23-2	23724794	24270009	23391435	23795413	1.86	cps
Strontium	86-1	65137	66249	66819	66068	1.29	cps
Strontium	88-1	561643	575447	567130	568073	1.22	cps
Sulfur	34-1	3142679	3276328	3254479	3224495	2.22	cps
Terbium	159-1	9691296	9802974	10032712	9842327	1.77	cps
Terbium	159-2	4378998	4298339	4434437	4370592	1.57	cps
Thallium	203-1	118911	123360	122848	121706	2.00	cps
Thallium	205-1	287909	293624	296006	292513	1.42	cps
Tin	118-1	1492	1292	1625	1470	11.42	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	ICSAB38	Instrumnet Name :	P8
Client Sample ID :	ICSAB38	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:41:19	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1830580	1916755	1891431	1879589	2.36	cps
Uranium	238-1	667	667	658	664	0.72	cps
Vanadium	51-2	25005	24254	23893	24384	2.33	cps
Ytterbium	172-1	42	33	58	44	28.64	cps
Ytterbium	172-2	28	33	17	26	32.72	cps
Ytterbium	176-1	1667	1442	1517	1542	7.43	cps
Ytterbium	176-2	9192	9959	10082	9745	4.95	cps
Yttrium	89-1	11419706	10920704	10594000	10978137	3.79	cps
Yttrium	89-2	1168906	1185070	1180212	1178062	0.70	cps
Zinc	66-2	8773	8573	8533	8626	1.49	cps
Zirconium	90-1	750	833	758	781	5.88	cps
Zirconium	91-1	150	275	225	217	29.04	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2669162	2636414	2537229	2614268	2.63	cps
Antimony	121-1	2768559	2790873	2758058	2772497	0.60	cps
Arsenic	75-2	78936	78155	76899	77997	1.32	cps
Barium	135-1	3546766	3547349	3527204	3540440	0.32	cps
Barium	137-1	6023530	6064255	6166662	6084816	1.21	cps
Beryllium	9-1	780406	789354	779398	783053	0.70	cps
Bismuth	209-1	5805160	6029727	5802619	5879169	2.22	cps
Bismuth	209-2	3026900	2949474	2951839	2976071	1.48	cps
Boron	10-1	100125	106609	110631	105788	5.01	cps
Boron	11-1	447141	482321	492093	473852	4.99	cps
Bromine	81-1	30073	28508	28770	29117	2.88	cps
Cadmium	111-1	789989	826491	828767	815082	2.67	cps
Cadmium	106-1	90472	95087	91756	92438	2.58	cps
Cadmium	108-1	62906	64706	61629	63080	2.45	cps
Calcium	43-1	5099498	5001578	4924273	5008450	1.75	cps
Calcium	44-1	81669516	80653049	79786189	80702918	1.17	cps
Carbon	12-1	4226132	4550584	4648903	4475206	4.94	cps
Carbon	12-2	69816	70193	68845	69618	1.00	cps
Chlorine	35-1	4024334	3811804	3620079	3818739	5.30	cps
Chlorine	35-2	23762	23161	22151	23024	3.54	cps
Chromium	52-2	838397	805859	802149	815468	2.45	cps
Cobalt	59-2	1520569	1463097	1475856	1486507	2.03	cps
Copper	63-2	12499534	11921276	11878844	12099885	2.87	cps
Dysprosium	156-1	758	758	683	733	5.91	cps
Dysprosium	156-2	307	343	323	324	5.66	cps
Erbium	164-1	108	117	117	114	4.22	cps
Erbium	164-2	40	20	37	32	33.25	cps
Gadolinium	160-1	775	742	833	783	5.92	cps
Gadolinium	160-2	420	450	530	467	12.19	cps
Holmium	165-1	9998508	9817919	9597411	9804613	2.05	cps
Holmium	165-2	4374760	4407215	4354091	4378689	0.61	cps
Indium	115-1	7520884	7467322	7543210	7510472	0.52	cps
Indium	115-2	1129668	1142563	1110737	1127656	1.42	cps
Iron	54-2	9516561	9261688	9098218	9292155	2.27	cps
Iron	56-2	173113132	166871315	165260031	168414826	2.46	cps
Iron	57-2	4400630	4305457	4201051	4302379	2.32	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	305	340	334	326	5.72	cps
Lead	206-1	12223156	12736993	12716843	12558997	2.32	cps
Lead	207-1	11214054	11349882	11042054	11201997	1.38	cps
Lead	208-1	50606047	52113114	51151490	51290217	1.49	cps
Lithium	6-1	2440396	2454668	2441741	2445602	0.32	cps
Magnesium	24-2	36478313	35876038	34556504	35636952	2.76	cps
Manganese	55-2	4522774	4372354	4320218	4405115	2.39	cps
Molybdenum	94-1	11350227	11870798	11909796	11710274	2.67	cps
Molybdenum	95-1	16916666	17573447	17272211	17254108	1.91	cps
Molybdenum	96-1	18730792	19406716	18838897	18992135	1.91	cps
Molybdenum	97-1	10238796	10769386	10735310	10581164	2.81	cps
Molybdenum	98-1	26440652	28097031	26979599	27172427	3.11	cps
Neodymium	150-1	307	320	460	362	23.45	cps
Neodymium	150-2	33	17	20	23	37.78	cps
Nickel	60-2	408634	393652	396886	399724	1.97	cps
Phosphorus	31-2	28929	29272	29631	29277	1.20	cps
Potassium	39-2	11555873	11345001	11525235	11475370	0.99	cps
Rhodium	103-1	6824490	7041655	7014698	6960281	1.70	cps
Rhodium	103-2	3287272	3204011	3285102	3258795	1.46	cps
Scandium	45-1	5512357	5442745	5235452	5396852	2.67	cps
Scandium	45-2	167221	170588	168187	168665	1.03	cps
Selenium	82-1	66842	68612	67041	67498	1.44	cps
Selenium	77-2	2003	2114	2044	2054	2.71	cps
Selenium	78-2	6626	6519	6509	6552	0.99	cps
Silicon	28-1	2829006	2959453	3079315	2955925	4.24	cps
Silver	107-1	4057269	4116096	4029907	4067757	1.08	cps
Silver	109-1	3905247	3876626	3915541	3899138	0.52	cps
Sodium	23-2	64124293	61987166	61292295	62467918	2.36	cps
Strontium	86-1	25008147	25666594	25222576	25299106	1.33	cps
Strontium	88-1	220426963	216555913	218411663	218464847	0.89	cps
Sulfur	34-1	698344	700981	712004	703777	1.03	cps
Terbium	159-1	10150772	10160872	9904117	10071920	1.44	cps
Terbium	159-2	4417393	4255747	4297281	4323474	1.94	cps
Thallium	203-1	3043987	3150650	3054979	3083205	1.90	cps
Thallium	205-1	6899374	7296313	7129705	7108464	2.80	cps
Tin	118-1	2581376	2491241	2605654	2559424	2.36	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:44:11	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4894617	4923750	4739218	4852528	2.04	cps
Uranium	238-1	10038707	10012480	10277840	10109675	1.45	cps
Vanadium	51-2	653217	641483	626803	640501	2.07	cps
Ytterbium	172-1	233	208	258	233	10.71	cps
Ytterbium	172-2	156	83	183	141	36.68	cps
Ytterbium	176-1	14191	14667	14208	14355	1.88	cps
Ytterbium	176-2	14708	14847	15042	14866	1.13	cps
Yttrium	89-1	11170649	11472830	11359905	11334461	1.35	cps
Yttrium	89-2	1187932	1172737	1195672	1185447	0.98	cps
Zinc	66-2	1480959	1405275	1449612	1445282	2.63	cps
Zirconium	90-1	5575525	5888458	5626364	5696782	2.95	cps
Zirconium	91-1	1229519	1297975	1250995	1259496	2.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	94	72	83	12.76	cps
Antimony	121-1	375	308	458	381	19.75	cps
Arsenic	75-2	3	6	1	3	75.50	cps
Barium	135-1	108	8	25	47	113.46	cps
Barium	137-1	117	83	75	92	24.05	cps
Beryllium	9-1	64	55	51	57	11.32	cps
Bismuth	209-1	5626033	6186749	6049976	5954253	4.91	cps
Bismuth	209-2	3196990	3176727	3673651	3349122	8.40	cps
Boron	10-1	1910	2066	1788	1921	7.25	cps
Boron	11-1	8697	8537	8247	8493	2.69	cps
Bromine	81-1	28448	28970	28448	28622	1.05	cps
Cadmium	111-1	2250	2700	2833	2594	11.78	cps
Cadmium	106-1	3184	3826	4001	3670	11.72	cps
Cadmium	108-1	29	17	25	24	26.95	cps
Calcium	43-1	260	165	142	189	32.97	cps
Calcium	44-1	11957	10299	9887	10714	10.23	cps
Carbon	12-1	3475200	3450146	3500595	3475314	0.73	cps
Carbon	12-2	46884	47085	47829	47266	1.05	cps
Chlorine	35-1	1273832	1238322	1191434	1234529	3.35	cps
Chlorine	35-2	8803	8119	8269	8397	4.28	cps
Chromium	52-2	517	500	560	526	5.89	cps
Cobalt	59-2	60	83	107	83	28.00	cps
Copper	63-2	773	757	813	781	3.73	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	10	43	23	26	65.65	cps
Gadolinium	160-1	67	33	25	42	52.92	cps
Gadolinium	160-2	110	117	127	118	7.12	cps
Holmium	165-1	8557398	9620021	9769734	9315717	7.10	cps
Holmium	165-2	4257115	4205487	4896214	4452938	8.64	cps
Indium	115-1	6903083	7497363	7564298	7321581	4.97	cps
Indium	115-2	1155598	1157959	1281835	1198464	6.03	cps
Iron	54-2	589	622	561	591	5.18	cps
Iron	56-2	3712	3634	3545	3630	2.30	cps
Iron	57-2	111	139	83	111	25.00	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	286	322	287	299	6.89	cps
Lead	206-1	1017	1111	1050	1059	4.52	cps
Lead	207-1	1228	889	945	1020	17.81	cps
Lead	208-1	4900	4334	4206	4480	8.25	cps
Lithium	6-1	2153538	2340735	2346505	2280259	4.81	cps
Magnesium	24-2	383	325	425	378	13.30	cps
Manganese	55-2	60	107	63	77	33.96	cps
Molybdenum	94-1	700	675	367	581	31.98	cps
Molybdenum	95-1	825	592	342	586	41.24	cps
Molybdenum	96-1	867	550	642	686	23.75	cps
Molybdenum	97-1	608	325	200	378	55.38	cps
Molybdenum	98-1	1375	833	642	950	40.04	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	27	10	27	62.49	cps
Phosphorus	31-2	125	92	75	97	26.19	cps
Potassium	39-2	16869	16018	16259	16382	2.68	cps
Rhodium	103-1	6893621	7605122	7721509	7406751	6.05	cps
Rhodium	103-2	3446635	3449610	3766394	3554213	5.17	cps
Scandium	45-1	4548509	5146767	5332699	5009325	8.18	cps
Scandium	45-2	166071	166060	185910	172680	6.63	cps
Selenium	82-1	66	-30	11	16	304.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	43	65	52	22.18	cps
Silicon	28-1	517919	504868	502138	508308	1.66	cps
Silver	107-1	367	375	442	394	10.42	cps
Silver	109-1	317	392	317	342	12.67	cps
Sodium	23-2	13940	14216	13757	13971	1.65	cps
Strontium	86-1	1242	692	733	889	34.45	cps
Strontium	88-1	4318	1892	1500	2570	59.39	cps
Sulfur	34-1	287896	288227	284761	286961	0.67	cps
Terbium	159-1	8686812	9457895	9848577	9331094	6.34	cps
Terbium	159-2	4330275	4309891	4764463	4468209	5.75	cps
Thallium	203-1	542	583	617	581	6.47	cps
Thallium	205-1	1317	1192	1408	1306	8.33	cps
Tin	118-1	375	467	383	408	12.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:52:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	117	200	169	27.09	cps
Uranium	238-1	167	50	58	92	71.00	cps
Vanadium	51-2	3	0	17	7	132.33	cps
Ytterbium	172-1	42	33	33	36	13.33	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1600	1617	1767	1661	5.53	cps
Ytterbium	176-2	9365	9526	10782	9891	7.85	cps
Yttrium	89-1	9661882	11039089	10984074	10561682	7.38	cps
Yttrium	89-2	1181766	1185409	1341265	1236147	7.37	cps
Zinc	66-2	307	247	263	272	11.38	cps
Zirconium	90-1	667	633	650	650	2.56	cps
Zirconium	91-1	142	175	125	147	17.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1111	1104	1116	1110	0.57	cps
Antimony	121-1	11564	10521	10730	10938	5.04	cps
Arsenic	75-2	161	185	174	173	6.93	cps
Barium	135-1	13207	13315	12765	13096	2.23	cps
Barium	137-1	21894	23262	22736	22631	3.05	cps
Beryllium	9-1	1687	1710	1597	1665	3.58	cps
Bismuth	209-1	6268875	6202638	6096707	6189407	1.40	cps
Bismuth	209-2	3153783	3097625	3132672	3128026	0.91	cps
Boron	10-1	5496	6006	6320	5941	7.00	cps
Boron	11-1	24996	26445	26513	25985	3.30	cps
Bromine	81-1	30575	30996	29472	30348	2.59	cps
Cadmium	111-1	4286	4573	4216	4358	4.34	cps
Cadmium	106-1	4042	4259	3851	4051	5.05	cps
Cadmium	108-1	200	167	167	178	10.82	cps
Calcium	43-1	10236	10065	10040	10114	1.06	cps
Calcium	44-1	168418	170143	168002	168854	0.67	cps
Carbon	12-1	3555078	3731381	3774964	3687141	3.16	cps
Carbon	12-2	53732	52879	52135	52916	1.51	cps
Chlorine	35-1	1079813	1067624	1027462	1058300	2.59	cps
Chlorine	35-2	7219	7344	7269	7277	0.87	cps
Chromium	52-2	3537	3617	3457	3537	2.26	cps
Cobalt	59-2	3130	2820	2867	2939	5.69	cps
Copper	63-2	5438	5191	5244	5291	2.45	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	83	42	75	40.06	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	108	25	67	67	62.50	cps
Gadolinium	160-2	100	130	120	117	13.09	cps
Holmium	165-1	9359104	9749946	9577641	9562230	2.05	cps
Holmium	165-2	4404906	4334252	4274700	4337953	1.50	cps
Indium	115-1	7517275	7694221	7735025	7648840	1.51	cps
Indium	115-2	1159652	1160381	1155084	1158372	0.25	cps
Iron	54-2	4551	4590	4362	4501	2.71	cps
Iron	56-2	73355	70842	69592	71263	2.69	cps
Iron	57-2	1800	1728	1872	1800	4.01	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	290	297	310	299	3.38	cps
Lead	206-1	5296	5840	5579	5572	4.89	cps
Lead	207-1	4795	4934	4845	4858	1.45	cps
Lead	208-1	22186	23325	22675	22729	2.52	cps
Lithium	6-1	2322988	2362729	2313713	2333143	1.12	cps
Magnesium	24-2	67156	66754	64703	66204	1.99	cps
Manganese	55-2	1033	980	827	947	11.33	cps
Molybdenum	94-1	13357	13749	12206	13104	6.12	cps
Molybdenum	95-1	15576	17261	16385	16407	5.14	cps
Molybdenum	96-1	17920	18505	17779	18068	2.13	cps
Molybdenum	97-1	9937	10679	9353	9990	6.65	cps
Molybdenum	98-1	24998	26376	26000	25791	2.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	817	877	833	842	3.68	cps
Phosphorus	31-2	217	92	100	136	51.35	cps
Potassium	39-2	60201	58896	59548	59549	1.10	cps
Rhodium	103-1	7526766	7701518	7599251	7609178	1.15	cps
Rhodium	103-2	3515806	3463473	3385393	3454890	1.90	cps
Scandium	45-1	5312713	5452457	5316601	5360591	1.48	cps
Scandium	45-2	162844	166140	165325	164770	1.04	cps
Selenium	82-1	742	754	794	763	3.53	cps
Selenium	77-2	43	30	37	37	18.18	cps
Selenium	78-2	141	117	96	118	19.08	cps
Silicon	28-1	557276	567401	576345	567007	1.68	cps
Silver	107-1	8428	8570	8528	8508	0.86	cps
Silver	109-1	8036	8344	8545	8308	3.08	cps
Sodium	23-2	132559	127935	129617	130037	1.80	cps
Strontium	86-1	2742	3025	2534	2767	8.92	cps
Strontium	88-1	20641	20641	18554	19945	6.04	cps
Sulfur	34-1	290113	292467	290434	291005	0.44	cps
Terbium	159-1	9669754	9866292	9933419	9823155	1.39	cps
Terbium	159-2	4245346	4195710	4261459	4234171	0.81	cps
Thallium	203-1	6177	6343	6118	6213	1.88	cps
Thallium	205-1	14934	14934	14909	14926	0.10	cps
Tin	118-1	24222	24639	24247	24370	0.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 13:56:46	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4951	5109	5326	5129	3.67	cps
Uranium	238-1	17780	18239	17312	17777	2.61	cps
Vanadium	51-2	5848	5758	5995	5867	2.04	cps
Ytterbium	172-1	50	50	25	42	34.64	cps
Ytterbium	172-2	33	17	28	26	32.72	cps
Ytterbium	176-1	1467	1717	1709	1631	8.71	cps
Ytterbium	176-2	9515	9643	9548	9568	0.69	cps
Yttrium	89-1	11155501	11070124	11085897	11103841	0.41	cps
Yttrium	89-2	1188031	1189981	1170957	1182990	0.88	cps
Zinc	66-2	770	763	793	776	2.03	cps
Zirconium	90-1	11430	10705	10980	11038	3.32	cps
Zirconium	91-1	2517	2609	2392	2506	4.34	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	87	92	91	3.18	cps
Antimony	121-1	100	133	167	133	25.00	cps
Arsenic	75-2	2	7	1	3	96.44	cps
Barium	135-1	50	58	8	39	68.89	cps
Barium	137-1	100	33	58	64	52.72	cps
Beryllium	9-1	36	35	36	36	2.01	cps
Bismuth	209-1	6115821	6182293	6087110	6128408	0.80	cps
Bismuth	209-2	3220998	3310035	3214159	3248397	1.65	cps
Boron	10-1	1340	1374	1292	1335	3.09	cps
Boron	11-1	6002	5768	5538	5769	4.02	cps
Bromine	81-1	31167	29190	29271	29876	3.74	cps
Cadmium	111-1	3006	2766	2709	2827	5.56	cps
Cadmium	106-1	4251	3917	3817	3995	5.68	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	156	125	111	131	17.62	cps
Calcium	44-1	10651	10095	10061	10269	3.23	cps
Carbon	12-1	3470482	3636397	3741264	3616047	3.78	cps
Carbon	12-2	52403	52586	52461	52483	0.18	cps
Chlorine	35-1	934531	911457	896728	914239	2.08	cps
Chlorine	35-2	6510	5885	6268	6221	5.07	cps
Chromium	52-2	533	523	520	526	1.32	cps
Cobalt	59-2	67	97	60	74	26.24	cps
Copper	63-2	773	673	777	741	7.92	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	75	100	83	86	14.78	cps
Gadolinium	160-2	107	120	130	119	9.84	cps
Holmium	165-1	9595602	9321156	9261122	9392627	1.90	cps
Holmium	165-2	4240287	4478128	4222628	4313681	3.31	cps
Indium	115-1	7652667	7877573	7544138	7691460	2.21	cps
Indium	115-2	1185973	1235341	1145304	1188873	3.79	cps
Iron	54-2	628	556	550	578	7.51	cps
Iron	56-2	3717	3628	3484	3610	3.26	cps
Iron	57-2	156	139	178	157	12.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	316	317	309	314	1.51	cps
Lead	206-1	917	911	894	907	1.27	cps
Lead	207-1	794	756	628	726	12.01	cps
Lead	208-1	3784	3428	3439	3550	5.69	cps
Lithium	6-1	2310301	2334475	2348477	2331084	0.83	cps
Magnesium	24-2	442	442	283	389	23.51	cps
Manganese	55-2	57	50	33	47	25.76	cps
Molybdenum	94-1	492	392	325	403	20.83	cps
Molybdenum	95-1	375	225	192	264	37.01	cps
Molybdenum	96-1	350	350	300	333	8.66	cps
Molybdenum	97-1	225	125	142	164	32.69	cps
Molybdenum	98-1	517	350	317	394	27.17	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	23	27	28	18.33	cps
Phosphorus	31-2	117	75	75	89	27.07	cps
Potassium	39-2	16843	15709	16059	16204	3.58	cps
Rhodium	103-1	7540562	7656367	7494383	7563770	1.10	cps
Rhodium	103-2	3502066	3597772	3385392	3495077	3.04	cps
Scandium	45-1	5212520	5271704	5322510	5268911	1.04	cps
Scandium	45-2	168216	177026	164429	169890	3.80	cps
Selenium	82-1	21	6	9	12	66.53	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	59	54	62	58	6.93	cps
Silicon	28-1	510789	504832	508424	508015	0.59	cps
Silver	107-1	358	275	267	300	16.90	cps
Silver	109-1	250	242	292	261	10.26	cps
Sodium	23-2	12572	12614	11788	12325	3.77	cps
Strontium	86-1	675	633	725	678	6.77	cps
Strontium	88-1	2542	1425	1000	1656	48.10	cps
Sulfur	34-1	301726	295438	292052	296406	1.66	cps
Terbium	159-1	9737588	9884914	10087871	9903458	1.78	cps
Terbium	159-2	4269653	4538399	4156913	4321655	4.54	cps
Thallium	203-1	508	425	483	472	9.06	cps
Thallium	205-1	1142	1083	1158	1128	3.49	cps
Tin	118-1	483	408	375	422	13.14	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BL	Instrumnet Name :	P8
Client Sample ID :	PB151307BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:00:31	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	67	92	106	44.89	cps
Uranium	238-1	108	42	100	83	43.59	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	44	17	11	24	74.19	cps
Ytterbium	176-1	1583	1675	1433	1564	7.80	cps
Ytterbium	176-2	9459	10477	9470	9802	5.96	cps
Yttrium	89-1	11045652	11148742	11082460	11092284	0.47	cps
Yttrium	89-2	1193440	1226939	1177403	1199261	2.11	cps
Zinc	66-2	110	97	110	106	7.29	cps
Zirconium	90-1	775	850	708	778	9.11	cps
Zirconium	91-1	200	192	133	175	20.76	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	524445	509164	502911	512173	2.16	cps
Antimony	121-1	2911402	2805241	2856257	2857633	1.86	cps
Arsenic	75-2	81295	80154	77883	79777	2.18	cps
Barium	135-1	3801108	3536827	3528281	3622072	4.28	cps
Barium	137-1	6066494	6233365	6025437	6108432	1.80	cps
Beryllium	9-1	788633	797969	796901	794501	0.64	cps
Bismuth	209-1	6332434	6149966	5990169	6157523	2.78	cps
Bismuth	209-2	3139827	3068590	3089878	3099432	1.18	cps
Boron	10-1	95523	101422	107821	101588	6.05	cps
Boron	11-1	422705	450603	486984	453430	7.11	cps
Bromine	81-1	29432	29712	29100	29415	1.04	cps
Cadmium	111-1	863844	881117	867238	870733	1.05	cps
Cadmium	106-1	95691	96287	99645	97208	2.19	cps
Cadmium	108-1	66924	67503	68495	67641	1.17	cps
Calcium	43-1	1136228	1144525	1134492	1138415	0.47	cps
Calcium	44-1	18084951	17960920	17422424	17822765	1.98	cps
Carbon	12-1	3839225	4059892	4050619	3983245	3.13	cps
Carbon	12-2	59705	58417	58961	59027	1.10	cps
Chlorine	35-1	831009	815659	817193	821287	1.03	cps
Chlorine	35-2	5593	5184	6335	5704	10.22	cps
Chromium	52-2	825890	791155	797301	804782	2.30	cps
Cobalt	59-2	1557361	1438108	1441179	1478883	4.60	cps
Copper	63-2	12089766	11760569	11714315	11854884	1.73	cps
Dysprosium	156-1	217	208	200	208	4.00	cps
Dysprosium	156-2	110	87	67	88	24.71	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	50	33	33	39	24.75	cps
Gadolinium	160-1	217	217	233	222	4.33	cps
Gadolinium	160-2	207	153	220	193	18.24	cps
Holmium	165-1	9617018	9937372	9577551	9710647	2.03	cps
Holmium	165-2	4395098	4312493	4314654	4340748	1.08	cps
Indium	115-1	7786872	7637249	7527267	7650463	1.70	cps
Indium	115-2	1152537	1129823	1111885	1131415	1.80	cps
Iron	54-2	2042780	2033112	1961835	2012576	2.20	cps
Iron	56-2	37029069	35341281	35085754	35818701	2.95	cps
Iron	57-2	892602	859918	844584	865701	2.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	324	355	294	324	9.45	cps
Lead	206-1	12986637	12928693	13078166	12997832	0.58	cps
Lead	207-1	11402166	11250894	11412049	11355036	0.80	cps
Lead	208-1	51937570	51588496	51858649	51794905	0.35	cps
Lithium	6-1	2422398	2411975	2389011	2407794	0.71	cps
Magnesium	24-2	7496080	7238728	6903142	7212650	4.12	cps
Manganese	55-2	4509203	4494068	4388611	4463960	1.47	cps
Molybdenum	94-1	11789760	11695692	11795193	11760215	0.48	cps
Molybdenum	95-1	16989937	16892307	16739256	16873833	0.75	cps
Molybdenum	96-1	18711142	18699850	18795334	18735442	0.28	cps
Molybdenum	97-1	10440724	10925474	10275240	10547146	3.20	cps
Molybdenum	98-1	27115903	27380259	26830250	27108804	1.01	cps
Neodymium	150-1	213	380	413	336	31.93	cps
Neodymium	150-2	27	17	20	21	24.12	cps
Nickel	60-2	417933	405803	398134	407290	2.45	cps
Phosphorus	31-2	29890	28746	27902	28846	3.46	cps
Potassium	39-2	2391462	2340716	2368799	2366993	1.07	cps
Rhodium	103-1	7750298	7732155	7377945	7620132	2.76	cps
Rhodium	103-2	3273375	3412504	3216053	3300644	3.06	cps
Scandium	45-1	5434142	5350425	5295914	5360160	1.30	cps
Scandium	45-2	165231	167971	164940	166048	1.01	cps
Selenium	82-1	71037	72356	72521	71972	1.13	cps
Selenium	77-2	2140	1964	1963	2022	5.04	cps
Selenium	78-2	7000	6755	6837	6864	1.82	cps
Silicon	28-1	2935017	3210991	3260980	3135663	5.60	cps
Silver	107-1	4418729	4202969	4324800	4315499	2.51	cps
Silver	109-1	4199402	4128567	4174314	4167427	0.86	cps
Sodium	23-2	13046066	12615707	12505047	12722273	2.25	cps
Strontium	86-1	24463866	24667025	24874943	24668611	0.83	cps
Strontium	88-1	220210922	221388280	208807546	216802249	3.21	cps
Sulfur	34-1	713389	716709	689400	706499	2.11	cps
Terbium	159-1	10449378	9899148	9895086	10081204	3.16	cps
Terbium	159-2	4267481	4274562	4240765	4260936	0.42	cps
Thallium	203-1	2984486	3094075	3029915	3036159	1.81	cps
Thallium	205-1	7058816	7313019	7248587	7206808	1.83	cps
Tin	118-1	2597614	2470792	2514994	2527800	2.55	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151307BS	Instrumnet Name :	P8
Client Sample ID :	PB151307BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:03:33	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4894933	4788740	4809527	4831067	1.16	cps
Uranium	238-1	9790352	9902931	9781017	9824766	0.69	cps
Vanadium	51-2	647522	630953	615026	631167	2.57	cps
Ytterbium	172-1	117	108	100	108	7.69	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	14400	13874	14083	14119	1.87	cps
Ytterbium	176-2	15226	15092	14519	14946	2.51	cps
Yttrium	89-1	11454228	11213642	11120617	11262829	1.53	cps
Yttrium	89-2	1184388	1183319	1144772	1170826	1.93	cps
Zinc	66-2	1505733	1444207	1494795	1481578	2.22	cps
Zirconium	90-1	5433415	5610083	5500392	5514630	1.62	cps
Zirconium	91-1	1230357	1251231	1231975	1237854	0.94	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9635678	9022422	9240186	9299429	3.34	cps
Antimony	121-1	75249	75509	76867	75875	1.14	cps
Arsenic	75-2	17441	17167	16833	17147	1.78	cps
Barium	135-1	1110029	1135758	1105562	1117116	1.46	cps
Barium	137-1	1889307	1974347	1912830	1925495	2.28	cps
Beryllium	9-1	6663	6439	6413	6505	2.11	cps
Bismuth	209-1	8488224	9608287	9451617	9182709	6.61	cps
Bismuth	209-2	4175404	4009671	3995084	4060053	2.47	cps
Boron	10-1	15487	16028	15423	15646	2.12	cps
Boron	11-1	69402	70897	73291	71196	2.76	cps
Bromine	81-1	34789	36697	38974	36820	5.69	cps
Cadmium	111-1	13034	13098	13512	13215	1.96	cps
Cadmium	106-1	9454	9020	9504	9326	2.85	cps
Cadmium	108-1	1825	1788	1925	1846	3.85	cps
Calcium	43-1	12552632	12258287	12231080	12347333	1.44	cps
Calcium	44-1	199125825	202181133	199732854	200346604	0.81	cps
Carbon	12-1	9278413	10127437	10258887	9888246	5.38	cps
Carbon	12-2	131588	129291	129022	129967	1.08	cps
Chlorine	35-1	354105266	429468876	469458094	417677412	14.02	cps
Chlorine	35-2	3480208	3514046	3531529	3508595	0.74	cps
Chromium	52-2	1063661	1033395	1006053	1034370	2.79	cps
Cobalt	59-2	766914	760453	726467	751278	2.89	cps
Copper	63-2	3636985	3599141	3465749	3567292	2.52	cps
Dysprosium	156-1	143955	143536	144756	144082	0.43	cps
Dysprosium	156-2	59409	59060	57450	58640	1.78	cps
Erbium	164-1	164580	165946	162351	164292	1.10	cps
Erbium	164-2	61056	59693	58291	59680	2.32	cps
Gadolinium	160-1	153570	152815	148296	151561	1.88	cps
Gadolinium	160-2	67145	64867	63642	65218	2.73	cps
Holmium	165-1	10629610	11894545	11948501	11490885	6.50	cps
Holmium	165-2	4793937	4824618	4690034	4769529	1.48	cps
Indium	115-1	8582088	9529728	10060068	9390628	7.97	cps
Indium	115-2	1339182	1310100	1293869	1314383	1.75	cps
Iron	54-2	35888727	34089102	33017072	34331633	4.23	cps
Iron	56-2	633852992	632051259	606033680	623979310	2.49	cps
Iron	57-2	16210895	15280164	15385090	15625383	3.26	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	769	777	761	2.76	cps
Lead	206-1	1249862	1263186	1274839	1262629	0.99	cps
Lead	207-1	1018428	1071211	1048732	1046124	2.53	cps
Lead	208-1	4963602	5118085	5132209	5071299	1.84	cps
Lithium	6-1	2974015	3290127	3531850	3265330	8.57	cps
Magnesium	24-2	16497540	16128005	15446719	16024088	3.33	cps
Manganese	55-2	7374434	7089440	6822362	7095412	3.89	cps
Molybdenum	94-1	433605	424811	429814	429410	1.03	cps
Molybdenum	95-1	133231	132583	137497	134437	1.99	cps
Molybdenum	96-1	222054	224403	223022	223160	0.53	cps
Molybdenum	97-1	83804	87904	84735	85481	2.51	cps
Molybdenum	98-1	221016	216392	213762	217057	1.69	cps
Neodymium	150-1	182388	187772	184245	184802	1.48	cps
Neodymium	150-2	51867	52285	49434	51195	3.01	cps
Nickel	60-2	2048110	1978127	1942073	1989437	2.71	cps
Phosphorus	31-2	17795	17286	17870	17650	1.80	cps
Potassium	39-2	682247	679568	656131	672649	2.14	cps
Rhodium	103-1	7820558	8324582	8655173	8266771	5.08	cps
Rhodium	103-2	3515246	3536109	3440614	3497323	1.44	cps
Scandium	45-1	6849178	7502900	7371872	7241317	4.78	cps
Scandium	45-2	206354	204397	202067	204273	1.05	cps
Selenium	82-1	637	625	634	632	1.01	cps
Selenium	77-2	240	223	270	244	9.68	cps
Selenium	78-2	293	254	305	284	9.39	cps
Silicon	28-1	21636981	22070922	21311716	21673206	1.76	cps
Silver	107-1	35923	40761	44498	40394	10.64	cps
Silver	109-1	36509	38471	44335	39772	10.24	cps
Sodium	23-2	1509461	1458963	1434189	1467538	2.61	cps
Strontium	86-1	4695208	4817732	4792772	4768571	1.36	cps
Strontium	88-1	40769565	41099577	39559636	40476260	2.00	cps
Sulfur	34-1	530829	542805	537062	536899	1.12	cps
Terbium	159-1	10808346	12019432	12244564	11690781	6.61	cps
Terbium	159-2	4830230	4498909	4592744	4640628	3.68	cps
Thallium	203-1	7769	8336	8286	8131	3.86	cps
Thallium	205-1	18489	20083	19924	19498	4.50	cps
Tin	118-1	177812	190740	195555	188036	4.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:07:43	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11912655	11861814	11827622	11867364	0.36	cps
Uranium	238-1	104506	103639	109388	105845	2.93	cps
Vanadium	51-2	7195754	7038460	6624918	6953044	4.24	cps
Ytterbium	172-1	57074	60456	60330	59287	3.23	cps
Ytterbium	172-2	25670	25347	24835	25284	1.67	cps
Ytterbium	176-1	38933	38657	40613	39401	2.69	cps
Ytterbium	176-2	27295	27891	26944	27377	1.75	cps
Yttrium	89-1	14933019	16070906	15621310	15541745	3.69	cps
Yttrium	89-2	1536501	1481633	1420129	1479421	3.94	cps
Zinc	66-2	930228	934320	907510	924019	1.56	cps
Zirconium	90-1	968450	979751	955123	967775	1.27	cps
Zirconium	91-1	212936	218433	219484	216951	1.62	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1796127	1710888	1682793	1729936	3.41	cps
Antimony	121-1	14825	13907	15017	14583	4.07	cps
Arsenic	75-2	3189	3165	3270	3208	1.72	cps
Barium	135-1	202044	202856	198156	201019	1.25	cps
Barium	137-1	338416	346048	350122	344862	1.72	cps
Beryllium	9-1	1209	1251	1297	1252	3.54	cps
Bismuth	209-1	7002560	7299756	6969256	7090524	2.57	cps
Bismuth	209-2	3341317	3348354	3273431	3321034	1.25	cps
Boron	10-1	5032	5202	5218	5151	2.00	cps
Boron	11-1	23194	23725	24077	23665	1.88	cps
Bromine	81-1	33194	32793	33957	33314	1.78	cps
Cadmium	111-1	4680	5183	5039	4967	5.21	cps
Cadmium	106-1	4943	5585	5026	5184	6.73	cps
Cadmium	108-1	358	383	333	358	6.98	cps
Calcium	43-1	2196247	2239292	2242072	2225871	1.15	cps
Calcium	44-1	36421175	35733420	36400655	36185083	1.08	cps
Carbon	12-1	4688671	4664252	4801469	4718131	1.55	cps
Carbon	12-2	61119	62550	62885	62185	1.51	cps
Chlorine	35-1	129684445	131724061	133491820	131633442	1.45	cps
Chlorine	35-2	890533	857005	848295	865277	2.58	cps
Chromium	52-2	194875	192693	186630	191399	2.23	cps
Cobalt	59-2	142375	141169	138016	140520	1.60	cps
Copper	63-2	685068	656986	641545	661200	3.34	cps
Dysprosium	156-1	25600	26477	25859	25979	1.73	cps
Dysprosium	156-2	10724	11048	10434	10736	2.86	cps
Erbium	164-1	28982	30060	28189	29077	3.23	cps
Erbium	164-2	11048	10668	10588	10768	2.28	cps
Gadolinium	160-1	26051	27237	26869	26719	2.27	cps
Gadolinium	160-2	12126	11655	11445	11742	2.97	cps
Holmium	165-1	10887904	10478396	10582129	10649476	2.00	cps
Holmium	165-2	4362089	4396132	4429769	4395997	0.77	cps
Indium	115-1	8560663	8433136	8526327	8506709	0.78	cps
Indium	115-2	1134386	1133371	1145127	1137628	0.57	cps
Iron	54-2	6441737	6427987	6257746	6375823	1.61	cps
Iron	56-2	117985992	116928558	116157533	117024028	0.78	cps
Iron	57-2	3027941	2988441	2891203	2969195	2.37	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	391	374	380	382	2.32	cps
Lead	206-1	234669	237052	230037	233919	1.52	cps
Lead	207-1	196760	196174	193048	195327	1.02	cps
Lead	208-1	895360	917444	901282	904695	1.26	cps
Lithium	6-1	2807163	2899207	2898445	2868271	1.85	cps
Magnesium	24-2	3091982	2992011	2951407	3011800	2.40	cps
Manganese	55-2	1279154	1267327	1244098	1263526	1.41	cps
Molybdenum	94-1	77426	77358	76295	77026	0.82	cps
Molybdenum	95-1	24122	24364	23704	24063	1.39	cps
Molybdenum	96-1	37819	40585	39256	39220	3.53	cps
Molybdenum	97-1	15217	15067	15668	15317	2.04	cps
Molybdenum	98-1	38203	41480	38989	39557	4.32	cps
Neodymium	150-1	33268	34418	32380	33355	3.06	cps
Neodymium	150-2	9517	9617	9397	9510	1.16	cps
Nickel	60-2	368096	359157	352128	359794	2.22	cps
Phosphorus	31-2	3275	3484	3150	3303	5.10	cps
Potassium	39-2	138294	136418	136055	136922	0.88	cps
Rhodium	103-1	8203249	7882517	7825761	7970509	2.55	cps
Rhodium	103-2	3465240	3335125	3575350	3458572	3.48	cps
Scandium	45-1	6148340	5887351	5836377	5957356	2.81	cps
Scandium	45-2	167685	162236	172058	167326	2.94	cps
Selenium	82-1	157	151	155	155	2.03	cps
Selenium	77-2	47	63	43	51	20.96	cps
Selenium	78-2	111	93	84	96	14.32	cps
Silicon	28-1	4026927	4143614	4125429	4098657	1.53	cps
Silver	107-1	5485	5910	5718	5704	3.73	cps
Silver	109-1	5418	5585	5685	5562	2.42	cps
Sodium	23-2	283224	271989	266333	273849	3.14	cps
Strontium	86-1	819284	847368	812875	826509	2.22	cps
Strontium	88-1	7113900	7186163	7023262	7107775	1.15	cps
Sulfur	34-1	343656	343075	340823	342518	0.44	cps
Terbium	159-1	10928402	11549910	10679298	11052536	4.06	cps
Terbium	159-2	4359855	4340348	4350184	4350129	0.22	cps
Thallium	203-1	1342	1483	1308	1378	6.75	cps
Thallium	205-1	3326	3209	3109	3214	3.37	cps
Tin	118-1	32715	32289	31503	32169	1.91	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-01-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:10:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2126516	2107955	2104119	2112863	0.57	cps
Uranium	238-1	19374	19824	19349	19516	1.37	cps
Vanadium	51-2	1307176	1314772	1243566	1288505	3.03	cps
Ytterbium	172-1	10012	10922	10997	10644	5.15	cps
Ytterbium	172-2	5018	4784	4545	4782	4.94	cps
Ytterbium	176-1	9078	8261	8611	8650	4.74	cps
Ytterbium	176-2	12439	12117	12350	12302	1.35	cps
Yttrium	89-1	12819676	12667031	12977781	12821496	1.21	cps
Yttrium	89-2	1198278	1170878	1196367	1188508	1.29	cps
Zinc	66-2	188275	186347	179849	184824	2.39	cps
Zirconium	90-1	168848	171779	175376	172001	1.90	cps
Zirconium	91-1	37560	38496	38554	38203	1.46	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6922228	6785682	6490304	6732738	3.28	cps
Antimony	121-1	51515	50377	49842	50578	1.69	cps
Arsenic	75-2	16533	16179	15797	16170	2.28	cps
Barium	135-1	1262792	1288622	1221224	1257546	2.70	cps
Barium	137-1	2251493	2219754	2192814	2221354	1.32	cps
Beryllium	9-1	5587	5384	5679	5550	2.72	cps
Bismuth	209-1	8357510	8468132	8131946	8319196	2.06	cps
Bismuth	209-2	3534133	3567091	3691371	3597532	2.30	cps
Boron	10-1	12241	12729	12987	12652	3.00	cps
Boron	11-1	55026	59229	60249	58168	4.76	cps
Bromine	81-1	36415	36214	37860	36830	2.44	cps
Cadmium	111-1	17729	17538	17282	17517	1.28	cps
Cadmium	106-1	10337	10271	9870	10160	2.49	cps
Cadmium	108-1	2404	2409	2392	2402	0.36	cps
Calcium	43-1	11760335	11621424	11635627	11672462	0.65	cps
Calcium	44-1	190456043	193637276	189934119	191342479	1.05	cps
Carbon	12-1	6424095	6877671	6910989	6737585	4.04	cps
Carbon	12-2	90689	92331	90026	91015	1.30	cps
Chlorine	35-1	423153284	485173994	516992845	475106708	10.04	cps
Chlorine	35-2	3664383	3585781	3573068	3607744	1.37	cps
Chromium	52-2	822264	796473	771403	796713	3.19	cps
Cobalt	59-2	619712	615808	586247	607256	3.01	cps
Copper	63-2	2087406	2097112	2076530	2087016	0.49	cps
Dysprosium	156-1	132816	136217	133986	134340	1.29	cps
Dysprosium	156-2	51426	51161	50553	51047	0.88	cps
Erbium	164-1	150388	149729	146049	148722	1.57	cps
Erbium	164-2	55415	53397	52259	53690	2.98	cps
Gadolinium	160-1	140606	138382	139350	139446	0.80	cps
Gadolinium	160-2	58227	56710	56168	57035	1.87	cps
Holmium	165-1	11781370	11764820	11654067	11733419	0.59	cps
Holmium	165-2	4657505	4604030	4589844	4617126	0.77	cps
Indium	115-1	9322369	9743470	9467724	9511188	2.25	cps
Indium	115-2	1204024	1196116	1198761	1199634	0.34	cps
Iron	54-2	42249177	42226062	40948894	41808044	1.78	cps
Iron	56-2	771662839	774331217	774070684	773354914	0.19	cps
Iron	57-2	19985203	20007585	19035273	19676020	2.82	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	662	729	686	692	4.85	cps
Lead	206-1	725694	743525	715752	728324	1.93	cps
Lead	207-1	602327	615530	590790	602882	2.05	cps
Lead	208-1	2815054	2890576	2808569	2838066	1.61	cps
Lithium	6-1	3404468	3436404	3526476	3455783	1.83	cps
Magnesium	24-2	14136887	13758038	13684374	13859766	1.75	cps
Manganese	55-2	7235721	7072836	6918150	7075569	2.24	cps
Molybdenum	94-1	560035	563726	543424	555729	1.95	cps
Molybdenum	95-1	173064	170624	168425	170705	1.36	cps
Molybdenum	96-1	286911	281500	282622	283678	1.01	cps
Molybdenum	97-1	108465	107886	106007	107452	1.20	cps
Molybdenum	98-1	278434	276906	272626	275989	1.09	cps
Neodymium	150-1	166188	168804	168513	167835	0.85	cps
Neodymium	150-2	45745	45009	43099	44617	3.06	cps
Nickel	60-2	911450	895680	878342	895157	1.85	cps
Phosphorus	31-2	15784	16034	15584	15801	1.43	cps
Potassium	39-2	640277	622641	630642	631187	1.40	cps
Rhodium	103-1	8304488	8209530	8108359	8207459	1.20	cps
Rhodium	103-2	3254419	3248188	3356058	3286222	1.84	cps
Scandium	45-1	7194558	7100231	7083108	7125965	0.84	cps
Scandium	45-2	184599	185599	182127	184108	0.97	cps
Selenium	82-1	587	565	522	558	5.91	cps
Selenium	77-2	217	167	237	207	17.45	cps
Selenium	78-2	229	234	225	229	1.97	cps
Silicon	28-1	15335271	14791433	14601949	14909551	2.55	cps
Silver	107-1	29491	32696	28940	30376	6.68	cps
Silver	109-1	27795	29383	25383	27520	7.32	cps
Sodium	23-2	1244226	1225443	1214179	1227949	1.24	cps
Strontium	86-1	4406622	4444715	4558144	4469827	1.76	cps
Strontium	88-1	39075811	39116965	38905482	39032753	0.29	cps
Sulfur	34-1	488288	474791	476253	479778	1.54	cps
Terbium	159-1	12061100	11847083	12169623	12025936	1.36	cps
Terbium	159-2	4476610	4440916	4532012	4483179	1.02	cps
Thallium	203-1	3234	3426	3892	3517	9.63	cps
Thallium	205-1	7894	8595	8720	8403	5.30	cps
Tin	118-1	215215	221724	220104	219014	1.55	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:13:25	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10530138	10571164	10602194	10567832	0.34	cps
Uranium	238-1	93629	93957	89482	92356	2.70	cps
Vanadium	51-2	4249950	4051852	4007161	4102988	3.15	cps
Ytterbium	172-1	54756	54831	55685	55091	0.94	cps
Ytterbium	172-2	23221	23081	22158	22820	2.53	cps
Ytterbium	176-1	39585	39828	38532	39315	1.75	cps
Ytterbium	176-2	25614	24629	25124	25122	1.96	cps
Yttrium	89-1	15515342	15428864	15507201	15483802	0.31	cps
Yttrium	89-2	1320359	1304431	1314349	1313046	0.61	cps
Zinc	66-2	958015	934801	940263	944359	1.29	cps
Zirconium	90-1	1260967	1296387	1265676	1274343	1.51	cps
Zirconium	91-1	280777	279244	281912	280644	0.48	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1386256	1360653	1269650	1338853	4.58	cps
Antimony	121-1	9445	10079	9879	9801	3.31	cps
Arsenic	75-2	3159	3051	3049	3086	2.04	cps
Barium	135-1	219414	223097	228680	223731	2.09	cps
Barium	137-1	388466	395533	384882	389627	1.39	cps
Beryllium	9-1	1129	1041	1029	1066	5.11	cps
Bismuth	209-1	6775472	6802482	6797869	6791941	0.21	cps
Bismuth	209-2	3300830	3296868	3170045	3255914	2.28	cps
Boron	10-1	4280	4230	4138	4216	1.71	cps
Boron	11-1	18902	19087	19267	19085	0.95	cps
Bromine	81-1	32431	33394	31288	32371	3.26	cps
Cadmium	111-1	6206	5669	5846	5907	4.63	cps
Cadmium	106-1	5776	5326	5318	5473	4.79	cps
Cadmium	108-1	417	538	467	474	12.82	cps
Calcium	43-1	2083062	2179208	2141861	2134711	2.27	cps
Calcium	44-1	34020358	34974504	33449441	34148101	2.26	cps
Carbon	12-1	3894099	3976767	3984959	3951942	1.27	cps
Carbon	12-2	51625	51567	52544	51912	1.06	cps
Chlorine	35-1	140251857	144812316	142258612	142440928	1.60	cps
Chlorine	35-2	920053	914170	897339	910521	1.29	cps
Chromium	52-2	156009	151319	149461	152263	2.22	cps
Cobalt	59-2	118909	115378	114647	116311	1.96	cps
Copper	63-2	412824	404403	395780	404336	2.11	cps
Dysprosium	156-1	23304	24632	23555	23830	2.96	cps
Dysprosium	156-2	9527	9640	8996	9388	3.66	cps
Erbium	164-1	27187	26819	26677	26894	0.98	cps
Erbium	164-2	10037	10114	9627	9926	2.64	cps
Gadolinium	160-1	24974	25208	24256	24813	2.00	cps
Gadolinium	160-2	11455	10975	10488	10972	4.41	cps
Holmium	165-1	10346301	10612065	10498926	10485764	1.27	cps
Holmium	165-2	4420829	4203325	4311366	4311840	2.52	cps
Indium	115-1	8264082	8353397	8084102	8233860	1.67	cps
Indium	115-2	1113485	1079387	1080363	1091079	1.78	cps
Iron	54-2	8374449	8236896	8071665	8227670	1.84	cps
Iron	56-2	152391148	145859964	147788037	148679716	2.26	cps
Iron	57-2	3917612	3766440	3705646	3796566	2.87	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	387	429	349	388	10.30	cps
Lead	206-1	135326	132966	132310	133534	1.19	cps
Lead	207-1	108362	112512	108211	109695	2.23	cps
Lead	208-1	514270	526032	516644	518982	1.20	cps
Lithium	6-1	2741036	2702494	2768747	2737426	1.22	cps
Magnesium	24-2	2844457	2731583	2679709	2751916	3.06	cps
Manganese	55-2	1398977	1348789	1295588	1347785	3.84	cps
Molybdenum	94-1	96436	100295	97424	98052	2.04	cps
Molybdenum	95-1	30551	30968	30392	30637	0.97	cps
Molybdenum	96-1	51941	50259	50978	51059	1.65	cps
Molybdenum	97-1	19539	19439	18513	19164	2.95	cps
Molybdenum	98-1	47081	49113	49079	48424	2.40	cps
Neodymium	150-1	30368	30562	29446	30125	1.98	cps
Neodymium	150-2	8846	8483	8063	8464	4.63	cps
Nickel	60-2	178026	176937	173139	176034	1.46	cps
Phosphorus	31-2	3250	3025	3225	3167	3.90	cps
Potassium	39-2	135030	133416	128841	132429	2.42	cps
Rhodium	103-1	7928935	7480348	7739840	7716374	2.92	cps
Rhodium	103-2	3350457	3314699	3328368	3331175	0.54	cps
Scandium	45-1	5577717	5664185	5485635	5575846	1.60	cps
Scandium	45-2	158186	155816	154361	156121	1.24	cps
Selenium	82-1	132	73	142	116	32.68	cps
Selenium	77-2	43	27	27	32	29.85	cps
Selenium	78-2	85	79	69	78	10.41	cps
Silicon	28-1	3608883	2882501	3011780	3167721	12.23	cps
Silver	107-1	3250	3050	3401	3234	5.43	cps
Silver	109-1	2717	2667	2767	2717	1.84	cps
Sodium	23-2	245708	237160	235766	239545	2.25	cps
Strontium	86-1	804025	798387	805310	802574	0.46	cps
Strontium	88-1	6820604	7030641	7013943	6955063	1.68	cps
Sulfur	34-1	321777	319606	322508	321297	0.47	cps
Terbium	159-1	10882526	10810232	10754474	10815744	0.59	cps
Terbium	159-2	4361315	4196677	4241112	4266368	2.00	cps
Thallium	203-1	975	892	867	911	6.23	cps
Thallium	205-1	2359	2100	2225	2228	5.80	cps
Tin	118-1	36617	38555	37970	37714	2.64	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-02-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:16:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1953364	1955609	1877448	1928807	2.31	cps
Uranium	238-1	17588	17179	17246	17337	1.26	cps
Vanadium	51-2	787074	769214	749354	768547	2.46	cps
Ytterbium	172-1	9854	9470	9620	9648	2.00	cps
Ytterbium	172-2	4629	4056	4212	4299	6.88	cps
Ytterbium	176-1	7978	8570	8336	8295	3.60	cps
Ytterbium	176-2	12445	11700	12445	12197	3.53	cps
Yttrium	89-1	12083606	12002769	12567396	12217924	2.50	cps
Yttrium	89-2	1170668	1113176	1123015	1135620	2.71	cps
Zinc	66-2	201732	195960	193933	197208	2.05	cps
Zirconium	90-1	220743	220397	224629	221923	1.06	cps
Zirconium	91-1	48502	49723	50142	49456	1.72	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14602329	14249793	13546792	14132971	3.80	cps
Antimony	121-1	22903	24130	22728	23254	3.29	cps
Arsenic	75-2	5357	5312	5141	5270	2.15	cps
Barium	135-1	545480	547262	536378	543040	1.08	cps
Barium	137-1	955118	965721	940938	953926	1.30	cps
Beryllium	9-1	5312	5398	5077	5262	3.16	cps
Bismuth	209-1	8145021	7670791	7738004	7851272	3.27	cps
Bismuth	209-2	3481997	3399938	3306920	3396285	2.58	cps
Boron	10-1	13634	14630	15011	14425	4.93	cps
Boron	11-1	63193	66539	69604	66445	4.83	cps
Bromine	81-1	34398	35120	34047	34522	1.59	cps
Cadmium	111-1	17277	17010	16295	16861	3.01	cps
Cadmium	106-1	15918	15726	14650	15431	4.43	cps
Cadmium	108-1	4259	4388	4138	4262	2.93	cps
Calcium	43-1	9010061	9115635	8885647	9003781	1.28	cps
Calcium	44-1	148856803	146972874	148482065	148103914	0.67	cps
Carbon	12-1	8656507	9160312	9199690	9005503	3.36	cps
Carbon	12-2	119887	115570	114252	116569	2.53	cps
Chlorine	35-1	410664026	478144777	494656394	461155066	9.65	cps
Chlorine	35-2	3502825	3456570	3428362	3462586	1.09	cps
Chromium	52-2	457500	446506	435926	446644	2.42	cps
Cobalt	59-2	817157	785827	760829	787937	3.58	cps
Copper	63-2	4515025	4269056	4206973	4330352	3.76	cps
Dysprosium	156-1	163232	164669	160796	162899	1.20	cps
Dysprosium	156-2	63246	61977	60052	61758	2.60	cps
Erbium	164-1	196322	192753	192540	193872	1.10	cps
Erbium	164-2	68445	67406	66673	67508	1.32	cps
Gadolinium	160-1	176800	183550	176496	178948	2.23	cps
Gadolinium	160-2	75576	72279	72255	73370	2.60	cps
Holmium	165-1	11873961	11441482	11621636	11645693	1.87	cps
Holmium	165-2	4504117	4398349	4576175	4492880	1.99	cps
Indium	115-1	9005932	9230591	9145949	9127491	1.24	cps
Indium	115-2	1138764	1152578	1137157	1142833	0.74	cps
Iron	54-2	45275354	44370090	44508908	44718117	1.09	cps
Iron	56-2	848317752	821222863	787064018	818868211	3.75	cps
Iron	57-2	20901628	20759673	20022734	20561345	2.29	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	765	825	780	5.09	cps
Lead	206-1	741562	769219	763965	758249	1.94	cps
Lead	207-1	620132	616955	614750	617279	0.44	cps
Lead	208-1	2930000	2906090	2906291	2914127	0.47	cps
Lithium	6-1	3240861	3287404	3275374	3267880	0.74	cps
Magnesium	24-2	25538463	24416763	24062640	24672622	3.12	cps
Manganese	55-2	9419884	9112219	9044395	9192166	2.18	cps
Molybdenum	94-1	1132282	1146376	1117758	1132138	1.26	cps
Molybdenum	95-1	53713	53763	52533	53336	1.30	cps
Molybdenum	96-1	268368	261894	263193	264485	1.30	cps
Molybdenum	97-1	34168	33700	33550	33806	0.95	cps
Molybdenum	98-1	83368	83947	83695	83670	0.35	cps
Neodymium	150-1	208538	209167	204462	207389	1.23	cps
Neodymium	150-2	56733	55210	52506	54816	3.91	cps
Nickel	60-2	364170	357591	349256	357005	2.09	cps
Phosphorus	31-2	22910	22268	22284	22487	1.63	cps
Potassium	39-2	396512	382199	379406	386039	2.38	cps
Rhodium	103-1	8227416	8069181	7895302	8063967	2.06	cps
Rhodium	103-2	3204448	3290860	3251111	3248806	1.33	cps
Scandium	45-1	8361347	8179598	8091488	8210811	1.68	cps
Scandium	45-2	214420	212952	211037	212803	0.80	cps
Selenium	82-1	470	390	342	401	16.08	cps
Selenium	77-2	237	270	223	243	9.88	cps
Selenium	78-2	219	206	231	219	5.72	cps
Silicon	28-1	15285132	14312853	15295976	14964654	3.77	cps
Silver	107-1	17295	18588	17620	17834	3.77	cps
Silver	109-1	14341	15092	14633	14689	2.58	cps
Sodium	23-2	3156720	3006250	3005073	3056014	2.85	cps
Strontium	86-1	1400302	1365923	1416692	1394305	1.86	cps
Strontium	88-1	11562355	12030928	11558657	11717313	2.32	cps
Sulfur	34-1	493435	488129	490815	490793	0.54	cps
Terbium	159-1	12178000	12019885	12050184	12082690	0.69	cps
Terbium	159-2	4459493	4363998	4531447	4451646	1.89	cps
Thallium	203-1	1283	1358	1492	1378	7.66	cps
Thallium	205-1	3417	3326	3401	3381	1.44	cps
Tin	118-1	111591	119839	114521	115317	3.63	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:19:12	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23029413	23233234	22412932	22891860	1.87	cps
Uranium	238-1	88861	91097	90516	90158	1.29	cps
Vanadium	51-2	2681857	2674096	2617431	2657795	1.32	cps
Ytterbium	172-1	74310	74971	76840	75374	1.74	cps
Ytterbium	172-2	31566	31065	30508	31046	1.71	cps
Ytterbium	176-1	56004	57150	57158	56770	1.17	cps
Ytterbium	176-2	31928	32100	31421	31816	1.11	cps
Yttrium	89-1	15725453	15480524	15330691	15512223	1.28	cps
Yttrium	89-2	1345508	1323605	1370919	1346677	1.76	cps
Zinc	66-2	595441	576457	570056	580652	2.27	cps
Zirconium	90-1	3057016	3092064	3068149	3072410	0.58	cps
Zirconium	91-1	668879	668952	655057	664296	1.20	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2759364	2778152	2657502	2731673	2.38	cps
Antimony	121-1	4484	4668	4209	4454	5.18	cps
Arsenic	75-2	967	952	973	964	1.12	cps
Barium	135-1	94841	95966	94219	95009	0.93	cps
Barium	137-1	164287	169772	167043	167034	1.64	cps
Beryllium	9-1	990	1042	1006	1013	2.65	cps
Bismuth	209-1	6876791	6804515	6973067	6884791	1.23	cps
Bismuth	209-2	3259633	3184197	3172922	3205584	1.47	cps
Boron	10-1	4532	4372	4438	4447	1.81	cps
Boron	11-1	20278	19795	20066	20046	1.21	cps
Bromine	81-1	32241	31819	32622	32227	1.25	cps
Cadmium	111-1	5356	5316	5761	5478	4.49	cps
Cadmium	106-1	5976	5935	6218	6043	2.53	cps
Cadmium	108-1	825	829	888	847	4.12	cps
Calcium	43-1	1646098	1645464	1694920	1662161	1.71	cps
Calcium	44-1	27128708	26275746	26685403	26696619	1.60	cps
Carbon	12-1	4565063	4564298	4704582	4611314	1.75	cps
Carbon	12-2	61630	59739	61438	60935	1.71	cps
Chlorine	35-1	134754111	137511995	137209311	136491806	1.11	cps
Chlorine	35-2	875979	859518	846974	860823	1.69	cps
Chromium	52-2	86175	85158	82996	84776	1.92	cps
Cobalt	59-2	154506	152088	147855	151483	2.22	cps
Copper	63-2	845574	828026	816170	829923	1.78	cps
Dysprosium	156-1	28565	29868	29099	29177	2.24	cps
Dysprosium	156-2	11829	11058	11335	11407	3.42	cps
Erbium	164-1	34287	34094	32474	33618	2.96	cps
Erbium	164-2	12599	12549	12139	12429	2.03	cps
Gadolinium	160-1	32064	31914	30803	31594	2.18	cps
Gadolinium	160-2	13554	13373	13260	13396	1.11	cps
Holmium	165-1	10489050	10626662	10108211	10407974	2.58	cps
Holmium	165-2	4170778	4255785	4126206	4184257	1.57	cps
Indium	115-1	8374596	7983799	8271988	8210127	2.47	cps
Indium	115-2	1043526	1067371	1056858	1055918	1.13	cps
Iron	54-2	9036460	8592345	8249782	8626196	4.57	cps
Iron	56-2	159669165	155504620	151876798	155683528	2.50	cps
Iron	57-2	3985720	4030666	3895619	3970668	1.73	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	382	422	401	402	4.98	cps
Lead	206-1	136439	138556	135978	136991	1.00	cps
Lead	207-1	111825	111611	112279	111905	0.30	cps
Lead	208-1	525002	532058	526501	527853	0.70	cps
Lithium	6-1	2676797	2763060	2638944	2692934	2.36	cps
Magnesium	24-2	4738478	4827692	4648372	4738181	1.89	cps
Manganese	55-2	1852050	1752926	1728845	1777941	3.67	cps
Molybdenum	94-1	200204	201088	198738	200010	0.59	cps
Molybdenum	95-1	10321	9695	9604	9873	3.95	cps
Molybdenum	96-1	46588	47416	46103	46702	1.42	cps
Molybdenum	97-1	5810	6010	6052	5957	2.17	cps
Molybdenum	98-1	15459	14850	14700	15003	2.68	cps
Neodymium	150-1	35855	36269	35601	35908	0.94	cps
Neodymium	150-2	10624	9917	9570	10037	5.35	cps
Nickel	60-2	69398	69978	67731	69036	1.69	cps
Phosphorus	31-2	4593	4292	4559	4481	3.67	cps
Potassium	39-2	84967	83417	81464	83282	2.11	cps
Rhodium	103-1	8182504	7894292	7723289	7933362	2.93	cps
Rhodium	103-2	3208317	3202086	3298579	3236327	1.67	cps
Scandium	45-1	5686696	5822061	5676297	5728351	1.42	cps
Scandium	45-2	159034	161191	161161	160462	0.77	cps
Selenium	82-1	137	70	65	91	44.58	cps
Selenium	77-2	50	47	60	52	13.28	cps
Selenium	78-2	94	86	72	84	13.26	cps
Silicon	28-1	4907144	2963387	3187803	3686111	28.85	cps
Silver	107-1	3342	2975	2884	3067	7.91	cps
Silver	109-1	2700	2609	2342	2550	7.30	cps
Sodium	23-2	589840	585063	574901	583268	1.31	cps
Strontium	86-1	245034	247006	245327	245789	0.43	cps
Strontium	88-1	2173748	2195574	2125465	2164929	1.66	cps
Sulfur	34-1	323590	326662	321000	323751	0.88	cps
Terbium	159-1	10626097	10766805	10497828	10630243	1.27	cps
Terbium	159-2	4134121	4233612	4135234	4167655	1.37	cps
Thallium	203-1	483	450	400	444	9.44	cps
Thallium	205-1	967	1142	908	1006	12.08	cps
Tin	118-1	18630	19531	19756	19306	3.09	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-03-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:22:03	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4207084	4087417	4073889	4122797	1.78	cps
Uranium	238-1	15635	15627	16553	15938	3.34	cps
Vanadium	51-2	491987	478442	482333	484254	1.44	cps
Ytterbium	172-1	12314	13215	12398	12642	3.94	cps
Ytterbium	172-2	5807	5562	5907	5759	3.08	cps
Ytterbium	176-1	10805	11789	11347	11314	4.36	cps
Ytterbium	176-2	13157	13513	13691	13453	2.02	cps
Yttrium	89-1	12531836	12360788	12094659	12329094	1.79	cps
Yttrium	89-2	1121109	1118840	1121640	1120529	0.13	cps
Zinc	66-2	121647	120017	113131	118265	3.82	cps
Zirconium	90-1	540909	539504	536676	539029	0.40	cps
Zirconium	91-1	118429	117747	118740	118305	0.43	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3256839	3066349	3028154	3117114	3.93	cps
Antimony	121-1	4017	3934	3909	3953	1.43	cps
Arsenic	75-2	1116	1162	1211	1163	4.09	cps
Barium	135-1	109838	116206	109408	111818	3.40	cps
Barium	137-1	191096	195342	192800	193080	1.11	cps
Beryllium	9-1	1186	1219	1107	1171	4.89	cps
Bismuth	209-1	5393746	6687970	6582859	6221525	11.55	cps
Bismuth	209-2	3205269	3037781	3130149	3124400	2.69	cps
Boron	10-1	4232	4274	4170	4225	1.24	cps
Boron	11-1	18106	19453	19629	19063	4.37	cps
Bromine	81-1	29521	30976	31237	30578	3.02	cps
Cadmium	111-1	4106	4566	4566	4413	6.02	cps
Cadmium	106-1	4809	5701	5376	5296	8.52	cps
Cadmium	108-1	617	625	717	653	8.50	cps
Calcium	43-1	1925266	1908102	1974445	1935938	1.78	cps
Calcium	44-1	30893584	31622079	31245930	31253864	1.17	cps
Carbon	12-1	4112805	4230899	4348764	4230823	2.79	cps
Carbon	12-2	57630	54109	54192	55310	3.63	cps
Chlorine	35-1	92262000	104215859	109664136	102047331	8.72	cps
Chlorine	35-2	741004	732308	725120	732811	1.09	cps
Chromium	52-2	94389	92142	90045	92192	2.36	cps
Cobalt	59-2	156279	150795	150218	152430	2.19	cps
Copper	63-2	995911	952550	955054	967838	2.52	cps
Dysprosium	156-1	30911	32014	30369	31098	2.70	cps
Dysprosium	156-2	12736	12139	12056	12310	3.02	cps
Erbium	164-1	36284	35206	37244	36245	2.81	cps
Erbium	164-2	14037	13610	13721	13789	1.61	cps
Gadolinium	160-1	33894	34328	34429	34217	0.83	cps
Gadolinium	160-2	15349	14952	14398	14900	3.21	cps
Holmium	165-1	8398153	9749330	10303071	9483518	10.33	cps
Holmium	165-2	4248322	4082318	4161062	4163901	1.99	cps
Indium	115-1	6401770	8004702	8022214	7476229	12.45	cps
Indium	115-2	1047672	1043470	1046093	1045745	0.20	cps
Iron	54-2	8342226	8017575	8159275	8173025	1.99	cps
Iron	56-2	157020298	148816470	148212514	151349761	3.25	cps
Iron	57-2	3922878	3725461	3731638	3793326	2.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	439	375	372	395	9.50	cps
Lead	206-1	130042	130413	128487	129647	0.79	cps
Lead	207-1	108491	109767	109174	109144	0.59	cps
Lead	208-1	507175	514712	512080	511322	0.75	cps
Lithium	6-1	2214501	2685624	2628104	2509409	10.24	cps
Magnesium	24-2	4944545	4823889	4669734	4812723	2.86	cps
Manganese	55-2	1952790	1837785	1873236	1887937	3.12	cps
Molybdenum	94-1	189462	195751	194322	193178	1.71	cps
Molybdenum	95-1	5335	5051	5018	5134	3.39	cps
Molybdenum	96-1	41580	41947	42315	41948	0.88	cps
Molybdenum	97-1	3184	3075	3250	3170	2.79	cps
Molybdenum	98-1	7511	8119	8395	8008	5.65	cps
Neodymium	150-1	38783	39398	39191	39124	0.80	cps
Neodymium	150-2	10831	11312	11118	11087	2.18	cps
Nickel	60-2	73559	71281	72111	72317	1.59	cps
Phosphorus	31-2	4201	4001	3917	4040	3.61	cps
Potassium	39-2	90006	89260	86090	88452	2.35	cps
Rhodium	103-1	6014779	7524712	7725497	7088329	13.19	cps
Rhodium	103-2	3196905	3185353	3216421	3199559	0.49	cps
Scandium	45-1	4784756	5671272	5868909	5441646	10.61	cps
Scandium	45-2	160295	159359	156558	158737	1.22	cps
Selenium	82-1	120	106	125	117	8.29	cps
Selenium	77-2	57	50	47	51	9.96	cps
Selenium	78-2	93	74	72	80	14.55	cps
Silicon	28-1	2891199	3744573	3070957	3235576	13.90	cps
Silver	107-1	4584	4784	4659	4676	2.16	cps
Silver	109-1	4001	3917	4176	4031	3.27	cps
Sodium	23-2	502271	486535	476756	488521	2.64	cps
Strontium	86-1	210719	210731	212332	211261	0.44	cps
Strontium	88-1	1846132	1791428	1873435	1836998	2.27	cps
Sulfur	34-1	299859	304522	304079	302820	0.85	cps
Terbium	159-1	8471597	10231534	10591591	9764907	11.62	cps
Terbium	159-2	4171749	4272700	4055469	4166640	2.61	cps
Thallium	203-1	350	317	442	369	17.52	cps
Thallium	205-1	908	1000	850	920	8.23	cps
Tin	118-1	14541	15184	15201	14975	2.51	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:24:58	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4318763	4215690	4394558	4309670	2.08	cps
Uranium	238-1	16845	16561	15977	16461	2.69	cps
Vanadium	51-2	555303	553302	543437	550680	1.15	cps
Ytterbium	172-1	14350	15067	14633	14684	2.46	cps
Ytterbium	172-2	6580	6263	6257	6366	2.90	cps
Ytterbium	176-1	11439	12765	11914	12039	5.58	cps
Ytterbium	176-2	13607	13563	13490	13553	0.44	cps
Yttrium	89-1	9820152	11689634	12035811	11181866	10.66	cps
Yttrium	89-2	1112045	1114078	1109285	1111803	0.22	cps
Zinc	66-2	107925	107556	106940	107474	0.46	cps
Zirconium	90-1	517401	523399	545815	528872	2.83	cps
Zirconium	91-1	115430	116924	119622	117325	1.81	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2408550	2230594	2222161	2287102	4.60	cps
Antimony	121-1	2607462	2650900	2593776	2617379	1.14	cps
Arsenic	75-2	71846	69397	68733	69992	2.34	cps
Barium	135-1	3381937	3435327	3366895	3394719	1.06	cps
Barium	137-1	5519821	5848350	5713825	5693999	2.90	cps
Beryllium	9-1	724157	747158	736153	735823	1.56	cps
Bismuth	209-1	5829278	5003479	5294401	5375719	7.79	cps
Bismuth	209-2	2860595	2806369	2760347	2809104	1.79	cps
Boron	10-1	93393	102350	105325	100356	6.19	cps
Boron	11-1	419580	463335	462207	448374	5.56	cps
Bromine	81-1	27034	26533	28057	27208	2.86	cps
Cadmium	111-1	746725	772283	761439	760149	1.69	cps
Cadmium	106-1	84552	85993	84979	85175	0.87	cps
Cadmium	108-1	57833	59788	59683	59102	1.86	cps
Calcium	43-1	4733056	4756129	4803574	4764253	0.75	cps
Calcium	44-1	76451711	75727914	76136323	76105316	0.48	cps
Carbon	12-1	3719366	3856413	3874015	3816598	2.22	cps
Carbon	12-2	55271	55322	57898	56164	2.68	cps
Chlorine	35-1	3990817	3777363	3710817	3826332	3.82	cps
Chlorine	35-2	24221	24889	25114	24741	1.88	cps
Chromium	52-2	755708	717156	708673	727179	3.45	cps
Cobalt	59-2	1383786	1298847	1285590	1322741	4.03	cps
Copper	63-2	11418931	11086709	10851167	11118936	2.57	cps
Dysprosium	156-1	667	925	700	764	18.40	cps
Dysprosium	156-2	383	270	357	337	17.60	cps
Erbium	164-1	158	108	108	125	23.09	cps
Erbium	164-2	47	50	40	46	11.18	cps
Gadolinium	160-1	633	842	650	708	16.34	cps
Gadolinium	160-2	470	430	400	433	8.10	cps
Holmium	165-1	9601155	8163644	8694522	8819774	8.24	cps
Holmium	165-2	4154394	4143514	4066211	4121373	1.17	cps
Indium	115-1	7225527	6205591	6692227	6707781	7.61	cps
Indium	115-2	1038382	1035866	1016592	1030280	1.16	cps
Iron	54-2	8581876	8295163	8256601	8377880	2.12	cps
Iron	56-2	159159931	153887703	150929842	154659159	2.70	cps
Iron	57-2	4016686	3904510	3894107	3938434	1.73	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	295	314	270	293	7.49	cps
Lead	206-1	12268781	12347691	12349777	12322083	0.37	cps
Lead	207-1	10878503	10685421	10853196	10805707	0.97	cps
Lead	208-1	49471054	49740891	49472765	49561570	0.31	cps
Lithium	6-1	2334694	2025478	2127131	2162434	7.29	cps
Magnesium	24-2	32482987	31268158	30928667	31559938	2.59	cps
Manganese	55-2	4035998	3887253	3966073	3963108	1.88	cps
Molybdenum	94-1	10841204	11508112	11188071	11179129	2.98	cps
Molybdenum	95-1	16026845	16654997	16086535	16256126	2.13	cps
Molybdenum	96-1	17530565	17810683	17471143	17604130	1.03	cps
Molybdenum	97-1	9953317	10147018	10048071	10049469	0.96	cps
Molybdenum	98-1	24958621	25682198	25793666	25478162	1.78	cps
Neodymium	150-1	360	320	313	331	7.62	cps
Neodymium	150-2	40	17	10	22	70.88	cps
Nickel	60-2	372462	356414	355547	361474	2.64	cps
Phosphorus	31-2	27017	25899	25682	26199	2.74	cps
Potassium	39-2	10533642	9876251	10029992	10146628	3.39	cps
Rhodium	103-1	6783190	6131114	6165055	6359786	5.77	cps
Rhodium	103-2	3133440	3033149	2981323	3049304	2.54	cps
Scandium	45-1	5122066	4480399	4655468	4752644	6.98	cps
Scandium	45-2	150226	152293	153150	151890	0.99	cps
Selenium	82-1	62109	63949	64013	63357	1.71	cps
Selenium	77-2	1723	1697	1763	1728	1.94	cps
Selenium	78-2	6099	5798	5671	5856	3.76	cps
Silicon	28-1	2625371	2789431	2796461	2737088	3.54	cps
Silver	107-1	3696006	3809844	3876844	3794232	2.41	cps
Silver	109-1	3737933	3715175	3647443	3700184	1.27	cps
Sodium	23-2	57136824	56126941	54702576	55988780	2.18	cps
Strontium	86-1	23736560	24130234	23202109	23689635	1.97	cps
Strontium	88-1	203550005	203279471	202157884	202995786	0.36	cps
Sulfur	34-1	697034	696551	683544	692376	1.11	cps
Terbium	159-1	9940726	8447499	8719885	9036037	8.80	cps
Terbium	159-2	4215126	4132442	3981252	4109607	2.89	cps
Thallium	203-1	2896226	2951973	2908218	2918806	1.01	cps
Thallium	205-1	6971585	6831436	6844426	6882482	1.13	cps
Tin	118-1	2385026	2448245	2433336	2422202	1.36	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:36:10	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4528825	4543839	4557202	4543289	0.31	cps
Uranium	238-1	9591645	9905475	10000937	9832686	2.18	cps
Vanadium	51-2	590245	568094	556719	571686	2.98	cps
Ytterbium	172-1	358	317	325	333	6.61	cps
Ytterbium	172-2	117	122	172	137	22.33	cps
Ytterbium	176-1	13666	13749	13365	13593	1.48	cps
Ytterbium	176-2	14336	14425	14998	14586	2.46	cps
Yttrium	89-1	10758849	9371395	9685302	9938515	7.32	cps
Yttrium	89-2	1076116	1089979	1070870	1078988	0.92	cps
Zinc	66-2	1322850	1266338	1272855	1287348	2.40	cps
Zirconium	90-1	5266979	5274233	5278826	5273346	0.11	cps
Zirconium	91-1	1160584	1185000	1150779	1165454	1.51	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81	76	120	92	25.89	cps
Antimony	121-1	458	442	500	467	6.44	cps
Arsenic	75-2	4	0	3	2	89.21	cps
Barium	135-1	183	108	58	117	53.93	cps
Barium	137-1	217	300	83	200	54.64	cps
Beryllium	9-1	64	137	54	85	53.82	cps
Bismuth	209-1	5779341	6159875	6082459	6007225	3.35	cps
Bismuth	209-2	3107619	3016611	3345693	3156641	5.38	cps
Boron	10-1	2726	2750	2590	2688	3.21	cps
Boron	11-1	12507	12067	11224	11933	5.46	cps
Bromine	81-1	27786	28559	27776	28040	1.60	cps
Cadmium	111-1	2631	2621	2773	2675	3.17	cps
Cadmium	106-1	3684	3651	3909	3748	3.75	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Calcium	43-1	294	540	189	341	52.90	cps
Calcium	44-1	11737	13789	9677	11734	17.52	cps
Carbon	12-1	3173743	3199716	3191208	3188222	0.42	cps
Carbon	12-2	42654	42370	42989	42671	0.73	cps
Chlorine	35-1	2582544	2518101	2520487	2540377	1.44	cps
Chlorine	35-2	17436	16493	16969	16966	2.78	cps
Chromium	52-2	533	457	493	494	7.76	cps
Cobalt	59-2	60	73	60	64	11.94	cps
Copper	63-2	1160	1083	1217	1153	5.80	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	75	75	58	49.49	cps
Erbium	164-2	40	37	27	34	20.14	cps
Gadolinium	160-1	25	58	25	36	53.29	cps
Gadolinium	160-2	127	180	143	150	18.19	cps
Holmium	165-1	8998650	9198394	9165927	9120990	1.18	cps
Holmium	165-2	4139173	4017205	4395633	4184004	4.62	cps
Indium	115-1	6957635	7215474	7164939	7112683	1.92	cps
Indium	115-2	1039677	1044898	1162262	1082279	6.40	cps
Iron	54-2	556	578	700	611	12.73	cps
Iron	56-2	4640	4729	6124	5164	16.12	cps
Iron	57-2	144	133	128	135	6.28	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	291	291	289	290	0.50	cps
Lead	206-1	1367	1522	1172	1354	12.96	cps
Lead	207-1	1072	1517	1022	1204	22.61	cps
Lead	208-1	5089	6646	4511	5416	20.38	cps
Lithium	6-1	2240605	2271081	2227303	2246330	1.00	cps
Magnesium	24-2	400	308	692	467	42.89	cps
Manganese	55-2	110	140	133	128	12.33	cps
Molybdenum	94-1	892	1258	592	914	36.54	cps
Molybdenum	95-1	892	1050	675	872	21.59	cps
Molybdenum	96-1	1000	1100	750	950	18.98	cps
Molybdenum	97-1	525	708	383	539	30.24	cps
Molybdenum	98-1	1425	1834	858	1372	35.69	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	13	13	37	21	63.83	cps
Phosphorus	31-2	75	83	92	83	10.00	cps
Potassium	39-2	15317	14841	14875	15011	1.77	cps
Rhodium	103-1	7196158	6976495	7235507	7136054	1.96	cps
Rhodium	103-2	3217978	3152745	3574423	3315049	6.85	cps
Scandium	45-1	4712996	4977396	4899391	4863261	2.79	cps
Scandium	45-2	148324	146390	164953	153222	6.66	cps
Selenium	82-1	37	-11	50	25	127.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	38	35	39	11.75	cps
Silicon	28-1	465268	466800	468992	467020	0.40	cps
Silver	107-1	325	392	400	372	11.04	cps
Silver	109-1	300	375	233	303	23.41	cps
Sodium	23-2	14057	13865	14116	14013	0.93	cps
Strontium	86-1	1267	1792	842	1300	36.61	cps
Strontium	88-1	5677	9324	2984	5995	53.08	cps
Sulfur	34-1	279916	283529	283986	282477	0.79	cps
Terbium	159-1	9121773	9423570	9515066	9353470	2.20	cps
Terbium	159-2	4014009	3975851	4417776	4135879	5.92	cps
Thallium	203-1	608	508	483	533	12.40	cps
Thallium	205-1	1208	1383	875	1156	22.35	cps
Tin	118-1	442	433	350	408	12.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:42:06	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	700	150	403	68.94	cps
Uranium	238-1	292	884	200	458	80.94	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Ytterbium	172-1	50	17	67	44	57.28	cps
Ytterbium	172-2	22	28	11	20	41.67	cps
Ytterbium	176-1	1358	1383	1475	1406	4.37	cps
Ytterbium	176-2	8520	9420	10021	9320	8.11	cps
Yttrium	89-1	10342969	10586912	10408922	10446267	1.21	cps
Yttrium	89-2	1067293	1049854	1180804	1099317	6.47	cps
Zinc	66-2	290	223	323	279	18.26	cps
Zirconium	90-1	808	850	608	756	17.10	cps
Zirconium	91-1	242	158	150	183	27.65	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15789584	15007975	14768033	15188531	3.52	cps
Antimony	121-1	21693	28286	21576	23852	16.10	cps
Arsenic	75-2	6043	6148	5894	6028	2.12	cps
Barium	135-1	601986	623556	617808	614450	1.82	cps
Barium	137-1	1049918	1096960	1071888	1072922	2.19	cps
Beryllium	9-1	5953	5823	5872	5883	1.12	cps
Bismuth	209-1	7309528	7979400	7847337	7712088	4.60	cps
Bismuth	209-2	3378906	3469677	3410563	3419715	1.35	cps
Boron	10-1	15795	16188	16320	16101	1.69	cps
Boron	11-1	68998	73773	74304	72358	4.04	cps
Bromine	81-1	31939	33535	34117	33197	3.40	cps
Cadmium	111-1	12887	13955	13430	13424	3.98	cps
Cadmium	106-1	15042	15467	15367	15292	1.45	cps
Cadmium	108-1	3996	3730	3784	3837	3.67	cps
Calcium	43-1	10547225	10357503	10361511	10422079	1.04	cps
Calcium	44-1	169143012	170574933	168235286	169317744	0.70	cps
Carbon	12-1	7194184	7672788	7870053	7579008	4.59	cps
Carbon	12-2	96894	95879	95007	95927	0.98	cps
Chlorine	35-1	372572158	443403110	474234494	430069921	12.12	cps
Chlorine	35-2	3352139	3375589	3323367	3350365	0.78	cps
Chromium	52-2	484272	466550	448594	466472	3.82	cps
Cobalt	59-2	787734	777945	749736	771805	2.56	cps
Copper	63-2	5010767	4855795	4726625	4864396	2.92	cps
Dysprosium	156-1	168912	175873	171571	172119	2.04	cps
Dysprosium	156-2	67982	65949	64626	66186	2.55	cps
Erbium	164-1	203081	210771	208633	207495	1.91	cps
Erbium	164-2	74485	72738	70516	72580	2.74	cps
Gadolinium	160-1	186861	187638	192405	188968	1.59	cps
Gadolinium	160-2	80136	77132	75510	77592	3.03	cps
Holmium	165-1	11206268	11263262	11251180	11240237	0.27	cps
Holmium	165-2	4278671	4331297	4388152	4332707	1.26	cps
Indium	115-1	8405527	8776656	8938873	8707019	3.14	cps
Indium	115-2	1063854	1088176	1080793	1077608	1.16	cps
Iron	54-2	42715815	41138041	39199486	41017781	4.29	cps
Iron	56-2	776506706	751792083	725894950	751397913	3.37	cps
Iron	57-2	19386236	18889824	18251244	18842435	3.02	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	742	847	787	6.92	cps
Lead	206-1	693324	705312	714117	704251	1.48	cps
Lead	207-1	575048	587778	570294	577707	1.56	cps
Lead	208-1	2685142	2776182	2737557	2732961	1.67	cps
Lithium	6-1	2864693	3103254	3129400	3032449	4.81	cps
Magnesium	24-2	24764736	24110473	23107810	23994340	3.48	cps
Manganese	55-2	9486586	9492005	9019290	9332627	2.91	cps
Molybdenum	94-1	1091958	1110823	1046639	1083140	3.05	cps
Molybdenum	95-1	27996	27812	27311	27706	1.28	cps
Molybdenum	96-1	229024	232855	228006	229962	1.11	cps
Molybdenum	97-1	17211	18388	16802	17467	4.71	cps
Molybdenum	98-1	42767	43636	43937	43447	1.40	cps
Neodymium	150-1	210540	224542	213151	216078	3.45	cps
Neodymium	150-2	58809	57767	56998	57858	1.57	cps
Nickel	60-2	365589	356589	348764	356981	2.36	cps
Phosphorus	31-2	21450	20515	19305	20423	5.26	cps
Potassium	39-2	413437	406318	391206	403654	2.81	cps
Rhodium	103-1	7722878	8045185	7660200	7809421	2.65	cps
Rhodium	103-2	3029998	3144904	3089158	3088020	1.86	cps
Scandium	45-1	8126126	8306682	7990270	8141026	1.95	cps
Scandium	45-2	207252	211801	208656	209236	1.11	cps
Selenium	82-1	546	627	436	537	17.89	cps
Selenium	77-2	217	233	233	228	4.23	cps
Selenium	78-2	253	289	257	266	7.41	cps
Silicon	28-1	15372170	14405584	15647723	15141825	4.31	cps
Silver	107-1	34035	29490	22786	28771	19.67	cps
Silver	109-1	29985	25082	20775	25280	18.23	cps
Sodium	23-2	2601936	2508834	2438900	2516557	3.25	cps
Strontium	86-1	1192084	1232968	1153437	1192829	3.33	cps
Strontium	88-1	10271862	10680759	10167879	10373500	2.61	cps
Sulfur	34-1	377961	383245	382931	381379	0.78	cps
Terbium	159-1	11297107	11653555	11775750	11575471	2.15	cps
Terbium	159-2	4120015	4425368	4257919	4267767	3.58	cps
Thallium	203-1	2059	1959	1692	1903	9.96	cps
Thallium	205-1	4926	4334	3984	4415	10.79	cps
Tin	118-1	88681	96592	97833	94369	5.26	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-04	Instrumnet Name :	P8
Client Sample ID :	SS-04-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:45:08	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23765698	23476720	22909526	23383981	1.86	cps
Uranium	238-1	89206	91430	93286	91307	2.24	cps
Vanadium	51-2	3012930	2943401	2845383	2933905	2.87	cps
Ytterbium	172-1	79271	82726	80597	80865	2.16	cps
Ytterbium	172-2	34623	34574	31972	33723	4.50	cps
Ytterbium	176-1	60858	61001	61001	60953	0.14	cps
Ytterbium	176-2	35281	34802	33760	34614	2.25	cps
Yttrium	89-1	15324935	15520654	15165498	15337029	1.16	cps
Yttrium	89-2	1273334	1336613	1294205	1301384	2.48	cps
Zinc	66-2	505567	499758	487965	497763	1.80	cps
Zirconium	90-1	2977591	3045058	2874077	2965575	2.90	cps
Zirconium	91-1	653485	659791	642031	651769	1.38	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6268598	6279748	5997536	6181961	2.59	cps
Antimony	121-1	49256	49743	49508	49502	0.49	cps
Arsenic	75-2	16809	16722	16329	16620	1.54	cps
Barium	135-1	629483	644796	643190	639156	1.32	cps
Barium	137-1	1104413	1098245	1123570	1108742	1.19	cps
Beryllium	9-1	4813	4749	4691	4751	1.28	cps
Bismuth	209-1	8052047	7961712	7759582	7924447	1.89	cps
Bismuth	209-2	3533049	3472870	3366468	3457463	2.44	cps
Boron	10-1	10648	11180	11246	11025	2.98	cps
Boron	11-1	49913	51867	52415	51398	2.56	cps
Bromine	81-1	32983	32300	32993	32759	1.21	cps
Cadmium	111-1	11187	10897	10395	10826	3.70	cps
Cadmium	106-1	7502	7511	6944	7319	4.44	cps
Cadmium	108-1	1279	1250	1304	1278	2.12	cps
Calcium	43-1	18554344	17691586	17767229	18004387	2.65	cps
Calcium	44-1	298383013	287471737	287366380	291073710	2.17	cps
Carbon	12-1	7341374	7676994	8186256	7734875	5.50	cps
Carbon	12-2	97817	100225	99260	99101	1.22	cps
Chlorine	35-1	418037826	459944927	493154528	457045760	8.24	cps
Chlorine	35-2	3301731	3316178	3261886	3293265	0.85	cps
Chromium	52-2	842080	813712	781047	812280	3.76	cps
Cobalt	59-2	559773	542273	532367	544805	2.55	cps
Copper	63-2	1722256	1689048	1713227	1708177	1.01	cps
Dysprosium	156-1	140982	143299	142830	142370	0.86	cps
Dysprosium	156-2	54886	53260	51630	53258	3.06	cps
Erbium	164-1	159140	163557	157505	160068	1.96	cps
Erbium	164-2	57260	55476	54368	55701	2.62	cps
Gadolinium	160-1	144699	148778	149795	147757	1.83	cps
Gadolinium	160-2	61675	58826	58847	59783	2.74	cps
Holmium	165-1	11558166	11886930	11578533	11674543	1.58	cps
Holmium	165-2	4402542	4324721	4416008	4381090	1.12	cps
Indium	115-1	8528801	8872804	8959544	8787050	2.59	cps
Indium	115-2	1097210	1086583	1083137	1088977	0.67	cps
Iron	54-2	25567142	25202793	23375012	24714982	4.75	cps
Iron	56-2	468960788	452674410	436846299	452827166	3.55	cps
Iron	57-2	12000741	11602752	11036134	11546543	4.20	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	602	660	786	683	13.76	cps
Lead	206-1	2467770	2371189	2379130	2406030	2.23	cps
Lead	207-1	2048868	2031936	2040258	2040354	0.41	cps
Lead	208-1	9532107	9465386	9307376	9434956	1.22	cps
Lithium	6-1	3083347	3179574	3196425	3153115	1.93	cps
Magnesium	24-2	15168318	15283162	14419656	14957045	3.14	cps
Manganese	55-2	5579269	5361814	5163335	5368139	3.88	cps
Molybdenum	94-1	272530	268452	272458	271147	0.86	cps
Molybdenum	95-1	97368	99499	98104	98323	1.10	cps
Molybdenum	96-1	157019	153612	152727	154453	1.47	cps
Molybdenum	97-1	62039	63755	61044	62280	2.20	cps
Molybdenum	98-1	157573	159174	156015	157587	1.00	cps
Neodymium	150-1	191791	191847	188594	190744	0.98	cps
Neodymium	150-2	49890	49300	47584	48925	2.45	cps
Nickel	60-2	1983680	1959694	1959779	1967718	0.70	cps
Phosphorus	31-2	13315	12789	12864	12990	2.19	cps
Potassium	39-2	291600	289515	284440	288518	1.28	cps
Rhodium	103-1	7867318	7799711	7761953	7809661	0.68	cps
Rhodium	103-2	3138901	3147267	3182885	3156351	0.74	cps
Scandium	45-1	6705743	6522927	6342033	6523567	2.79	cps
Scandium	45-2	168519	166369	162487	165792	1.84	cps
Selenium	82-1	726	649	619	665	8.35	cps
Selenium	77-2	237	237	163	212	19.95	cps
Selenium	78-2	209	213	224	215	3.61	cps
Silicon	28-1	21690595	20657723	19912487	20753602	4.30	cps
Silver	107-1	9487	10362	10621	10157	5.85	cps
Silver	109-1	9162	9170	8795	9042	2.37	cps
Sodium	23-2	1429145	1408698	1380132	1405992	1.75	cps
Strontium	86-1	6566899	6378625	6424291	6456605	1.52	cps
Strontium	88-1	55246994	54561910	54818735	54875879	0.63	cps
Sulfur	34-1	506069	496469	505432	502657	1.07	cps
Terbium	159-1	11750201	11747155	12136568	11877975	1.89	cps
Terbium	159-2	4212644	4230984	4308905	4250845	1.20	cps
Thallium	203-1	3759	3926	3692	3792	3.17	cps
Thallium	205-1	8561	8686	9203	8817	3.86	cps
Tin	118-1	137869	140787	141125	139927	1.28	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:48:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8111578	7838547	7783306	7911143	2.22	cps
Uranium	238-1	119326	124629	120564	121506	2.28	cps
Vanadium	51-2	11850181	11592197	11214118	11552165	2.77	cps
Ytterbium	172-1	55384	55660	55902	55648	0.47	cps
Ytterbium	172-2	23939	22096	22954	22996	4.01	cps
Ytterbium	176-1	37211	37972	37437	37540	1.04	cps
Ytterbium	176-2	25119	24501	24373	24664	1.62	cps
Yttrium	89-1	14911210	14500956	15175218	14862461	2.29	cps
Yttrium	89-2	1270213	1251451	1248184	1256616	0.95	cps
Zinc	66-2	658937	655332	637300	650523	1.78	cps
Zirconium	90-1	579654	591797	594541	588664	1.35	cps
Zirconium	91-1	130359	130585	129104	130016	0.61	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200890	1185429	1191911	1192743	0.65	cps
Antimony	121-1	9237	9020	9362	9206	1.88	cps
Arsenic	75-2	3171	3167	3083	3140	1.58	cps
Barium	135-1	110048	111300	113113	111487	1.38	cps
Barium	137-1	191168	195471	194196	193611	1.14	cps
Beryllium	9-1	887	902	916	902	1.59	cps
Bismuth	209-1	6857930	6769432	6775139	6800834	0.73	cps
Bismuth	209-2	3148638	3152324	2931004	3077322	4.12	cps
Boron	10-1	3796	3646	3612	3684	2.66	cps
Boron	11-1	15783	16694	16708	16395	3.23	cps
Bromine	81-1	30023	31538	29292	30284	3.78	cps
Cadmium	111-1	4262	4510	4134	4302	4.44	cps
Cadmium	106-1	4518	4693	4226	4479	5.27	cps
Cadmium	108-1	221	221	267	236	11.21	cps
Calcium	43-1	3168965	3233910	3300768	3234547	2.04	cps
Calcium	44-1	51246691	53324550	53439934	52670391	2.34	cps
Carbon	12-1	4213426	4361202	4323947	4299525	1.79	cps
Carbon	12-2	54878	56099	54644	55207	1.42	cps
Chlorine	35-1	136416961	138396003	136928053	137247006	0.75	cps
Chlorine	35-2	872628	846637	824372	847879	2.85	cps
Chromium	52-2	155389	155717	151720	154275	1.44	cps
Cobalt	59-2	107338	102590	104028	104652	2.33	cps
Copper	63-2	326360	321885	321400	323215	0.85	cps
Dysprosium	156-1	23805	25776	25374	24985	4.17	cps
Dysprosium	156-2	10107	9690	9794	9864	2.20	cps
Erbium	164-1	28281	27663	27254	27733	1.86	cps
Erbium	164-2	10224	10167	10131	10174	0.46	cps
Gadolinium	160-1	25475	25408	25750	25544	0.71	cps
Gadolinium	160-2	11498	10835	10768	11034	3.66	cps
Holmium	165-1	10636013	10259479	10288746	10394746	2.02	cps
Holmium	165-2	4192021	4149832	3801642	4047831	5.29	cps
Indium	115-1	7938036	7832713	7832338	7867696	0.77	cps
Indium	115-2	1024519	1016587	963438	1001515	3.32	cps
Iron	54-2	4891896	4826617	4592201	4770238	3.30	cps
Iron	56-2	87794183	86407613	85423694	86541830	1.38	cps
Iron	57-2	2247422	2254119	2237121	2246221	0.38	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	351	359	355	1.07	cps
Lead	206-1	409997	414660	409722	411460	0.67	cps
Lead	207-1	348890	346644	342461	345999	0.94	cps
Lead	208-1	1599820	1613667	1605743	1606410	0.43	cps
Lithium	6-1	2632277	2629439	2565691	2609136	1.44	cps
Magnesium	24-2	2950165	2817133	2864853	2877384	2.34	cps
Manganese	55-2	1007356	982420	965590	985122	2.13	cps
Molybdenum	94-1	49282	46897	49615	48598	3.05	cps
Molybdenum	95-1	17820	18413	17745	17993	2.03	cps
Molybdenum	96-1	26893	28530	28087	27837	3.04	cps
Molybdenum	97-1	11180	10996	10805	10994	1.71	cps
Molybdenum	98-1	28455	28647	26701	27934	3.84	cps
Neodymium	150-1	33997	33850	32600	33482	2.29	cps
Neodymium	150-2	9330	9600	9120	9350	2.58	cps
Nickel	60-2	372243	358076	364075	364798	1.95	cps
Phosphorus	31-2	2700	2400	2117	2406	12.13	cps
Potassium	39-2	67701	65156	64880	65912	2.36	cps
Rhodium	103-1	7481153	7538217	7101235	7373535	3.22	cps
Rhodium	103-2	3068487	3084782	2913412	3022227	3.13	cps
Scandium	45-1	5420458	5393764	5392010	5402077	0.30	cps
Scandium	45-2	142169	144452	136815	141145	2.78	cps
Selenium	82-1	122	96	104	107	12.58	cps
Selenium	77-2	37	23	70	43	55.47	cps
Selenium	78-2	82	73	70	75	8.33	cps
Silicon	28-1	4114405	3906955	4105208	4042189	2.90	cps
Silver	107-1	1925	2300	2159	2128	8.90	cps
Silver	109-1	2225	1959	1859	2014	9.41	cps
Sodium	23-2	277398	269905	266080	271128	2.12	cps
Strontium	86-1	1117251	1142474	1134369	1131365	1.14	cps
Strontium	88-1	9702840	9913978	9936346	9851055	1.31	cps
Sulfur	34-1	317169	317016	312796	315660	0.79	cps
Terbium	159-1	10916797	10606659	10362179	10628545	2.62	cps
Terbium	159-2	4085999	4132862	3832800	4017220	4.02	cps
Thallium	203-1	800	683	692	725	8.98	cps
Thallium	205-1	1817	1909	2000	1909	4.80	cps
Tin	118-1	24831	25274	25182	25096	0.93	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:50:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1411994	1509751	1436769	1452838	3.50	cps
Uranium	238-1	20943	20801	20909	20884	0.36	cps
Vanadium	51-2	2228802	2190921	2136497	2185407	2.12	cps
Ytterbium	172-1	9821	9545	9679	9682	1.42	cps
Ytterbium	172-2	4167	4001	3828	3999	4.24	cps
Ytterbium	176-1	7661	8028	7677	7789	2.66	cps
Ytterbium	176-2	11872	11705	11511	11696	1.55	cps
Yttrium	89-1	11815914	11742035	11602235	11720061	0.93	cps
Yttrium	89-2	1059910	1063139	989288	1037446	4.02	cps
Zinc	66-2	139198	140062	137536	138932	0.92	cps
Zirconium	90-1	102983	105466	107137	105196	1.99	cps
Zirconium	91-1	23671	24272	24683	24209	2.10	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16107893	14993181	15148865	15416646	3.92	cps
Antimony	121-1	27913	27854	28589	28119	1.45	cps
Arsenic	75-2	6884	6580	6604	6690	2.53	cps
Barium	135-1	1196157	1206996	1165838	1189664	1.79	cps
Barium	137-1	2144165	2096032	2045809	2095335	2.35	cps
Beryllium	9-1	5648	5394	5254	5432	3.68	cps
Bismuth	209-1	7223884	7109782	8327958	7553875	8.91	cps
Bismuth	209-2	3150018	3102947	3114478	3122481	0.79	cps
Boron	10-1	11258	11686	12067	11670	3.47	cps
Boron	11-1	52610	54693	54299	53867	2.05	cps
Bromine	81-1	33635	33083	32853	33190	1.21	cps
Cadmium	111-1	14210	14043	14490	14248	1.59	cps
Cadmium	106-1	14933	14183	15009	14708	3.10	cps
Cadmium	108-1	3921	3851	3596	3789	4.51	cps
Calcium	43-1	9484255	9286698	9191739	9320897	1.60	cps
Calcium	44-1	150804210	154871231	147231006	150968816	2.53	cps
Carbon	12-1	6681545	7031384	7088991	6933974	3.18	cps
Carbon	12-2	90462	89481	88844	89596	0.91	cps
Chlorine	35-1	402015859	456108977	476646044	444923627	8.66	cps
Chlorine	35-2	3214421	3204853	3275687	3231654	1.19	cps
Chromium	52-2	551408	534850	522048	536102	2.75	cps
Cobalt	59-2	798746	769952	764178	777625	2.38	cps
Copper	63-2	7752372	7538774	7485309	7592152	1.86	cps
Dysprosium	156-1	162112	165185	159067	162122	1.89	cps
Dysprosium	156-2	61907	60045	60091	60681	1.75	cps
Erbium	164-1	196594	193930	186717	192414	2.66	cps
Erbium	164-2	68080	65963	65293	66446	2.19	cps
Gadolinium	160-1	178242	175827	174424	176164	1.10	cps
Gadolinium	160-2	73046	73137	70609	72264	1.98	cps
Holmium	165-1	11039679	10941516	12826574	11602590	9.15	cps
Holmium	165-2	4287205	4106331	4154930	4182822	2.24	cps
Indium	115-1	8514078	8647354	9589443	8916958	6.57	cps
Indium	115-2	1034877	992794	995921	1007864	2.33	cps
Iron	54-2	43875487	43139137	40924770	42646465	3.60	cps
Iron	56-2	814433818	803115151	767897351	795148773	3.05	cps
Iron	57-2	20481160	19748431	19577151	19935581	2.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	795	762	792	783	2.31	cps
Lead	206-1	1058821	1053540	1026270	1046210	1.67	cps
Lead	207-1	863879	857949	868739	863522	0.63	cps
Lead	208-1	4276765	4139625	4146868	4187753	1.84	cps
Lithium	6-1	2972074	3014517	3245869	3077487	4.79	cps
Magnesium	24-2	26959475	26170196	25460808	26196826	2.86	cps
Manganese	55-2	9296527	9186378	8815960	9099622	2.77	cps
Molybdenum	94-1	1057653	1063045	1006961	1042553	2.97	cps
Molybdenum	95-1	39566	39683	37794	39014	2.71	cps
Molybdenum	96-1	242219	238754	231766	237580	2.24	cps
Molybdenum	97-1	24814	24138	22711	23888	4.50	cps
Molybdenum	98-1	61253	60483	59244	60327	1.68	cps
Neodymium	150-1	210848	212369	206074	209763	1.57	cps
Neodymium	150-2	56274	54397	53814	54829	2.34	cps
Nickel	60-2	355638	351818	347227	351561	1.20	cps
Phosphorus	31-2	21082	21049	20415	20849	1.80	cps
Potassium	39-2	350925	344217	344640	346594	1.08	cps
Rhodium	103-1	7694107	7608151	8805620	8035959	8.31	cps
Rhodium	103-2	2961580	2983318	2972501	2972466	0.37	cps
Scandium	45-1	7906735	7674615	8446973	8009441	4.95	cps
Scandium	45-2	198241	190144	188631	192339	2.69	cps
Selenium	82-1	289	409	317	338	18.52	cps
Selenium	77-2	237	190	243	223	13.01	cps
Selenium	78-2	245	239	222	235	5.07	cps
Silicon	28-1	14954065	14860756	14201050	14671957	2.80	cps
Silver	107-1	19348	19539	18188	19025	3.84	cps
Silver	109-1	16202	16711	16077	16330	2.06	cps
Sodium	23-2	1531821	1512504	1450910	1498412	2.82	cps
Strontium	86-1	1519642	1486961	1491148	1499250	1.19	cps
Strontium	88-1	12782079	12470854	12427137	12560024	1.54	cps
Sulfur	34-1	340463	342875	340643	341327	0.39	cps
Terbium	159-1	11046698	11262075	12943589	11750787	8.84	cps
Terbium	159-2	4206421	4010487	3992986	4069965	2.91	cps
Thallium	203-1	1250	1175	1275	1233	4.22	cps
Thallium	205-1	2934	2625	3025	2862	7.32	cps
Tin	118-1	109347	115000	109430	111259	2.91	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:53:44	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	24562985	23811989	23629561	24001512	2.06	cps
Uranium	238-1	75208	74277	74989	74824	0.65	cps
Vanadium	51-2	2704321	2612965	2575708	2630998	2.52	cps
Ytterbium	172-1	72801	73069	70279	72050	2.14	cps
Ytterbium	172-2	29828	30474	29400	29901	1.81	cps
Ytterbium	176-1	55401	55527	56313	55747	0.89	cps
Ytterbium	176-2	30808	31427	31622	31286	1.36	cps
Yttrium	89-1	14731741	14642416	16453578	15275912	6.68	cps
Yttrium	89-2	1281001	1191681	1200558	1224413	4.02	cps
Zinc	66-2	491641	480323	488427	486797	1.20	cps
Zirconium	90-1	2910313	2867504	2765131	2847649	2.62	cps
Zirconium	91-1	621556	635953	616933	624814	1.59	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3242946	3173805	3050708	3155820	3.09	cps
Antimony	121-1	5368	5435	5735	5512	3.54	cps
Arsenic	75-2	1366	1366	1336	1356	1.28	cps
Barium	135-1	206464	220541	213067	213358	3.30	cps
Barium	137-1	369709	380357	379549	376538	1.57	cps
Beryllium	9-1	1135	1192	1157	1162	2.49	cps
Bismuth	209-1	6435903	6300146	6548070	6428040	1.93	cps
Bismuth	209-2	3017084	3084241	3035613	3045646	1.14	cps
Boron	10-1	3480	3754	3630	3621	3.79	cps
Boron	11-1	16094	16410	16614	16373	1.60	cps
Bromine	81-1	30164	29542	30946	30217	2.33	cps
Cadmium	111-1	5016	4536	4841	4798	5.06	cps
Cadmium	106-1	5918	5243	5826	5662	6.47	cps
Cadmium	108-1	704	721	750	725	3.20	cps
Calcium	43-1	1718347	1736860	1724463	1726557	0.55	cps
Calcium	44-1	28736172	28249221	28556410	28513935	0.86	cps
Carbon	12-1	4033049	4155608	4205699	4131452	2.15	cps
Carbon	12-2	53406	53055	54686	53715	1.60	cps
Chlorine	35-1	128978386	133658732	133385107	132007409	1.99	cps
Chlorine	35-2	840178	829548	808645	826124	1.94	cps
Chromium	52-2	105688	104612	103102	104468	1.24	cps
Cobalt	59-2	158063	152677	152350	154363	2.08	cps
Copper	63-2	1632562	1610719	1572937	1605406	1.88	cps
Dysprosium	156-1	29784	29801	29675	29753	0.23	cps
Dysprosium	156-2	12176	11705	11458	11780	3.09	cps
Erbium	164-1	35766	35315	35281	35454	0.76	cps
Erbium	164-2	13147	12693	12623	12821	2.22	cps
Gadolinium	160-1	32657	32407	32382	32482	0.47	cps
Gadolinium	160-2	14565	14525	14017	14369	2.12	cps
Holmium	165-1	10084263	9859467	10162040	10035257	1.57	cps
Holmium	165-2	4021380	4101565	4113646	4078864	1.23	cps
Indium	115-1	7779541	7646240	7732740	7719507	0.88	cps
Indium	115-2	988899	997723	1000732	995785	0.62	cps
Iron	54-2	8529835	8444627	8168911	8381124	2.25	cps
Iron	56-2	159267609	158226915	153203276	156899266	2.07	cps
Iron	57-2	4173791	3922878	3845049	3980573	4.32	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	345	351	396	364	7.68	cps
Lead	206-1	186769	194625	190161	190519	2.07	cps
Lead	207-1	156594	163207	160506	160102	2.08	cps
Lead	208-1	730153	758225	761491	749956	2.30	cps
Lithium	6-1	2528642	2497873	2484362	2503626	0.91	cps
Magnesium	24-2	5263638	5165549	4980367	5136518	2.80	cps
Manganese	55-2	1831933	1851878	1768908	1817573	2.38	cps
Molybdenum	94-1	188083	191623	190022	189909	0.93	cps
Molybdenum	95-1	6852	7119	6852	6941	2.22	cps
Molybdenum	96-1	43352	42575	42633	42853	1.01	cps
Molybdenum	97-1	4167	4559	4676	4468	5.96	cps
Molybdenum	98-1	11655	11647	11397	11566	1.27	cps
Neodymium	150-1	38168	37399	39204	38257	2.37	cps
Neodymium	150-2	10407	10281	10484	10391	0.99	cps
Nickel	60-2	72732	71221	70832	71595	1.40	cps
Phosphorus	31-2	4026	4384	3792	4067	7.33	cps
Potassium	39-2	81003	77877	78137	79006	2.20	cps
Rhodium	103-1	7299366	7351552	7252880	7301266	0.68	cps
Rhodium	103-2	2969298	3032659	3061433	3021130	1.56	cps
Scandium	45-1	5573998	5469930	5340909	5461612	2.14	cps
Scandium	45-2	147136	147353	145728	146739	0.60	cps
Selenium	82-1	132	106	46	95	46.54	cps
Selenium	77-2	60	87	47	64	31.60	cps
Selenium	78-2	63	83	76	74	13.71	cps
Silicon	28-1	3047180	3213737	3069169	3110029	2.91	cps
Silver	107-1	4017	4076	3826	3973	3.29	cps
Silver	109-1	3384	3609	3401	3464	3.62	cps
Sodium	23-2	302640	298566	289020	296742	2.36	cps
Strontium	86-1	275044	267362	275000	272469	1.62	cps
Strontium	88-1	2372067	2369865	2315202	2352378	1.37	cps
Sulfur	34-1	288009	287497	287366	287624	0.12	cps
Terbium	159-1	10095795	10190011	9853980	10046595	1.73	cps
Terbium	159-2	3955175	4049630	3991453	3998753	1.19	cps
Thallium	203-1	325	267	367	319	15.72	cps
Thallium	205-1	667	867	708	747	14.12	cps
Tin	118-1	19030	19431	19907	19456	2.25	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-06-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 14:56:33	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4407853	4511365	4450418	4456545	1.17	cps
Uranium	238-1	13691	13316	14000	13669	2.51	cps
Vanadium	51-2	502161	494508	487899	494856	1.44	cps
Ytterbium	172-1	13282	13866	13140	13429	2.86	cps
Ytterbium	172-2	5974	5273	5901	5716	6.74	cps
Ytterbium	176-1	11372	11072	11664	11369	2.60	cps
Ytterbium	176-2	12589	13274	13090	12984	2.73	cps
Yttrium	89-1	11773350	11633796	11489622	11632256	1.22	cps
Yttrium	89-2	1015537	1025189	1034789	1025172	0.94	cps
Zinc	66-2	108217	106873	106111	107067	1.00	cps
Zirconium	90-1	515646	518039	513304	515663	0.46	cps
Zirconium	91-1	113773	111848	113127	112916	0.87	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12597555	12280941	11565487	12147995	4.35	cps
Antimony	121-1	57949	56351	57237	57179	1.40	cps
Arsenic	75-2	10278	10077	9787	10047	2.45	cps
Barium	135-1	9807289	10027238	9685273	9839933	1.76	cps
Barium	137-1	17357205	16990663	16702632	17016833	1.93	cps
Beryllium	9-1	10424	10356	10184	10321	1.20	cps
Bismuth	209-1	7350591	7169491	7168142	7229408	1.45	cps
Bismuth	209-2	3169295	3195236	3125339	3163290	1.12	cps
Boron	10-1	43484	45903	47369	45585	4.30	cps
Boron	11-1	200270	211124	215762	209052	3.80	cps
Bromine	81-1	31819	30334	31759	31304	2.68	cps
Cadmium	111-1	17057	16307	16848	16737	2.31	cps
Cadmium	106-1	21985	20933	20992	21303	2.77	cps
Cadmium	108-1	6643	6597	6539	6593	0.79	cps
Calcium	43-1	11795322	11636340	11856356	11762673	0.97	cps
Calcium	44-1	191462498	190715096	189367029	190514874	0.56	cps
Carbon	12-1	6378519	7003053	6864184	6748585	4.86	cps
Carbon	12-2	89866	86521	88927	88438	1.95	cps
Chlorine	35-1	384505659	442243327	472703861	433150949	10.34	cps
Chlorine	35-2	3196037	3179535	3176941	3184171	0.33	cps
Chromium	52-2	1144256	1100772	1059482	1101503	3.85	cps
Cobalt	59-2	555020	542609	523318	540315	2.96	cps
Copper	63-2	5134968	5041487	4931848	5036101	2.02	cps
Dysprosium	156-1	176983	180898	175796	177892	1.50	cps
Dysprosium	156-2	65818	64623	63678	64706	1.66	cps
Erbium	164-1	201380	200976	196964	199773	1.22	cps
Erbium	164-2	69772	68388	67125	68429	1.93	cps
Gadolinium	160-1	186202	184275	179069	183182	2.01	cps
Gadolinium	160-2	75255	73565	71306	73375	2.70	cps
Holmium	165-1	11161917	10983842	10861423	11002394	1.37	cps
Holmium	165-2	4262213	4196121	4176394	4211576	1.07	cps
Indium	115-1	8335291	8532348	8288616	8385418	1.54	cps
Indium	115-2	1005418	1026136	1012484	1014679	1.04	cps
Iron	54-2	35839294	36163130	34728991	35577138	2.11	cps
Iron	56-2	657440192	657053304	624736103	646409866	2.90	cps
Iron	57-2	16606965	16349258	15405815	16120679	3.92	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	765	771	692	743	5.89	cps
Lead	206-1	8830282	8854228	8739231	8807914	0.69	cps
Lead	207-1	7496431	7517179	7591351	7534987	0.66	cps
Lead	208-1	34913265	34693808	34335189	34647420	0.84	cps
Lithium	6-1	2866467	2829229	2898320	2864672	1.21	cps
Magnesium	24-2	18963914	18445746	17966034	18458565	2.70	cps
Manganese	55-2	8374274	8146836	7804097	8108402	3.54	cps
Molybdenum	94-1	2041936	2065289	1996502	2034576	1.72	cps
Molybdenum	95-1	227227	224754	226938	226307	0.60	cps
Molybdenum	96-1	588024	589482	585775	587760	0.32	cps
Molybdenum	97-1	144667	142858	140148	142557	1.60	cps
Molybdenum	98-1	368421	367205	359997	365207	1.25	cps
Neodymium	150-1	246958	241251	235951	241387	2.28	cps
Neodymium	150-2	63714	62057	61384	62385	1.92	cps
Nickel	60-2	553648	539604	524469	539240	2.71	cps
Phosphorus	31-2	21174	21825	20882	21294	2.27	cps
Potassium	39-2	601662	560379	550265	570769	4.77	cps
Rhodium	103-1	7667851	7662973	7299110	7543311	2.80	cps
Rhodium	103-2	2979818	2925926	2968021	2957922	0.96	cps
Scandium	45-1	6981427	7080456	6931126	6997669	1.09	cps
Scandium	45-2	184637	180066	174955	179886	2.69	cps
Selenium	82-1	460	484	489	477	3.22	cps
Selenium	77-2	250	293	257	267	8.75	cps
Selenium	78-2	241	241	224	235	4.17	cps
Silicon	28-1	15420541	15277532	14406293	15034789	3.65	cps
Silver	107-1	27370	27378	27378	27375	0.02	cps
Silver	109-1	22686	23396	22502	22861	2.06	cps
Sodium	23-2	4036827	4007703	3899290	3981273	1.82	cps
Strontium	86-1	7478309	7139313	7343404	7320342	2.33	cps
Strontium	88-1	60986483	62465318	64580018	62677273	2.88	cps
Sulfur	34-1	359518	362999	354864	359127	1.14	cps
Terbium	159-1	11380353	11302075	10992318	11224916	1.83	cps
Terbium	159-2	4314398	4218520	4004684	4179201	3.79	cps
Thallium	203-1	1884	1492	1734	1703	11.61	cps
Thallium	205-1	4317	4434	4167	4306	3.10	cps
Tin	118-1	173664	177134	171349	174049	1.67	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 14:59:26	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18749710	18822054	18959938	18843901	0.57	cps
Uranium	238-1	225856	232955	226634	228482	1.70	cps
Vanadium	51-2	2394880	2348839	2326909	2356876	1.47	cps
Ytterbium	172-1	74737	73949	73982	74223	0.60	cps
Ytterbium	172-2	30853	30897	29834	30528	1.97	cps
Ytterbium	176-1	62299	63537	62440	62759	1.08	cps
Ytterbium	176-2	33782	33632	33582	33665	0.31	cps
Yttrium	89-1	15252683	14349923	14836475	14813027	3.05	cps
Yttrium	89-2	1239745	1232458	1210217	1227473	1.25	cps
Zinc	66-2	2481010	2457638	2432852	2457166	0.98	cps
Zirconium	90-1	5128591	4999516	5134103	5087403	1.50	cps
Zirconium	91-1	1153598	1145172	1140477	1146415	0.58	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509632	2458943	2301402	2423326	4.48	cps
Antimony	121-1	10763	10029	10946	10579	4.59	cps
Arsenic	75-2	1931	1964	1920	1939	1.18	cps
Barium	135-1	1763902	1754849	1780874	1766542	0.75	cps
Barium	137-1	3033658	3080961	3088623	3067747	0.97	cps
Beryllium	9-1	1937	2041	1996	1992	2.61	cps
Bismuth	209-1	6558174	6581354	6374377	6504635	1.74	cps
Bismuth	209-2	3025343	2754824	2888461	2889543	4.68	cps
Boron	10-1	11512	11820	12067	11800	2.35	cps
Boron	11-1	51157	55044	55028	53743	4.17	cps
Bromine	81-1	31719	29512	30164	30465	3.72	cps
Cadmium	111-1	5721	5366	5058	5382	6.17	cps
Cadmium	106-1	7627	6935	6718	7094	6.69	cps
Cadmium	108-1	1288	1121	1113	1174	8.41	cps
Calcium	43-1	2198929	2139319	2153077	2163775	1.44	cps
Calcium	44-1	35260190	34753917	33724746	34579618	2.26	cps
Carbon	12-1	3686390	3897987	3934542	3839640	3.49	cps
Carbon	12-2	49400	49124	49894	49473	0.79	cps
Chlorine	35-1	132120570	134626657	134853586	133866938	1.13	cps
Chlorine	35-2	835628	810389	805232	817083	1.99	cps
Chromium	52-2	212911	209411	209333	210552	0.97	cps
Cobalt	59-2	108450	105649	106015	106705	1.43	cps
Copper	63-2	974318	979406	940845	964856	2.17	cps
Dysprosium	156-1	31889	32106	32147	32047	0.43	cps
Dysprosium	156-2	12436	12536	11939	12304	2.60	cps
Erbium	164-1	35908	35765	35147	35607	1.14	cps
Erbium	164-2	12726	12676	12886	12763	0.86	cps
Gadolinium	160-1	32549	31697	32825	32357	1.82	cps
Gadolinium	160-2	13751	13730	13620	13700	0.51	cps
Holmium	165-1	10066500	9915069	9681935	9887835	1.96	cps
Holmium	165-2	4117026	3774950	3877578	3923185	4.47	cps
Indium	115-1	8010039	7516100	7531532	7685891	3.65	cps
Indium	115-2	973388	901654	934695	936579	3.83	cps
Iron	54-2	6958303	6812826	6581612	6784247	2.80	cps
Iron	56-2	128267672	124701039	122285008	125084573	2.41	cps
Iron	57-2	3223651	3175406	3088605	3162554	2.16	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	377	372	384	378	1.49	cps
Lead	206-1	1537935	1552823	1497279	1529346	1.88	cps
Lead	207-1	1317749	1320933	1293879	1310854	1.13	cps
Lead	208-1	6158784	6236815	6192671	6196090	0.63	cps
Lithium	6-1	2427980	2442294	2425079	2431784	0.38	cps
Magnesium	24-2	3665038	3683752	3525015	3624602	2.39	cps
Manganese	55-2	1629194	1575515	1538835	1581181	2.87	cps
Molybdenum	94-1	357062	354471	354264	355266	0.44	cps
Molybdenum	95-1	40418	40895	39900	40404	1.23	cps
Molybdenum	96-1	103099	103292	101891	102761	0.74	cps
Molybdenum	97-1	25441	25191	24781	25138	1.32	cps
Molybdenum	98-1	63488	65690	64316	64498	1.72	cps
Neodymium	150-1	43183	42935	43303	43141	0.43	cps
Neodymium	150-2	12012	12116	11922	12017	0.81	cps
Nickel	60-2	108985	106277	104608	106623	2.07	cps
Phosphorus	31-2	3901	4092	4301	4098	4.88	cps
Potassium	39-2	117485	119149	117906	118180	0.73	cps
Rhodium	103-1	7361069	7204614	6895503	7153729	3.31	cps
Rhodium	103-2	2933908	2800134	2891621	2875221	2.38	cps
Scandium	45-1	5333948	5343014	5180015	5285659	1.73	cps
Scandium	45-2	139957	132128	137092	136392	2.90	cps
Selenium	82-1	109	77	115	100	20.01	cps
Selenium	77-2	37	47	73	52	36.29	cps
Selenium	78-2	77	64	63	68	11.48	cps
Silicon	28-1	3250505	3031852	3117661	3133339	3.52	cps
Silver	107-1	5718	4909	5443	5357	7.68	cps
Silver	109-1	4493	4309	4476	4426	2.29	cps
Sodium	23-2	774281	768543	746740	763188	1.90	cps
Strontium	86-1	1305231	1320836	1280107	1302058	1.58	cps
Strontium	88-1	11480658	11490896	11250160	11407238	1.19	cps
Sulfur	34-1	289902	288431	290576	289637	0.38	cps
Terbium	159-1	10316485	10105097	9979185	10133589	1.68	cps
Terbium	159-2	3879298	3584054	3826760	3763371	4.19	cps
Thallium	203-1	358	308	433	367	17.16	cps
Thallium	205-1	1000	958	892	950	5.75	cps
Tin	118-1	32558	31211	31988	31919	2.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-07-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:02:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3436373	3386837	3426199	3416469	0.77	cps
Uranium	238-1	41059	40608	39613	40426	1.83	cps
Vanadium	51-2	445205	436688	428550	436814	1.91	cps
Ytterbium	172-1	13699	13165	13674	13513	2.23	cps
Ytterbium	172-2	5840	5863	5585	5762	2.68	cps
Ytterbium	176-1	11655	12389	12239	12095	3.21	cps
Ytterbium	176-2	12845	12979	12862	12895	0.56	cps
Yttrium	89-1	11554571	11531496	11261140	11449069	1.43	cps
Yttrium	89-2	1021116	953102	980469	984896	3.47	cps
Zinc	66-2	507872	494823	493744	498813	1.58	cps
Zirconium	90-1	924693	933480	923515	927230	0.59	cps
Zirconium	91-1	205045	206139	204464	205216	0.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12862942	12433452	11877757	12391384	3.99	cps
Antimony	121-1	32205	30927	30469	31201	2.88	cps
Arsenic	75-2	6080	5759	5584	5807	4.33	cps
Barium	135-1	769839	761009	756606	762485	0.88	cps
Barium	137-1	1335809	1335688	1303060	1324852	1.42	cps
Beryllium	9-1	3944	3794	4009	3915	2.82	cps
Bismuth	209-1	6567204	7479566	7275638	7107469	6.74	cps
Bismuth	209-2	3093604	3077500	2963548	3044884	2.33	cps
Boron	10-1	14006	14606	14252	14288	2.11	cps
Boron	11-1	64305	65513	65577	65131	1.10	cps
Bromine	81-1	31669	33455	33746	32957	3.41	cps
Cadmium	111-1	27454	29065	27321	27947	3.47	cps
Cadmium	106-1	13640	13941	13724	13768	1.13	cps
Cadmium	108-1	4467	4130	4372	4323	4.02	cps
Calcium	43-1	8059132	8142987	7682271	7961463	3.08	cps
Calcium	44-1	130202400	132123515	127627467	129984460	1.74	cps
Carbon	12-1	7818010	8425217	8434987	8226071	4.30	cps
Carbon	12-2	105528	106822	104078	105476	1.30	cps
Chlorine	35-1	417557526	462957244	486491444	455668738	7.69	cps
Chlorine	35-2	3156421	3132285	3127555	3138754	0.49	cps
Chromium	52-2	717358	698212	668977	694849	3.51	cps
Cobalt	59-2	622113	597521	581867	600500	3.38	cps
Copper	63-2	3638201	3511551	3513132	3554295	2.04	cps
Dysprosium	156-1	124217	121856	119745	121939	1.83	cps
Dysprosium	156-2	44902	43672	41859	43478	3.52	cps
Erbium	164-1	146317	145830	146690	146279	0.29	cps
Erbium	164-2	50717	49221	47391	49110	3.39	cps
Gadolinium	160-1	134433	132476	128907	131939	2.12	cps
Gadolinium	160-2	53396	51292	49883	51524	3.43	cps
Holmium	165-1	10138418	11593419	11683659	11138499	7.79	cps
Holmium	165-2	4027679	4034366	3945074	4002373	1.24	cps
Indium	115-1	7539591	8856829	8781868	8392763	8.81	cps
Indium	115-2	997144	995811	981327	991428	0.88	cps
Iron	54-2	47043411	45272265	43320262	45211979	4.12	cps
Iron	56-2	871074575	820629663	793023840	828242693	4.78	cps
Iron	57-2	21481333	20852149	20057748	20797077	3.43	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	649	649	670	656	1.87	cps
Lead	206-1	804703	814218	789653	802858	1.54	cps
Lead	207-1	679284	690640	677534	682486	1.04	cps
Lead	208-1	3243227	3262146	3233278	3246217	0.45	cps
Lithium	6-1	2633832	2827894	2938196	2799974	5.50	cps
Magnesium	24-2	20562740	20132581	19330149	20008490	3.13	cps
Manganese	55-2	8876106	8436206	8017681	8443331	5.08	cps
Molybdenum	94-1	896584	891488	884090	890721	0.71	cps
Molybdenum	95-1	131057	126869	126406	128111	2.00	cps
Molybdenum	96-1	304500	298960	297102	300187	1.28	cps
Molybdenum	97-1	80251	80819	78791	79954	1.31	cps
Molybdenum	98-1	206586	204127	196693	202469	2.54	cps
Neodymium	150-1	152066	149086	143925	148359	2.78	cps
Neodymium	150-2	37145	36179	35233	36186	2.64	cps
Nickel	60-2	438174	421965	414147	424762	2.89	cps
Phosphorus	31-2	17236	16076	16393	16568	3.62	cps
Potassium	39-2	247956	243035	240564	243852	1.54	cps
Rhodium	103-1	6826698	7924605	7818966	7523423	8.05	cps
Rhodium	103-2	2970034	2905798	2924229	2933353	1.13	cps
Scandium	45-1	6636776	7319495	7148369	7034880	5.05	cps
Scandium	45-2	178171	175338	172803	175437	1.53	cps
Selenium	82-1	367	431	400	400	7.98	cps
Selenium	77-2	187	173	213	191	10.66	cps
Selenium	78-2	176	146	169	164	9.59	cps
Silicon	28-1	14847605	13822181	14490595	14386793	3.62	cps
Silver	107-1	24155	23771	23554	23827	1.28	cps
Silver	109-1	20850	20449	19898	20399	2.34	cps
Sodium	23-2	4543824	4547378	4353376	4481526	2.48	cps
Strontium	86-1	1156240	1137620	1100622	1131494	2.50	cps
Strontium	88-1	9962411	9786986	9543340	9764246	2.16	cps
Sulfur	34-1	347022	344687	341040	344250	0.88	cps
Terbium	159-1	10061125	11981608	11260897	11101210	8.74	cps
Terbium	159-2	3989665	3932438	3887327	3936477	1.30	cps
Thallium	203-1	1092	1200	1017	1103	8.36	cps
Thallium	205-1	2434	2434	2367	2411	1.60	cps
Tin	118-1	134643	134802	130865	133437	1.67	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:05:08	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18852631	19440543	18142687	18811954	3.45	cps
Uranium	238-1	63041	62990	63753	63261	0.67	cps
Vanadium	51-2	1949067	1939511	1837679	1908752	3.23	cps
Ytterbium	172-1	56237	57175	57593	57002	1.22	cps
Ytterbium	172-2	22508	22414	21679	22200	2.04	cps
Ytterbium	176-1	44075	43038	43707	43606	1.21	cps
Ytterbium	176-2	26154	25642	23922	25239	4.63	cps
Yttrium	89-1	12382284	14389889	14080587	13617587	7.94	cps
Yttrium	89-2	1148730	1128664	1128635	1135343	1.02	cps
Zinc	66-2	850383	822681	810412	827825	2.47	cps
Zirconium	90-1	2345295	2304181	2291416	2313630	1.22	cps
Zirconium	91-1	509904	508820	498018	505581	1.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2487024	2489445	2449744	2475404	0.90	cps
Antimony	121-1	5493	5993	5701	5729	4.39	cps
Arsenic	75-2	1125	1097	1127	1116	1.50	cps
Barium	135-1	130941	135949	125944	130945	3.82	cps
Barium	137-1	235004	237204	234099	235436	0.68	cps
Beryllium	9-1	855	749	754	786	7.63	cps
Bismuth	209-1	6421538	6642666	6579615	6547940	1.74	cps
Bismuth	209-2	2959014	2960999	2988857	2969624	0.56	cps
Boron	10-1	4206	4624	4336	4388	4.88	cps
Boron	11-1	19994	20658	20817	20490	2.13	cps
Bromine	81-1	31197	29472	29431	30033	3.36	cps
Cadmium	111-1	7506	7359	7350	7405	1.18	cps
Cadmium	106-1	5476	5468	5360	5435	1.20	cps
Cadmium	108-1	713	754	854	774	9.41	cps
Calcium	43-1	1451234	1493080	1394127	1446147	3.43	cps
Calcium	44-1	23470559	23779442	22923785	23391262	1.85	cps
Carbon	12-1	4198776	4405997	4374282	4326352	2.58	cps
Carbon	12-2	55138	55773	53406	54772	2.24	cps
Chlorine	35-1	134786224	142468703	138399674	138551534	2.77	cps
Chlorine	35-2	858505	835671	816624	836933	2.51	cps
Chromium	52-2	136304	134801	131247	134117	1.94	cps
Cobalt	59-2	119834	119936	115714	118495	2.03	cps
Copper	63-2	716998	692204	677936	695713	2.84	cps
Dysprosium	156-1	21234	21368	22102	21568	2.17	cps
Dysprosium	156-2	8986	8543	7812	8447	7.02	cps
Erbium	164-1	24974	25993	25366	25444	2.02	cps
Erbium	164-2	9297	8960	8730	8995	3.17	cps
Gadolinium	160-1	23338	23788	23872	23666	1.21	cps
Gadolinium	160-2	9650	10094	9460	9735	3.34	cps
Holmium	165-1	10000570	10173020	10319314	10164301	1.57	cps
Holmium	165-2	3969900	3956305	4058896	3995033	1.39	cps
Indium	115-1	7754138	7906296	7838970	7833135	0.97	cps
Indium	115-2	977434	971125	950763	966441	1.44	cps
Iron	54-2	9146721	8706688	8855286	8902898	2.51	cps
Iron	56-2	167252593	166300165	160832031	164794930	2.10	cps
Iron	57-2	4207878	4103505	4020571	4110651	2.28	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	337	364	315	339	7.20	cps
Lead	206-1	146019	146390	148607	147005	0.95	cps
Lead	207-1	121041	120551	121093	120895	0.25	cps
Lead	208-1	568213	567951	567435	567866	0.07	cps
Lithium	6-1	2451601	2435356	2480523	2455827	0.93	cps
Magnesium	24-2	3964073	3964902	3777197	3902057	2.77	cps
Manganese	55-2	1732669	1701501	1690265	1708145	1.29	cps
Molybdenum	94-1	157776	164839	159366	160660	2.31	cps
Molybdenum	95-1	22210	22143	22544	22299	0.96	cps
Molybdenum	96-1	53102	54809	52107	53340	2.56	cps
Molybdenum	97-1	14141	14691	14817	14550	2.47	cps
Molybdenum	98-1	35555	37109	36332	36332	2.14	cps
Neodymium	150-1	26273	25992	25966	26077	0.65	cps
Neodymium	150-2	7019	6625	6692	6778	3.11	cps
Nickel	60-2	86410	85261	82666	84779	2.26	cps
Phosphorus	31-2	3634	3409	3117	3387	7.65	cps
Potassium	39-2	59657	60184	59590	59811	0.54	cps
Rhodium	103-1	7372964	7414881	7415360	7401068	0.33	cps
Rhodium	103-2	3021579	3048043	2896102	2988575	2.72	cps
Scandium	45-1	5176212	5338186	5467222	5327207	2.74	cps
Scandium	45-2	140743	143942	141774	142153	1.15	cps
Selenium	82-1	100	75	109	95	18.52	cps
Selenium	77-2	37	23	30	30	22.23	cps
Selenium	78-2	78	56	70	68	16.37	cps
Silicon	28-1	2921906	2834338	3437174	3064472	10.63	cps
Silver	107-1	4317	4743	4559	4540	4.70	cps
Silver	109-1	4234	3617	4401	4084	10.11	cps
Sodium	23-2	873452	863404	822794	853217	3.14	cps
Strontium	86-1	198308	207765	202337	202803	2.34	cps
Strontium	88-1	1784493	1838193	1790551	1804412	1.63	cps
Sulfur	34-1	289305	291876	291486	290889	0.48	cps
Terbium	159-1	10162504	10325225	10124553	10204094	1.04	cps
Terbium	159-2	3936835	3852527	3847928	3879097	1.29	cps
Thallium	203-1	225	275	233	244	10.96	cps
Thallium	205-1	550	675	617	614	10.19	cps
Tin	118-1	23805	25207	23003	24005	4.65	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-08-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:07:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3375233	3428481	3367067	3390260	0.98	cps
Uranium	238-1	11380	11698	11189	11422	2.25	cps
Vanadium	51-2	361785	354276	346598	354220	2.14	cps
Ytterbium	172-1	10121	9704	10046	9957	2.23	cps
Ytterbium	172-2	4073	4290	4290	4217	2.97	cps
Ytterbium	176-1	8795	9179	8870	8948	2.27	cps
Ytterbium	176-2	12095	12261	12017	12124	1.03	cps
Yttrium	89-1	11271173	11720818	11630277	11540756	2.06	cps
Yttrium	89-2	993559	986938	998659	993052	0.59	cps
Zinc	66-2	178182	173843	168947	173657	2.66	cps
Zirconium	90-1	403772	408637	404838	405749	0.63	cps
Zirconium	91-1	90721	91737	89883	90780	1.02	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627701	1573274	1499305	1566760	4.11	cps
Antimony	121-1	1508	2025	1892	1809	14.83	cps
Arsenic	75-2	2420	2489	2342	2417	3.04	cps
Barium	135-1	57900	61081	59935	59639	2.70	cps
Barium	137-1	103330	103312	101885	102842	0.81	cps
Beryllium	9-1	744	740	701	728	3.23	cps
Bismuth	209-1	6343496	6263754	6487149	6364800	1.78	cps
Bismuth	209-2	2934395	2986295	2934947	2951879	1.01	cps
Boron	10-1	3450	3504	3668	3540	3.21	cps
Boron	11-1	15811	15793	16668	16091	3.11	cps
Bromine	81-1	28368	28579	29462	28803	2.01	cps
Cadmium	111-1	3213	3414	3248	3292	3.25	cps
Cadmium	106-1	4259	4559	4309	4376	3.67	cps
Cadmium	108-1	217	254	246	239	8.24	cps
Calcium	43-1	2527842	2629701	2665818	2607787	2.74	cps
Calcium	44-1	41916937	43101727	42547295	42521986	1.39	cps
Carbon	12-1	3427956	3627465	3604055	3553159	3.07	cps
Carbon	12-2	46725	46023	45312	46020	1.53	cps
Chlorine	35-1	87656377	97157704	102765179	95859754	7.97	cps
Chlorine	35-2	663849	659679	664246	662591	0.38	cps
Chromium	52-2	96937	94374	92665	94659	2.27	cps
Cobalt	59-2	99502	97941	95069	97504	2.31	cps
Copper	63-2	246489	241134	236824	241482	2.00	cps
Dysprosium	156-1	21042	22085	21551	21560	2.42	cps
Dysprosium	156-2	8743	8399	8143	8428	3.57	cps
Erbium	164-1	25082	24740	25367	25063	1.25	cps
Erbium	164-2	9734	8953	9277	9321	4.21	cps
Gadolinium	160-1	23672	24815	23430	23972	3.09	cps
Gadolinium	160-2	10197	10384	9880	10154	2.51	cps
Holmium	165-1	9892912	9615535	9750181	9752876	1.42	cps
Holmium	165-2	3981537	3951853	3866237	3933209	1.52	cps
Indium	115-1	7336693	7473609	7514923	7441742	1.25	cps
Indium	115-2	981642	964510	962730	969627	1.08	cps
Iron	54-2	4590777	4362060	4191355	4381397	4.57	cps
Iron	56-2	82128474	80915449	78689188	80577704	2.16	cps
Iron	57-2	2086822	2050265	1976460	2037849	2.76	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	335	304	365	335	9.15	cps
Lead	206-1	487931	504258	490304	494164	1.79	cps
Lead	207-1	411462	421691	418085	417079	1.24	cps
Lead	208-1	1911805	1971428	1949578	1944270	1.55	cps
Lithium	6-1	2455430	2428209	2307463	2397034	3.29	cps
Magnesium	24-2	3908170	3809065	3740572	3819269	2.21	cps
Manganese	55-2	983606	974925	925073	961201	3.29	cps
Molybdenum	94-1	59788	58081	60082	59317	1.82	cps
Molybdenum	95-1	3309	3651	3167	3375	7.36	cps
Molybdenum	96-1	14825	15142	15568	15178	2.45	cps
Molybdenum	97-1	2067	2150	2109	2109	1.98	cps
Molybdenum	98-1	5443	5159	5251	5284	2.74	cps
Neodymium	150-1	28010	28664	27602	28092	1.91	cps
Neodymium	150-2	7586	7692	7285	7521	2.80	cps
Nickel	60-2	65822	63297	62226	63781	2.89	cps
Phosphorus	31-2	2309	1975	2525	2270	12.21	cps
Potassium	39-2	65817	63826	64235	64626	1.63	cps
Rhodium	103-1	7289525	7205795	7229911	7241743	0.60	cps
Rhodium	103-2	2971941	3059140	2944287	2991789	2.00	cps
Scandium	45-1	5161293	5212927	5224954	5199725	0.65	cps
Scandium	45-2	139266	139364	135979	138203	1.39	cps
Selenium	82-1	74	86	59	73	18.88	cps
Selenium	77-2	47	20	23	30	48.44	cps
Selenium	78-2	67	54	61	61	10.72	cps
Silicon	28-1	3953330	3721755	4277237	3984107	7.00	cps
Silver	107-1	1492	1492	1308	1431	7.40	cps
Silver	109-1	1350	1192	1183	1242	7.56	cps
Sodium	23-2	414946	415156	407568	412557	1.05	cps
Strontium	86-1	1572423	1540220	1517015	1543219	1.80	cps
Strontium	88-1	13247825	13313219	12884781	13148608	1.76	cps
Sulfur	34-1	309930	306547	308592	308357	0.55	cps
Terbium	159-1	9877226	9943682	9899493	9906800	0.34	cps
Terbium	159-2	3880539	3953569	3727378	3853829	3.00	cps
Thallium	203-1	408	492	358	419	16.06	cps
Thallium	205-1	908	892	1050	950	9.16	cps
Tin	118-1	10971	11847	11781	11533	4.23	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:10:53	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1754700	1877558	1758660	1796973	3.89	cps
Uranium	238-1	26470	25752	25894	26038	1.46	cps
Vanadium	51-2	306369	301790	295668	301276	1.78	cps
Ytterbium	172-1	9153	9162	9654	9323	3.07	cps
Ytterbium	172-2	4329	4123	3801	4084	6.52	cps
Ytterbium	176-1	7728	7761	7461	7650	2.15	cps
Ytterbium	176-2	11305	11539	11288	11377	1.23	cps
Yttrium	89-1	11098348	11227671	11125650	11150556	0.61	cps
Yttrium	89-2	1015369	1007753	984060	1002394	1.63	cps
Zinc	66-2	64654	63670	62397	63573	1.78	cps
Zirconium	90-1	148516	156412	160023	154984	3.80	cps
Zirconium	91-1	33350	34369	35330	34349	2.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2197779	2104806	2144265	2148950	2.17	cps
Antimony	121-1	2496365	2485602	2464838	2482269	0.65	cps
Arsenic	75-2	67499	66498	66150	66716	1.05	cps
Barium	135-1	3152913	3215871	3097722	3155502	1.87	cps
Barium	137-1	5390457	5326920	5440786	5386054	1.06	cps
Beryllium	9-1	700664	689591	691938	694064	0.84	cps
Bismuth	209-1	4645930	5118421	5205863	4990071	6.04	cps
Bismuth	209-2	2687135	2615346	2652463	2651648	1.35	cps
Boron	10-1	90738	94190	97879	94269	3.79	cps
Boron	11-1	384936	417191	444000	415376	7.12	cps
Bromine	81-1	27345	28128	26402	27292	3.17	cps
Cadmium	111-1	711339	703204	700612	705052	0.79	cps
Cadmium	106-1	78549	80093	80837	79826	1.46	cps
Cadmium	108-1	55377	54988	55499	55288	0.48	cps
Calcium	43-1	4382341	4311433	4243848	4312541	1.61	cps
Calcium	44-1	69960515	68652124	69069549	69227396	0.97	cps
Carbon	12-1	3362410	3533620	3608382	3501471	3.60	cps
Carbon	12-2	50939	51224	50989	51051	0.30	cps
Chlorine	35-1	2961568	2956040	2902962	2940190	1.10	cps
Chlorine	35-2	19939	19188	19313	19480	2.07	cps
Chromium	52-2	684039	672676	659943	672220	1.79	cps
Cobalt	59-2	1278061	1237777	1225635	1247158	2.20	cps
Copper	63-2	10358829	10310212	10212683	10293908	0.72	cps
Dysprosium	156-1	642	708	600	650	8.41	cps
Dysprosium	156-2	307	307	260	291	9.25	cps
Erbium	164-1	67	75	125	89	35.49	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	592	708	642	647	9.04	cps
Gadolinium	160-2	427	437	403	422	4.05	cps
Holmium	165-1	7424088	8155577	8514421	8031362	6.92	cps
Holmium	165-2	3816364	3724153	3832656	3791058	1.54	cps
Indium	115-1	5523465	6372751	6555201	6150472	8.95	cps
Indium	115-2	938832	931950	945092	938625	0.70	cps
Iron	54-2	8111268	7855514	7513527	7826770	3.83	cps
Iron	56-2	144922459	143042875	138236211	142067182	2.43	cps
Iron	57-2	3696478	3683507	3549923	3643302	2.23	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	286	312	302	4.61	cps
Lead	206-1	11699344	11509910	11357495	11522250	1.49	cps
Lead	207-1	10084365	10262633	10166219	10171072	0.88	cps
Lead	208-1	46873275	46466416	45722275	46353989	1.26	cps
Lithium	6-1	1914017	2006332	2048327	1989559	3.45	cps
Magnesium	24-2	29640902	30304415	29686237	29877185	1.24	cps
Manganese	55-2	3718917	3641693	3593870	3651493	1.73	cps
Molybdenum	94-1	10722157	10498001	10197650	10472603	2.51	cps
Molybdenum	95-1	15206864	15161528	14733679	15034024	1.74	cps
Molybdenum	96-1	16532921	16673604	16595033	16600519	0.42	cps
Molybdenum	97-1	9305260	9264958	9454706	9341641	1.07	cps
Molybdenum	98-1	24192208	24239478	23982594	24138093	0.57	cps
Neodymium	150-1	373	380	313	356	10.33	cps
Neodymium	150-2	13	10	27	17	52.93	cps
Nickel	60-2	354199	343463	341214	346292	2.00	cps
Phosphorus	31-2	24312	24396	24046	24251	0.75	cps
Potassium	39-2	9372160	9042486	9598741	9337796	3.00	cps
Rhodium	103-1	5216655	6105869	6174298	5832274	9.16	cps
Rhodium	103-2	2791942	2808535	2731523	2777333	1.46	cps
Scandium	45-1	3846451	4419123	4622037	4295871	9.36	cps
Scandium	45-2	137283	136133	140144	137853	1.50	cps
Selenium	82-1	60912	61694	61778	61462	0.78	cps
Selenium	77-2	1677	1813	1663	1718	4.83	cps
Selenium	78-2	5733	5752	5680	5721	0.65	cps
Silicon	28-1	2611391	2619120	2809803	2680104	4.19	cps
Silver	107-1	3475980	3504709	3562258	3514316	1.25	cps
Silver	109-1	3431709	3494421	3455524	3460551	0.91	cps
Sodium	23-2	53450776	54537537	52433207	53473840	1.97	cps
Strontium	86-1	22652774	21564752	21818908	22012145	2.59	cps
Strontium	88-1	193442154	188041900	186021150	189168401	2.03	cps
Sulfur	34-1	661257	657337	650810	656468	0.80	cps
Terbium	159-1	7574385	8589313	8784237	8315978	7.81	cps
Terbium	159-2	3823512	3625789	3741466	3730256	2.66	cps
Thallium	203-1	2813779	2781632	2692640	2762684	2.27	cps
Thallium	205-1	6571810	6434497	6535504	6513937	1.09	cps
Tin	118-1	2229709	2230968	2167562	2209413	1.64	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:29:51	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4201956	4177800	4271317	4217024	1.15	cps
Uranium	238-1	9340203	9412337	9141085	9297875	1.51	cps
Vanadium	51-2	548199	533668	531908	537925	1.66	cps
Ytterbium	172-1	208	225	308	247	21.67	cps
Ytterbium	172-2	133	100	89	107	21.54	cps
Ytterbium	176-1	12556	12857	12389	12601	1.88	cps
Ytterbium	176-2	13274	13363	13312	13316	0.33	cps
Yttrium	89-1	8034565	9783359	9810859	9209594	11.05	cps
Yttrium	89-2	978629	969527	974035	974064	0.47	cps
Zinc	66-2	1205224	1183176	1181921	1190107	1.10	cps
Zirconium	90-1	4877409	5009414	5015021	4967281	1.57	cps
Zirconium	91-1	1080992	1080227	1093293	1084837	0.68	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52	45	90	62	38.58	cps
Antimony	121-1	325	275	417	339	21.20	cps
Arsenic	75-2	3	4	4	4	15.75	cps
Barium	135-1	67	17	17	33	86.59	cps
Barium	137-1	108	42	33	61	67.27	cps
Beryllium	9-1	51	44	54	50	10.50	cps
Bismuth	209-1	5714981	5803635	5908668	5809095	1.67	cps
Bismuth	209-2	2809681	2953535	2747156	2836791	3.73	cps
Boron	10-1	2188	2034	2028	2083	4.35	cps
Boron	11-1	9721	9067	9049	9279	4.13	cps
Bromine	81-1	25780	27044	26061	26295	2.52	cps
Cadmium	111-1	2387	2479	2407	2424	1.99	cps
Cadmium	106-1	3376	3517	3417	3437	2.12	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Calcium	43-1	200	120	124	148	30.52	cps
Calcium	44-1	9416	8454	8320	8730	6.85	cps
Carbon	12-1	2894201	2923012	2888124	2901779	0.64	cps
Carbon	12-2	40130	39203	39119	39484	1.42	cps
Chlorine	35-1	2380186	2339473	2360150	2359936	0.86	cps
Chlorine	35-2	14891	15350	15208	15150	1.55	cps
Chromium	52-2	413	427	453	431	4.73	cps
Cobalt	59-2	70	37	83	63	37.95	cps
Copper	63-2	970	953	1147	1023	10.47	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	100	67	72	35.25	cps
Erbium	164-2	33	17	23	24	34.31	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	143	143	113	133	12.99	cps
Holmium	165-1	8458874	8624522	8976240	8686545	3.04	cps
Holmium	165-2	3696982	3738764	3730434	3722060	0.59	cps
Indium	115-1	6929208	6824351	6875357	6876305	0.76	cps
Indium	115-2	970704	976789	959702	969065	0.89	cps
Iron	54-2	528	522	678	576	15.32	cps
Iron	56-2	3356	3184	8926	5155	63.37	cps
Iron	57-2	156	156	256	189	30.56	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	262	261	264	262	0.48	cps
Lead	206-1	867	778	717	787	9.58	cps
Lead	207-1	767	589	622	659	14.34	cps
Lead	208-1	3350	2967	2850	3056	8.56	cps
Lithium	6-1	2141414	2126286	2108466	2125389	0.78	cps
Magnesium	24-2	292	183	925	467	85.85	cps
Manganese	55-2	100	80	153	111	34.12	cps
Molybdenum	94-1	492	300	350	381	26.13	cps
Molybdenum	95-1	492	308	242	347	37.28	cps
Molybdenum	96-1	742	425	417	528	35.11	cps
Molybdenum	97-1	308	158	200	222	34.84	cps
Molybdenum	98-1	1033	500	608	714	39.49	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	10	20	20	50.00	cps
Phosphorus	31-2	58	75	50	61	20.83	cps
Potassium	39-2	14891	14424	14191	14502	2.46	cps
Rhodium	103-1	6653881	6761402	6574823	6663368	1.41	cps
Rhodium	103-2	2975582	2930932	2947472	2951329	0.76	cps
Scandium	45-1	4415966	4629883	4608831	4551560	2.59	cps
Scandium	45-2	135046	135652	135800	135500	0.29	cps
Selenium	82-1	28	-11	19	12	174.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	36	46	41	12.38	cps
Silicon	28-1	438502	436715	429947	435055	1.04	cps
Silver	107-1	392	317	292	333	15.61	cps
Silver	109-1	358	267	242	289	21.26	cps
Sodium	23-2	10963	11163	12464	11530	7.07	cps
Strontium	86-1	983	600	500	694	36.74	cps
Strontium	88-1	3476	1208	733	1806	81.16	cps
Sulfur	34-1	272536	273361	279728	275208	1.43	cps
Terbium	159-1	9009315	9062480	8926341	8999379	0.76	cps
Terbium	159-2	3787964	3946817	3786577	3840453	2.40	cps
Thallium	203-1	375	358	242	325	22.35	cps
Thallium	205-1	858	708	742	769	10.24	cps
Tin	118-1	350	333	300	328	7.77	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:36:44	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	67	108	136	63.72	cps
Uranium	238-1	192	75	17	94	94.35	cps
Vanadium	51-2	7	13	13	11	34.61	cps
Ytterbium	172-1	8	42	8	19	99.00	cps
Ytterbium	172-2	11	33	0	15	114.56	cps
Ytterbium	176-1	1433	1408	1467	1436	2.04	cps
Ytterbium	176-2	8614	8620	8792	8675	1.17	cps
Yttrium	89-1	9813638	9751337	9942468	9835814	0.99	cps
Yttrium	89-2	964204	975691	964126	968007	0.69	cps
Zinc	66-2	277	260	280	272	3.94	cps
Zirconium	90-1	692	650	650	664	3.62	cps
Zirconium	91-1	150	133	142	142	5.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8239548	8097743	7808739	8048677	2.73	cps
Antimony	121-1	10754	10421	10229	10468	2.54	cps
Arsenic	75-2	13338	13333	12666	13112	2.95	cps
Barium	135-1	330982	342221	333213	335472	1.77	cps
Barium	137-1	583106	591336	581630	585357	0.89	cps
Beryllium	9-1	3850	3719	3801	3790	1.75	cps
Bismuth	209-1	7063344	7212919	7419369	7231877	2.47	cps
Bismuth	209-2	3288648	3215854	3092106	3198869	3.11	cps
Boron	10-1	11034	11808	11907	11583	4.13	cps
Boron	11-1	50073	53904	56306	53428	5.88	cps
Bromine	81-1	33474	31709	31277	32153	3.62	cps
Cadmium	111-1	6742	6744	6398	6628	3.00	cps
Cadmium	106-1	7777	7919	7319	7672	4.09	cps
Cadmium	108-1	1242	1267	1167	1225	4.25	cps
Calcium	43-1	14576127	14940306	14345916	14620783	2.05	cps
Calcium	44-1	236358616	231619893	233127839	233702116	1.04	cps
Carbon	12-1	5291665	5693133	5733080	5572626	4.38	cps
Carbon	12-2	72136	72412	70067	71538	1.79	cps
Chlorine	35-1	341995583	409431334	436447560	395958159	12.29	cps
Chlorine	35-2	2976667	3017413	2993197	2995759	0.68	cps
Chromium	52-2	517296	511644	488162	505701	3.06	cps
Cobalt	59-2	515028	509109	490377	504838	2.55	cps
Copper	63-2	1239687	1236009	1183364	1219687	2.58	cps
Dysprosium	156-1	121399	126425	122997	123607	2.08	cps
Dysprosium	156-2	46745	47906	44628	46426	3.58	cps
Erbium	164-1	142975	149539	145618	146044	2.26	cps
Erbium	164-2	50991	52216	49505	50904	2.67	cps
Gadolinium	160-1	135351	133894	136564	135270	0.99	cps
Gadolinium	160-2	55110	57058	51971	54713	4.69	cps
Holmium	165-1	10468647	10836806	10777695	10694383	1.85	cps
Holmium	165-2	4130473	4265279	4026109	4140620	2.90	cps
Indium	115-1	8159379	8244058	8315781	8239739	0.95	cps
Indium	115-2	990787	1001315	988063	993388	0.70	cps
Iron	54-2	23017226	22822653	21826338	22555405	2.83	cps
Iron	56-2	419718087	421370476	407759565	416282709	1.78	cps
Iron	57-2	10645526	10299017	10289865	10411469	1.95	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	604	611	631	615	2.31	cps
Lead	206-1	2857199	2867452	2912918	2879190	1.03	cps
Lead	207-1	2366496	2400049	2392513	2386353	0.74	cps
Lead	208-1	10962966	11145562	11146126	11084885	0.95	cps
Lithium	6-1	2800590	2708577	2862157	2790441	2.77	cps
Magnesium	24-2	20483880	20429620	19405194	20106231	3.02	cps
Manganese	55-2	5253166	5299188	5001476	5184610	3.09	cps
Molybdenum	94-1	320799	329294	316243	322112	2.06	cps
Molybdenum	95-1	18187	19940	18354	18827	5.14	cps
Molybdenum	96-1	83797	85514	83077	84129	1.49	cps
Molybdenum	97-1	12739	11764	11872	12125	4.41	cps
Molybdenum	98-1	28856	31219	29574	29883	4.05	cps
Neodymium	150-1	154038	162229	157002	157757	2.63	cps
Neodymium	150-2	41196	42367	40431	41331	2.36	cps
Nickel	60-2	332363	324910	316343	324539	2.47	cps
Phosphorus	31-2	11571	11146	11021	11246	2.57	cps
Potassium	39-2	287025	282849	267822	279232	3.62	cps
Rhodium	103-1	7237955	7636461	7431363	7435260	2.68	cps
Rhodium	103-2	2969491	2947980	2867852	2928441	1.83	cps
Scandium	45-1	6444066	6257151	6438424	6379880	1.67	cps
Scandium	45-2	161097	160091	154867	158685	2.11	cps
Selenium	82-1	389	345	324	352	9.40	cps
Selenium	77-2	180	180	207	189	8.15	cps
Selenium	78-2	153	189	143	162	14.96	cps
Silicon	28-1	21353608	20787670	21315960	21152413	1.50	cps
Silver	107-1	17500	9187	8436	11708	42.97	cps
Silver	109-1	14850	8703	7452	10335	38.31	cps
Sodium	23-2	2262919	2233439	2156206	2217521	2.49	cps
Strontium	86-1	8806930	8827963	8649911	8761601	1.11	cps
Strontium	88-1	74162933	75643085	73183341	74329786	1.67	cps
Sulfur	34-1	417967	415502	405191	412887	1.64	cps
Terbium	159-1	10807621	11070034	11274877	11050844	2.12	cps
Terbium	159-2	4005030	4113208	4013060	4043766	1.49	cps
Thallium	203-1	2567	2259	2242	2356	7.77	cps
Thallium	205-1	5643	5218	4868	5243	7.41	cps
Tin	118-1	67041	71270	70809	69706	3.33	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-09	Instrumnet Name :	P8
Client Sample ID :	SS-09-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:39:46	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9888112	9778029	9817844	9827995	0.57	cps
Uranium	238-1	138006	142781	145479	142089	2.66	cps
Vanadium	51-2	1663304	1695252	1592586	1650381	3.18	cps
Ytterbium	172-1	49920	51861	50556	50779	1.95	cps
Ytterbium	172-2	20572	21657	20755	20995	2.77	cps
Ytterbium	176-1	34070	36443	35039	35184	3.39	cps
Ytterbium	176-2	23009	23844	23544	23466	1.80	cps
Yttrium	89-1	13716219	14133102	13901511	13916944	1.50	cps
Yttrium	89-2	1162888	1166797	1128921	1152869	1.81	cps
Zinc	66-2	304418	305353	296229	302000	1.66	cps
Zirconium	90-1	828867	874726	855733	853109	2.70	cps
Zirconium	91-1	196421	194050	188144	192871	2.21	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5449292	5331560	5254659	5345170	1.83	cps
Antimony	121-1	131219	129714	125154	128695	2.45	cps
Arsenic	75-2	22555	22253	21707	22172	1.94	cps
Barium	135-1	1162933	1172521	1181480	1172312	0.79	cps
Barium	137-1	2046599	2083384	2032906	2054296	1.27	cps
Beryllium	9-1	4333	4431	4310	4358	1.48	cps
Bismuth	209-1	7877318	8009870	7402443	7763210	4.11	cps
Bismuth	209-2	3326513	3261052	3135628	3241065	2.99	cps
Boron	10-1	5052	5248	5266	5189	2.29	cps
Boron	11-1	23338	24243	25243	24275	3.92	cps
Bromine	81-1	36736	37870	37760	37456	1.67	cps
Cadmium	111-1	16384	16495	15835	16238	2.18	cps
Cadmium	106-1	7244	6960	6902	7035	2.60	cps
Cadmium	108-1	1608	1625	1479	1571	5.08	cps
Calcium	43-1	906474	889591	882625	892896	1.37	cps
Calcium	44-1	14503645	14803939	13946195	14417926	3.02	cps
Carbon	12-1	25885860	28364450	28125602	27458637	4.98	cps
Carbon	12-2	343715	342036	337593	341115	0.93	cps
Chlorine	35-1	456719844	516367462	535357812	502815039	8.16	cps
Chlorine	35-2	3528062	3463571	3457577	3483070	1.12	cps
Chromium	52-2	1223804	1200599	1166380	1196927	2.41	cps
Cobalt	59-2	688719	680391	657443	675517	2.40	cps
Copper	63-2	3800733	3659886	3679086	3713235	2.06	cps
Dysprosium	156-1	92329	93493	91751	92524	0.96	cps
Dysprosium	156-2	35337	34424	33913	34558	2.09	cps
Erbium	164-1	95780	92757	89594	92710	3.34	cps
Erbium	164-2	31628	31671	30592	31297	1.95	cps
Gadolinium	160-1	89209	89241	91549	89999	1.49	cps
Gadolinium	160-2	36664	36587	35928	36393	1.11	cps
Holmium	165-1	11872930	11357880	11048705	11426505	3.64	cps
Holmium	165-2	4182896	4149924	3974407	4102409	2.73	cps
Indium	115-1	8995407	8463648	8398830	8619295	3.80	cps
Indium	115-2	1018580	1031606	980793	1010326	2.61	cps
Iron	54-2	29820223	30572437	28997799	29796820	2.64	cps
Iron	56-2	547899912	552652501	531537623	544030012	2.04	cps
Iron	57-2	14094732	13818868	13594060	13835887	1.81	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	486	519	480	495	4.20	cps
Lead	206-1	2053227	2076895	2015941	2048688	1.50	cps
Lead	207-1	1684878	1748011	1628545	1687144	3.54	cps
Lead	208-1	8001832	8246629	7949044	8065835	1.97	cps
Lithium	6-1	2941973	2904246	2936579	2927600	0.70	cps
Magnesium	24-2	4329694	4434397	4423264	4395785	1.31	cps
Manganese	55-2	4796693	4808589	4619020	4741434	2.24	cps
Molybdenum	94-1	156421	152742	148876	152680	2.47	cps
Molybdenum	95-1	141686	137723	136124	138511	2.07	cps
Molybdenum	96-1	179607	181185	175791	178861	1.55	cps
Molybdenum	97-1	87543	86614	85967	86708	0.91	cps
Molybdenum	98-1	222504	222123	222335	222321	0.09	cps
Neodymium	150-1	103182	102065	103027	102758	0.59	cps
Neodymium	150-2	26099	26647	25902	26216	1.47	cps
Nickel	60-2	2193598	2077570	2048002	2106390	3.65	cps
Phosphorus	31-2	17386	16510	16660	16852	2.78	cps
Potassium	39-2	197550	192553	189738	193281	2.05	cps
Rhodium	103-1	8082531	7840566	7794336	7905811	1.96	cps
Rhodium	103-2	3091363	3137360	2965710	3064811	2.90	cps
Scandium	45-1	6615963	6767945	6257642	6547183	4.00	cps
Scandium	45-2	163396	162258	152549	159401	3.74	cps
Selenium	82-1	1074	1171	1117	1121	4.36	cps
Selenium	77-2	117	127	143	129	10.45	cps
Selenium	78-2	231	211	236	226	5.86	cps
Silicon	28-1	16487336	16766895	16200598	16484943	1.72	cps
Silver	107-1	11205	11347	11055	11202	1.30	cps
Silver	109-1	10746	10621	11222	10863	2.92	cps
Sodium	23-2	259214	254079	249843	254379	1.84	cps
Strontium	86-1	382278	367861	358342	369494	3.26	cps
Strontium	88-1	3315095	3169187	3184373	3222885	2.49	cps
Sulfur	34-1	480403	468905	455232	468180	2.69	cps
Terbium	159-1	11705650	11774027	11545594	11675091	1.00	cps
Terbium	159-2	4121000	4155672	3872418	4049697	3.82	cps
Thallium	203-1	4184	4493	4067	4248	5.17	cps
Thallium	205-1	11339	10905	10997	11080	2.06	cps
Tin	118-1	195938	196804	191335	194692	1.51	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:42:38	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3820367	3938851	3785102	3848107	2.09	cps
Uranium	238-1	144216	144789	144721	144575	0.22	cps
Vanadium	51-2	3953537	3889601	3766582	3869907	2.46	cps
Ytterbium	172-1	30937	31555	30469	30987	1.76	cps
Ytterbium	172-2	13107	12612	12634	12784	2.19	cps
Ytterbium	176-1	22344	20976	21376	21565	3.26	cps
Ytterbium	176-2	17423	17490	16689	17200	2.58	cps
Yttrium	89-1	14088646	13372806	13146231	13535894	3.63	cps
Yttrium	89-2	1121682	1093730	1053687	1089700	3.14	cps
Zinc	66-2	2142803	2108629	2110509	2120647	0.91	cps
Zirconium	90-1	201559	200328	196833	199573	1.23	cps
Zirconium	91-1	45543	46312	47411	46422	2.02	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	994655	966493	964916	975355	1.72	cps
Antimony	121-1	22786	22444	21818	22349	2.20	cps
Arsenic	75-2	4040	3847	3832	3906	2.97	cps
Barium	135-1	203206	197861	196983	199350	1.69	cps
Barium	137-1	346215	337586	353602	345801	2.32	cps
Beryllium	9-1	769	756	787	771	2.04	cps
Bismuth	209-1	6487071	6518284	6510056	6505137	0.25	cps
Bismuth	209-2	2919927	2971373	2923356	2938219	0.98	cps
Boron	10-1	2082	2126	2120	2109	1.13	cps
Boron	11-1	9533	9719	9461	9571	1.39	cps
Bromine	81-1	32241	30485	31508	31411	2.81	cps
Cadmium	111-1	4927	4851	4773	4850	1.59	cps
Cadmium	106-1	4242	4084	3967	4098	3.37	cps
Cadmium	108-1	329	279	292	300	8.67	cps
Calcium	43-1	154648	153210	154647	154168	0.54	cps
Calcium	44-1	2557959	2549102	2560835	2555965	0.24	cps
Carbon	12-1	6815037	7056413	7243071	7038174	3.05	cps
Carbon	12-2	88308	89356	86513	88059	1.63	cps
Chlorine	35-1	145198366	147284570	145992416	146158450	0.72	cps
Chlorine	35-2	896471	868934	873241	879549	1.68	cps
Chromium	52-2	220208	214282	215055	216515	1.49	cps
Cobalt	59-2	126841	124471	123673	124995	1.32	cps
Copper	63-2	684252	653410	652625	663429	2.72	cps
Dysprosium	156-1	15459	16110	15726	15765	2.08	cps
Dysprosium	156-2	6222	5985	6065	6090	1.98	cps
Erbium	164-1	15785	15268	15685	15579	1.76	cps
Erbium	164-2	5875	5545	5394	5605	4.38	cps
Gadolinium	160-1	14917	15885	14817	15206	3.88	cps
Gadolinium	160-2	6758	6358	6168	6428	4.69	cps
Holmium	165-1	9582688	9663884	9645127	9630566	0.44	cps
Holmium	165-2	3849354	3974887	3985508	3936583	1.92	cps
Indium	115-1	7512367	7396676	7565587	7491543	1.15	cps
Indium	115-2	952471	949023	958682	953392	0.51	cps
Iron	54-2	5584770	5405292	5445007	5478356	1.72	cps
Iron	56-2	104233080	99302549	99436669	100990766	2.78	cps
Iron	57-2	2571320	2588161	2516167	2558549	1.47	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	297	295	327	307	5.90	cps
Lead	206-1	326356	342239	345213	337936	3.00	cps
Lead	207-1	276039	290584	292650	286424	3.16	cps
Lead	208-1	1299377	1337486	1352577	1329814	2.06	cps
Lithium	6-1	2403148	2389950	2437526	2410208	1.02	cps
Magnesium	24-2	816521	800921	781730	799724	2.18	cps
Manganese	55-2	862152	822527	825069	836582	2.65	cps
Molybdenum	94-1	27595	27545	26810	27316	1.61	cps
Molybdenum	95-1	24172	24355	24330	24286	0.41	cps
Molybdenum	96-1	29666	30384	30434	30161	1.43	cps
Molybdenum	97-1	14333	14858	15484	14892	3.87	cps
Molybdenum	98-1	37669	38814	38646	38376	1.61	cps
Neodymium	150-1	17532	16838	17952	17441	3.23	cps
Neodymium	150-2	4828	4774	4671	4758	1.67	cps
Nickel	60-2	372647	362490	360082	365073	1.83	cps
Phosphorus	31-2	2967	2992	3150	3037	3.27	cps
Potassium	39-2	48331	45288	47153	46924	3.27	cps
Rhodium	103-1	7288738	7320299	7257844	7288960	0.43	cps
Rhodium	103-2	2953021	2994520	2997880	2981807	0.84	cps
Scandium	45-1	5037423	4956990	5078165	5024192	1.23	cps
Scandium	45-2	134935	136790	139122	136949	1.53	cps
Selenium	82-1	224	207	192	208	7.52	cps
Selenium	77-2	27	7	37	23	65.46	cps
Selenium	78-2	68	80	58	69	16.04	cps
Silicon	28-1	3210741	3236235	3375600	3274192	2.71	cps
Silver	107-1	2575	2367	1975	2306	13.21	cps
Silver	109-1	1917	2300	2200	2139	9.30	cps
Sodium	23-2	61045	59054	57673	59257	2.86	cps
Strontium	86-1	63930	64467	63377	63925	0.85	cps
Strontium	88-1	539603	542428	548884	543638	0.88	cps
Sulfur	34-1	271591	275621	272520	273244	0.77	cps
Terbium	159-1	10247237	10091135	9789320	10042564	2.32	cps
Terbium	159-2	3854097	3855155	3778767	3829339	1.14	cps
Thallium	203-1	858	950	875	895	5.46	cps
Thallium	205-1	2075	2325	2009	2136	7.82	cps
Tin	118-1	33450	33601	32957	33336	1.01	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:45:27	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	660153	673130	662356	665213	1.04	cps
Uranium	238-1	24424	25543	25543	25170	2.57	cps
Vanadium	51-2	707818	687269	681502	692197	2.00	cps
Ytterbium	172-1	4968	5310	5134	5137	3.33	cps
Ytterbium	172-2	2250	2267	2256	2258	0.38	cps
Ytterbium	176-1	4993	4959	5251	5068	3.15	cps
Ytterbium	176-2	10249	10432	10288	10323	0.94	cps
Yttrium	89-1	10600677	10929091	10846823	10792197	1.58	cps
Yttrium	89-2	980042	953332	973648	969008	1.44	cps
Zinc	66-2	382760	365051	366293	371368	2.66	cps
Zirconium	90-1	34351	35137	35964	35151	2.29	cps
Zirconium	91-1	7511	8028	7861	7800	3.38	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7364011	7024144	6928603	7105586	3.22	cps
Antimony	121-1	61607	62527	60904	61679	1.32	cps
Arsenic	75-2	13681	13427	13111	13406	2.13	cps
Barium	135-1	982514	974028	964516	973686	0.92	cps
Barium	137-1	1753129	1729964	1716599	1733230	1.07	cps
Beryllium	9-1	5304	5399	5243	5315	1.48	cps
Bismuth	209-1	7004534	6908805	6699893	6871077	2.27	cps
Bismuth	209-2	3061218	2951879	2992346	3001814	1.84	cps
Boron	10-1	9885	10362	10946	10398	5.11	cps
Boron	11-1	45012	48645	48420	47359	4.30	cps
Bromine	81-1	31909	31217	32060	31729	1.42	cps
Cadmium	111-1	11013	10973	10855	10947	0.75	cps
Cadmium	106-1	8044	8253	7777	8025	2.97	cps
Cadmium	108-1	1783	1608	1588	1660	6.48	cps
Calcium	43-1	10420534	10233661	10262572	10305589	0.98	cps
Calcium	44-1	168104917	169416963	163435946	166985942	1.88	cps
Carbon	12-1	8085497	8898014	8852682	8612065	5.30	cps
Carbon	12-2	113630	112824	109550	112001	1.93	cps
Chlorine	35-1	369294817	414679301	442533693	408835937	9.04	cps
Chlorine	35-2	2904059	2900135	2899530	2901242	0.08	cps
Chromium	52-2	820687	808277	786687	805217	2.14	cps
Cobalt	59-2	615748	591546	585716	597670	2.66	cps
Copper	63-2	2946098	2855588	2875275	2892320	1.65	cps
Dysprosium	156-1	134441	132331	129039	131937	2.06	cps
Dysprosium	156-2	49187	49006	47327	48507	2.11	cps
Erbium	164-1	149135	148055	148356	148515	0.38	cps
Erbium	164-2	52684	50890	48180	50585	4.48	cps
Gadolinium	160-1	139846	139088	137862	138932	0.72	cps
Gadolinium	160-2	55679	54592	52711	54327	2.76	cps
Holmium	165-1	10534179	10786178	10881284	10733880	1.67	cps
Holmium	165-2	4119113	4091147	3953589	4054617	2.19	cps
Indium	115-1	8044131	8063331	7884167	7997209	1.23	cps
Indium	115-2	953276	969197	941167	954547	1.47	cps
Iron	54-2	26927054	26846920	26117276	26630417	1.68	cps
Iron	56-2	495215689	495340067	486802489	492452748	0.99	cps
Iron	57-2	12784039	12234488	12080374	12366301	2.99	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	607	626	621	1.87	cps
Lead	206-1	1198134	1193938	1176096	1189389	0.98	cps
Lead	207-1	984696	997344	967767	983269	1.51	cps
Lead	208-1	4796363	4768243	4730843	4765150	0.69	cps
Lithium	6-1	2771532	2730696	2706115	2736114	1.21	cps
Magnesium	24-2	13013744	13011648	12290285	12771892	3.27	cps
Manganese	55-2	5527448	5537339	5189150	5417979	3.66	cps
Molybdenum	94-1	370275	374398	356083	366918	2.62	cps
Molybdenum	95-1	114067	116185	113213	114488	1.34	cps
Molybdenum	96-1	189696	189961	184140	187932	1.75	cps
Molybdenum	97-1	73429	73663	70573	72555	2.37	cps
Molybdenum	98-1	186286	191110	182154	186517	2.40	cps
Neodymium	150-1	167091	170505	161344	166313	2.78	cps
Neodymium	150-2	42411	42825	41695	42310	1.35	cps
Nickel	60-2	1700235	1602835	1590521	1631197	3.68	cps
Phosphorus	31-2	13056	13465	12656	13059	3.10	cps
Potassium	39-2	492224	488273	483177	487891	0.93	cps
Rhodium	103-1	7246102	7255516	7163844	7221821	0.70	cps
Rhodium	103-2	2815781	2816411	2803459	2811884	0.26	cps
Scandium	45-1	6303157	6386972	5907434	6199188	4.13	cps
Scandium	45-2	157360	154201	151751	154437	1.82	cps
Selenium	82-1	511	495	422	476	9.92	cps
Selenium	77-2	153	147	177	159	9.91	cps
Selenium	78-2	203	201	232	212	8.19	cps
Silicon	28-1	19213396	20063435	19386394	19554409	2.30	cps
Silver	107-1	16502	16452	15935	16296	1.93	cps
Silver	109-1	15759	15100	14992	15284	2.72	cps
Sodium	23-2	1123172	1142845	1100739	1122252	1.88	cps
Strontium	86-1	4043697	4139249	3893891	4025612	3.07	cps
Strontium	88-1	34375823	34305827	32173313	33618321	3.72	cps
Sulfur	34-1	486898	476763	472546	478736	1.54	cps
Terbium	159-1	11107496	10771574	10708201	10862423	1.98	cps
Terbium	159-2	3950047	3857053	3906871	3904657	1.19	cps
Thallium	203-1	3192	3334	3175	3234	2.69	cps
Thallium	205-1	7761	7519	7377	7552	2.57	cps
Tin	118-1	141581	147602	142453	143879	2.26	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUP	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 15:48:27	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10369597	10096842	9577604	10014681	4.02	cps
Uranium	238-1	101859	101179	101035	101358	0.43	cps
Vanadium	51-2	5539347	5568162	5341842	5483117	2.25	cps
Ytterbium	172-1	54354	52907	54136	53799	1.45	cps
Ytterbium	172-2	22536	21462	20650	21549	4.39	cps
Ytterbium	176-1	35783	36067	36301	36050	0.72	cps
Ytterbium	176-2	22865	23533	23622	23340	1.77	cps
Yttrium	89-1	13564430	13722009	13086907	13457782	2.46	cps
Yttrium	89-2	1109716	1100815	1080764	1097098	1.35	cps
Zinc	66-2	738359	717595	713939	723297	1.82	cps
Zirconium	90-1	829528	831429	797245	819401	2.34	cps
Zirconium	91-1	187109	183290	177468	182622	2.66	cps

LB Number : LB124432 Operator : Jaswal
 Lab Sample ID : O1829-10DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SS-10-20230306DUPDL Dilution Factor : 5
 Date & Time Acquired : 2023-03-09 15:51:16 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1401595	1414424	1366287	1394102	1.79	cps
Antimony	121-1	11280	11614	11630	11508	1.72	cps
Arsenic	75-2	2626	2570	2444	2546	3.64	cps
Barium	135-1	173674	174468	172477	173540	0.58	cps
Barium	137-1	303369	299486	310081	304312	1.76	cps
Beryllium	9-1	1124	1035	1057	1072	4.30	cps
Bismuth	209-1	6349282	6356357	6399414	6368351	0.43	cps
Bismuth	209-2	2945532	2920842	2887856	2918077	0.99	cps
Boron	10-1	3082	3194	3140	3138	1.78	cps
Boron	11-1	14368	14690	14634	14564	1.18	cps
Bromine	81-1	30374	29492	27405	29090	5.24	cps
Cadmium	111-1	4155	4165	4020	4113	1.97	cps
Cadmium	106-1	4401	4342	4301	4348	1.16	cps
Cadmium	108-1	346	292	296	311	9.69	cps
Calcium	43-1	1899974	1957991	1918354	1925440	1.54	cps
Calcium	44-1	29971647	31591379	30779764	30780930	2.63	cps
Carbon	12-1	3784546	3854721	3851426	3830231	1.03	cps
Carbon	12-2	50178	51223	50989	50797	1.08	cps
Chlorine	35-1	122301374	127651374	126195740	125382829	2.21	cps
Chlorine	35-2	770868	745874	736425	751056	2.37	cps
Chromium	52-2	158688	154238	151302	154743	2.40	cps
Cobalt	59-2	116830	114863	112629	114774	1.83	cps
Copper	63-2	567544	540164	538504	548737	2.97	cps
Dysprosium	156-1	22720	23913	23580	23404	2.63	cps
Dysprosium	156-2	9117	9417	9090	9208	1.97	cps
Erbium	164-1	25842	27646	25959	26483	3.81	cps
Erbium	164-2	9797	9450	9327	9525	2.56	cps
Gadolinium	160-1	24348	25208	24356	24637	2.01	cps
Gadolinium	160-2	10494	10534	10004	10344	2.86	cps
Holmium	165-1	9564401	9710659	9647985	9641015	0.76	cps
Holmium	165-2	3863300	3787825	3838862	3829996	1.01	cps
Indium	115-1	7269637	7331181	7427119	7342646	1.08	cps
Indium	115-2	922833	933970	923159	926654	0.68	cps
Iron	54-2	5266923	5166619	5134059	5189200	1.33	cps
Iron	56-2	96051041	96293855	92766488	95037128	2.07	cps
Iron	57-2	2416556	2401829	2360606	2392997	1.21	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:51:16	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	355	359	354	1.43	cps
Lead	206-1	212475	215577	216414	214822	0.97	cps
Lead	207-1	177235	179989	178961	178728	0.78	cps
Lead	208-1	828422	841567	849742	839910	1.28	cps
Lithium	6-1	2325106	2337063	2315549	2325906	0.46	cps
Magnesium	24-2	2522478	2502710	2373544	2466244	3.28	cps
Manganese	55-2	1028215	999712	999183	1009036	1.65	cps
Molybdenum	94-1	65488	66552	65447	65829	0.95	cps
Molybdenum	95-1	20866	21100	21192	21052	0.80	cps
Molybdenum	96-1	32781	33917	33951	33550	1.98	cps
Molybdenum	97-1	12898	13123	12906	12976	0.98	cps
Molybdenum	98-1	32965	32648	32664	32759	0.55	cps
Neodymium	150-1	29319	30047	29874	29747	1.28	cps
Neodymium	150-2	7949	7916	8052	7972	0.89	cps
Nickel	60-2	306546	296905	298195	300548	1.74	cps
Phosphorus	31-2	2650	2350	2300	2434	7.78	cps
Potassium	39-2	106341	103320	104176	104612	1.49	cps
Rhodium	103-1	6945139	7018583	7191503	7051742	1.79	cps
Rhodium	103-2	2950028	2873541	2926294	2916621	1.34	cps
Scandium	45-1	4907503	4961186	4913454	4927381	0.60	cps
Scandium	45-2	135100	132961	131486	133182	1.36	cps
Selenium	82-1	77	101	90	90	13.26	cps
Selenium	77-2	30	33	37	33	10.01	cps
Selenium	78-2	75	70	66	70	6.41	cps
Silicon	28-1	3861789	3997439	4004798	3954675	2.04	cps
Silver	107-1	3742	3217	3409	3456	7.69	cps
Silver	109-1	3509	3184	3225	3306	5.35	cps
Sodium	23-2	216153	214111	214346	214870	0.52	cps
Strontium	86-1	723648	722736	737341	727908	1.12	cps
Strontium	88-1	6191727	6303829	6327955	6274503	1.16	cps
Sulfur	34-1	314827	310544	308786	311386	1.00	cps
Terbium	159-1	9736845	9824170	9866564	9809193	0.67	cps
Terbium	159-2	3730517	3795683	3754058	3760086	0.88	cps
Thallium	203-1	667	583	583	611	7.87	cps
Thallium	205-1	1467	1717	1583	1589	7.87	cps
Tin	118-1	26793	26301	26869	26654	1.16	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:51:16	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1818028	1922585	1840974	1860529	2.95	cps
Uranium	238-1	17379	18522	17797	17899	3.23	cps
Vanadium	51-2	1065897	1006977	994593	1022489	3.73	cps
Ytterbium	172-1	9278	9937	9437	9551	3.60	cps
Ytterbium	172-2	4262	4106	4145	4171	1.94	cps
Ytterbium	176-1	7886	7869	7869	7875	0.12	cps
Ytterbium	176-2	11717	11516	11561	11598	0.91	cps
Yttrium	89-1	10550202	10926690	10655544	10710812	1.81	cps
Yttrium	89-2	968286	973664	958139	966696	0.82	cps
Zinc	66-2	156847	149090	151280	152406	2.62	cps
Zirconium	90-1	150560	147216	148735	148837	1.13	cps
Zirconium	91-1	32289	32940	33374	32868	1.66	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1346550	1386623	1371564	1368246	1.48	cps
Antimony	121-1	11388	11330	11255	11324	0.59	cps
Arsenic	75-2	2373	2583	2412	2456	4.53	cps
Barium	135-1	170151	174628	175035	173272	1.56	cps
Barium	137-1	297726	302891	307345	302654	1.59	cps
Beryllium	9-1	999	1039	1039	1025	2.25	cps
Bismuth	209-1	6208150	6251519	5653240	6037636	5.53	cps
Bismuth	209-2	2990671	2932936	2860418	2928008	2.23	cps
Boron	10-1	2734	2944	3046	2908	5.47	cps
Boron	11-1	12617	13029	13211	12953	2.35	cps
Bromine	81-1	30094	29261	30164	29839	1.68	cps
Cadmium	111-1	4438	4180	4142	4253	3.79	cps
Cadmium	106-1	4801	4434	4259	4498	6.15	cps
Cadmium	108-1	342	296	271	303	11.87	cps
Calcium	43-1	1962413	1962000	1945425	1956612	0.50	cps
Calcium	44-1	30279062	30403022	30163155	30281746	0.40	cps
Carbon	12-1	3909318	4015747	4181727	4035597	3.40	cps
Carbon	12-2	52996	51374	53146	52505	1.87	cps
Chlorine	35-1	84830062	93277210	96039540	91382271	6.39	cps
Chlorine	35-2	606972	607720	611300	608664	0.38	cps
Chromium	52-2	146564	153526	145960	148683	2.83	cps
Cobalt	59-2	111695	113395	109794	111628	1.61	cps
Copper	63-2	521507	537540	529608	529552	1.51	cps
Dysprosium	156-1	22745	22828	23204	22926	1.07	cps
Dysprosium	156-2	8596	9013	9077	8895	2.93	cps
Erbium	164-1	25383	26168	26151	25901	1.73	cps
Erbium	164-2	8876	9373	8703	8984	3.87	cps
Gadolinium	160-1	24022	23780	25141	24314	2.99	cps
Gadolinium	160-2	9420	10037	9924	9794	3.35	cps
Holmium	165-1	9815369	9863338	8646336	9441681	7.30	cps
Holmium	165-2	3952980	3787807	3908463	3883083	2.20	cps
Indium	115-1	7448811	7419602	6600675	7156362	6.73	cps
Indium	115-2	955642	936339	931312	941097	1.36	cps
Iron	54-2	4958071	5124102	5045089	5042421	1.65	cps
Iron	56-2	91004191	91994163	89805894	90934749	1.21	cps
Iron	57-2	2342596	2385119	2336593	2354769	1.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	320	310	371	334	9.85	cps
Lead	206-1	207788	208891	215477	210719	1.97	cps
Lead	207-1	173879	175635	178394	175970	1.29	cps
Lead	208-1	804203	818223	846402	822943	2.61	cps
Lithium	6-1	2283622	2379996	2094579	2252732	6.45	cps
Magnesium	24-2	2429084	2382882	2362072	2391346	1.43	cps
Manganese	55-2	986423	999092	972104	985873	1.37	cps
Molybdenum	94-1	64124	64426	65338	64629	0.98	cps
Molybdenum	95-1	19606	20357	20632	20199	2.63	cps
Molybdenum	96-1	33474	33553	33525	33517	0.12	cps
Molybdenum	97-1	12464	12598	12781	12614	1.26	cps
Molybdenum	98-1	31353	31144	33307	31935	3.74	cps
Neodymium	150-1	29326	29486	30141	29651	1.46	cps
Neodymium	150-2	7552	7676	7472	7567	1.35	cps
Nickel	60-2	286523	292356	286279	288386	1.19	cps
Phosphorus	31-2	2634	2475	2325	2478	6.22	cps
Potassium	39-2	102498	107250	102111	103953	2.75	cps
Rhodium	103-1	6922803	6954091	6154666	6677186	6.78	cps
Rhodium	103-2	2977840	2924561	2921796	2941399	1.07	cps
Scandium	45-1	5086404	5224842	4502995	4938080	7.76	cps
Scandium	45-2	135418	132211	133798	133809	1.20	cps
Selenium	82-1	96	107	94	99	7.38	cps
Selenium	77-2	23	37	20	27	33.08	cps
Selenium	78-2	65	68	72	68	5.14	cps
Silicon	28-1	3515374	3636415	3641787	3597858	1.99	cps
Silver	107-1	3334	3117	3142	3198	3.71	cps
Silver	109-1	3034	2834	3192	3020	5.95	cps
Sodium	23-2	213470	216780	217839	216030	1.06	cps
Strontium	86-1	708705	710781	722801	714096	1.07	cps
Strontium	88-1	6164215	6215492	6196641	6192116	0.42	cps
Sulfur	34-1	320507	316002	319417	318642	0.74	cps
Terbium	159-1	9684913	9652510	8740828	9359417	5.73	cps
Terbium	159-2	3995523	3911725	3863586	3923611	1.70	cps
Thallium	203-1	525	642	742	636	17.05	cps
Thallium	205-1	1633	1617	1650	1633	1.02	cps
Tin	118-1	25817	26986	26769	26524	2.34	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 15:54:10	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1845195	1862526	1808390	1838704	1.50	cps
Uranium	238-1	17546	17371	17596	17504	0.68	cps
Vanadium	51-2	967901	991072	979193	979389	1.18	cps
Ytterbium	172-1	9254	8862	10054	9390	6.47	cps
Ytterbium	172-2	3834	4156	3856	3949	4.56	cps
Ytterbium	176-1	8069	7619	7552	7747	3.63	cps
Ytterbium	176-2	11405	11794	12034	11744	2.70	cps
Yttrium	89-1	10957890	10996162	9776797	10576950	6.55	cps
Yttrium	89-2	991690	964254	975816	977253	1.41	cps
Zinc	66-2	145693	149851	149689	148411	1.59	cps
Zirconium	90-1	146452	143746	146138	145446	1.02	cps
Zirconium	91-1	32673	31862	32923	32486	1.71	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272042	269161	257390	266198	2.92	cps
Antimony	121-1	2375	2359	2192	2309	4.39	cps
Arsenic	75-2	484	469	492	482	2.42	cps
Barium	135-1	33058	32206	31830	32364	1.94	cps
Barium	137-1	57900	56344	57708	57317	1.48	cps
Beryllium	9-1	242	247	226	239	4.65	cps
Bismuth	209-1	6414307	7020072	6261409	6565263	6.11	cps
Bismuth	209-2	2944684	2916241	2893100	2918008	0.89	cps
Boron	10-1	1296	1416	1358	1356	4.42	cps
Boron	11-1	6164	5824	6136	6041	3.12	cps
Bromine	81-1	28970	28419	29642	29010	2.11	cps
Cadmium	111-1	3190	3379	3008	3192	5.80	cps
Cadmium	106-1	4259	4476	3926	4220	6.57	cps
Cadmium	108-1	83	42	63	63	33.33	cps
Calcium	43-1	356364	359238	358862	358155	0.44	cps
Calcium	44-1	5746558	5670560	5732483	5716534	0.71	cps
Carbon	12-1	3054552	3141816	3036551	3077640	1.83	cps
Carbon	12-2	40114	40348	38317	39593	2.81	cps
Chlorine	35-1	31347347	31581644	31504901	31477964	0.38	cps
Chlorine	35-2	198760	190569	183773	191034	3.93	cps
Chromium	52-2	31121	30042	29310	30158	3.02	cps
Cobalt	59-2	22555	21874	21940	22123	1.70	cps
Copper	63-2	109849	109275	103978	107700	3.01	cps
Dysprosium	156-1	4426	4342	4426	4398	1.09	cps
Dysprosium	156-2	1693	1703	1687	1695	0.50	cps
Erbium	164-1	5101	4834	4584	4840	5.34	cps
Erbium	164-2	1770	1780	1663	1738	3.72	cps
Gadolinium	160-1	4734	4901	4634	4757	2.83	cps
Gadolinium	160-2	2104	1863	1883	1950	6.83	cps
Holmium	165-1	9624905	10692863	9265644	9861137	7.53	cps
Holmium	165-2	3770887	3789026	3815625	3791846	0.59	cps
Indium	115-1	7462375	7900071	7454631	7605692	3.35	cps
Indium	115-2	945611	953190	955175	951325	0.53	cps
Iron	54-2	985510	988824	949002	974445	2.27	cps
Iron	56-2	18563353	18609557	17835057	18335989	2.37	cps
Iron	57-2	459268	444561	434956	446262	2.74	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	290	296	306	7.49	cps
Lead	206-1	40124	39639	40548	40103	1.13	cps
Lead	207-1	33956	34156	33761	33958	0.58	cps
Lead	208-1	155926	156223	159773	157307	1.36	cps
Lithium	6-1	2273064	2380528	2222952	2292181	3.51	cps
Magnesium	24-2	484744	482802	467036	478194	2.03	cps
Manganese	55-2	204581	200000	191986	198855	3.21	cps
Molybdenum	94-1	12147	12990	12840	12659	3.55	cps
Molybdenum	95-1	3751	3926	4026	3901	3.57	cps
Molybdenum	96-1	6535	6268	6060	6288	3.79	cps
Molybdenum	97-1	2417	2350	2192	2320	4.98	cps
Molybdenum	98-1	6377	6202	5910	6163	3.83	cps
Neodymium	150-1	5955	5568	5728	5750	3.38	cps
Neodymium	150-2	1473	1547	1640	1553	5.38	cps
Nickel	60-2	60207	57285	56803	58098	3.17	cps
Phosphorus	31-2	533	600	508	547	8.66	cps
Potassium	39-2	31669	31844	31969	31827	0.47	cps
Rhodium	103-1	6988425	7921113	7018600	7309379	7.25	cps
Rhodium	103-2	2846114	3002606	2958972	2935897	2.75	cps
Scandium	45-1	4986364	5218456	4901903	5035575	3.26	cps
Scandium	45-2	131733	132722	133458	132638	0.65	cps
Selenium	82-1	-19	16	42	13	230.39	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	34	39	44	39	12.82	cps
Silicon	28-1	1051767	1039082	1011534	1034128	1.99	cps
Silver	107-1	942	792	717	817	14.03	cps
Silver	109-1	808	808	700	772	8.10	cps
Sodium	23-2	52520	51567	50012	51366	2.47	cps
Strontium	86-1	135062	136281	136145	135829	0.49	cps
Strontium	88-1	1147178	1159777	1181097	1162684	1.47	cps
Sulfur	34-1	289721	285116	290605	288480	1.02	cps
Terbium	159-1	9628539	10894621	9843282	10122147	6.69	cps
Terbium	159-2	3720700	3750116	3777690	3749502	0.76	cps
Thallium	203-1	142	108	167	139	21.07	cps
Thallium	205-1	433	350	358	381	12.06	cps
Tin	118-1	5226	5351	5134	5237	2.08	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 15:57:01	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	344955	344489	338637	342693	1.03	cps
Uranium	238-1	3326	3159	3409	3298	3.86	cps
Vanadium	51-2	200518	195505	191295	195772	2.36	cps
Ytterbium	172-1	1775	1600	1717	1697	5.25	cps
Ytterbium	172-2	711	822	772	769	7.24	cps
Ytterbium	176-1	2975	2917	2884	2925	1.59	cps
Ytterbium	176-2	8870	9087	9092	9016	1.41	cps
Yttrium	89-1	10745872	12004956	10592585	11114471	6.97	cps
Yttrium	89-2	939257	956159	964873	953430	1.37	cps
Zinc	66-2	31224	30657	29725	30535	2.48	cps
Zirconium	90-1	27879	27077	28455	27804	2.49	cps
Zirconium	91-1	6243	5960	6577	6260	4.93	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6417249	6353461	6276197	6348969	1.11	cps
Antimony	121-1	2089236	2106037	2114125	2103133	0.60	cps
Arsenic	75-2	95552	92794	90702	93016	2.62	cps
Barium	135-1	5422603	5351505	5241672	5338594	1.71	cps
Barium	137-1	9215873	9311300	9085581	9204251	1.23	cps
Beryllium	9-1	783057	791493	767268	780606	1.58	cps
Bismuth	209-1	7357354	7366579	7189192	7304375	1.37	cps
Bismuth	209-2	3144361	3197838	3180275	3174158	0.86	cps
Boron	10-1	98520	102189	107413	102707	4.35	cps
Boron	11-1	434389	479416	497273	470359	6.89	cps
Bromine	81-1	35943	40450	39266	38553	6.06	cps
Cadmium	111-1	940540	944191	927926	937552	0.91	cps
Cadmium	106-1	107628	106578	103581	105929	1.98	cps
Cadmium	108-1	69009	70835	70781	70208	1.48	cps
Calcium	43-1	2366682	2322868	2329880	2339810	1.01	cps
Calcium	44-1	37476830	37376069	36334093	37062331	1.71	cps
Carbon	12-1	29643938	31978818	32221700	31281485	4.55	cps
Carbon	12-2	404416	398689	387849	396984	2.12	cps
Chlorine	35-1	360366291	423746618	443199477	409104129	10.59	cps
Chlorine	35-2	3037813	3043591	3024777	3035394	0.32	cps
Chromium	52-2	2848273	2809375	2777299	2811649	1.26	cps
Cobalt	59-2	2658251	2638098	2602088	2632812	1.08	cps
Copper	63-2	16851924	16246229	15973919	16357357	2.75	cps
Dysprosium	156-1	117199	118305	119862	118455	1.13	cps
Dysprosium	156-2	47384	46829	45812	46675	1.71	cps
Erbium	164-1	122345	124826	123262	123478	1.02	cps
Erbium	164-2	45969	42923	43919	44270	3.51	cps
Gadolinium	160-1	116095	119754	119991	118613	1.84	cps
Gadolinium	160-2	50057	49113	48471	49214	1.62	cps
Holmium	165-1	11388593	11178485	10974943	11180673	1.85	cps
Holmium	165-2	4219506	4112168	4166530	4166068	1.29	cps
Indium	115-1	8446814	8320590	8147950	8305118	1.81	cps
Indium	115-2	1007320	986914	990256	994830	1.10	cps
Iron	54-2	37030294	36937802	36776669	36914922	0.35	cps
Iron	56-2	688060238	686325593	668532682	680972837	1.59	cps
Iron	57-2	17178184	17480722	16538905	17065937	2.82	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	562	597	536	565	5.43	cps
Lead	206-1	16189163	16662401	16199635	16350400	1.65	cps
Lead	207-1	14169035	14244582	14150075	14187897	0.35	cps
Lead	208-1	65114395	66247146	64947337	65436292	1.08	cps
Lithium	6-1	2733690	2666238	2687595	2695841	1.28	cps
Magnesium	24-2	13122915	12958493	12380894	12820767	3.04	cps
Manganese	55-2	9641888	9266604	9114509	9341000	2.91	cps
Molybdenum	94-1	6333666	6248773	6216466	6266302	0.97	cps
Molybdenum	95-1	7089423	7210059	7000428	7099970	1.48	cps
Molybdenum	96-1	7963978	8084572	7947712	7998754	0.93	cps
Molybdenum	97-1	4404541	4388567	4340790	4377966	0.76	cps
Molybdenum	98-1	11152484	11247935	11157407	11185942	0.48	cps
Neodymium	150-1	132981	135661	132629	133757	1.24	cps
Neodymium	150-2	36660	34698	34180	35180	3.72	cps
Nickel	60-2	3180673	3260000	3126226	3188966	2.11	cps
Phosphorus	31-2	17728	16835	17394	17319	2.60	cps
Potassium	39-2	1880469	1815538	1847026	1847678	1.76	cps
Rhodium	103-1	8170421	7630607	7663367	7821465	3.87	cps
Rhodium	103-2	2975232	3017659	3077501	3023464	1.70	cps
Scandium	45-1	6778527	6563347	6433961	6591945	2.64	cps
Scandium	45-2	164551	161854	159790	162065	1.47	cps
Selenium	82-1	80378	81924	82434	81579	1.31	cps
Selenium	77-2	2027	2030	2020	2026	0.25	cps
Selenium	78-2	6588	6476	6265	6443	2.55	cps
Silicon	28-1	33845653	33691809	34825560	34121007	1.80	cps
Silver	107-1	4269537	4431744	4324332	4341871	1.90	cps
Silver	109-1	4140510	4290591	4112463	4181188	2.29	cps
Sodium	23-2	11999048	11836785	11153534	11663122	3.85	cps
Strontium	86-1	1602996	1622640	1560893	1595510	1.98	cps
Strontium	88-1	13484141	13558081	13629523	13557249	0.54	cps
Sulfur	34-1	572514	571518	563042	569025	0.91	cps
Terbium	159-1	11481007	11141911	11212755	11278557	1.59	cps
Terbium	159-2	4274489	4015323	4068645	4119485	3.32	cps
Thallium	203-1	3344438	3348288	3318893	3337206	0.48	cps
Thallium	205-1	7634548	7883827	7774486	7764287	1.61	cps
Tin	118-1	2825844	2848077	2878366	2850763	0.92	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:00:01	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7558752	7654098	7395792	7536214	1.73	cps
Uranium	238-1	11217440	11660181	11356864	11411495	1.98	cps
Vanadium	51-2	5188836	5219461	5069363	5159220	1.54	cps
Ytterbium	172-1	41717	41625	41666	41669	0.11	cps
Ytterbium	172-2	17651	17334	17178	17388	1.39	cps
Ytterbium	176-1	35599	35482	37154	36078	2.59	cps
Ytterbium	176-2	23443	23699	23176	23440	1.12	cps
Yttrium	89-1	14153858	13534151	14040078	13909362	2.37	cps
Yttrium	89-2	1155090	1131242	1137769	1141367	1.08	cps
Zinc	66-2	3766827	3790561	3672201	3743196	1.67	cps
Zirconium	90-1	6579305	6113446	6309244	6333998	3.69	cps
Zirconium	91-1	1412661	1382606	1412681	1402649	1.24	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1211667	1198714	1114572	1174985	4.49	cps
Antimony	121-1	372564	379595	383048	378403	1.41	cps
Arsenic	75-2	16945	16661	16402	16670	1.63	cps
Barium	135-1	931049	948071	946636	941918	1.00	cps
Barium	137-1	1671570	1645288	1688406	1668421	1.30	cps
Beryllium	9-1	142846	143820	143003	143223	0.36	cps
Bismuth	209-1	6528955	6531105	6378989	6479683	1.35	cps
Bismuth	209-2	2938515	2900391	2954362	2931089	0.95	cps
Boron	10-1	24798	26607	25778	25727	3.52	cps
Boron	11-1	115977	117074	119559	117537	1.56	cps
Bromine	81-1	32501	33916	33776	33398	2.33	cps
Cadmium	111-1	178639	177894	178378	178303	0.21	cps
Cadmium	106-1	23170	22619	22911	22900	1.20	cps
Cadmium	108-1	12923	13294	12814	13010	1.93	cps
Calcium	43-1	408050	409552	403363	406988	0.79	cps
Calcium	44-1	6350249	6610521	6459936	6473568	2.02	cps
Carbon	12-1	7990798	8215857	8424721	8210459	2.64	cps
Carbon	12-2	104043	105100	102380	103841	1.32	cps
Chlorine	35-1	121953503	126957090	125776178	124895590	2.09	cps
Chlorine	35-2	788423	766369	750542	768445	2.48	cps
Chromium	52-2	501743	490362	472201	488102	3.05	cps
Cobalt	59-2	458050	453230	445269	452183	1.43	cps
Copper	63-2	3197105	3143588	3091931	3144208	1.67	cps
Dysprosium	156-1	20066	20959	21685	20903	3.88	cps
Dysprosium	156-2	8503	8393	8423	8439	0.67	cps
Erbium	164-1	21677	21585	23129	22130	3.91	cps
Erbium	164-2	8086	7812	7576	7825	3.26	cps
Gadolinium	160-1	21593	19949	20775	20772	3.96	cps
Gadolinium	160-2	9080	8736	8323	8713	4.35	cps
Holmium	165-1	9928201	10073283	9541737	9847740	2.79	cps
Holmium	165-2	3944667	3915427	3848874	3902989	1.26	cps
Indium	115-1	7557013	7791047	7559545	7635869	1.76	cps
Indium	115-2	968859	958686	947148	958231	1.13	cps
Iron	54-2	6889006	6730979	6757920	6792635	1.24	cps
Iron	56-2	127774111	126287328	124118322	126059920	1.46	cps
Iron	57-2	3267784	3212939	3119229	3199984	2.35	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	334	357	371	354	5.36	cps
Lead	206-1	3088204	2994411	3061020	3047879	1.58	cps
Lead	207-1	2676980	2636489	2627172	2646880	1.00	cps
Lead	208-1	12036145	11823922	12184275	12014781	1.51	cps
Lithium	6-1	2376355	2373413	2280336	2343368	2.33	cps
Magnesium	24-2	2407520	2297960	2247202	2317561	3.54	cps
Manganese	55-2	1750703	1725369	1699094	1725055	1.50	cps
Molybdenum	94-1	1102877	1090615	1120768	1104753	1.37	cps
Molybdenum	95-1	1207996	1236633	1237250	1227293	1.36	cps
Molybdenum	96-1	1368976	1426457	1438172	1411202	2.62	cps
Molybdenum	97-1	784288	758056	769307	770551	1.71	cps
Molybdenum	98-1	1978508	1978806	1971447	1976253	0.21	cps
Neodymium	150-1	23554	23047	23154	23252	1.15	cps
Neodymium	150-2	6532	6448	6058	6346	3.98	cps
Nickel	60-2	580631	581101	555282	572338	2.58	cps
Phosphorus	31-2	3134	3200	3259	3198	1.96	cps
Potassium	39-2	346337	332253	331465	336685	2.49	cps
Rhodium	103-1	7109775	7308951	7089151	7169293	1.69	cps
Rhodium	103-2	3018219	2937986	2974619	2976941	1.35	cps
Scandium	45-1	4938899	5271451	4900514	5036955	4.05	cps
Scandium	45-2	136268	137409	134831	136169	0.95	cps
Selenium	82-1	14002	14008	14256	14089	1.03	cps
Selenium	77-2	317	407	320	348	14.67	cps
Selenium	78-2	1166	1162	1151	1160	0.67	cps
Silicon	28-1	6097586	6236890	6310347	6214941	1.74	cps
Silver	107-1	790273	792220	791467	791320	0.12	cps
Silver	109-1	779435	770698	781907	777347	0.76	cps
Sodium	23-2	2138732	2159083	2032863	2110226	3.21	cps
Strontium	86-1	274531	275769	281984	277428	1.44	cps
Strontium	88-1	2368336	2346544	2389603	2368161	0.91	cps
Sulfur	34-1	303339	307076	307362	305925	0.73	cps
Terbium	159-1	9996520	10325841	9707560	10009974	3.09	cps
Terbium	159-2	3819588	3847947	3800008	3822514	0.63	cps
Thallium	203-1	588179	578374	588248	584934	0.97	cps
Thallium	205-1	1397651	1370895	1424998	1397848	1.94	cps
Tin	118-1	499740	499870	523297	507636	2.67	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:02:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1357587	1417018	1388868	1387825	2.14	cps
Uranium	238-1	2082255	1999583	2111146	2064328	2.80	cps
Vanadium	51-2	922732	908101	889390	906741	1.84	cps
Ytterbium	172-1	7102	7502	7761	7455	4.45	cps
Ytterbium	172-2	3295	3234	3050	3193	3.99	cps
Ytterbium	176-1	8094	7786	7694	7858	2.67	cps
Ytterbium	176-2	11344	11172	11627	11381	2.02	cps
Yttrium	89-1	10664919	11152426	10763635	10860327	2.37	cps
Yttrium	89-2	981215	974289	970083	975196	0.58	cps
Zinc	66-2	709006	691064	682945	694338	1.92	cps
Zirconium	90-1	1049562	1101427	1091748	1080913	2.55	cps
Zirconium	91-1	243155	243139	245833	244042	0.64	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1369063	1335918	1316444	1340475	1.98	cps
Antimony	121-1	378928	379718	383709	380785	0.67	cps
Arsenic	75-2	17099	16661	16254	16672	2.54	cps
Barium	135-1	875024	900865	899579	891823	1.63	cps
Barium	137-1	1578371	1583173	1624587	1595377	1.59	cps
Beryllium	9-1	140148	141659	142168	141325	0.74	cps
Bismuth	209-1	6849409	6473097	6240477	6520994	4.71	cps
Bismuth	209-2	2919434	2790147	2827362	2845648	2.34	cps
Boron	10-1	21972	23845	24828	23548	6.16	cps
Boron	11-1	98934	107162	107440	104512	4.62	cps
Bromine	81-1	32100	29090	30846	30679	4.93	cps
Cadmium	111-1	170675	171241	171611	171176	0.28	cps
Cadmium	106-1	21150	22577	22477	22068	3.61	cps
Cadmium	108-1	12422	12206	12731	12453	2.12	cps
Calcium	43-1	396449	398810	397766	397675	0.30	cps
Calcium	44-1	6330195	6539812	6522607	6464205	1.80	cps
Carbon	12-1	6791984	6982042	7022673	6932233	1.78	cps
Carbon	12-2	89472	90798	87980	89417	1.58	cps
Chlorine	35-1	84197237	93914327	96646994	91586186	7.14	cps
Chlorine	35-2	633077	629428	635354	632620	0.47	cps
Chromium	52-2	402922	396917	389268	396369	1.73	cps
Cobalt	59-2	398582	386043	383455	389360	2.08	cps
Copper	63-2	2904362	2863164	2746470	2837998	2.89	cps
Dysprosium	156-1	20708	20675	21301	20895	1.69	cps
Dysprosium	156-2	8346	8279	7729	8118	4.17	cps
Erbium	164-1	22645	22587	22778	22670	0.43	cps
Erbium	164-2	8259	8089	7972	8107	1.78	cps
Gadolinium	160-1	21201	20525	19707	20477	3.65	cps
Gadolinium	160-2	9197	8916	8366	8826	4.79	cps
Holmium	165-1	10422704	10270766	9665891	10119787	3.96	cps
Holmium	165-2	3865812	3886740	3808365	3853639	1.05	cps
Indium	115-1	8213155	7673318	7348280	7744917	5.64	cps
Indium	115-2	955785	947229	919646	940887	2.01	cps
Iron	54-2	6733460	6659585	6424865	6605970	2.44	cps
Iron	56-2	122460839	119821880	118899747	120394155	1.54	cps
Iron	57-2	3100097	3103137	3064238	3089157	0.70	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	320	344	347	337	4.42	cps
Lead	206-1	2759297	2858152	2821529	2812993	1.78	cps
Lead	207-1	2440354	2493975	2383107	2439145	2.27	cps
Lead	208-1	11026624	11266682	11155348	11149551	1.08	cps
Lithium	6-1	2423201	2366840	2257215	2349085	3.59	cps
Magnesium	24-2	2558249	2554032	2438598	2516960	2.70	cps
Manganese	55-2	1775386	1752809	1648325	1725507	3.93	cps
Molybdenum	94-1	1038200	1060362	1056255	1051606	1.12	cps
Molybdenum	95-1	1145509	1180969	1176204	1167560	1.65	cps
Molybdenum	96-1	1312538	1387298	1335443	1345093	2.85	cps
Molybdenum	97-1	714847	734778	720414	723346	1.42	cps
Molybdenum	98-1	1821586	1904360	1874910	1866952	2.25	cps
Neodymium	150-1	23040	23795	23334	23390	1.63	cps
Neodymium	150-2	6332	6111	6148	6197	1.90	cps
Nickel	60-2	442745	432027	415226	429999	3.23	cps
Phosphorus	31-2	2984	2967	2675	2875	6.03	cps
Potassium	39-2	334985	335875	337395	336085	0.36	cps
Rhodium	103-1	7568340	7353486	6895640	7272489	4.72	cps
Rhodium	103-2	3042320	3072565	2827543	2980809	4.48	cps
Scandium	45-1	5438296	5271044	5099681	5269674	3.21	cps
Scandium	45-2	136797	135897	136149	136281	0.34	cps
Selenium	82-1	13455	13844	14215	13838	2.74	cps
Selenium	77-2	403	360	347	370	8.01	cps
Selenium	78-2	1155	1199	1125	1160	3.21	cps
Silicon	28-1	7335810	7824096	8025115	7728340	4.59	cps
Silver	107-1	811504	820516	821525	817848	0.67	cps
Silver	109-1	793848	797840	793896	795195	0.29	cps
Sodium	23-2	2128627	2131671	2106731	2122343	0.64	cps
Strontium	86-1	264182	271060	267582	267608	1.29	cps
Strontium	88-1	2315503	2382634	2426269	2374802	2.35	cps
Sulfur	34-1	284106	288433	284116	285552	0.87	cps
Terbium	159-1	11108130	10414926	9518512	10347189	7.70	cps
Terbium	159-2	3956398	3875794	3597175	3809789	4.95	cps
Thallium	203-1	546440	560463	584033	563645	3.37	cps
Thallium	205-1	1343130	1379356	1333521	1352002	1.79	cps
Tin	118-1	477319	497431	501068	491939	2.60	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:05:43	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1418727	1493315	1480175	1464072	2.72	cps
Uranium	238-1	1978373	1990359	1978762	1982498	0.34	cps
Vanadium	51-2	946394	937191	920178	934588	1.42	cps
Ytterbium	172-1	7527	8028	8169	7908	4.27	cps
Ytterbium	172-2	3400	3306	3312	3339	1.59	cps
Ytterbium	176-1	8169	7894	8078	8047	1.74	cps
Ytterbium	176-2	11322	11483	11666	11490	1.50	cps
Yttrium	89-1	12477512	11771754	11031556	11760274	6.15	cps
Yttrium	89-2	981493	974861	945480	967278	1.98	cps
Zinc	66-2	568014	566890	556178	563694	1.16	cps
Zirconium	90-1	1083312	1095810	1116406	1098509	1.52	cps
Zirconium	91-1	239669	244650	243827	242715	1.10	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2131933	2052759	2056874	2080522	2.14	cps
Antimony	121-1	2483905	2380421	2499638	2454655	2.64	cps
Arsenic	75-2	67916	67238	66167	67107	1.31	cps
Barium	135-1	3196204	3066826	3255702	3172910	3.04	cps
Barium	137-1	5537385	5336279	5541234	5471633	2.14	cps
Beryllium	9-1	658540	650381	671581	660167	1.62	cps
Bismuth	209-1	5344689	5319124	4804730	5156181	5.91	cps
Bismuth	209-2	2609236	2644854	2649368	2634486	0.83	cps
Boron	10-1	85193	92409	96931	91511	6.47	cps
Boron	11-1	382666	405927	437942	408845	6.79	cps
Bromine	81-1	26693	28378	26562	27211	3.72	cps
Cadmium	111-1	703396	700562	713507	705822	0.96	cps
Cadmium	106-1	80158	79597	80996	80251	0.88	cps
Cadmium	108-1	53483	54901	55009	54464	1.56	cps
Calcium	43-1	4255371	4253066	4390162	4299533	1.83	cps
Calcium	44-1	66562640	69414013	69378978	68451877	2.39	cps
Carbon	12-1	3251206	3513162	3464284	3409551	4.09	cps
Carbon	12-2	47770	48614	49024	48470	1.32	cps
Chlorine	35-1	7471018	7325509	7168892	7321806	2.06	cps
Chlorine	35-2	45397	45322	44118	44945	1.60	cps
Chromium	52-2	677738	668147	666575	670820	0.90	cps
Cobalt	59-2	1284215	1249300	1247225	1260247	1.65	cps
Copper	63-2	10523324	10270179	10270509	10354671	1.41	cps
Dysprosium	156-1	658	617	733	669	8.83	cps
Dysprosium	156-2	267	270	330	289	12.34	cps
Erbium	164-1	150	50	117	106	48.24	cps
Erbium	164-2	43	57	30	43	30.77	cps
Gadolinium	160-1	675	775	633	694	10.49	cps
Gadolinium	160-2	470	360	380	403	14.53	cps
Holmium	165-1	8509447	8895749	8040991	8482062	5.05	cps
Holmium	165-2	3865480	3810102	3803969	3826517	0.89	cps
Indium	115-1	6309300	6715212	5817313	6280608	7.16	cps
Indium	115-2	910463	929523	904154	914713	1.44	cps
Iron	54-2	7865183	7667585	7723451	7752073	1.31	cps
Iron	56-2	143277881	143497037	141456714	142743877	0.78	cps
Iron	57-2	3745796	3565040	3538317	3616384	3.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	284	349	305	312	10.61	cps
Lead	206-1	11595735	11207923	11892714	11565457	2.97	cps
Lead	207-1	10250412	9998660	10411625	10220232	2.04	cps
Lead	208-1	47161944	45935268	47378994	46825402	1.66	cps
Lithium	6-1	2072366	2005206	1841453	1973008	6.02	cps
Magnesium	24-2	29086108	29232859	28350877	28889948	1.64	cps
Manganese	55-2	3720671	3676150	3598736	3665186	1.68	cps
Molybdenum	94-1	10149859	9924747	10492951	10189186	2.81	cps
Molybdenum	95-1	14461620	14500913	15276526	14746353	3.12	cps
Molybdenum	96-1	16136176	16437583	16867715	16480492	2.23	cps
Molybdenum	97-1	9149716	9223215	9368163	9247031	1.20	cps
Molybdenum	98-1	23666712	22946595	24453884	23689064	3.18	cps
Neodymium	150-1	333	353	327	338	4.11	cps
Neodymium	150-2	20	3	13	12	68.66	cps
Nickel	60-2	348610	347791	343331	346577	0.82	cps
Phosphorus	31-2	24062	22810	23762	23545	2.78	cps
Potassium	39-2	9226239	9025485	8863188	9038304	2.01	cps
Rhodium	103-1	6132877	6288750	5557617	5993082	6.43	cps
Rhodium	103-2	2687678	2759912	2676301	2707964	1.67	cps
Scandium	45-1	4280053	4667650	3934224	4293976	8.54	cps
Scandium	45-2	131258	133313	131908	132160	0.79	cps
Selenium	82-1	60742	59275	62756	60924	2.87	cps
Selenium	77-2	1673	1840	1613	1709	6.87	cps
Selenium	78-2	5535	5667	5519	5573	1.46	cps
Silicon	28-1	2471427	2538802	2658784	2556338	3.71	cps
Silver	107-1	3469625	3436665	3646737	3517676	3.21	cps
Silver	109-1	3325115	3393296	3473852	3397421	2.19	cps
Sodium	23-2	52361266	52249182	52469262	52359903	0.21	cps
Strontium	86-1	21229681	22053062	21987589	21756777	2.10	cps
Strontium	88-1	188825483	186006646	191173546	188668558	1.37	cps
Sulfur	34-1	628461	626084	631320	628621	0.42	cps
Terbium	159-1	8779069	8852034	8066264	8565789	5.07	cps
Terbium	159-2	3678363	3700608	3676720	3685230	0.36	cps
Thallium	203-1	2807850	2725480	2823327	2785552	1.89	cps
Thallium	205-1	6679714	6375142	6577386	6544081	2.37	cps
Tin	118-1	2293924	2245325	2288146	2275798	1.17	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:12:28	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4033606	4056786	4237990	4109461	2.72	cps
Uranium	238-1	9371668	9363119	9389515	9374768	0.14	cps
Vanadium	51-2	534270	523730	517476	525159	1.62	cps
Ytterbium	172-1	275	225	308	269	15.57	cps
Ytterbium	172-2	117	100	150	122	20.83	cps
Ytterbium	176-1	12590	12748	12289	12542	1.86	cps
Ytterbium	176-2	13513	13958	13830	13767	1.66	cps
Yttrium	89-1	9594679	9866400	8600128	9353736	7.13	cps
Yttrium	89-2	949674	957480	944687	950614	0.68	cps
Zinc	66-2	1191656	1188210	1173566	1184477	0.81	cps
Zirconium	90-1	4771456	4951781	5023240	4915492	2.64	cps
Zirconium	91-1	1072094	1049674	1099720	1073829	2.33	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	72	101	84	17.97	cps
Antimony	121-1	308	242	383	311	22.78	cps
Arsenic	75-2	4	3	2	3	33.33	cps
Barium	135-1	133	25	50	69	81.69	cps
Barium	137-1	200	92	83	125	52.07	cps
Beryllium	9-1	66	51	39	52	26.43	cps
Bismuth	209-1	4410378	5558272	5692681	5220444	13.50	cps
Bismuth	209-2	2832960	2823282	2885240	2847161	1.17	cps
Boron	10-1	2142	2116	1968	2075	4.52	cps
Boron	11-1	9187	8995	8873	9018	1.76	cps
Bromine	81-1	28489	26282	27646	27472	4.05	cps
Cadmium	111-1	1835	2385	2307	2176	13.68	cps
Cadmium	106-1	2567	3359	3242	3056	13.99	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	280	150	149	193	39.10	cps
Calcium	44-1	10970	8792	8633	9465	13.80	cps
Carbon	12-1	2856417	2894184	2818674	2856425	1.32	cps
Carbon	12-2	37164	37683	37766	37538	0.87	cps
Chlorine	35-1	3363591	3356087	3210719	3310132	2.60	cps
Chlorine	35-2	21775	21058	20799	21211	2.39	cps
Chromium	52-2	460	363	467	430	13.45	cps
Cobalt	59-2	50	43	57	50	13.34	cps
Copper	63-2	973	973	877	941	5.93	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	8	75	33	108.97	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	100	130	130	120	14.43	cps
Holmium	165-1	6840159	8530574	8658636	8009790	12.67	cps
Holmium	165-2	3753560	3675185	3839804	3756183	2.19	cps
Indium	115-1	5295768	6666433	6790571	6250924	13.27	cps
Indium	115-2	942378	946112	946713	945067	0.25	cps
Iron	54-2	517	683	578	593	14.23	cps
Iron	56-2	6002	5785	6101	5963	2.72	cps
Iron	57-2	178	206	194	193	7.26	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	319	249	299	289	12.49	cps
Lead	206-1	1156	822	700	893	26.42	cps
Lead	207-1	906	578	539	674	29.88	cps
Lead	208-1	4539	3172	2811	3508	25.99	cps
Lithium	6-1	1705129	2025749	2104438	1945105	10.87	cps
Magnesium	24-2	358	292	350	333	10.90	cps
Manganese	55-2	143	150	143	146	2.64	cps
Molybdenum	94-1	592	383	425	467	23.62	cps
Molybdenum	95-1	675	325	233	411	56.70	cps
Molybdenum	96-1	908	425	242	525	65.60	cps
Molybdenum	97-1	592	158	167	306	81.10	cps
Molybdenum	98-1	1525	450	408	795	79.68	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	20	33	24	31.49	cps
Phosphorus	31-2	100	58	75	78	26.96	cps
Potassium	39-2	14658	14324	15200	14727	3.00	cps
Rhodium	103-1	5243270	6475963	6624510	6114581	12.40	cps
Rhodium	103-2	2859346	2878406	2894246	2877333	0.61	cps
Scandium	45-1	3576606	4494967	4608999	4226857	13.39	cps
Scandium	45-2	132539	135305	136075	134640	1.38	cps
Selenium	82-1	32	19	-21	10	279.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	36	41	38	38	6.57	cps
Silicon	28-1	441535	427420	421037	429998	2.44	cps
Silver	107-1	458	317	200	325	39.81	cps
Silver	109-1	433	233	200	289	43.68	cps
Sodium	23-2	9728	10362	10396	10162	3.70	cps
Strontium	86-1	1267	583	608	819	47.29	cps
Strontium	88-1	6702	1734	1292	3242	92.65	cps
Sulfur	34-1	274005	272860	270354	272406	0.69	cps
Terbium	159-1	6794453	8350527	8787646	7977542	13.13	cps
Terbium	159-2	3776157	3780828	3755883	3770956	0.35	cps
Thallium	203-1	358	325	267	317	14.65	cps
Thallium	205-1	750	600	783	711	13.73	cps
Tin	118-1	400	350	275	342	18.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:23:01	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	125	133	175	45.43	cps
Uranium	238-1	442	158	67	222	87.97	cps
Vanadium	51-2	43	40	20	34	36.64	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	172-2	33	11	6	17	88.17	cps
Ytterbium	176-1	1117	1517	1383	1339	15.21	cps
Ytterbium	176-2	8275	8914	8920	8703	4.26	cps
Yttrium	89-1	7846756	9524533	9784905	9052065	11.62	cps
Yttrium	89-2	941641	942715	945899	943418	0.23	cps
Zinc	66-2	240	243	270	251	6.55	cps
Zirconium	90-1	733	508	625	622	18.09	cps
Zirconium	91-1	117	125	158	133	16.54	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7472961	7194259	7268927	7312049	1.97	cps
Antimony	121-1	2174101	2224557	2248218	2215625	1.71	cps
Arsenic	75-2	93256	90035	87478	90256	3.21	cps
Barium	135-1	5156062	5165137	5185740	5168979	0.29	cps
Barium	137-1	8965855	8810320	8889478	8888551	0.87	cps
Beryllium	9-1	797692	805396	773756	792281	2.08	cps
Bismuth	209-1	7074563	6983582	7231623	7096589	1.77	cps
Bismuth	209-2	3315909	3241222	3179940	3245690	2.10	cps
Boron	10-1	97736	107515	106370	103874	5.15	cps
Boron	11-1	431120	484467	487311	467633	6.77	cps
Bromine	81-1	35362	37730	37760	36950	3.72	cps
Cadmium	111-1	902298	936821	934329	924483	2.08	cps
Cadmium	106-1	101817	104127	105010	103652	1.59	cps
Cadmium	108-1	66720	68620	67443	67594	1.42	cps
Calcium	43-1	2239711	2215759	2279754	2245075	1.44	cps
Calcium	44-1	36222685	36101815	35922560	36082353	0.42	cps
Carbon	12-1	26235741	29565134	28781144	28194006	6.17	cps
Carbon	12-2	353927	351557	353550	353011	0.36	cps
Chlorine	35-1	322571457	384325625	408277751	371724944	11.90	cps
Chlorine	35-2	2874844	2908440	2871834	2885039	0.70	cps
Chromium	52-2	2253641	2263929	2184329	2233967	1.94	cps
Cobalt	59-2	2207156	2192392	2093705	2164418	2.85	cps
Copper	63-2	14906434	14705189	14257508	14623044	2.27	cps
Dysprosium	156-1	114245	117627	111498	114457	2.68	cps
Dysprosium	156-2	45454	43809	44283	44515	1.90	cps
Erbium	164-1	121287	126973	128697	125652	3.09	cps
Erbium	164-2	45030	44123	44310	44488	1.08	cps
Gadolinium	160-1	111290	114878	118670	114946	3.21	cps
Gadolinium	160-2	50145	48164	47685	48665	2.68	cps
Holmium	165-1	10562323	10742297	11023852	10776158	2.16	cps
Holmium	165-2	4222813	4158846	4114422	4165360	1.31	cps
Indium	115-1	8116986	8241542	8419073	8259200	1.84	cps
Indium	115-2	1005562	1018169	1009574	1011102	0.64	cps
Iron	54-2	35802909	35260988	34124238	35062712	2.44	cps
Iron	56-2	658319948	629938636	627896770	638718451	2.66	cps
Iron	57-2	16393748	16099466	16115250	16202821	1.02	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	587	525	539	550	5.97	cps
Lead	206-1	15225953	15591568	15404240	15407254	1.19	cps
Lead	207-1	12875441	13228794	13247774	13117336	1.60	cps
Lead	208-1	60466151	61244839	60934555	60881848	0.64	cps
Lithium	6-1	2596052	2604482	2727055	2642530	2.77	cps
Magnesium	24-2	13627893	13129656	13367540	13375030	1.86	cps
Manganese	55-2	9409362	9110544	8916377	9145428	2.72	cps
Molybdenum	94-1	5922504	5985014	5887680	5931733	0.83	cps
Molybdenum	95-1	6449687	6735779	6514339	6566602	2.28	cps
Molybdenum	96-1	7256156	7718511	7688071	7554246	3.42	cps
Molybdenum	97-1	4074375	4189648	4116102	4126708	1.41	cps
Molybdenum	98-1	10533974	10777311	10509884	10607056	1.39	cps
Neodymium	150-1	131628	131332	133511	132157	0.89	cps
Neodymium	150-2	35581	35220	33896	34899	2.54	cps
Nickel	60-2	2498704	2482977	2386037	2455906	2.48	cps
Phosphorus	31-2	16310	15809	15484	15867	2.62	cps
Potassium	39-2	1864070	1839364	1831247	1844894	0.93	cps
Rhodium	103-1	7412399	7404132	7884827	7567119	3.64	cps
Rhodium	103-2	3077466	2956329	3066806	3033534	2.21	cps
Scandium	45-1	6443869	6573283	6889401	6635518	3.45	cps
Scandium	45-2	173537	173371	170980	172629	0.83	cps
Selenium	82-1	78215	80105	78407	78909	1.32	cps
Selenium	77-2	2207	2044	2017	2089	4.92	cps
Selenium	78-2	6433	6282	6140	6285	2.33	cps
Silicon	28-1	39813942	41203884	38320513	39779446	3.62	cps
Silver	107-1	4554781	4584482	4417271	4518845	1.97	cps
Silver	109-1	4247158	4465527	4253201	4321962	2.88	cps
Sodium	23-2	11549099	11503439	11292367	11448302	1.20	cps
Strontium	86-1	1540042	1613407	1553410	1568953	2.49	cps
Strontium	88-1	12990292	13757254	13020549	13256032	3.28	cps
Sulfur	34-1	495036	500474	481994	492501	1.93	cps
Terbium	159-1	10746623	10857123	11316509	10973418	2.75	cps
Terbium	159-2	4162990	4000468	4036509	4066656	2.10	cps
Thallium	203-1	3267516	3279181	3239526	3262074	0.62	cps
Thallium	205-1	7374367	7820947	7776095	7657136	3.21	cps
Tin	118-1	2740393	2917203	2762119	2806572	3.44	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-12	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:30:41	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8313763	8262962	8043248	8206658	1.75	cps
Uranium	238-1	10941997	11158831	11153256	11084695	1.12	cps
Vanadium	51-2	5284836	5305475	5022283	5204198	3.03	cps
Ytterbium	172-1	42854	47294	46566	45571	5.23	cps
Ytterbium	172-2	18925	18980	18363	18756	1.82	cps
Ytterbium	176-1	37095	37813	38858	37922	2.34	cps
Ytterbium	176-2	24584	24518	24662	24588	0.29	cps
Yttrium	89-1	13203516	13489892	13898238	13530549	2.58	cps
Yttrium	89-2	1179092	1150375	1158353	1162607	1.28	cps
Zinc	66-2	3079331	3117088	2934752	3043724	3.16	cps
Zirconium	90-1	6091764	6480321	6077241	6216442	3.68	cps
Zirconium	91-1	1396228	1416013	1378338	1396860	1.35	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6384568	6429649	6309645	6374621	0.95	cps
Antimony	121-1	2185494	2241214	2219351	2215353	1.27	cps
Arsenic	75-2	92555	90118	88916	90530	2.05	cps
Barium	135-1	5193085	5193385	5213212	5199894	0.22	cps
Barium	137-1	9127128	9079913	8676424	8961155	2.76	cps
Beryllium	9-1	782067	777146	751143	770119	2.16	cps
Bismuth	209-1	7152546	7108688	7146604	7135946	0.33	cps
Bismuth	209-2	3040935	3109747	3041546	3064076	1.29	cps
Boron	10-1	106558	111782	112230	110190	2.86	cps
Boron	11-1	483065	507708	523658	504810	4.05	cps
Bromine	81-1	34538	36736	38252	36509	5.11	cps
Cadmium	111-1	928132	943561	916864	929519	1.44	cps
Cadmium	106-1	107528	105672	102288	105163	2.53	cps
Cadmium	108-1	70203	69302	68770	69425	1.04	cps
Calcium	43-1	2209390	2273902	2247505	2243599	1.45	cps
Calcium	44-1	37281429	36748363	35678492	36569428	2.23	cps
Carbon	12-1	29883273	32063806	32605775	31517618	4.57	cps
Carbon	12-2	404379	403433	394492	400768	1.36	cps
Chlorine	35-1	414435093	454310527	469284360	446009993	6.36	cps
Chlorine	35-2	3063883	3146557	3175315	3128585	1.85	cps
Chromium	52-2	2649399	2620540	2637386	2635775	0.55	cps
Cobalt	59-2	2401308	2433337	2429653	2421432	0.72	cps
Copper	63-2	15769374	15333230	15227343	15443316	1.86	cps
Dysprosium	156-1	119216	116012	117600	117609	1.36	cps
Dysprosium	156-2	45424	46039	45093	45519	1.06	cps
Erbium	164-1	122773	124522	120990	122762	1.44	cps
Erbium	164-2	42859	43461	42287	42869	1.37	cps
Gadolinium	160-1	115433	117996	117862	117097	1.23	cps
Gadolinium	160-2	48665	48696	47588	48316	1.31	cps
Holmium	165-1	11237234	10655241	10658026	10850167	3.09	cps
Holmium	165-2	4190026	4130510	4144678	4155071	0.75	cps
Indium	115-1	8236103	8492818	8313742	8347554	1.58	cps
Indium	115-2	967820	988262	976427	977503	1.05	cps
Iron	54-2	35865548	35806174	35688711	35786811	0.25	cps
Iron	56-2	650035948	656354526	644096592	650162355	0.94	cps
Iron	57-2	16691475	16811242	15913119	16471945	2.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	592	517	609	573	8.50	cps
Lead	206-1	15869530	15914420	16665621	16149857	2.77	cps
Lead	207-1	13786781	13573028	13969449	13776420	1.44	cps
Lead	208-1	64168297	63311414	65397822	64292511	1.63	cps
Lithium	6-1	2775581	2782206	2796448	2784745	0.38	cps
Magnesium	24-2	12739686	12448909	12439044	12542546	1.36	cps
Manganese	55-2	9179411	8982100	8917072	9026194	1.51	cps
Molybdenum	94-1	5965866	5986161	5939661	5963896	0.39	cps
Molybdenum	95-1	6753565	6778344	6788413	6773440	0.26	cps
Molybdenum	96-1	7707916	7852358	7637737	7732670	1.42	cps
Molybdenum	97-1	4215786	4229630	4167640	4204352	0.77	cps
Molybdenum	98-1	10987493	10974124	10914606	10958741	0.35	cps
Neodymium	150-1	131695	129991	130483	130723	0.67	cps
Neodymium	150-2	34294	34434	33178	33969	2.03	cps
Nickel	60-2	3007538	3025532	2931343	2988137	1.67	cps
Phosphorus	31-2	16443	15884	15926	16084	1.94	cps
Potassium	39-2	1789527	1780357	1743101	1770995	1.39	cps
Rhodium	103-1	7859154	7706721	7383148	7649674	3.18	cps
Rhodium	103-2	3025727	3098364	3034006	3052699	1.30	cps
Scandium	45-1	6610784	6499769	6449160	6519904	1.27	cps
Scandium	45-2	161364	165165	162455	162995	1.20	cps
Selenium	82-1	78411	80185	79989	79528	1.22	cps
Selenium	77-2	1907	1950	1973	1943	1.74	cps
Selenium	78-2	6430	6319	5971	6240	3.84	cps
Silicon	28-1	31484861	30706931	29855864	30682552	2.66	cps
Silver	107-1	4484541	4550083	4659601	4564741	1.94	cps
Silver	109-1	4415369	4414795	4342400	4390854	0.96	cps
Sodium	23-2	11512474	11196388	10965309	11224724	2.45	cps
Strontium	86-1	1548420	1551880	1485883	1528727	2.43	cps
Strontium	88-1	13269996	12727467	12983275	12993579	2.09	cps
Sulfur	34-1	521327	534033	514613	523324	1.88	cps
Terbium	159-1	11502221	11285103	11037450	11274925	2.06	cps
Terbium	159-2	4099813	4150836	4128774	4126475	0.62	cps
Thallium	203-1	3293233	3231615	3313561	3279470	1.30	cps
Thallium	205-1	7723006	7779621	7819012	7773879	0.62	cps
Tin	118-1	2749692	2788022	2775000	2770905	0.70	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10A	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:33:30	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7677470	7648915	7484744	7603710	1.37	cps
Uranium	238-1	11458874	11405334	11194262	11352823	1.23	cps
Vanadium	51-2	5147246	5049124	4977473	5057947	1.69	cps
Ytterbium	172-1	42444	40580	41700	41575	2.26	cps
Ytterbium	172-2	17734	16705	16894	17111	3.20	cps
Ytterbium	176-1	36518	35950	35908	36125	0.94	cps
Ytterbium	176-2	23916	23532	23677	23709	0.82	cps
Yttrium	89-1	14168216	13659066	13552950	13793410	2.38	cps
Yttrium	89-2	1133281	1132230	1134192	1133234	0.09	cps
Zinc	66-2	3572918	3512806	3400535	3495419	2.50	cps
Zirconium	90-1	6167705	6115584	5924140	6069143	2.11	cps
Zirconium	91-1	1341483	1362990	1318155	1340876	1.67	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217770	1201263	1214382	1211139	0.72	cps
Antimony	121-1	369588	372559	371986	371378	0.42	cps
Arsenic	75-2	17106	16357	16041	16501	3.32	cps
Barium	135-1	893581	898267	900347	897398	0.39	cps
Barium	137-1	1586597	1632408	1586483	1601829	1.65	cps
Beryllium	9-1	140938	142179	145003	142707	1.46	cps
Bismuth	209-1	6760598	6466862	6424157	6550539	2.80	cps
Bismuth	209-2	2785810	3021342	2941136	2916096	4.11	cps
Boron	10-1	27015	28244	28917	28059	3.44	cps
Boron	11-1	123363	126502	131532	127132	3.24	cps
Bromine	81-1	31719	31408	29913	31013	3.11	cps
Cadmium	111-1	168381	172044	171605	170677	1.17	cps
Cadmium	106-1	22068	22644	22436	22383	1.30	cps
Cadmium	108-1	12664	12602	12639	12635	0.25	cps
Calcium	43-1	390915	394983	398628	394842	0.98	cps
Calcium	44-1	6469667	6423369	6488437	6460491	0.52	cps
Carbon	12-1	8172567	8715221	8534233	8474007	3.26	cps
Carbon	12-2	108550	107795	108053	108133	0.36	cps
Chlorine	35-1	125871382	128806090	130420257	128365910	1.80	cps
Chlorine	35-2	795654	794283	761938	783958	2.43	cps
Chromium	52-2	463372	462989	445196	457186	2.27	cps
Cobalt	59-2	439452	430510	420520	430160	2.20	cps
Copper	63-2	3128785	2925716	2968773	3007758	3.56	cps
Dysprosium	156-1	20591	20775	20867	20745	0.68	cps
Dysprosium	156-2	8693	8199	7959	8284	4.52	cps
Erbium	164-1	21243	20858	20917	21006	0.99	cps
Erbium	164-2	7722	7959	7556	7746	2.62	cps
Gadolinium	160-1	20333	20391	20825	20516	1.31	cps
Gadolinium	160-2	8733	8559	8499	8597	1.41	cps
Holmium	165-1	10101518	9916209	9453830	9823852	3.40	cps
Holmium	165-2	3835223	3824768	3938221	3866071	1.62	cps
Indium	115-1	7642622	7230394	7256024	7376347	3.13	cps
Indium	115-2	926489	951930	930231	936217	1.47	cps
Iron	54-2	6751421	6856559	6462772	6690250	3.05	cps
Iron	56-2	125923075	123401664	118204180	122509640	3.21	cps
Iron	57-2	3210501	3145140	3022170	3125937	3.06	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	327	351	322	334	4.60	cps
Lead	206-1	2882058	2892808	2922715	2899194	0.73	cps
Lead	207-1	2497828	2591726	2536303	2541952	1.86	cps
Lead	208-1	11328301	11759931	11674297	11587509	1.97	cps
Lithium	6-1	2470089	2398703	2381634	2416809	1.94	cps
Magnesium	24-2	2517859	2451161	2356110	2441710	3.33	cps
Manganese	55-2	1754881	1715869	1673705	1714818	2.37	cps
Molybdenum	94-1	1074540	1093013	1083137	1083563	0.85	cps
Molybdenum	95-1	1184401	1202980	1210351	1199244	1.12	cps
Molybdenum	96-1	1361392	1384583	1377481	1374485	0.86	cps
Molybdenum	97-1	745650	751415	764272	753779	1.26	cps
Molybdenum	98-1	1935674	1982158	1963011	1960281	1.19	cps
Neodymium	150-1	23241	22740	23448	23143	1.57	cps
Neodymium	150-2	6495	6208	5975	6226	4.19	cps
Nickel	60-2	538213	538675	516474	531121	2.39	cps
Phosphorus	31-2	3300	3000	2892	3064	6.90	cps
Potassium	39-2	335714	333260	332734	333903	0.48	cps
Rhodium	103-1	7317749	7229380	7175020	7240716	0.99	cps
Rhodium	103-2	2872280	2926942	2951323	2916848	1.39	cps
Scandium	45-1	5454338	5031907	5120775	5202340	4.28	cps
Scandium	45-2	132675	137903	134064	134881	2.01	cps
Selenium	82-1	13714	14021	13888	13874	1.11	cps
Selenium	77-2	303	370	283	319	14.23	cps
Selenium	78-2	1185	1183	1114	1161	3.48	cps
Silicon	28-1	5589128	5872701	5803128	5754986	2.57	cps
Silver	107-1	810307	841519	843431	831752	2.24	cps
Silver	109-1	782175	799591	804416	795394	1.47	cps
Sodium	23-2	2237326	2182798	2088507	2169544	3.47	cps
Strontium	86-1	264135	269738	267691	267188	1.06	cps
Strontium	88-1	2322762	2295596	2342994	2320451	1.02	cps
Sulfur	34-1	286801	283896	287030	285909	0.61	cps
Terbium	159-1	10546659	9900853	9430859	9959457	5.62	cps
Terbium	159-2	3749605	3869717	3894389	3837904	2.02	cps
Thallium	203-1	558874	562935	573903	565237	1.38	cps
Thallium	205-1	1351544	1382690	1386156	1373463	1.39	cps
Tin	118-1	487227	496898	493408	492511	0.99	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:36:21	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1357518	1345708	1418162	1373796	2.83	cps
Uranium	238-1	1991608	2058283	1958990	2002960	2.53	cps
Vanadium	51-2	917354	900781	876196	898110	2.31	cps
Ytterbium	172-1	7244	7327	7536	7369	2.04	cps
Ytterbium	172-2	3356	3023	2967	3115	6.75	cps
Ytterbium	176-1	7652	7452	7369	7491	1.94	cps
Ytterbium	176-2	10988	11683	11405	11359	3.08	cps
Yttrium	89-1	11201536	10998909	10822926	11007790	1.72	cps
Yttrium	89-2	943950	980969	952744	959221	2.02	cps
Zinc	66-2	669474	654961	630928	651788	2.99	cps
Zirconium	90-1	1050509	1090741	1069868	1070373	1.88	cps
Zirconium	91-1	238315	238450	236796	237854	0.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7178618	7030035	6769987	6992880	2.96	cps
Antimony	121-1	249608	246160	240638	245469	1.84	cps
Arsenic	75-2	26460	25667	25787	25971	1.65	cps
Barium	135-1	2013944	1978920	1931430	1974765	2.10	cps
Barium	137-1	3486548	3464104	3310668	3420440	2.80	cps
Beryllium	9-1	6698	6432	6552	6561	2.03	cps
Bismuth	209-1	7220366	7315782	7148930	7228359	1.16	cps
Bismuth	209-2	3081343	3193974	3085759	3120359	2.04	cps
Boron	10-1	12815	13113	12675	12868	1.74	cps
Boron	11-1	60428	59458	58171	59352	1.91	cps
Bromine	81-1	38001	39155	38925	38694	1.58	cps
Cadmium	111-1	26923	26707	26291	26640	1.20	cps
Cadmium	106-1	9387	9237	8978	9201	2.25	cps
Cadmium	108-1	2946	2830	2784	2853	2.94	cps
Calcium	43-1	1535632	1468105	1439742	1481159	3.33	cps
Calcium	44-1	24327500	23987845	23517845	23944397	1.70	cps
Carbon	12-1	51584358	54581082	55769849	53978430	4.00	cps
Carbon	12-2	674051	670367	649898	664772	1.96	cps
Chlorine	35-1	435100626	498113111	527424862	486879533	9.69	cps
Chlorine	35-2	3494439	3498081	3525603	3506041	0.49	cps
Chromium	52-2	2319534	2275429	2297062	2297342	0.96	cps
Cobalt	59-2	1064342	1050639	1038690	1051224	1.22	cps
Copper	63-2	7203443	7066749	7192792	7154328	1.06	cps
Dysprosium	156-1	154024	156463	154381	154956	0.85	cps
Dysprosium	156-2	59800	59235	59191	59408	0.57	cps
Erbium	164-1	160091	162224	161068	161128	0.66	cps
Erbium	164-2	54224	53618	54482	54108	0.82	cps
Gadolinium	160-1	153127	155408	151356	153297	1.33	cps
Gadolinium	160-2	62985	61143	60671	61600	1.98	cps
Holmium	165-1	11294572	11365422	11143304	11267766	1.01	cps
Holmium	165-2	4134777	4110469	4137197	4127481	0.36	cps
Indium	115-1	8382487	8376944	8241616	8333682	0.96	cps
Indium	115-2	982145	970388	986213	979582	0.84	cps
Iron	54-2	52052994	50879365	50107301	51013220	1.92	cps
Iron	56-2	941609465	935840332	933431465	936960421	0.45	cps
Iron	57-2	24027473	23446519	23207473	23560488	1.79	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	529	574	542	548	4.21	cps
Lead	206-1	4052586	4042353	3999192	4031377	0.70	cps
Lead	207-1	3401760	3274892	3282967	3319873	2.14	cps
Lead	208-1	15625514	15492313	15278380	15465402	1.13	cps
Lithium	6-1	2748464	2745637	2776488	2756863	0.62	cps
Magnesium	24-2	7007620	6824282	6847239	6893047	1.45	cps
Manganese	55-2	7597118	7691136	7618983	7635746	0.64	cps
Molybdenum	94-1	384530	386345	382861	384578	0.45	cps
Molybdenum	95-1	373744	365582	364764	368030	1.35	cps
Molybdenum	96-1	462240	451269	444217	452575	2.01	cps
Molybdenum	97-1	230572	232083	225428	229361	1.52	cps
Molybdenum	98-1	598471	588741	573278	586830	2.16	cps
Neodymium	150-1	171247	170673	172091	171337	0.42	cps
Neodymium	150-2	43828	43290	43825	43648	0.71	cps
Nickel	60-2	3345140	3264101	3251955	3287065	1.54	cps
Phosphorus	31-2	22301	22819	21458	22193	3.09	cps
Potassium	39-2	264394	252209	249873	255492	3.05	cps
Rhodium	103-1	7932597	7693816	7551139	7725851	2.49	cps
Rhodium	103-2	3048114	2968703	2983248	3000022	1.41	cps
Scandium	45-1	6799130	6465679	6484065	6582958	2.85	cps
Scandium	45-2	165755	164486	162839	164360	0.89	cps
Selenium	82-1	1489	1494	1405	1462	3.41	cps
Selenium	77-2	253	220	190	221	14.33	cps
Selenium	78-2	377	294	314	328	13.19	cps
Silicon	28-1	23464210	22605593	22919554	22996452	1.89	cps
Silver	107-1	22235	22018	21292	21848	2.26	cps
Silver	109-1	20416	21342	20800	20853	2.23	cps
Sodium	23-2	404363	395427	396555	398782	1.22	cps
Strontium	86-1	593350	588721	563536	581869	2.76	cps
Strontium	88-1	5144765	5281551	5081080	5169132	1.98	cps
Sulfur	34-1	655544	642301	646346	648064	1.05	cps
Terbium	159-1	11496981	11403092	11108856	11336309	1.79	cps
Terbium	159-2	4031016	4056528	4063882	4050475	0.43	cps
Thallium	203-1	6002	6385	6202	6196	3.10	cps
Thallium	205-1	14842	14826	14734	14801	0.39	cps
Tin	118-1	444679	439195	446714	443529	0.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:39:11	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6250985	6356243	6336541	6314590	0.89	cps
Uranium	238-1	173677	173648	169391	172239	1.43	cps
Vanadium	51-2	5764123	5596561	5667218	5675968	1.48	cps
Ytterbium	172-1	51568	51819	50748	51379	1.09	cps
Ytterbium	172-2	20767	20522	19604	20297	3.02	cps
Ytterbium	176-1	34471	33694	33928	34031	1.17	cps
Ytterbium	176-2	22993	22608	21412	22338	3.69	cps
Yttrium	89-1	13956888	14412800	13945524	14105070	1.89	cps
Yttrium	89-2	1139207	1142186	1143862	1141752	0.21	cps
Zinc	66-2	3396033	3341389	3310014	3349145	1.30	cps
Zirconium	90-1	485885	499801	501405	495697	1.72	cps
Zirconium	91-1	112244	113900	111135	112426	1.24	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1401277	1315376	1285493	1334049	4.51	cps
Antimony	121-1	44532	44214	43896	44214	0.72	cps
Arsenic	75-2	4683	4511	4420	4538	2.94	cps
Barium	135-1	332576	334890	329024	332163	0.89	cps
Barium	137-1	582337	589059	577758	583051	0.97	cps
Beryllium	9-1	1276	1317	1242	1279	2.94	cps
Bismuth	209-1	6181061	6295495	6493736	6323431	2.50	cps
Bismuth	209-2	2946084	2909775	2855983	2903947	1.56	cps
Boron	10-1	5496	5590	5522	5536	0.88	cps
Boron	11-1	24804	25325	24444	24857	1.78	cps
Bromine	81-1	32993	32030	33435	32819	2.19	cps
Cadmium	111-1	6754	6737	7003	6831	2.18	cps
Cadmium	106-1	4409	4317	4709	4479	4.58	cps
Cadmium	108-1	613	629	563	601	5.77	cps
Calcium	43-1	261399	263563	257218	260727	1.24	cps
Calcium	44-1	4295164	4235652	4268031	4266282	0.70	cps
Carbon	12-1	11812632	12451173	12658508	12307437	3.58	cps
Carbon	12-2	155435	155140	149642	153406	2.13	cps
Chlorine	35-1	136951345	146712749	144249828	142637974	3.56	cps
Chlorine	35-2	889446	855132	839833	861470	2.95	cps
Chromium	52-2	412919	409653	400256	407609	1.61	cps
Cobalt	59-2	199011	194057	190797	194622	2.13	cps
Copper	63-2	1349764	1307741	1304135	1320546	1.92	cps
Dysprosium	156-1	26711	27454	26770	26978	1.53	cps
Dysprosium	156-2	11208	10684	10815	10902	2.50	cps
Erbium	164-1	27521	27972	27780	27757	0.81	cps
Erbium	164-2	10124	9574	9557	9751	3.31	cps
Gadolinium	160-1	25534	26068	26510	26037	1.88	cps
Gadolinium	160-2	11151	11622	10771	11181	3.81	cps
Holmium	165-1	9718473	9776571	9635630	9710225	0.73	cps
Holmium	165-2	3824307	3837273	3893187	3851589	0.95	cps
Indium	115-1	7464965	7515320	7417370	7465885	0.66	cps
Indium	115-2	933606	940876	917962	930815	1.26	cps
Iron	54-2	9969817	9506620	9265049	9580495	3.74	cps
Iron	56-2	180976604	174721276	172127576	175941819	2.59	cps
Iron	57-2	4507377	4275239	4266510	4349709	3.14	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	327	355	324	335	5.09	cps
Lead	206-1	653507	671395	659267	661390	1.38	cps
Lead	207-1	562516	567406	546490	558804	1.96	cps
Lead	208-1	2564323	2628940	2582372	2591879	1.29	cps
Lithium	6-1	2305272	2360037	2292011	2319107	1.55	cps
Magnesium	24-2	1373630	1295913	1289126	1319556	3.56	cps
Manganese	55-2	1498487	1443861	1380636	1440995	4.09	cps
Molybdenum	94-1	69659	67892	69592	69048	1.45	cps
Molybdenum	95-1	64802	62542	63856	63733	1.78	cps
Molybdenum	96-1	79991	80317	80853	80387	0.54	cps
Molybdenum	97-1	39432	39766	40468	39889	1.33	cps
Molybdenum	98-1	101932	101983	104402	102773	1.37	cps
Neodymium	150-1	30361	28725	29994	29693	2.89	cps
Neodymium	150-2	8113	7616	7529	7752	4.06	cps
Nickel	60-2	592299	579878	572466	581548	1.72	cps
Phosphorus	31-2	4459	4234	4117	4270	4.07	cps
Potassium	39-2	59080	58896	57215	58397	1.76	cps
Rhodium	103-1	7193078	6965541	7198983	7119201	1.87	cps
Rhodium	103-2	2943727	2922443	2869042	2911737	1.32	cps
Scandium	45-1	5027205	5015416	5025409	5022677	0.13	cps
Scandium	45-2	134447	133031	132624	133367	0.72	cps
Selenium	82-1	279	244	230	251	10.02	cps
Selenium	77-2	40	50	47	46	11.18	cps
Selenium	78-2	72	99	81	84	16.36	cps
Silicon	28-1	4287632	4478424	4424600	4396885	2.24	cps
Silver	107-1	5009	4092	4351	4484	10.54	cps
Silver	109-1	4209	4217	3809	4078	5.72	cps
Sodium	23-2	85929	85694	84395	85339	0.97	cps
Strontium	86-1	102896	103097	104491	103495	0.84	cps
Strontium	88-1	908903	889225	879193	892440	1.69	cps
Sulfur	34-1	300122	302801	302910	301944	0.52	cps
Terbium	159-1	9781795	9695847	9525511	9667718	1.35	cps
Terbium	159-2	3727725	3872309	3815774	3805269	1.91	cps
Thallium	203-1	1483	1425	1242	1383	9.12	cps
Thallium	205-1	3526	3259	3167	3317	5.61	cps
Tin	118-1	80060	83297	78342	80566	3.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SS-11-20230306DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:42:02	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1147336	1137645	1147459	1144147	0.49	cps
Uranium	238-1	29777	30337	30454	30189	1.20	cps
Vanadium	51-2	1053516	1014010	1003017	1023514	2.59	cps
Ytterbium	172-1	8970	9370	8711	9017	3.68	cps
Ytterbium	172-2	3851	3328	3556	3578	7.32	cps
Ytterbium	176-1	6885	6885	7235	7002	2.89	cps
Ytterbium	176-2	10977	11199	11021	11066	1.06	cps
Yttrium	89-1	10584066	10968252	10829883	10794067	1.80	cps
Yttrium	89-2	948517	956645	941379	948847	0.81	cps
Zinc	66-2	633711	605291	604594	614532	2.70	cps
Zirconium	90-1	85522	86184	87995	86567	1.48	cps
Zirconium	91-1	19164	20132	19423	19573	2.56	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	436458	428662	418146	427755	2.15	cps
Antimony	121-1	1292	1550	1208	1350	13.20	cps
Arsenic	75-2	1140	1069	1043	1084	4.63	cps
Barium	135-1	55072	56268	56569	55970	1.42	cps
Barium	137-1	96915	96814	98795	97508	1.14	cps
Beryllium	9-1	1027	925	959	970	5.38	cps
Bismuth	209-1	6255292	6886778	6482615	6541562	4.89	cps
Bismuth	209-2	2946892	2920676	2788609	2885392	2.94	cps
Boron	10-1	3828	3714	3814	3785	1.64	cps
Boron	11-1	17697	17023	17287	17335	1.96	cps
Bromine	81-1	30023	31498	30485	30669	2.46	cps
Cadmium	111-1	3067	3199	3188	3152	2.32	cps
Cadmium	106-1	4059	4217	4343	4206	3.38	cps
Cadmium	108-1	142	129	175	149	15.94	cps
Calcium	43-1	98632	97828	97815	98092	0.48	cps
Calcium	44-1	1617132	1650236	1663328	1643565	1.45	cps
Carbon	12-1	3741321	3658042	3848140	3749168	2.54	cps
Carbon	12-2	50838	49325	51625	50596	2.31	cps
Chlorine	35-1	113223865	124044736	135084636	124117746	8.81	cps
Chlorine	35-2	851899	840499	837811	843403	0.89	cps
Chromium	52-2	25012	24952	23950	24638	2.42	cps
Cobalt	59-2	27126	26839	25757	26574	2.72	cps
Copper	63-2	70913	68357	68549	69273	2.06	cps
Dysprosium	156-1	16285	15668	15518	15824	2.57	cps
Dysprosium	156-2	5758	5628	5268	5551	4.57	cps
Erbium	164-1	14133	14066	13791	13997	1.30	cps
Erbium	164-2	4794	4904	4838	4845	1.14	cps
Gadolinium	160-1	14592	14350	15234	14725	3.10	cps
Gadolinium	160-2	5871	6051	6232	6051	2.98	cps
Holmium	165-1	9562393	10255428	9582886	9800236	4.02	cps
Holmium	165-2	3714437	3866255	3742902	3774532	2.14	cps
Indium	115-1	7426236	7915516	7578412	7640055	3.28	cps
Indium	115-2	946521	957371	918779	940890	2.12	cps
Iron	54-2	1751218	1722477	1670247	1714647	2.39	cps
Iron	56-2	32941260	29585417	29511099	30679258	6.39	cps
Iron	57-2	778363	754749	720200	751104	3.89	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	321	325	306	317	3.12	cps
Lead	206-1	128459	130474	133573	130835	1.97	cps
Lead	207-1	108054	109449	107902	108468	0.79	cps
Lead	208-1	506186	511500	514085	510590	0.79	cps
Lithium	6-1	2239927	2431548	2284186	2318554	4.33	cps
Magnesium	24-2	458198	444917	430601	444572	3.10	cps
Manganese	55-2	251781	236567	237014	241788	3.58	cps
Molybdenum	94-1	41789	39666	42198	41218	3.30	cps
Molybdenum	95-1	5368	5168	4893	5143	4.64	cps
Molybdenum	96-1	13465	12764	13198	13143	2.69	cps
Molybdenum	97-1	2984	3075	3142	3067	2.59	cps
Molybdenum	98-1	8186	8353	8211	8250	1.09	cps
Neodymium	150-1	23888	22566	22633	23029	3.23	cps
Neodymium	150-2	6382	6081	6205	6223	2.42	cps
Nickel	60-2	14521	14568	14100	14396	1.79	cps
Phosphorus	31-2	1067	983	1100	1050	5.72	cps
Potassium	39-2	64898	64185	61482	63522	2.84	cps
Rhodium	103-1	7142689	7529590	6888914	7187064	4.49	cps
Rhodium	103-2	2984508	2992875	2972641	2983341	0.34	cps
Scandium	45-1	4734933	5243761	4885188	4954627	5.28	cps
Scandium	45-2	129860	128894	126860	128538	1.19	cps
Selenium	82-1	114	54	64	77	41.70	cps
Selenium	77-2	23	7	20	17	52.90	cps
Selenium	78-2	53	49	40	47	14.08	cps
Silicon	28-1	1951346	1796353	1697841	1815180	7.04	cps
Silver	107-1	842	817	817	825	1.75	cps
Silver	109-1	750	842	725	772	7.95	cps
Sodium	23-2	105633	103207	101252	103364	2.12	cps
Strontium	86-1	48661	50434	50785	49960	2.28	cps
Strontium	88-1	423889	442713	441423	436008	2.41	cps
Sulfur	34-1	238413	241803	238694	239637	0.79	cps
Terbium	159-1	9855213	10288072	9533833	9892373	3.83	cps
Terbium	159-2	3742215	3702323	3721977	3722172	0.54	cps
Thallium	203-1	733	825	783	781	5.88	cps
Thallium	205-1	2009	1725	1984	1906	8.23	cps
Tin	118-1	17862	18980	18730	18524	3.17	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 16:44:58	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	172391	154149	157338	161293	6.04	cps
Uranium	238-1	17830	18130	17680	17880	1.28	cps
Vanadium	51-2	26869	26535	25690	26364	2.30	cps
Ytterbium	172-1	4609	4893	4059	4520	9.38	cps
Ytterbium	172-2	1728	1928	2089	1915	9.45	cps
Ytterbium	176-1	4626	4526	5235	4795	8.00	cps
Ytterbium	176-2	9392	10299	9898	9863	4.60	cps
Yttrium	89-1	10348463	11344592	10634772	10775942	4.76	cps
Yttrium	89-2	946869	953893	922186	940983	1.77	cps
Zinc	66-2	18222	18118	18325	18222	0.57	cps
Zirconium	90-1	102703	107565	105389	105219	2.31	cps
Zirconium	91-1	23512	22444	24639	23532	4.67	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2334164	2281323	2184720	2266735	3.34	cps
Antimony	121-1	6152	5910	6377	6146	3.80	cps
Arsenic	75-2	6169	6167	5979	6105	1.79	cps
Barium	135-1	319120	315908	304774	313267	2.40	cps
Barium	137-1	550909	536774	535740	541141	1.57	cps
Beryllium	9-1	5239	5178	4965	5127	2.80	cps
Bismuth	209-1	5279879	7250152	7197694	6575908	17.07	cps
Bismuth	209-2	3142941	3242642	3159381	3181655	1.68	cps
Boron	10-1	5982	6122	6272	6125	2.37	cps
Boron	11-1	26641	28520	28318	27826	3.71	cps
Bromine	81-1	31558	32913	32832	32434	2.34	cps
Cadmium	111-1	4410	4734	4518	4554	3.62	cps
Cadmium	106-1	5101	5885	5368	5451	7.31	cps
Cadmium	108-1	629	700	550	626	11.98	cps
Calcium	43-1	550350	525081	523739	533057	2.81	cps
Calcium	44-1	8846087	8572375	8429491	8615984	2.46	cps
Carbon	12-1	5399770	5785546	5937755	5707690	4.86	cps
Carbon	12-2	72747	72638	70461	71949	1.79	cps
Chlorine	35-1	492967994	569449146	595298497	552571879	9.63	cps
Chlorine	35-2	3909151	3876482	3926420	3904018	0.65	cps
Chromium	52-2	134433	134985	127719	132379	3.06	cps
Cobalt	59-2	142216	138663	138673	139851	1.46	cps
Copper	63-2	377537	367287	361834	368886	2.16	cps
Dysprosium	156-1	91489	85390	86858	87912	3.62	cps
Dysprosium	156-2	30719	30141	29773	30211	1.58	cps
Erbium	164-1	77794	77402	77519	77572	0.26	cps
Erbium	164-2	26917	25925	25585	26143	2.65	cps
Gadolinium	160-1	84889	83437	81022	83116	2.35	cps
Gadolinium	160-2	33583	33796	33275	33551	0.78	cps
Holmium	165-1	7429460	10575582	10365546	9456863	18.60	cps
Holmium	165-2	4051803	4055109	3960978	4022630	1.33	cps
Indium	115-1	5906369	8157385	8175323	7413026	17.60	cps
Indium	115-2	954143	965693	958220	959352	0.61	cps
Iron	54-2	8948899	8957799	8667421	8858039	1.86	cps
Iron	56-2	164426431	160120098	157658154	160734894	2.13	cps
Iron	57-2	4257196	4137721	4004950	4133289	3.05	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	432	422	434	2.75	cps
Lead	206-1	735990	735358	714220	728523	1.70	cps
Lead	207-1	617352	603919	602577	607949	1.34	cps
Lead	208-1	2878706	2844543	2811577	2844942	1.18	cps
Lithium	6-1	2029150	2704623	2713762	2482512	15.82	cps
Magnesium	24-2	2458730	2427314	2308993	2398345	3.29	cps
Manganese	55-2	1283256	1282011	1247828	1271032	1.58	cps
Molybdenum	94-1	235564	232402	219885	229284	3.62	cps
Molybdenum	95-1	28188	27069	26927	27394	2.52	cps
Molybdenum	96-1	73706	69065	67238	70003	4.76	cps
Molybdenum	97-1	17954	17670	16652	17425	3.93	cps
Molybdenum	98-1	44380	42884	42173	43146	2.61	cps
Neodymium	150-1	136209	133203	129432	132948	2.55	cps
Neodymium	150-2	34060	33385	33532	33659	1.05	cps
Nickel	60-2	75986	75047	72876	74636	2.14	cps
Phosphorus	31-2	5501	5101	4876	5159	6.14	cps
Potassium	39-2	288785	273971	273370	278709	3.13	cps
Rhodium	103-1	5370611	7335378	7508846	6738278	17.62	cps
Rhodium	103-2	2902070	2967198	2961982	2943750	1.23	cps
Scandium	45-1	3788839	5250820	5242526	4760728	17.68	cps
Scandium	45-2	134276	131873	131161	132437	1.23	cps
Selenium	82-1	355	291	231	292	21.16	cps
Selenium	77-2	140	143	133	139	3.67	cps
Selenium	78-2	150	122	135	136	10.33	cps
Silicon	28-1	10142078	8915856	8963979	9340638	7.44	cps
Silver	107-1	3601	3367	3767	3578	5.62	cps
Silver	109-1	3059	3417	3334	3270	5.74	cps
Sodium	23-2	498539	490494	477248	488760	2.20	cps
Strontium	86-1	290226	274639	275319	280061	3.15	cps
Strontium	88-1	2587248	2403112	2369388	2453249	4.78	cps
Sulfur	34-1	301048	293382	296745	297058	1.29	cps
Terbium	159-1	7559335	10487148	10759280	9601921	18.48	cps
Terbium	159-2	3761868	3859334	3915904	3845702	2.03	cps
Thallium	203-1	3117	3175	3367	3220	4.06	cps
Thallium	205-1	7744	7427	7953	7708	3.43	cps
Tin	118-1	110791	112968	109983	111247	1.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1847-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-030823DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 16:47:59	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	891136	822072	848083	853764	4.09	cps
Uranium	238-1	101027	99424	98786	99746	1.16	cps
Vanadium	51-2	142490	140026	138137	140218	1.56	cps
Ytterbium	172-1	27563	26277	25108	26316	4.67	cps
Ytterbium	172-2	10927	11110	9843	10627	6.45	cps
Ytterbium	176-1	20583	19573	19056	19738	3.94	cps
Ytterbium	176-2	16460	16422	15598	16160	3.01	cps
Yttrium	89-1	9094756	12132323	11618699	10948592	14.85	cps
Yttrium	89-2	992103	1015394	1011033	1006177	1.23	cps
Zinc	66-2	101125	100883	98232	100080	1.60	cps
Zirconium	90-1	598771	583848	560587	581069	3.31	cps
Zirconium	91-1	131350	131713	127933	130332	1.60	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1353275	1285773	1273498	1304182	3.29	cps
Antimony	121-1	10429	10730	10913	10691	2.28	cps
Arsenic	75-2	2594	2473	2505	2524	2.46	cps
Barium	135-1	151553	159796	156685	156011	2.67	cps
Barium	137-1	271758	278970	275226	275318	1.31	cps
Beryllium	9-1	930	1036	1056	1007	6.74	cps
Bismuth	209-1	6561399	5659552	6283827	6168259	7.49	cps
Bismuth	209-2	2858329	2766552	2828722	2817868	1.66	cps
Boron	10-1	4016	3740	3870	3875	3.56	cps
Boron	11-1	17393	18150	18250	17931	2.61	cps
Bromine	81-1	30465	29311	30104	29960	1.97	cps
Cadmium	111-1	3900	3831	4095	3942	3.47	cps
Cadmium	106-1	4209	3734	4509	4151	9.42	cps
Cadmium	108-1	275	308	338	307	10.19	cps
Calcium	43-1	2124236	2061218	2120004	2101819	1.68	cps
Calcium	44-1	34142187	33695217	34495563	34110989	1.18	cps
Carbon	12-1	3811829	3929621	3881263	3874238	1.53	cps
Carbon	12-2	50270	48798	49417	49495	1.49	cps
Chlorine	35-1	127301461	128012945	129450357	128254921	0.85	cps
Chlorine	35-2	765537	732478	725806	741274	2.87	cps
Chromium	52-2	150690	148736	148650	149359	0.77	cps
Cobalt	59-2	109484	110009	108051	109181	0.93	cps
Copper	63-2	496354	489083	484033	489823	1.26	cps
Dysprosium	156-1	22219	23513	22787	22839	2.84	cps
Dysprosium	156-2	9130	8790	8566	8829	3.22	cps
Erbium	164-1	25943	26920	26970	26611	2.18	cps
Erbium	164-2	9050	9513	9333	9299	2.51	cps
Gadolinium	160-1	23797	24673	24181	24217	1.81	cps
Gadolinium	160-2	10271	9887	10044	10067	1.92	cps
Holmium	165-1	10040400	8429752	9207040	9225731	8.73	cps
Holmium	165-2	3723950	3615300	3800995	3713415	2.51	cps
Indium	115-1	7545089	6402177	7390115	7112460	8.72	cps
Indium	115-2	910444	875479	914487	900137	2.38	cps
Iron	54-2	5032219	4757048	4814723	4867996	2.98	cps
Iron	56-2	89644285	90111344	88090199	89281943	1.19	cps
Iron	57-2	2296273	2257110	2292333	2281905	0.94	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	406	372	361	380	6.16	cps
Lead	206-1	245140	255977	250072	250396	2.17	cps
Lead	207-1	199385	208338	207909	205211	2.46	cps
Lead	208-1	940730	984165	960116	961670	2.26	cps
Lithium	6-1	2409815	2043465	2221366	2224882	8.23	cps
Magnesium	24-2	2532155	2484698	2457337	2491397	1.52	cps
Manganese	55-2	981604	964851	941143	962533	2.11	cps
Molybdenum	94-1	61580	61790	61621	61664	0.18	cps
Molybdenum	95-1	19030	20215	20607	19951	4.12	cps
Molybdenum	96-1	30918	33157	32221	32099	3.50	cps
Molybdenum	97-1	12064	12806	12623	12498	3.09	cps
Molybdenum	98-1	29925	31512	32481	31306	4.12	cps
Neodymium	150-1	29018	29566	29733	29439	1.27	cps
Neodymium	150-2	8199	7632	7919	7917	3.58	cps
Nickel	60-2	299381	299113	294997	297830	0.83	cps
Phosphorus	31-2	2425	2517	2375	2439	2.95	cps
Potassium	39-2	96699	94075	91800	94192	2.60	cps
Rhodium	103-1	7255430	5949106	6740024	6648187	9.90	cps
Rhodium	103-2	2873120	2769801	2798681	2813868	1.89	cps
Scandium	45-1	5214821	4274005	4860670	4783165	9.93	cps
Scandium	45-2	128186	125632	123722	125847	1.78	cps
Selenium	82-1	94	116	101	104	11.04	cps
Selenium	77-2	43	33	20	32	36.33	cps
Selenium	78-2	78	65	63	69	11.86	cps
Silicon	28-1	3643564	4891765	3558713	4031348	18.51	cps
Silver	107-1	3042	3050	2900	2998	2.81	cps
Silver	109-1	2784	2884	2767	2811	2.24	cps
Sodium	23-2	229294	224644	220234	224724	2.02	cps
Strontium	86-1	764067	801379	793195	786214	2.49	cps
Strontium	88-1	6407253	7175612	6779287	6787384	5.66	cps
Sulfur	34-1	294742	303434	301366	299847	1.51	cps
Terbium	159-1	10355071	8681771	9696573	9577805	8.80	cps
Terbium	159-2	3818567	3603745	3629603	3683971	3.18	cps
Thallium	203-1	683	700	842	742	11.73	cps
Thallium	205-1	1934	1675	1550	1720	11.37	cps
Tin	118-1	26994	26434	26785	26738	1.06	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL2X10	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL2	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 16:50:55	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1725885	1754796	1750825	1743836	0.90	cps
Uranium	238-1	18973	18130	19132	18745	2.87	cps
Vanadium	51-2	1191608	1172569	1160555	1174911	1.33	cps
Ytterbium	172-1	8870	10029	9454	9451	6.13	cps
Ytterbium	172-2	3978	4006	3967	3984	0.50	cps
Ytterbium	176-1	7786	7027	7644	7486	5.39	cps
Ytterbium	176-2	10955	11021	11550	11175	2.92	cps
Yttrium	89-1	11250236	9571292	10922348	10581292	8.41	cps
Yttrium	89-2	937439	907554	918673	921222	1.64	cps
Zinc	66-2	147239	141725	141573	143512	2.25	cps
Zirconium	90-1	133790	137638	137656	136361	1.63	cps
Zirconium	91-1	31002	31319	31729	31350	1.16	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112834	109714	109272	110607	1.76	cps
Antimony	121-1	817	1033	925	925	11.71	cps
Arsenic	75-2	293	292	251	279	8.60	cps
Barium	135-1	9837	10371	10171	10126	2.66	cps
Barium	137-1	17128	17587	18121	17612	2.82	cps
Beryllium	9-1	130	124	126	127	2.48	cps
Bismuth	209-1	5899208	5974338	6117698	5997081	1.85	cps
Bismuth	209-2	2750842	2816856	2821945	2796548	1.42	cps
Boron	10-1	1734	1750	1582	1688	5.49	cps
Boron	11-1	7647	7504	7524	7558	1.02	cps
Bromine	81-1	28177	28980	27405	28187	2.79	cps
Cadmium	111-1	2468	2694	2621	2594	4.45	cps
Cadmium	106-1	3325	3642	3559	3509	4.68	cps
Cadmium	108-1	50	38	29	39	26.96	cps
Calcium	43-1	295339	303358	298265	298987	1.36	cps
Calcium	44-1	4820897	4961567	4936804	4906423	1.53	cps
Carbon	12-1	3022470	3118512	3066306	3069096	1.57	cps
Carbon	12-2	39061	39938	40414	39804	1.72	cps
Chlorine	35-1	16098515	16260508	16599537	16319520	1.57	cps
Chlorine	35-2	108866	106206	103587	106219	2.49	cps
Chromium	52-2	15111	14708	14471	14763	2.19	cps
Cobalt	59-2	10457	9880	9417	9918	5.26	cps
Copper	63-2	32310	31953	32070	32111	0.57	cps
Dysprosium	156-1	2134	2325	2167	2209	4.64	cps
Dysprosium	156-2	990	897	920	936	5.19	cps
Erbium	164-1	2425	2325	2442	2398	2.63	cps
Erbium	164-2	1063	990	907	987	7.94	cps
Gadolinium	160-1	2417	2309	2475	2400	3.52	cps
Gadolinium	160-2	1123	1103	1073	1100	2.29	cps
Holmium	165-1	9316634	8944079	9103541	9121418	2.05	cps
Holmium	165-2	3700214	3731542	3659355	3697037	0.98	cps
Indium	115-1	7187355	7068104	7184298	7146586	0.95	cps
Indium	115-2	922413	916966	913817	917732	0.47	cps
Iron	54-2	447428	433019	431387	437278	2.02	cps
Iron	56-2	8471828	8407230	8173332	8350797	1.88	cps
Iron	57-2	203479	202119	198406	201335	1.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	301	279	317	299	6.50	cps
Lead	206-1	37950	38652	38680	38427	1.08	cps
Lead	207-1	31683	31433	30949	31355	1.19	cps
Lead	208-1	147075	148970	147718	147921	0.65	cps
Lithium	6-1	2142082	2174196	2130762	2149013	1.05	cps
Magnesium	24-2	268914	268872	265232	267672	0.79	cps
Manganese	55-2	92696	94693	93041	93476	1.14	cps
Molybdenum	94-1	5101	4943	4259	4768	9.39	cps
Molybdenum	95-1	1658	1917	1633	1736	9.04	cps
Molybdenum	96-1	2300	2975	2484	2586	13.50	cps
Molybdenum	97-1	1067	1017	1092	1058	3.61	cps
Molybdenum	98-1	2450	2809	2634	2631	6.81	cps
Neodymium	150-1	2867	2940	3114	2974	4.26	cps
Neodymium	150-2	900	903	867	890	2.28	cps
Nickel	60-2	34913	35164	34328	34801	1.23	cps
Phosphorus	31-2	300	275	258	278	7.55	cps
Potassium	39-2	18729	18905	18204	18612	1.96	cps
Rhodium	103-1	6723644	6928348	6930180	6860724	1.73	cps
Rhodium	103-2	2870145	2885740	2865349	2873745	0.37	cps
Scandium	45-1	4540917	4638991	4766847	4648918	2.44	cps
Scandium	45-2	127958	126005	130114	128026	1.61	cps
Selenium	82-1	15	15	-23	3	866.03	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	40	40	42	41	2.84	cps
Silicon	28-1	787903	866119	815400	823141	4.82	cps
Silver	107-1	283	375	283	314	16.86	cps
Silver	109-1	333	225	258	272	20.38	cps
Sodium	23-2	34232	32687	34458	33793	2.85	cps
Strontium	86-1	102040	101922	102578	102180	0.34	cps
Strontium	88-1	865957	896186	875269	879137	1.76	cps
Sulfur	34-1	277462	277420	281378	278753	0.82	cps
Terbium	159-1	9213705	9073160	9242463	9176443	0.99	cps
Terbium	159-2	3649512	3595733	3620004	3621750	0.74	cps
Thallium	203-1	192	167	175	178	7.16	cps
Thallium	205-1	567	342	367	425	29.02	cps
Tin	118-1	2400	2317	2225	2314	3.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1829-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	SS-05-20230306DL3	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 16:57:04	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	130959	131164	129703	130609	0.61	cps
Uranium	238-1	1850	2042	1784	1892	7.09	cps
Vanadium	51-2	199886	203144	197206	200079	1.49	cps
Ytterbium	172-1	1058	950	1008	1006	5.39	cps
Ytterbium	172-2	422	383	444	417	7.42	cps
Ytterbium	176-1	2134	2250	1959	2114	6.95	cps
Ytterbium	176-2	8998	9087	9120	9068	0.70	cps
Yttrium	89-1	10182052	10171986	10201443	10185160	0.15	cps
Yttrium	89-2	939559	925743	926692	930665	0.83	cps
Zinc	66-2	13497	14174	13246	13639	3.52	cps
Zirconium	90-1	9262	10121	10463	9948	6.22	cps
Zirconium	91-1	2217	2325	2109	2217	4.89	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038086	1957393	1966188	1987223	2.23	cps
Antimony	121-1	2437597	2417191	2350914	2401901	1.89	cps
Arsenic	75-2	64625	62722	62255	63200	1.99	cps
Barium	135-1	3200070	3167125	3060770	3142655	2.32	cps
Barium	137-1	5363045	5361960	5179327	5301444	1.99	cps
Beryllium	9-1	657191	657190	647784	654055	0.83	cps
Bismuth	209-1	5542207	5430392	5367185	5446594	1.63	cps
Bismuth	209-2	2636497	2617897	2618618	2624337	0.40	cps
Boron	10-1	85964	90706	93019	89897	4.00	cps
Boron	11-1	381132	406078	421372	402861	5.04	cps
Bromine	81-1	27305	26703	27486	27165	1.51	cps
Cadmium	111-1	701261	699925	705592	702259	0.42	cps
Cadmium	106-1	81342	79580	81324	80748	1.25	cps
Cadmium	108-1	55737	54624	56198	55520	1.46	cps
Calcium	43-1	4177688	4169825	4380302	4242605	2.81	cps
Calcium	44-1	67076953	70114908	70427674	69206512	2.67	cps
Carbon	12-1	3162510	3215066	3438108	3271894	4.47	cps
Carbon	12-2	46265	45580	47018	46287	1.55	cps
Chlorine	35-1	7105424	6904977	6658506	6889635	3.25	cps
Chlorine	35-2	42847	41794	41301	41981	1.88	cps
Chromium	52-2	665438	635537	620601	640526	3.56	cps
Cobalt	59-2	1221480	1182411	1177163	1193685	2.03	cps
Copper	63-2	9945378	9690912	9659949	9765413	1.60	cps
Dysprosium	156-1	808	683	667	719	10.76	cps
Dysprosium	156-2	293	277	280	283	3.11	cps
Erbium	164-1	92	125	117	111	15.61	cps
Erbium	164-2	87	10	43	47	82.38	cps
Gadolinium	160-1	833	608	608	683	19.01	cps
Gadolinium	160-2	367	370	403	380	5.33	cps
Holmium	165-1	9101624	8817031	8766584	8895080	2.03	cps
Holmium	165-2	3811302	3742071	3687450	3746941	1.66	cps
Indium	115-1	6888260	6636807	6730482	6751850	1.88	cps
Indium	115-2	916220	897429	920177	911276	1.33	cps
Iron	54-2	7640948	7280233	7230417	7383866	3.03	cps
Iron	56-2	140228484	133362300	131301458	134964081	3.46	cps
Iron	57-2	3519038	3493697	3425425	3479387	1.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	314	272	294	7.04	cps
Lead	206-1	11723548	11667510	11666159	11685739	0.28	cps
Lead	207-1	10179128	10176888	10367416	10241144	1.07	cps
Lead	208-1	47191524	46545202	46667133	46801286	0.73	cps
Lithium	6-1	2057467	2051405	2121038	2076637	1.86	cps
Magnesium	24-2	28364006	27907477	26285768	27519084	3.97	cps
Manganese	55-2	3510721	3385943	3328735	3408466	2.73	cps
Molybdenum	94-1	10246540	10222135	10303699	10257458	0.41	cps
Molybdenum	95-1	14811220	15022268	15024910	14952799	0.82	cps
Molybdenum	96-1	16150190	16360210	16179432	16229944	0.70	cps
Molybdenum	97-1	9055171	9412067	9314672	9260636	1.99	cps
Molybdenum	98-1	23216897	23847996	23948027	23670973	1.67	cps
Neodymium	150-1	333	293	307	311	6.55	cps
Neodymium	150-2	27	27	23	26	7.55	cps
Nickel	60-2	336675	322882	321354	326971	2.58	cps
Phosphorus	31-2	23979	21917	21700	22532	5.58	cps
Potassium	39-2	8893840	8596406	8522062	8670769	2.27	cps
Rhodium	103-1	6398719	6285943	6461140	6381934	1.39	cps
Rhodium	103-2	2716068	2684773	2714580	2705140	0.65	cps
Scandium	45-1	4547906	4629883	4634528	4604106	1.06	cps
Scandium	45-2	131391	127828	130652	129957	1.45	cps
Selenium	82-1	61479	61000	62018	61499	0.83	cps
Selenium	77-2	1623	1557	1510	1563	3.64	cps
Selenium	78-2	5378	5287	5294	5319	0.95	cps
Silicon	28-1	2340660	2508036	2580125	2476273	4.96	cps
Silver	107-1	3579935	3563321	3500371	3547876	1.18	cps
Silver	109-1	3471000	3423298	3391916	3428738	1.16	cps
Sodium	23-2	50295429	50037579	48945734	49759581	1.44	cps
Strontium	86-1	22009752	21591608	21604857	21735406	1.09	cps
Strontium	88-1	192556275	184710000	189887338	189051204	2.11	cps
Sulfur	34-1	624681	613915	626780	621792	1.11	cps
Terbium	159-1	9136950	9156279	9251148	9181459	0.67	cps
Terbium	159-2	3722853	3545495	3725043	3664464	2.81	cps
Thallium	203-1	2778956	2711915	2795203	2762025	1.60	cps
Thallium	205-1	6418288	6307242	6457622	6394384	1.22	cps
Tin	118-1	2154295	2220836	2141725	2172285	1.96	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:00:53	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3974487	4143360	4222812	4113553	3.08	cps
Uranium	238-1	9285242	9307223	8958429	9183631	2.13	cps
Vanadium	51-2	517952	505159	481922	501678	3.64	cps
Ytterbium	172-1	258	358	317	311	16.15	cps
Ytterbium	172-2	172	94	128	131	29.68	cps
Ytterbium	176-1	12957	13757	13199	13304	3.09	cps
Ytterbium	176-2	13207	13440	13591	13413	1.44	cps
Yttrium	89-1	9635534	10035624	9992385	9887847	2.22	cps
Yttrium	89-2	946075	932032	928928	935678	0.98	cps
Zinc	66-2	1151358	1129916	1115984	1132419	1.57	cps
Zirconium	90-1	4801024	4943736	4940949	4895236	1.67	cps
Zirconium	91-1	1066388	1057549	1086966	1070301	1.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	76	90	82	8.97	cps
Antimony	121-1	375	342	492	403	19.56	cps
Arsenic	75-2	4	3	1	3	57.28	cps
Barium	135-1	75	67	33	58	37.80	cps
Barium	137-1	133	25	83	81	67.31	cps
Beryllium	9-1	71	52	77	67	19.40	cps
Bismuth	209-1	5129600	5908336	6015948	5684628	8.51	cps
Bismuth	209-2	2820562	2743372	2865070	2809668	2.19	cps
Boron	10-1	2608	2478	2564	2550	2.59	cps
Boron	11-1	12291	11750	11140	11727	4.91	cps
Bromine	81-1	28389	26623	26602	27205	3.77	cps
Cadmium	111-1	2400	2390	2459	2416	1.54	cps
Cadmium	106-1	3376	3401	3434	3403	0.86	cps
Cadmium	108-1	25	33	4	21	72.10	cps
Calcium	43-1	202	149	122	158	25.82	cps
Calcium	44-1	9088	8539	8693	8773	3.23	cps
Carbon	12-1	2705762	2726260	2705713	2712579	0.44	cps
Carbon	12-2	36362	35886	36170	36140	0.66	cps
Chlorine	35-1	4262569	4223331	4142611	4209504	1.45	cps
Chlorine	35-2	27118	26566	24964	26216	4.27	cps
Chromium	52-2	407	380	420	402	5.06	cps
Cobalt	59-2	43	40	40	41	4.68	cps
Copper	63-2	1053	1060	1190	1101	7.00	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	58	42	33	44	28.64	cps
Gadolinium	160-2	123	103	123	117	9.90	cps
Holmium	165-1	7884550	9049622	8980346	8638172	7.57	cps
Holmium	165-2	3741831	3722713	3759342	3741295	0.49	cps
Indium	115-1	6120435	6803899	7016806	6647047	7.05	cps
Indium	115-2	946185	936522	941511	941406	0.51	cps
Iron	54-2	628	583	550	587	6.65	cps
Iron	56-2	4901	5207	5773	5294	8.36	cps
Iron	57-2	128	200	200	176	23.70	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	316	260	287	288	9.77	cps
Lead	206-1	800	811	856	822	3.58	cps
Lead	207-1	739	539	533	604	19.40	cps
Lead	208-1	3289	2784	2934	3002	8.65	cps
Lithium	6-1	1964150	2108027	2168865	2080347	5.05	cps
Magnesium	24-2	408	700	542	550	26.55	cps
Manganese	55-2	153	153	153	153	0.00	cps
Molybdenum	94-1	583	542	442	522	13.94	cps
Molybdenum	95-1	717	433	467	539	28.74	cps
Molybdenum	96-1	758	575	525	619	19.83	cps
Molybdenum	97-1	367	200	358	308	30.46	cps
Molybdenum	98-1	1058	767	708	844	22.21	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	17	17	23	19	20.36	cps
Phosphorus	31-2	67	67	92	75	19.24	cps
Potassium	39-2	13924	14249	13673	13949	2.07	cps
Rhodium	103-1	5861867	6699956	6972439	6511421	8.89	cps
Rhodium	103-2	2955944	2845064	2906323	2902443	1.91	cps
Scandium	45-1	4068452	4668885	4639525	4458954	7.59	cps
Scandium	45-2	132243	131846	129579	131223	1.10	cps
Selenium	82-1	14	21	-30	2	1663.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	31	37	35	9.90	cps
Silicon	28-1	423917	419168	425204	422763	0.75	cps
Silver	107-1	417	275	300	331	22.87	cps
Silver	109-1	242	175	267	228	20.80	cps
Sodium	23-2	11738	11613	11638	11663	0.57	cps
Strontium	86-1	608	725	725	686	9.82	cps
Strontium	88-1	2700	2017	2192	2303	15.42	cps
Sulfur	34-1	265975	262506	263388	263956	0.68	cps
Terbium	159-1	8097017	8977420	9107249	8727229	6.30	cps
Terbium	159-2	3658344	3600350	3764934	3674543	2.27	cps
Thallium	203-1	408	458	300	389	20.81	cps
Thallium	205-1	933	800	917	883	8.22	cps
Tin	118-1	317	425	342	361	15.71	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:07:05	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	150	133	178	35.49	cps
Uranium	238-1	183	133	83	133	37.50	cps
Vanadium	51-2	10	23	20	18	39.03	cps
Ytterbium	172-1	42	17	50	36	48.03	cps
Ytterbium	172-2	17	44	39	33	44.09	cps
Ytterbium	176-1	1167	1300	1433	1300	10.26	cps
Ytterbium	176-2	8614	9048	8892	8851	2.48	cps
Yttrium	89-1	8651131	9824494	10204584	9560069	8.47	cps
Yttrium	89-2	944931	925576	937686	936064	1.04	cps
Zinc	66-2	303	237	240	260	14.45	cps
Zirconium	90-1	642	683	783	703	10.36	cps
Zirconium	91-1	100	117	142	119	17.56	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	80	59	69	15.37	cps
Antimony	121-1	125	125	242	164	41.10	cps
Arsenic	75-2	1	3	1	2	69.28	cps
Barium	135-1	42	17	17	25	57.73	cps
Barium	137-1	75	50	67	64	19.92	cps
Beryllium	9-1	49	55	56	53	7.54	cps
Bismuth	209-1	5752682	5816027	5846751	5805153	0.83	cps
Bismuth	209-2	2875221	2802802	2811021	2829681	1.40	cps
Boron	10-1	1924	1982	1996	1967	1.94	cps
Boron	11-1	8861	8653	8373	8629	2.84	cps
Bromine	81-1	29903	28408	28047	28786	3.42	cps
Cadmium	111-1	2476	2575	2260	2437	6.61	cps
Cadmium	106-1	3476	3659	3175	3437	7.10	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	127	111	121	120	6.83	cps
Calcium	44-1	8323	8007	7886	8072	2.79	cps
Carbon	12-1	2865552	2903986	2941119	2903552	1.30	cps
Carbon	12-2	38744	37891	38384	38340	1.12	cps
Chlorine	35-1	3778595	3706045	3632406	3705682	1.97	cps
Chlorine	35-2	24162	23712	22284	23386	4.19	cps
Chromium	52-2	483	477	407	456	9.32	cps
Cobalt	59-2	53	33	40	42	24.12	cps
Copper	63-2	967	907	957	943	3.41	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	50	83	69	24.98	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	93	80	70	81	14.43	cps
Holmium	165-1	8857421	8631377	8537176	8675325	1.90	cps
Holmium	165-2	3762759	3700805	3640754	3701439	1.65	cps
Indium	115-1	6840852	7045558	6939025	6941812	1.47	cps
Indium	115-2	937832	939648	920652	932711	1.12	cps
Iron	54-2	572	522	506	533	6.51	cps
Iron	56-2	3856	3862	3701	3806	2.40	cps
Iron	57-2	78	183	122	128	41.48	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	274	256	262	264	3.36	cps
Lead	206-1	722	744	739	735	1.57	cps
Lead	207-1	528	578	511	539	6.44	cps
Lead	208-1	2734	2739	2700	2724	0.77	cps
Lithium	6-1	2087640	2027565	2157545	2090917	3.11	cps
Magnesium	24-2	208	267	250	242	12.43	cps
Manganese	55-2	100	57	87	81	27.36	cps
Molybdenum	94-1	333	308	225	289	19.64	cps
Molybdenum	95-1	300	208	225	244	19.98	cps
Molybdenum	96-1	283	292	342	306	10.32	cps
Molybdenum	97-1	175	108	83	122	38.77	cps
Molybdenum	98-1	450	350	308	369	19.71	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	13	30	20	21	39.75	cps
Phosphorus	31-2	33	58	33	42	34.65	cps
Potassium	39-2	13940	14407	13799	14049	2.27	cps
Rhodium	103-1	6743550	6832329	6543878	6706586	2.20	cps
Rhodium	103-2	2933015	2817392	2813838	2854748	2.38	cps
Scandium	45-1	4558671	4717235	4603694	4626533	1.77	cps
Scandium	45-2	132020	128587	127208	129272	1.92	cps
Selenium	82-1	-14	51	1	13	263.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	29	25	25	13.86	cps
Silicon	28-1	423070	421701	428235	424335	0.81	cps
Silver	107-1	300	250	275	275	9.09	cps
Silver	109-1	267	183	275	242	20.98	cps
Sodium	23-2	9770	9537	9178	9495	3.14	cps
Strontium	86-1	692	542	500	578	17.45	cps
Strontium	88-1	1300	942	883	1042	21.66	cps
Sulfur	34-1	271058	268826	268388	269424	0.53	cps
Terbium	159-1	8836948	8894990	8895027	8875655	0.38	cps
Terbium	159-2	3679750	3713729	3693783	3695754	0.46	cps
Thallium	203-1	300	217	275	264	16.21	cps
Thallium	205-1	750	750	708	736	3.27	cps
Tin	118-1	400	408	417	408	2.04	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BL	Instrumnet Name :	P8
Client Sample ID :	PB151245BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:10:07	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	175	117	142	21.21	cps
Uranium	238-1	75	67	25	56	48.22	cps
Vanadium	51-2	33	17	20	23	37.78	cps
Ytterbium	172-1	25	50	0	25	100.00	cps
Ytterbium	172-2	22	11	0	11	100.00	cps
Ytterbium	176-1	1492	1367	1400	1420	4.56	cps
Ytterbium	176-2	8948	9009	9048	9001	0.56	cps
Yttrium	89-1	9921909	9781435	9569153	9757499	1.82	cps
Yttrium	89-2	947124	931015	927282	935140	1.13	cps
Zinc	66-2	197	197	137	177	19.61	cps
Zirconium	90-1	658	492	642	597	15.37	cps
Zirconium	91-1	92	133	150	125	24.04	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413967	408002	396174	406048	2.23	cps
Antimony	121-1	2596040	2557129	2619293	2590821	1.21	cps
Arsenic	75-2	66789	65501	65089	65793	1.35	cps
Barium	135-1	3178019	3212464	3195285	3195256	0.54	cps
Barium	137-1	5453206	5458139	5325748	5412365	1.39	cps
Beryllium	9-1	680742	691174	698453	690123	1.29	cps
Bismuth	209-1	5793589	5658262	5629043	5693632	1.54	cps
Bismuth	209-2	2776172	2764325	2733969	2758155	0.79	cps
Boron	10-1	84673	91931	98667	91757	7.63	cps
Boron	11-1	387039	413004	441976	414006	6.64	cps
Bromine	81-1	28308	27897	28448	28218	1.02	cps
Cadmium	111-1	757832	768038	780623	768831	1.48	cps
Cadmium	106-1	85106	88945	87327	87126	2.21	cps
Cadmium	108-1	58788	59549	59482	59273	0.71	cps
Calcium	43-1	950002	971720	976523	966082	1.46	cps
Calcium	44-1	14797776	15105418	15260162	15054452	1.56	cps
Carbon	12-1	3040024	3144850	3313149	3166008	4.35	cps
Carbon	12-2	47051	46474	46574	46700	0.66	cps
Chlorine	35-1	3312180	3275842	3279074	3289032	0.61	cps
Chlorine	35-2	21391	21324	21016	21244	0.94	cps
Chromium	52-2	676030	650272	642893	656398	2.65	cps
Cobalt	59-2	1239875	1228335	1176392	1214868	2.78	cps
Copper	63-2	10508416	9988556	9582020	10026330	4.63	cps
Dysprosium	156-1	150	183	200	178	14.32	cps
Dysprosium	156-2	63	73	100	79	24.03	cps
Erbium	164-1	100	75	83	86	14.78	cps
Erbium	164-2	30	17	20	22	31.22	cps
Gadolinium	160-1	225	167	142	178	24.06	cps
Gadolinium	160-2	183	133	160	159	15.75	cps
Holmium	165-1	8647909	9056694	8938707	8881103	2.37	cps
Holmium	165-2	3809751	3830568	3766786	3802368	0.86	cps
Indium	115-1	6763622	6784767	6830003	6792797	0.50	cps
Indium	115-2	921657	931652	912436	921915	1.04	cps
Iron	54-2	1689140	1644479	1594954	1642858	2.87	cps
Iron	56-2	29746847	29284458	28303306	29111537	2.53	cps
Iron	57-2	726508	703142	681381	703677	3.21	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	280	277	312	290	6.73	cps
Lead	206-1	12532316	12248671	12253639	12344875	1.32	cps
Lead	207-1	10780243	10806905	10784900	10790683	0.13	cps
Lead	208-1	49594785	48944151	48853768	49130901	0.82	cps
Lithium	6-1	2043371	2071281	2116833	2077162	1.79	cps
Magnesium	24-2	5911437	5928745	5718950	5853044	1.99	cps
Manganese	55-2	3716358	3658661	3400493	3591837	4.68	cps
Molybdenum	94-1	10247114	10187805	10388958	10274626	1.01	cps
Molybdenum	95-1	14986922	15151363	15207041	15115108	0.76	cps
Molybdenum	96-1	15942179	16915052	16540405	16465879	2.98	cps
Molybdenum	97-1	9317505	9457571	9259740	9344939	1.09	cps
Molybdenum	98-1	24343116	24130594	23865588	24113099	0.99	cps
Neodymium	150-1	320	313	280	304	7.04	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	347711	341921	326723	338785	3.20	cps
Phosphorus	31-2	23536	23603	22810	23316	1.89	cps
Potassium	39-2	1872852	1821404	1811636	1835297	1.79	cps
Rhodium	103-1	6505367	6646795	6572786	6574983	1.08	cps
Rhodium	103-2	2839673	2749603	2802077	2797117	1.62	cps
Scandium	45-1	4494686	4625013	4669124	4596274	1.97	cps
Scandium	45-2	131701	132553	131843	132032	0.35	cps
Selenium	82-1	61795	63235	63015	62682	1.24	cps
Selenium	77-2	1690	1453	1533	1559	7.72	cps
Selenium	78-2	5510	5412	5411	5444	1.05	cps
Silicon	28-1	2447640	2676010	2851105	2658252	7.61	cps
Silver	107-1	3850887	3856899	3939650	3882479	1.28	cps
Silver	109-1	3651388	3742649	3709437	3701158	1.25	cps
Sodium	23-2	10416527	10550059	9778793	10248460	4.02	cps
Strontium	86-1	22219878	22355944	21755234	22110352	1.42	cps
Strontium	88-1	190382425	190470458	185921292	188924725	1.38	cps
Sulfur	34-1	633125	632971	631676	632591	0.13	cps
Terbium	159-1	9105581	8916858	9142643	9055027	1.34	cps
Terbium	159-2	3647523	3669567	3585697	3634262	1.20	cps
Thallium	203-1	2969606	2837129	2902116	2902950	2.28	cps
Thallium	205-1	6819902	6885848	6904049	6869933	0.64	cps
Tin	118-1	2326981	2321335	2323047	2323788	0.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151245BS	Instrumnet Name :	P8
Client Sample ID :	PB151245BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:13:11	DataFile Name :	072LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4097729	4213504	4271963	4194399	2.11	cps
Uranium	238-1	9196701	9290031	9384857	9290530	1.01	cps
Vanadium	51-2	530475	514650	492507	512544	3.72	cps
Ytterbium	172-1	100	50	75	75	33.33	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	12781	13140	11981	12634	4.70	cps
Ytterbium	176-2	13262	13407	13335	13335	0.54	cps
Yttrium	89-1	9792438	10007154	9976743	9925445	1.17	cps
Yttrium	89-2	945557	941661	939566	942261	0.32	cps
Zinc	66-2	1225577	1208413	1166391	1200127	2.54	cps
Zirconium	90-1	4860906	4924509	4956089	4913835	0.99	cps
Zirconium	91-1	1064649	1100902	1056400	1073984	2.20	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2376	2254	2319	2316	2.65	cps
Antimony	121-1	2992	3351	3676	3339	10.24	cps
Arsenic	75-2	176	203	192	190	7.13	cps
Barium	135-1	18163	18855	19289	18769	3.03	cps
Barium	137-1	32690	32574	32682	32648	0.20	cps
Beryllium	9-1	137	82	109	110	25.10	cps
Bismuth	209-1	5920923	6088732	5828301	5945985	2.22	cps
Bismuth	209-2	3014699	3288510	2937292	3080167	5.99	cps
Boron	10-1	11778	10005	9085	10290	13.30	cps
Boron	11-1	49496	44130	38928	44184	11.96	cps
Bromine	81-1	28810	28338	29682	28943	2.36	cps
Cadmium	111-1	3786	4065	3777	3876	4.23	cps
Cadmium	106-1	3767	4134	3759	3887	5.51	cps
Cadmium	108-1	204	196	138	179	20.28	cps
Calcium	43-1	114167	114746	115185	114699	0.45	cps
Calcium	44-1	1979835	1999155	2008063	1995685	0.72	cps
Carbon	12-1	217023938	246230972	253123464	238792791	8.03	cps
Carbon	12-2	3008570	2962638	2903476	2958228	1.78	cps
Chlorine	35-1	2991583	3068802	3052101	3037495	1.34	cps
Chlorine	35-2	20782	20482	20690	20651	0.75	cps
Chromium	52-2	1383	1190	1250	1275	7.76	cps
Cobalt	59-2	890	887	980	919	5.76	cps
Copper	63-2	22425	22294	22698	22472	0.92	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	23	10	30	21	48.24	cps
Erbium	164-1	133	117	92	114	18.41	cps
Erbium	164-2	30	30	33	31	6.18	cps
Gadolinium	160-1	67	92	100	86	20.14	cps
Gadolinium	160-2	153	117	177	149	20.31	cps
Holmium	165-1	9001508	8987418	9322133	9103686	2.08	cps
Holmium	165-2	4014656	4347201	3934434	4098764	5.34	cps
Indium	115-1	7398259	7088741	6938452	7141817	3.28	cps
Indium	115-2	997401	1092026	979718	1023048	5.90	cps
Iron	54-2	127269	122113	123851	124411	2.11	cps
Iron	56-2	2390543	2403997	2351839	2382126	1.14	cps
Iron	57-2	57143	57806	56880	57276	0.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	300	267	299	289	6.38	cps
Lead	206-1	98769	102352	98130	99750	2.28	cps
Lead	207-1	79700	82288	80370	80786	1.66	cps
Lead	208-1	376873	390986	376457	381439	2.17	cps
Lithium	6-1	2125013	2074703	2107683	2102466	1.22	cps
Magnesium	24-2	15150	14524	14458	14711	2.60	cps
Manganese	55-2	21516	21206	21496	21406	0.81	cps
Molybdenum	94-1	8678	8269	8486	8478	2.41	cps
Molybdenum	95-1	13574	12773	12856	13068	3.37	cps
Molybdenum	96-1	14316	14141	14383	14280	0.87	cps
Molybdenum	97-1	8703	7869	8136	8236	5.17	cps
Molybdenum	98-1	21676	19815	20157	20549	4.82	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	13	20	20	18	21.66	cps
Nickel	60-2	1167	1110	1137	1138	2.49	cps
Phosphorus	31-2	21049	21141	20949	21046	0.46	cps
Potassium	39-2	3321752	3344740	3220332	3295608	2.01	cps
Rhodium	103-1	6988853	6980500	6867485	6945613	0.98	cps
Rhodium	103-2	3033971	3333077	3065616	3144221	5.23	cps
Scandium	45-1	4861203	4755732	4705656	4774197	1.66	cps
Scandium	45-2	140802	153316	136507	143541	6.08	cps
Selenium	82-1	55	155	186	132	51.91	cps
Selenium	77-2	0	13	13	9	86.60	cps
Selenium	78-2	73	69	80	74	7.52	cps
Silicon	28-1	2927847	3078017	3152532	3052799	3.75	cps
Silver	107-1	4150	592	767	1836	109.24	cps
Silver	109-1	1309	742	592	881	42.96	cps
Sodium	23-2	163504	162606	157817	161309	1.90	cps
Strontium	86-1	21617	21167	20223	21003	3.39	cps
Strontium	88-1	181481	179037	180663	180394	0.69	cps
Sulfur	34-1	322050	327117	321081	323416	1.00	cps
Terbium	159-1	9398021	9150386	9496970	9348459	1.91	cps
Terbium	159-2	3870830	4270656	3827581	3989689	6.12	cps
Thallium	203-1	708	617	383	569	29.43	cps
Thallium	205-1	1650	1684	1458	1597	7.60	cps
Tin	118-1	4526	4209	4551	4429	4.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1803-08DLX10	Instrumnet Name :	P8
Client Sample ID :	1711DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:16:00	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5851	5026	5751	5543	8.13	cps
Uranium	238-1	833	558	683	692	19.91	cps
Vanadium	51-2	163	187	267	206	26.36	cps
Ytterbium	172-1	83	50	17	50	66.67	cps
Ytterbium	172-2	17	22	39	26	44.60	cps
Ytterbium	176-1	1609	1575	1483	1556	4.16	cps
Ytterbium	176-2	9498	10788	9253	9846	8.37	cps
Yttrium	89-1	10439299	9830710	10162200	10144070	3.00	cps
Yttrium	89-2	1012408	1094602	987926	1031645	5.42	cps
Zinc	66-2	262037	256858	257743	258879	1.07	cps
Zirconium	90-1	2234	2109	4176	2839	40.82	cps
Zirconium	91-1	425	425	792	547	38.69	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3910	3838	4194	3981	4.73	cps
Antimony	121-1	5826	6593	7110	6510	9.92	cps
Arsenic	75-2	2082	2185	2329	2199	5.64	cps
Barium	135-1	2684	2509	2900	2698	7.27	cps
Barium	137-1	4659	4634	4176	4490	6.06	cps
Beryllium	9-1	71	49	55	58	19.91	cps
Bismuth	209-1	6401974	6408306	6721274	6510518	2.80	cps
Bismuth	209-2	3080673	3348768	3251867	3227102	4.21	cps
Boron	10-1	33425	34369	34243	34013	1.51	cps
Boron	11-1	148536	153712	156423	152890	2.62	cps
Bromine	81-1	35582	37840	38924	37449	4.55	cps
Cadmium	111-1	2847	3031	3137	3005	4.89	cps
Cadmium	106-1	3934	4184	4442	4187	6.07	cps
Cadmium	108-1	129	92	92	104	20.78	cps
Calcium	43-1	3035	3177	3177	3130	2.63	cps
Calcium	44-1	353195	386151	396248	378532	5.95	cps
Carbon	12-1	1658902204	1722099838	1832425974	1737809339	5.05	cps
Carbon	12-2	20774050	20264878	20135073	20391334	1.66	cps
Chlorine	35-1	2803822	2826744	2870573	2833713	1.20	cps
Chlorine	35-2	19464	18671	19071	19069	2.08	cps
Chromium	52-2	1373	1507	1437	1439	4.64	cps
Cobalt	59-2	400	393	430	408	4.79	cps
Copper	63-2	18746	19240	18225	18737	2.71	cps
Dysprosium	156-1	92	42	133	89	51.63	cps
Dysprosium	156-2	33	30	27	30	11.10	cps
Erbium	164-1	142	142	133	139	3.46	cps
Erbium	164-2	23	70	77	57	51.29	cps
Gadolinium	160-1	125	133	125	128	3.77	cps
Gadolinium	160-2	177	153	190	173	10.71	cps
Holmium	165-1	9870899	10020521	10519275	10136898	3.35	cps
Holmium	165-2	4102267	4465530	4466453	4344750	4.83	cps
Indium	115-1	7404880	7627896	8019751	7684176	4.05	cps
Indium	115-2	1038095	1141851	1127892	1102612	5.11	cps
Iron	54-2	22206	21550	20832	21529	3.19	cps
Iron	56-2	393326	396481	389175	392994	0.93	cps
Iron	57-2	9892	9692	9526	9703	1.89	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	282	234	265	260	9.48	cps
Lead	206-1	3651	3645	3978	3758	5.08	cps
Lead	207-1	2945	3100	2939	2995	3.05	cps
Lead	208-1	14231	14948	14720	14633	2.50	cps
Lithium	6-1	2365932	2301119	2411954	2359668	2.36	cps
Magnesium	24-2	4059	4601	4209	4290	6.52	cps
Manganese	55-2	8276	8376	8009	8220	2.31	cps
Molybdenum	94-1	3926	4026	3859	3937	2.13	cps
Molybdenum	95-1	5401	5493	5184	5360	2.96	cps
Molybdenum	96-1	4968	4634	4026	4543	10.51	cps
Molybdenum	97-1	2717	3000	2659	2792	6.55	cps
Molybdenum	98-1	6435	6468	6785	6563	2.94	cps
Neodymium	150-1	67	120	80	89	31.22	cps
Neodymium	150-2	33	20	43	32	36.33	cps
Nickel	60-2	740	663	657	687	6.74	cps
Phosphorus	31-2	792903	766661	763863	774476	2.07	cps
Potassium	39-2	49708590	48611021	49397873	49239161	1.15	cps
Rhodium	103-1	7250997	7413443	7791804	7485414	3.71	cps
Rhodium	103-2	3164402	3440456	3395369	3333409	4.44	cps
Scandium	45-1	5104958	5317654	5573240	5331950	4.40	cps
Scandium	45-2	149346	161683	158930	156653	4.13	cps
Selenium	82-1	2577	3268	3356	3067	13.90	cps
Selenium	77-2	87	97	83	89	7.81	cps
Selenium	78-2	410	387	381	393	3.90	cps
Silicon	28-1	15580008	16093060	16841151	16171406	3.92	cps
Silver	107-1	667	317	300	428	48.45	cps
Silver	109-1	17205	233	317	5918	165.16	cps
Sodium	23-2	780027	781661	765037	775575	1.18	cps
Strontium	86-1	2717	2667	2425	2603	5.99	cps
Strontium	88-1	20132	19723	19389	19748	1.88	cps
Sulfur	34-1	279541	267757	263999	270432	3.00	cps
Terbium	159-1	9955540	10413566	10485154	10284753	2.79	cps
Terbium	159-2	4185363	4655519	4369016	4403299	5.38	cps
Thallium	203-1	292	400	308	333	17.50	cps
Thallium	205-1	792	792	467	683	27.46	cps
Tin	118-1	1083	942	1258	1095	14.49	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DLX10	Instrumnet Name :	P8
Client Sample ID :	2321DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:19:02	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150836	155199	148636	151557	2.20	cps
Uranium	238-1	233	192	158	194	19.32	cps
Vanadium	51-2	420	477	390	429	10.26	cps
Ytterbium	172-1	42	83	83	69	34.64	cps
Ytterbium	172-2	17	44	44	35	45.58	cps
Ytterbium	176-1	1750	2092	2042	1961	9.41	cps
Ytterbium	176-2	9559	10710	10482	10250	5.95	cps
Yttrium	89-1	11019895	11224497	11970286	11404893	4.39	cps
Yttrium	89-2	1072932	1164762	1136002	1124565	4.18	cps
Zinc	66-2	3907	4301	3987	4065	5.12	cps
Zirconium	90-1	3075	3601	3626	3434	9.05	cps
Zirconium	91-1	775	717	708	733	4.95	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10648	10381	10174	10401	2.28	cps
Antimony	121-1	5393	5560	5510	5487	1.56	cps
Arsenic	75-2	722	778	742	747	3.80	cps
Barium	135-1	9012	8578	8987	8859	2.75	cps
Barium	137-1	14516	16636	16402	15851	7.33	cps
Beryllium	9-1	67	52	69	63	14.37	cps
Bismuth	209-1	6757080	6450366	6242373	6483273	3.99	cps
Bismuth	209-2	3280133	3264659	3137915	3227569	2.42	cps
Boron	10-1	213354	226043	228053	222483	3.58	cps
Boron	11-1	904781	923125	983397	937101	4.39	cps
Bromine	81-1	35201	35331	35984	35505	1.18	cps
Cadmium	111-1	3082	3238	2811	3044	7.09	cps
Cadmium	106-1	4142	4292	3784	4073	6.41	cps
Cadmium	108-1	108	54	83	82	33.08	cps
Calcium	43-1	26262	26608	26530	26466	0.69	cps
Calcium	44-1	568400	584943	581775	578373	1.52	cps
Carbon	12-1	651861031	676478015	695270966	674536671	3.23	cps
Carbon	12-2	8151173	7768601	7807116	7908963	2.66	cps
Chlorine	35-1	2990878	3057899	3009028	3019268	1.15	cps
Chlorine	35-2	20807	20064	20073	20315	2.10	cps
Chromium	52-2	2757	2887	2714	2786	3.24	cps
Cobalt	59-2	2077	2154	2134	2121	1.88	cps
Copper	63-2	35618	34509	34462	34863	1.88	cps
Dysprosium	156-1	550	617	575	581	5.80	cps
Dysprosium	156-2	243	233	247	241	2.88	cps
Erbium	164-1	667	767	567	667	15.00	cps
Erbium	164-2	217	267	243	242	10.33	cps
Gadolinium	160-1	592	542	733	622	15.98	cps
Gadolinium	160-2	363	367	397	376	4.89	cps
Holmium	165-1	10095857	9804951	9751230	9884012	1.88	cps
Holmium	165-2	4396631	4297420	4220338	4304796	2.05	cps
Indium	115-1	7832291	7735370	7678683	7748781	1.00	cps
Indium	115-2	1106338	1097310	1098066	1100571	0.46	cps
Iron	54-2	278046	267753	260737	268845	3.24	cps
Iron	56-2	5190046	5058886	4980690	5076541	2.08	cps
Iron	57-2	125333	121116	119033	121827	2.63	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	294	284	295	4.04	cps
Lead	206-1	69263	70295	71011	70190	1.25	cps
Lead	207-1	58728	58951	58510	58730	0.37	cps
Lead	208-1	273206	274865	274567	274213	0.32	cps
Lithium	6-1	2399893	2227125	2290185	2305734	3.79	cps
Magnesium	24-2	769782	722241	708766	733596	4.37	cps
Manganese	55-2	23930	23373	22505	23269	3.09	cps
Molybdenum	94-1	2317	2500	2642	2486	6.55	cps
Molybdenum	95-1	2675	2675	2509	2620	3.67	cps
Molybdenum	96-1	3200	3234	3417	3284	3.55	cps
Molybdenum	97-1	1583	1550	1825	1653	9.08	cps
Molybdenum	98-1	4326	4342	4134	4267	2.71	cps
Neodymium	150-1	873	813	807	831	4.42	cps
Neodymium	150-2	257	197	200	218	15.48	cps
Nickel	60-2	1330	1207	1207	1248	5.71	cps
Phosphorus	31-2	8744	8303	7886	8311	5.17	cps
Potassium	39-2	1593953	1617878	1532838	1581556	2.77	cps
Rhodium	103-1	7817563	7787867	7740593	7782008	0.50	cps
Rhodium	103-2	3410439	3282738	3400147	3364442	2.11	cps
Scandium	45-1	5239958	5389090	5198794	5275947	1.90	cps
Scandium	45-2	157036	155238	152077	154784	1.62	cps
Selenium	82-1	1316	1607	1749	1557	14.16	cps
Selenium	77-2	40	37	27	34	20.14	cps
Selenium	78-2	188	230	210	209	10.04	cps
Silicon	28-1	7340144	7692720	7330837	7454567	2.77	cps
Silver	107-1	483	400	408	431	10.66	cps
Silver	109-1	333	333	400	356	10.83	cps
Sodium	23-2	440485	423485	414371	426114	3.11	cps
Strontium	86-1	11755	11055	10788	11199	4.46	cps
Strontium	88-1	92769	94000	91777	92849	1.20	cps
Sulfur	34-1	315009	315092	312736	314279	0.43	cps
Terbium	159-1	9897027	10004099	9934216	9945114	0.55	cps
Terbium	159-2	4257955	4163519	4135562	4185679	1.53	cps
Thallium	203-1	192	217	200	203	6.28	cps
Thallium	205-1	433	367	450	417	10.58	cps
Tin	118-1	1642	1909	1575	1708	10.33	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-07DLX10	Instrumnet Name :	P8
Client Sample ID :	662DL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:22:04	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11738	11196	10913	11282	3.72	cps
Uranium	238-1	825	842	842	836	1.15	cps
Vanadium	51-2	1180	1047	1107	1111	6.01	cps
Ytterbium	172-1	225	292	192	236	21.57	cps
Ytterbium	172-2	89	111	78	93	18.33	cps
Ytterbium	176-1	1809	1658	1767	1745	4.44	cps
Ytterbium	176-2	9898	10599	10215	10237	3.43	cps
Yttrium	89-1	11689700	11400348	11248805	11446284	1.96	cps
Yttrium	89-2	1118249	1129088	1098146	1115161	1.41	cps
Zinc	66-2	148368	146382	142709	145820	1.97	cps
Zirconium	90-1	2759	3025	3267	3017	8.43	cps
Zirconium	91-1	767	800	650	739	10.66	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4000	4053	4246	4100	3.16	cps
Antimony	121-1	5601	6485	6860	6316	10.23	cps
Arsenic	75-2	3068	3207	3176	3150	2.32	cps
Barium	135-1	2492	2717	2725	2645	5.01	cps
Barium	137-1	4434	4834	4876	4715	5.17	cps
Beryllium	9-1	51	46	44	47	8.11	cps
Bismuth	209-1	6382859	6525027	6468660	6458849	1.11	cps
Bismuth	209-2	3370766	3328583	3342480	3347276	0.64	cps
Boron	10-1	39605	40979	38956	39847	2.59	cps
Boron	11-1	179004	178021	180320	179115	0.64	cps
Bromine	81-1	40793	39968	37841	39534	3.85	cps
Cadmium	111-1	2921	3430	2978	3109	8.97	cps
Cadmium	106-1	4076	4734	4184	4331	8.15	cps
Cadmium	108-1	88	67	121	92	29.81	cps
Calcium	43-1	3116	3215	3304	3212	2.92	cps
Calcium	44-1	372107	398373	419388	396623	5.97	cps
Carbon	12-1	1631720170	1785261773	1808592507	1741858150	5.52	cps
Carbon	12-2	20809881	20712761	20974031	20832224	0.63	cps
Chlorine	35-1	2599360	2591164	2568255	2586259	0.62	cps
Chlorine	35-2	17895	17378	17528	17600	1.51	cps
Chromium	52-2	1590	1583	1537	1570	1.85	cps
Cobalt	59-2	330	383	487	400	19.91	cps
Copper	63-2	18656	19941	19223	19273	3.34	cps
Dysprosium	156-1	67	100	67	78	24.74	cps
Dysprosium	156-2	17	27	27	23	24.74	cps
Erbium	164-1	167	92	150	136	28.93	cps
Erbium	164-2	43	67	53	54	21.51	cps
Gadolinium	160-1	117	83	92	97	17.84	cps
Gadolinium	160-2	200	163	177	180	10.31	cps
Holmium	165-1	10461484	10585747	10330257	10459163	1.22	cps
Holmium	165-2	4596013	4619509	4571003	4595508	0.53	cps
Indium	115-1	7928964	8084465	8120523	8044651	1.27	cps
Indium	115-2	1164421	1184421	1174692	1174511	0.85	cps
Iron	54-2	21884	22140	22474	22166	1.33	cps
Iron	56-2	400523	401986	407573	403361	0.92	cps
Iron	57-2	9776	10187	10020	9994	2.07	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	254	287	269	270	6.26	cps
Lead	206-1	3423	3823	3601	3615	5.54	cps
Lead	207-1	3112	3017	2906	3012	3.42	cps
Lead	208-1	14025	14565	13959	14183	2.34	cps
Lithium	6-1	2392297	2445894	2412736	2416976	1.12	cps
Magnesium	24-2	4342	4501	5101	4648	8.61	cps
Manganese	55-2	8039	8256	8249	8181	1.51	cps
Molybdenum	94-1	3309	3542	3876	3576	7.97	cps
Molybdenum	95-1	3967	4467	4693	4376	8.48	cps
Molybdenum	96-1	4292	4409	4634	4445	3.91	cps
Molybdenum	97-1	2442	2617	2550	2536	3.48	cps
Molybdenum	98-1	6085	5993	6560	6213	4.90	cps
Neodymium	150-1	127	113	113	118	6.53	cps
Neodymium	150-2	33	23	30	29	17.63	cps
Nickel	60-2	683	700	677	687	1.75	cps
Phosphorus	31-2	810143	818147	808188	812159	0.65	cps
Potassium	39-2	49926683	50518827	51435096	50626869	1.50	cps
Rhodium	103-1	7872607	7763289	7806112	7814002	0.70	cps
Rhodium	103-2	3437463	3492720	3554155	3494779	1.67	cps
Scandium	45-1	5481495	5509550	5555430	5515492	0.68	cps
Scandium	45-2	165929	169659	167678	167755	1.11	cps
Selenium	82-1	2848	3225	3519	3197	10.53	cps
Selenium	77-2	117	97	117	110	10.50	cps
Selenium	78-2	373	373	395	380	3.34	cps
Silicon	28-1	14745767	15755842	16123367	15541659	4.59	cps
Silver	107-1	275	283	233	264	10.15	cps
Silver	109-1	258	258	208	242	11.94	cps
Sodium	23-2	789786	785098	779055	784646	0.69	cps
Strontium	86-1	2884	2375	2375	2545	11.53	cps
Strontium	88-1	19364	19047	18963	19125	1.11	cps
Sulfur	34-1	254678	254121	253644	254148	0.20	cps
Terbium	159-1	10374037	10421672	10932445	10576051	2.93	cps
Terbium	159-2	4430313	4491373	4628383	4516690	2.25	cps
Thallium	203-1	183	158	108	150	25.46	cps
Thallium	205-1	383	367	275	342	17.07	cps
Tin	118-1	1267	1333	1142	1247	7.80	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:25:07	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	135163	134035	140711	136636	2.62	cps
Uranium	238-1	83	42	83	69	34.64	cps
Vanadium	51-2	420	457	497	458	8.38	cps
Ytterbium	172-1	17	58	33	36	58.07	cps
Ytterbium	172-2	39	6	17	20	83.30	cps
Ytterbium	176-1	1683	1692	1709	1695	0.75	cps
Ytterbium	176-2	10827	11144	11372	11114	2.46	cps
Yttrium	89-1	11781639	11832378	11873759	11829259	0.39	cps
Yttrium	89-2	1196342	1222644	1203893	1207626	1.12	cps
Zinc	66-2	4181	4364	4361	4302	2.44	cps
Zirconium	90-1	3384	3651	3492	3509	3.82	cps
Zirconium	91-1	592	742	750	694	12.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	795	762	784	780	2.11	cps
Antimony	121-1	1117	1308	1450	1292	12.95	cps
Arsenic	75-2	183	176	171	177	3.41	cps
Barium	135-1	533	600	667	600	11.11	cps
Barium	137-1	908	950	1150	1003	12.88	cps
Beryllium	9-1	51	40	26	39	31.96	cps
Bismuth	209-1	6306342	6455800	6012293	6258145	3.61	cps
Bismuth	209-2	3007938	3014935	3037604	3020159	0.51	cps
Boron	10-1	10684	10178	10170	10344	2.85	cps
Boron	11-1	47860	45774	45794	46476	2.58	cps
Bromine	81-1	34990	31799	33535	33442	4.78	cps
Cadmium	111-1	3046	2594	2820	2820	8.03	cps
Cadmium	106-1	4326	3634	4017	3992	8.68	cps
Cadmium	108-1	75	42	83	67	33.07	cps
Calcium	43-1	895	869	871	878	1.65	cps
Calcium	44-1	121451	125357	123072	123293	1.59	cps
Carbon	12-1	389986834	401264809	394734775	395328806	1.43	cps
Carbon	12-2	4453168	4531665	4290112	4424982	2.78	cps
Chlorine	35-1	2546154	2527491	2473745	2515797	1.49	cps
Chlorine	35-2	17311	16034	16668	16671	3.83	cps
Chromium	52-2	693	667	777	712	8.06	cps
Cobalt	59-2	97	87	100	94	7.35	cps
Copper	63-2	4541	4474	4381	4465	1.80	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	100	83	83	89	10.82	cps
Erbium	164-2	20	27	13	20	33.35	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	117	150	130	132	12.69	cps
Holmium	165-1	9709990	9498000	9483783	9563925	1.32	cps
Holmium	165-2	3947789	4120258	4067818	4045288	2.19	cps
Indium	115-1	7828664	7637490	7398514	7621556	2.83	cps
Indium	115-2	1034379	1075192	1069738	1059769	2.09	cps
Iron	54-2	4795	4845	4529	4723	3.61	cps
Iron	56-2	80203	79800	78627	79543	1.03	cps
Iron	57-2	1861	2045	2145	2017	7.13	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	284	279	297	287	3.39	cps
Lead	206-1	1228	1161	1195	1195	2.79	cps
Lead	207-1	956	1033	1022	1004	4.19	cps
Lead	208-1	4634	4400	4550	4528	2.61	cps
Lithium	6-1	2247220	2352786	2257977	2285994	2.54	cps
Magnesium	24-2	1067	867	958	964	10.39	cps
Manganese	55-2	1660	1530	1503	1565	5.36	cps
Molybdenum	94-1	875	900	1117	964	13.79	cps
Molybdenum	95-1	1025	1075	1025	1042	2.77	cps
Molybdenum	96-1	1058	1017	1025	1033	2.13	cps
Molybdenum	97-1	650	608	508	589	12.36	cps
Molybdenum	98-1	1342	1475	1558	1458	7.49	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	307	233	297	279	14.26	cps
Phosphorus	31-2	127612	125728	128201	127180	1.02	cps
Potassium	39-2	9553118	9647500	9757647	9652755	1.06	cps
Rhodium	103-1	7760567	7587390	7333940	7560633	2.84	cps
Rhodium	103-2	3144659	3230510	3191934	3189034	1.35	cps
Scandium	45-1	5365975	5373694	5234456	5324709	1.47	cps
Scandium	45-2	143830	149757	151461	148349	2.70	cps
Selenium	82-1	1086	1000	1050	1045	4.14	cps
Selenium	77-2	23	17	17	19	20.36	cps
Selenium	78-2	136	133	140	136	2.58	cps
Silicon	28-1	3501993	3537922	3554519	3531478	0.76	cps
Silver	107-1	242	225	208	225	7.41	cps
Silver	109-1	217	167	217	200	14.43	cps
Sodium	23-2	159329	159206	152789	157108	2.38	cps
Strontium	86-1	1008	1058	1000	1022	3.09	cps
Strontium	88-1	4709	4801	4259	4590	6.32	cps
Sulfur	34-1	224261	224370	221131	223254	0.82	cps
Terbium	159-1	10081615	9996973	9805258	9961282	1.42	cps
Terbium	159-2	3914882	4101948	4035962	4017598	2.36	cps
Thallium	203-1	133	58	92	94	39.79	cps
Thallium	205-1	275	358	250	294	19.27	cps
Tin	118-1	758	700	742	733	4.10	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDLX50	Instrumnet Name :	P8
Client Sample ID :	2321LDL	Dilution Factor :	50
Date & Time Acquired :	2023-03-09 17:28:09	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21350	21934	20699	21328	2.90	cps
Uranium	238-1	50	58	83	64	27.15	cps
Vanadium	51-2	100	60	97	86	25.94	cps
Ytterbium	172-1	25	42	42	36	26.65	cps
Ytterbium	172-2	17	17	39	24	53.28	cps
Ytterbium	176-1	1550	1550	1734	1611	6.57	cps
Ytterbium	176-2	9114	9809	10143	9689	5.42	cps
Yttrium	89-1	11527467	11397371	11106407	11343748	1.90	cps
Yttrium	89-2	1058982	1076536	1093729	1076416	1.61	cps
Zinc	66-2	1247	1177	1123	1182	5.23	cps
Zirconium	90-1	1233	1300	1317	1283	3.44	cps
Zirconium	91-1	233	225	167	208	17.44	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50985	49600	48627	49737	2.38	cps
Antimony	121-1	307112	310251	300568	305977	1.61	cps
Arsenic	75-2	11672	11746	11678	11699	0.35	cps
Barium	135-1	347072	355141	344521	348912	1.59	cps
Barium	137-1	604039	615673	602429	607380	1.19	cps
Beryllium	9-1	76386	78238	75637	76754	1.74	cps
Bismuth	209-1	6189231	6442216	6396834	6342760	2.13	cps
Bismuth	209-2	3205486	3009239	3226458	3147061	3.81	cps
Boron	10-1	32936	35658	34189	34261	3.98	cps
Boron	11-1	146088	159088	150758	151978	4.33	cps
Bromine	81-1	39196	39839	36325	38453	4.87	cps
Cadmium	111-1	91423	92768	91097	91763	0.97	cps
Cadmium	106-1	13532	13215	13432	13393	1.21	cps
Cadmium	108-1	6931	6452	6427	6603	4.31	cps
Calcium	43-1	104559	106603	104339	105167	1.19	cps
Calcium	44-1	2080441	2125639	2009520	2071867	2.83	cps
Carbon	12-1	1024668723	1093044558	1126354092	1081355791	4.79	cps
Carbon	12-2	12790832	12679103	12676697	12715544	0.51	cps
Chlorine	35-1	2395001	2424644	2379159	2399601	0.96	cps
Chlorine	35-2	16468	17035	16351	16618	2.20	cps
Chromium	52-2	77090	75033	75002	75708	1.58	cps
Cobalt	59-2	144740	141016	137375	141044	2.61	cps
Copper	63-2	1180765	1161721	1132917	1158468	2.08	cps
Dysprosium	156-1	133	117	67	106	32.87	cps
Dysprosium	156-2	27	30	27	28	6.92	cps
Erbium	164-1	125	125	108	119	8.05	cps
Erbium	164-2	50	23	40	38	35.67	cps
Gadolinium	160-1	100	117	117	111	8.66	cps
Gadolinium	160-2	167	157	137	153	9.96	cps
Holmium	165-1	9608553	10287190	10187454	10027732	3.65	cps
Holmium	165-2	4265316	4342158	4431838	4346437	1.92	cps
Indium	115-1	7595540	8005356	8079303	7893400	3.30	cps
Indium	115-2	1136126	1114866	1148697	1133230	1.51	cps
Iron	54-2	200870	192237	194287	195798	2.30	cps
Iron	56-2	3797118	3544536	3632195	3657950	3.51	cps
Iron	57-2	88362	88379	87534	88092	0.55	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	292	297	274	288	4.35	cps
Lead	206-1	1196283	1206494	1187109	1196629	0.81	cps
Lead	207-1	1044189	1065074	1025960	1045074	1.87	cps
Lead	208-1	4973033	4992821	4849512	4938455	1.57	cps
Lithium	6-1	2230088	2372839	2363626	2322184	3.44	cps
Magnesium	24-2	681944	671389	664650	672661	1.30	cps
Manganese	55-2	426194	413150	409240	416195	2.13	cps
Molybdenum	94-1	578316	578174	575444	577312	0.28	cps
Molybdenum	95-1	654676	668090	650286	657684	1.41	cps
Molybdenum	96-1	735640	741427	738389	738485	0.39	cps
Molybdenum	97-1	405373	414076	402746	407398	1.46	cps
Molybdenum	98-1	1045417	1049918	1022634	1039323	1.41	cps
Neodymium	150-1	140	80	127	116	27.26	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	39973	39184	38686	39281	1.65	cps
Phosphorus	31-2	506462	492564	487585	495537	1.97	cps
Potassium	39-2	33571200	34200621	34546487	34106103	1.45	cps
Rhodium	103-1	7569504	7704907	7659824	7644745	0.90	cps
Rhodium	103-2	3441419	3291928	3461512	3398286	2.73	cps
Scandium	45-1	5256645	5486590	5556286	5433173	2.89	cps
Scandium	45-2	161234	162138	170312	164561	3.04	cps
Selenium	82-1	10858	11622	11725	11402	4.15	cps
Selenium	77-2	340	307	307	318	6.06	cps
Selenium	78-2	1116	1080	1136	1111	2.56	cps
Silicon	28-1	8968632	9547092	9582722	9366149	3.68	cps
Silver	107-1	295124	290709	301159	295664	1.77	cps
Silver	109-1	291908	282671	278085	284221	2.48	cps
Sodium	23-2	1811115	1771566	1746424	1776368	1.84	cps
Strontium	86-1	101537	105423	103525	103495	1.88	cps
Strontium	88-1	874353	883607	899509	885823	1.44	cps
Sulfur	34-1	247704	251923	247803	249143	0.97	cps
Terbium	159-1	9738313	10483467	10419822	10213867	4.04	cps
Terbium	159-2	4195655	4283814	4410988	4296819	2.52	cps
Thallium	203-1	289029	303168	288704	293634	2.81	cps
Thallium	205-1	688570	719766	697601	701979	2.29	cps
Tin	118-1	245717	252425	249581	249241	1.35	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:31:13	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	268948	282648	271303	274300	2.67	cps
Uranium	238-1	962930	999996	960638	974522	2.27	cps
Vanadium	51-2	61150	61810	60172	61044	1.35	cps
Ytterbium	172-1	83	58	100	81	26.04	cps
Ytterbium	172-2	56	6	0	20	150.19	cps
Ytterbium	176-1	2359	2609	2525	2498	5.10	cps
Ytterbium	176-2	10276	10515	10999	10597	3.48	cps
Yttrium	89-1	11464557	11610820	12061304	11712227	2.66	cps
Yttrium	89-2	1160043	1131998	1201545	1164529	3.00	cps
Zinc	66-2	143817	144170	142260	143416	0.71	cps
Zirconium	90-1	544136	559113	555778	553009	1.42	cps
Zirconium	91-1	120436	127064	122343	123281	2.77	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54570	53719	51948	53412	2.50	cps
Antimony	121-1	319379	332079	324458	325305	1.96	cps
Arsenic	75-2	12740	12726	12419	12628	1.44	cps
Barium	135-1	375361	365772	371814	370982	1.31	cps
Barium	137-1	641781	639397	634043	638407	0.62	cps
Beryllium	9-1	80764	82737	81343	81615	1.24	cps
Bismuth	209-1	6244464	6432503	6153699	6276888	2.27	cps
Bismuth	209-2	3119091	3157607	3103814	3126837	0.89	cps
Boron	10-1	36229	36530	35873	36211	0.91	cps
Boron	11-1	155937	162981	165433	161451	3.05	cps
Bromine	81-1	40541	38794	39377	39571	2.25	cps
Cadmium	111-1	97385	100259	95697	97780	2.36	cps
Cadmium	106-1	15275	14375	14541	14731	3.25	cps
Cadmium	108-1	7027	7044	6981	7017	0.46	cps
Calcium	43-1	109043	109787	109170	109333	0.36	cps
Calcium	44-1	2147004	2169807	2217374	2178062	1.65	cps
Carbon	12-1	1120577258	1174072893	1194812127	1163154093	3.29	cps
Carbon	12-2	13788660	13760212	13446391	13665088	1.39	cps
Chlorine	35-1	2430018	2405134	2364742	2399965	1.37	cps
Chlorine	35-2	15342	16076	16401	15940	3.40	cps
Chromium	52-2	82946	82467	81162	82191	1.12	cps
Cobalt	59-2	152717	151795	147255	150589	1.94	cps
Copper	63-2	1255659	1227310	1220099	1234356	1.52	cps
Dysprosium	156-1	92	108	108	103	9.36	cps
Dysprosium	156-2	27	30	40	32	21.53	cps
Erbium	164-1	125	158	108	131	19.50	cps
Erbium	164-2	47	40	50	46	11.18	cps
Gadolinium	160-1	175	192	83	150	38.89	cps
Gadolinium	160-2	127	140	197	154	24.07	cps
Holmium	165-1	10105968	10456239	10168570	10243592	1.82	cps
Holmium	165-2	4420995	4467857	4379157	4422670	1.00	cps
Indium	115-1	8217743	8042512	8107104	8122453	1.09	cps
Indium	115-2	1143153	1150247	1129360	1140920	0.93	cps
Iron	54-2	215502	212437	205892	211277	2.32	cps
Iron	56-2	3964406	3924881	3928358	3939215	0.56	cps
Iron	57-2	98523	96028	92650	95734	3.08	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	299	307	291	299	2.72	cps
Lead	206-1	1257253	1270433	1276637	1268108	0.78	cps
Lead	207-1	1074594	1115133	1070218	1086648	2.28	cps
Lead	208-1	5163058	5280835	5151137	5198343	1.38	cps
Lithium	6-1	2370377	2510195	2458226	2446266	2.89	cps
Magnesium	24-2	728598	720965	695802	715121	2.40	cps
Manganese	55-2	449881	443999	434310	442730	1.78	cps
Molybdenum	94-1	616351	616723	607496	613523	0.85	cps
Molybdenum	95-1	683974	706724	677950	689549	2.20	cps
Molybdenum	96-1	779041	779139	781641	779941	0.19	cps
Molybdenum	97-1	426994	442593	438183	435923	1.84	cps
Molybdenum	98-1	1109357	1111514	1108474	1109782	0.14	cps
Neodymium	150-1	93	167	180	147	31.82	cps
Neodymium	150-2	33	27	10	23	51.50	cps
Nickel	60-2	42056	42062	40725	41614	1.85	cps
Phosphorus	31-2	541549	547920	530392	539954	1.64	cps
Potassium	39-2	38207534	36825759	35351006	36794766	3.88	cps
Rhodium	103-1	7752574	7704770	7929790	7795711	1.52	cps
Rhodium	103-2	3486331	3416233	3333339	3411968	2.24	cps
Scandium	45-1	5331520	5592439	5316012	5413324	2.87	cps
Scandium	45-2	167646	167746	162884	166092	1.67	cps
Selenium	82-1	11998	13449	13419	12955	6.40	cps
Selenium	77-2	393	390	297	360	15.24	cps
Selenium	78-2	1325	1286	1347	1320	2.34	cps
Silicon	28-1	9487396	10094994	10397979	9993456	4.64	cps
Silver	107-1	298955	290883	293292	294377	1.41	cps
Silver	109-1	274173	285959	284739	281624	2.30	cps
Sodium	23-2	1842700	1882832	1850082	1858538	1.15	cps
Strontium	86-1	110287	109698	108806	109597	0.68	cps
Strontium	88-1	945678	950698	929819	942065	1.16	cps
Sulfur	34-1	252467	253978	252703	253049	0.32	cps
Terbium	159-1	10388508	10351154	10543739	10427800	0.98	cps
Terbium	159-2	4337410	4266496	4147990	4250632	2.25	cps
Thallium	203-1	310205	308535	308566	309102	0.31	cps
Thallium	205-1	752322	744064	722417	739601	2.09	cps
Tin	118-1	267092	269733	268114	268313	0.50	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDLX10	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:34:11	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	284328	285129	287900	285786	0.66	cps
Uranium	238-1	995560	1055799	1009488	1020282	3.09	cps
Vanadium	51-2	67274	65211	64097	65527	2.46	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	11	33	11	19	69.28	cps
Ytterbium	176-1	2259	2584	2434	2425	6.71	cps
Ytterbium	176-2	10343	10799	10844	10662	2.60	cps
Yttrium	89-1	11707414	11691575	11892722	11763904	0.95	cps
Yttrium	89-2	1182381	1189043	1181967	1184464	0.34	cps
Zinc	66-2	152672	150748	146185	149868	2.22	cps
Zirconium	90-1	590870	609746	592866	597828	1.73	cps
Zirconium	91-1	132831	134342	132034	133069	0.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55242	54847	54466	54852	0.71	cps
Antimony	121-1	322668	326915	339866	329816	2.72	cps
Arsenic	75-2	12688	12718	12747	12718	0.23	cps
Barium	135-1	378247	378421	394333	383667	2.41	cps
Barium	137-1	664083	655242	672995	664107	1.34	cps
Beryllium	9-1	83985	85565	85601	85050	1.09	cps
Bismuth	209-1	6401622	6523815	6555282	6493573	1.25	cps
Bismuth	209-2	3679190	3540796	3321802	3513929	5.13	cps
Boron	10-1	33892	36522	37468	35961	5.15	cps
Boron	11-1	149466	163591	167787	160281	5.99	cps
Bromine	81-1	39075	36666	40219	38653	4.69	cps
Cadmium	111-1	98895	101848	100169	100304	1.48	cps
Cadmium	106-1	14650	14725	14925	14767	0.96	cps
Cadmium	108-1	7110	7515	7435	7353	2.91	cps
Calcium	43-1	115102	117915	117305	116774	1.27	cps
Calcium	44-1	2243985	2349992	2241094	2278357	2.72	cps
Carbon	12-1	1080161891	1176159160	1210217227	1155512759	5.84	cps
Carbon	12-2	13630276	13492002	13583424	13568568	0.52	cps
Chlorine	35-1	2248376	2268924	2333393	2283564	1.94	cps
Chlorine	35-2	16118	15609	16418	16048	2.55	cps
Chromium	52-2	84904	82862	84888	84218	1.39	cps
Cobalt	59-2	155596	153985	151472	153684	1.35	cps
Copper	63-2	1276316	1283577	1265815	1275236	0.70	cps
Dysprosium	156-1	75	100	92	89	14.32	cps
Dysprosium	156-2	37	43	43	41	9.35	cps
Erbium	164-1	133	150	158	147	8.65	cps
Erbium	164-2	63	60	50	58	12.01	cps
Gadolinium	160-1	108	150	117	125	17.64	cps
Gadolinium	160-2	157	147	173	159	8.48	cps
Holmium	165-1	10301986	10683476	10510031	10498498	1.82	cps
Holmium	165-2	5269396	4809656	4671507	4916853	6.37	cps
Indium	115-1	7844002	8152738	8358693	8118478	3.19	cps
Indium	115-2	1341813	1292335	1203724	1279290	5.47	cps
Iron	54-2	223030	213791	213127	216649	2.56	cps
Iron	56-2	4252023	4031418	4148351	4143931	2.66	cps
Iron	57-2	98349	97494	96408	97417	1.00	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	285	297	314	299	4.83	cps
Lead	206-1	1289910	1303648	1318716	1304091	1.10	cps
Lead	207-1	1120862	1147150	1137314	1135108	1.17	cps
Lead	208-1	5333129	5412659	5463117	5402968	1.21	cps
Lithium	6-1	2499209	2552889	2488462	2513520	1.37	cps
Magnesium	24-2	752874	727549	743546	741323	1.73	cps
Manganese	55-2	464036	450311	451781	455376	1.65	cps
Molybdenum	94-1	621084	630242	632305	627877	0.95	cps
Molybdenum	95-1	699257	730267	717872	715799	2.18	cps
Molybdenum	96-1	798825	825420	811879	812041	1.64	cps
Molybdenum	97-1	434547	458204	454355	449035	2.83	cps
Molybdenum	98-1	1099740	1152518	1147374	1133211	2.57	cps
Neodymium	150-1	133	140	133	136	2.84	cps
Neodymium	150-2	1104	33	23	387	160.52	cps
Nickel	60-2	43654	42721	43112	43162	1.09	cps
Phosphorus	31-2	560456	548990	539910	549785	1.87	cps
Potassium	39-2	38402101	37503910	36940120	37615377	1.96	cps
Rhodium	103-1	7652652	8019049	8023037	7898246	2.69	cps
Rhodium	103-2	3935261	3843598	3540432	3773097	5.48	cps
Scandium	45-1	5591668	5711243	5648031	5650314	1.06	cps
Scandium	45-2	190145	184871	173445	182820	4.67	cps
Selenium	82-1	11631	12845	13535	12670	7.61	cps
Selenium	77-2	407	353	343	368	9.26	cps
Selenium	78-2	1259	1336	1271	1289	3.21	cps
Silicon	28-1	9596712	10157357	10805239	10186436	5.94	cps
Silver	107-1	446647	457846	449993	451495	1.27	cps
Silver	109-1	437322	441764	437683	438923	0.56	cps
Sodium	23-2	2021534	1952860	1905311	1959902	2.98	cps
Strontium	86-1	111588	114713	114688	113663	1.58	cps
Strontium	88-1	965870	986938	973421	975410	1.09	cps
Sulfur	34-1	254987	255345	256920	255751	0.40	cps
Terbium	159-1	10376268	10597738	10645571	10539859	1.36	cps
Terbium	159-2	5077243	5002716	4474146	4851368	6.78	cps
Thallium	203-1	312167	327717	322144	320676	2.46	cps
Thallium	205-1	761845	757666	769310	762940	0.77	cps
Tin	118-1	268193	269242	281811	273082	2.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADLX10	Instrumnet Name :	P8
Client Sample ID :	2321ADL	Dilution Factor :	10
Date & Time Acquired :	2023-03-09 17:40:35	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292514	299580	304868	298987	2.07	cps
Uranium	238-1	1054851	1073002	1046251	1058035	1.29	cps
Vanadium	51-2	66354	67160	66949	66821	0.63	cps
Ytterbium	172-1	42	33	17	31	41.66	cps
Ytterbium	172-2	67	33	39	46	38.58	cps
Ytterbium	176-1	2392	2534	2209	2378	6.85	cps
Ytterbium	176-2	12150	11939	11127	11739	4.60	cps
Yttrium	89-1	11746015	11800833	11802560	11783136	0.27	cps
Yttrium	89-2	1391089	1339980	1228444	1319838	6.30	cps
Zinc	66-2	158079	155186	154497	155921	1.22	cps
Zirconium	90-1	605258	602760	606449	604822	0.31	cps
Zirconium	91-1	134364	133606	134425	134131	0.34	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2530276	2438662	2448479	2472472	2.03	cps
Antimony	121-1	2823932	2662030	2670536	2718833	3.35	cps
Arsenic	75-2	79644	77909	77717	78423	1.35	cps
Barium	135-1	3540252	3437533	3416488	3464758	1.91	cps
Barium	137-1	6095534	5740432	5733715	5856560	3.53	cps
Beryllium	9-1	746329	751951	742950	747076	0.61	cps
Bismuth	209-1	4758077	5286290	5845558	5296642	10.27	cps
Bismuth	209-2	2740356	2871989	2794030	2802125	2.36	cps
Boron	10-1	98595	103484	103838	101972	2.87	cps
Boron	11-1	424180	461918	452656	446251	4.41	cps
Bromine	81-1	33084	31980	32090	32385	1.88	cps
Cadmium	111-1	789948	785388	781130	785488	0.56	cps
Cadmium	106-1	88401	90237	91017	89885	1.49	cps
Cadmium	108-1	62571	62131	61445	62049	0.91	cps
Calcium	43-1	4925432	4803783	4808518	4845911	1.42	cps
Calcium	44-1	78895216	78127442	78324525	78449061	0.51	cps
Carbon	12-1	48045966	45221618	43884362	45717315	4.65	cps
Carbon	12-2	544760	520096	497524	520793	4.54	cps
Chlorine	35-1	2273029	2209754	2166873	2216552	2.41	cps
Chlorine	35-2	15359	14699	14699	14919	2.55	cps
Chromium	52-2	791348	759568	744022	764979	3.15	cps
Cobalt	59-2	1526883	1499734	1459747	1495455	2.26	cps
Copper	63-2	11849254	11677096	11765712	11764021	0.73	cps
Dysprosium	156-1	758	825	833	806	5.10	cps
Dysprosium	156-2	363	307	263	311	16.12	cps
Erbium	164-1	92	75	92	86	11.18	cps
Erbium	164-2	60	43	33	46	29.58	cps
Gadolinium	160-1	708	575	808	697	16.79	cps
Gadolinium	160-2	443	457	480	460	4.03	cps
Holmium	165-1	8235616	9008255	9822279	9022050	8.79	cps
Holmium	165-2	4055017	4268364	4089614	4137665	2.77	cps
Indium	115-1	6447826	7191350	7426875	7022017	7.28	cps
Indium	115-2	1072113	1065609	1074423	1070715	0.43	cps
Iron	54-2	9000571	8805919	8808112	8871534	1.26	cps
Iron	56-2	166718370	158221976	160963354	161967900	2.68	cps
Iron	57-2	4330344	4100302	4090565	4173737	3.25	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	325	340	349	338	3.55	cps
Lead	206-1	12025495	11936848	12120858	12027734	0.77	cps
Lead	207-1	10330104	10592171	10538060	10486778	1.32	cps
Lead	208-1	47825095	48712199	48407872	48315055	0.93	cps
Lithium	6-1	2105367	2158118	2363136	2208874	6.16	cps
Magnesium	24-2	33994707	33810704	32940207	33581873	1.68	cps
Manganese	55-2	4281511	4185502	4112638	4193217	2.02	cps
Molybdenum	94-1	11209116	11400551	11282953	11297540	0.85	cps
Molybdenum	95-1	16725594	16824143	16922724	16824154	0.59	cps
Molybdenum	96-1	18685804	18773885	18747285	18735658	0.24	cps
Molybdenum	97-1	10219573	10286413	10552764	10352916	1.70	cps
Molybdenum	98-1	26983399	26453890	26923086	26786792	1.08	cps
Neodymium	150-1	367	440	333	380	14.36	cps
Neodymium	150-2	20	47	23	30	48.44	cps
Nickel	60-2	403532	386161	389628	393107	2.34	cps
Phosphorus	31-2	28654	27585	27711	27983	2.09	cps
Potassium	39-2	11102783	10940216	10689427	10910808	1.91	cps
Rhodium	103-1	5842509	6820075	7228028	6630204	10.74	cps
Rhodium	103-2	2968266	3076625	3139601	3061497	2.83	cps
Scandium	45-1	4412120	5032609	5207692	4884140	8.56	cps
Scandium	45-2	157552	160181	160658	159464	1.05	cps
Selenium	82-1	71378	70444	69637	70486	1.24	cps
Selenium	77-2	1943	1994	1913	1950	2.07	cps
Selenium	78-2	6857	6625	6713	6732	1.74	cps
Silicon	28-1	3053192	3165374	3268050	3162205	3.40	cps
Silver	107-1	4067925	3982816	3969297	4006680	1.33	cps
Silver	109-1	3849135	3796430	3863428	3836331	0.92	cps
Sodium	23-2	61405987	59904768	59897220	60402658	1.44	cps
Strontium	86-1	25546884	24833088	24730633	25036868	1.78	cps
Strontium	88-1	218679272	210987613	212972509	214213131	1.86	cps
Sulfur	34-1	704492	705203	693657	701117	0.92	cps
Terbium	159-1	8379484	9329462	10102703	9270550	9.31	cps
Terbium	159-2	4069867	4092623	4179998	4114163	1.41	cps
Thallium	203-1	2921289	2990319	2915313	2942307	1.42	cps
Thallium	205-1	6766774	6766161	6765931	6766288	0.01	cps
Tin	118-1	2457788	2477189	2412275	2449084	1.36	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:45:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4705493	4597073	4673982	4658849	1.20	cps
Uranium	238-1	9447713	9100173	9528846	9358910	2.43	cps
Vanadium	51-2	631780	612597	601019	615132	2.53	cps
Ytterbium	172-1	317	308	283	303	5.73	cps
Ytterbium	172-2	178	122	172	157	19.44	cps
Ytterbium	176-1	13290	14008	13432	13577	2.80	cps
Ytterbium	176-2	14263	14664	15320	14749	3.62	cps
Yttrium	89-1	9726650	10632897	11312833	10557460	7.54	cps
Yttrium	89-2	1115870	1132559	1134103	1127511	0.90	cps
Zinc	66-2	1453607	1349557	1371853	1391672	3.94	cps
Zirconium	90-1	5557930	5541791	5473310	5524344	0.81	cps
Zirconium	91-1	1214066	1234767	1221721	1223518	0.86	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64	74	72	70	7.78	cps
Antimony	121-1	325	492	350	389	23.11	cps
Arsenic	75-2	5	4	4	4	13.32	cps
Barium	135-1	83	67	42	64	32.83	cps
Barium	137-1	175	67	75	106	57.11	cps
Beryllium	9-1	71	47	67	62	20.57	cps
Bismuth	209-1	5796716	6041474	5978833	5939008	2.14	cps
Bismuth	209-2	3055245	3062637	3035396	3051093	0.46	cps
Boron	10-1	2018	2030	1938	1995	2.51	cps
Boron	11-1	9075	9269	8903	9082	2.02	cps
Bromine	81-1	29733	31990	30756	30826	3.67	cps
Cadmium	111-1	2551	2602	2460	2538	2.84	cps
Cadmium	106-1	3609	3751	3526	3628	3.14	cps
Cadmium	108-1	83	75	71	76	8.33	cps
Calcium	43-1	266	149	156	190	34.55	cps
Calcium	44-1	15708	14743	14318	14923	4.77	cps
Carbon	12-1	14732407	14761023	14225080	14572837	2.07	cps
Carbon	12-2	178603	179295	178637	178845	0.22	cps
Chlorine	35-1	1991567	1987578	1995915	1991687	0.21	cps
Chlorine	35-2	14816	14758	14199	14591	2.34	cps
Chromium	52-2	513	497	510	507	1.74	cps
Cobalt	59-2	40	17	37	31	40.56	cps
Copper	63-2	1047	967	890	968	8.09	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	13	50	13	26	82.85	cps
Gadolinium	160-1	83	58	42	61	34.32	cps
Gadolinium	160-2	120	103	123	116	9.27	cps
Holmium	165-1	9329042	9817811	9375636	9507497	2.84	cps
Holmium	165-2	4222979	4080120	4223016	4175372	1.98	cps
Indium	115-1	7228878	8203497	7819216	7750530	6.33	cps
Indium	115-2	1120267	1098357	1114352	1110992	1.02	cps
Iron	54-2	661	556	661	626	9.74	cps
Iron	56-2	4190	3990	3995	4058	2.81	cps
Iron	57-2	133	189	228	183	25.89	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	327	276	321	308	9.07	cps
Lead	206-1	644	500	467	537	17.60	cps
Lead	207-1	594	400	372	456	26.58	cps
Lead	208-1	2706	1828	1639	2058	27.67	cps
Lithium	6-1	2239958	2348717	2279532	2289403	2.40	cps
Magnesium	24-2	358	417	508	428	17.68	cps
Manganese	55-2	93	63	110	89	26.61	cps
Molybdenum	94-1	775	433	400	536	38.72	cps
Molybdenum	95-1	858	483	392	578	42.80	cps
Molybdenum	96-1	733	508	450	564	26.53	cps
Molybdenum	97-1	583	292	242	372	49.58	cps
Molybdenum	98-1	1300	758	550	870	44.53	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	97	103	104	8.03	cps
Phosphorus	31-2	108	108	75	97	19.80	cps
Potassium	39-2	19322	19572	17811	18902	5.04	cps
Rhodium	103-1	7063238	7644283	7220805	7309442	4.11	cps
Rhodium	103-2	3412364	3358631	3404873	3391956	0.86	cps
Scandium	45-1	5044440	5157742	5234961	5145714	1.86	cps
Scandium	45-2	161178	160699	156338	159405	1.67	cps
Selenium	82-1	84	145	64	97	43.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	63	54	59	7.96	cps
Silicon	28-1	583873	579155	570159	577729	1.21	cps
Silver	107-1	300	258	317	292	10.30	cps
Silver	109-1	400	300	242	314	25.51	cps
Sodium	23-2	10729	10629	10737	10699	0.56	cps
Strontium	86-1	1175	800	758	911	25.19	cps
Strontium	88-1	5369	2117	1675	3054	66.06	cps
Sulfur	34-1	296199	300999	299313	298837	0.81	cps
Terbium	159-1	9807615	9841850	9647687	9765717	1.06	cps
Terbium	159-2	4312044	4222480	4157023	4230516	1.84	cps
Thallium	203-1	175	142	158	158	10.53	cps
Thallium	205-1	450	383	350	394	12.91	cps
Tin	118-1	442	417	450	436	3.98	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 17:54:16	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	183	100	172	39.11	cps
Uranium	238-1	292	33	58	128	111.51	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Ytterbium	172-1	33	50	75	53	39.74	cps
Ytterbium	172-2	17	11	28	19	45.83	cps
Ytterbium	176-1	1125	1458	1608	1397	17.71	cps
Ytterbium	176-2	9815	9559	9743	9706	1.36	cps
Yttrium	89-1	10435583	11485050	11364049	11094894	5.18	cps
Yttrium	89-2	1151224	1118605	1142932	1137587	1.49	cps
Zinc	66-2	293	233	260	262	11.46	cps
Zirconium	90-1	817	792	650	753	11.94	cps
Zirconium	91-1	175	125	75	125	40.00	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511	537	506	518	3.24	cps
Antimony	121-1	667	717	708	697	3.84	cps
Arsenic	75-2	35	16	33	28	37.29	cps
Barium	135-1	333	208	283	275	22.88	cps
Barium	137-1	600	500	467	522	13.29	cps
Beryllium	9-1	50	50	55	52	5.59	cps
Bismuth	209-1	5921431	5845011	6366559	6044334	4.66	cps
Bismuth	209-2	3200282	3149584	3465203	3271690	5.18	cps
Boron	10-1	4318	4290	4254	4287	0.75	cps
Boron	11-1	19271	19181	19591	19348	1.12	cps
Bromine	81-1	34127	33866	32090	33361	3.32	cps
Cadmium	111-1	2837	2856	2609	2767	4.96	cps
Cadmium	106-1	4117	4092	3767	3992	4.89	cps
Cadmium	108-1	113	67	100	93	25.46	cps
Calcium	43-1	444	439	444	442	0.65	cps
Calcium	44-1	52581	55178	55993	54584	3.26	cps
Carbon	12-1	150455458	165184241	174035371	163225023	7.30	cps
Carbon	12-2	2094677	2043315	1974426	2037473	2.96	cps
Chlorine	35-1	1978227	1932306	1921467	1944000	1.55	cps
Chlorine	35-2	13190	12397	13315	12967	3.84	cps
Chromium	52-2	630	627	590	616	3.61	cps
Cobalt	59-2	77	67	87	77	13.04	cps
Copper	63-2	3054	2620	2767	2814	7.84	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	92	58	117	89	32.93	cps
Erbium	164-2	27	33	40	33	20.00	cps
Gadolinium	160-1	50	50	58	53	9.12	cps
Gadolinium	160-2	123	117	133	124	6.74	cps
Holmium	165-1	9503119	9128792	9944733	9525548	4.29	cps
Holmium	165-2	4417984	4275937	4699861	4464594	4.83	cps
Indium	115-1	7308908	7593376	8028516	7643600	4.74	cps
Indium	115-2	1157879	1146789	1254949	1186539	5.01	cps
Iron	54-2	2884	2867	2950	2900	1.52	cps
Iron	56-2	47758	46860	45323	46647	2.64	cps
Iron	57-2	1178	1111	1200	1163	3.98	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	317	274	340	310	10.85	cps
Lead	206-1	622	711	683	672	6.76	cps
Lead	207-1	639	561	622	607	6.74	cps
Lead	208-1	2811	2928	2600	2780	5.98	cps
Lithium	6-1	2250590	2232822	2364534	2282649	3.13	cps
Magnesium	24-2	608	508	783	633	21.98	cps
Manganese	55-2	953	963	930	949	1.80	cps
Molybdenum	94-1	867	892	1117	958	14.37	cps
Molybdenum	95-1	567	625	575	589	5.36	cps
Molybdenum	96-1	900	692	675	756	16.59	cps
Molybdenum	97-1	283	350	283	306	12.60	cps
Molybdenum	98-1	900	1042	775	906	14.73	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	250	267	251	5.99	cps
Phosphorus	31-2	70455	70179	67676	69437	2.21	cps
Potassium	39-2	5450688	5590848	5353894	5465144	2.18	cps
Rhodium	103-1	7441718	7272238	7571849	7428602	2.02	cps
Rhodium	103-2	3398992	3459674	3766008	3541558	5.55	cps
Scandium	45-1	4986070	5177531	5353091	5172231	3.55	cps
Scandium	45-2	166008	166139	180049	170732	4.73	cps
Selenium	82-1	136	220	212	190	24.45	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	82	62	61	68	17.33	cps
Silicon	28-1	1781623	1935108	1922186	1879639	4.53	cps
Silver	107-1	208	158	142	169	20.48	cps
Silver	109-1	200	133	117	150	29.40	cps
Sodium	23-2	94707	93896	91336	93313	1.89	cps
Strontium	86-1	783	933	692	803	15.20	cps
Strontium	88-1	3759	2459	2625	2948	24.00	cps
Sulfur	34-1	304305	292088	284353	293582	3.43	cps
Terbium	159-1	9684079	9436154	9987054	9702429	2.84	cps
Terbium	159-2	4300803	4196385	4812876	4436688	7.44	cps
Thallium	203-1	83	158	83	108	39.97	cps
Thallium	205-1	242	317	217	258	20.15	cps
Tin	118-1	467	433	458	453	3.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 17:57:17	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12948	13649	12681	13093	3.82	cps
Uranium	238-1	58	17	42	39	53.93	cps
Vanadium	51-2	67	43	70	60	24.22	cps
Ytterbium	172-1	50	50	42	47	10.18	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	1583	1400	1658	1547	8.59	cps
Ytterbium	176-2	10110	10415	11066	10530	4.64	cps
Yttrium	89-1	10731250	10902332	11950994	11194859	5.90	cps
Yttrium	89-2	1166185	1172016	1348385	1228862	8.43	cps
Zinc	66-2	720	680	607	669	8.59	cps
Zirconium	90-1	1133	1217	1809	1386	26.55	cps
Zirconium	91-1	217	250	483	317	45.88	cps

LB Number : LB124432 Operator : Jaswal
 Lab Sample ID : O1816-01DUPDL2X100 Instrumnet Name : P8
 Client Sample ID : 2321DUPDL2 Dilution Factor : 100
 Date & Time Acquired : 2023-03-09 18:00:20 DataFile Name : 085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510	472	422	468	9.37	cps
Antimony	121-1	633	642	692	656	4.81	cps
Arsenic	75-2	21	23	30	25	19.16	cps
Barium	135-1	292	300	225	272	15.10	cps
Barium	137-1	425	450	567	481	15.73	cps
Beryllium	9-1	35	55	47	46	22.04	cps
Bismuth	209-1	6521020	6400664	6405727	6442470	1.06	cps
Bismuth	209-2	3136338	3074464	3157666	3122823	1.38	cps
Boron	10-1	3838	3934	4052	3941	2.72	cps
Boron	11-1	16918	18124	17847	17630	3.58	cps
Bromine	81-1	33856	31929	32512	32766	3.02	cps
Cadmium	111-1	2935	2525	2829	2763	7.71	cps
Cadmium	106-1	4234	3667	4009	3970	7.19	cps
Cadmium	108-1	113	96	63	90	28.20	cps
Calcium	43-1	450	425	481	452	6.23	cps
Calcium	44-1	52763	55995	56017	54925	3.41	cps
Carbon	12-1	154320995	169966579	169857304	164714959	5.46	cps
Carbon	12-2	2013183	2051715	2077452	2047450	1.58	cps
Chlorine	35-1	1817543	1863092	1811207	1830614	1.55	cps
Chlorine	35-2	12281	12097	12397	12258	1.23	cps
Chromium	52-2	670	683	630	661	4.20	cps
Cobalt	59-2	67	53	57	59	11.79	cps
Copper	63-2	2714	2597	2654	2655	2.20	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	108	83	100	97	13.09	cps
Erbium	164-2	23	37	20	27	33.08	cps
Gadolinium	160-1	25	58	58	47	40.75	cps
Gadolinium	160-2	127	123	137	129	5.38	cps
Holmium	165-1	10015836	9960289	9927767	9967964	0.45	cps
Holmium	165-2	4452526	4452470	4201663	4368886	3.31	cps
Indium	115-1	8104097	8007801	8023650	8045183	0.64	cps
Indium	115-2	1154253	1161602	1146672	1154176	0.65	cps
Iron	54-2	2767	3006	2939	2904	4.25	cps
Iron	56-2	46593	45423	44420	45478	2.39	cps
Iron	57-2	1295	1289	1167	1250	5.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:00:20	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	300	310	361	324	10.15	cps
Lead	206-1	761	639	644	682	10.13	cps
Lead	207-1	650	683	500	611	15.98	cps
Lead	208-1	3028	2917	2545	2830	8.95	cps
Lithium	6-1	2284916	2335842	2295986	2305581	1.16	cps
Magnesium	24-2	758	650	558	656	15.27	cps
Manganese	55-2	1047	860	913	940	10.23	cps
Molybdenum	94-1	625	833	658	706	15.86	cps
Molybdenum	95-1	542	675	567	594	11.92	cps
Molybdenum	96-1	817	650	750	739	11.35	cps
Molybdenum	97-1	375	400	250	342	23.52	cps
Molybdenum	98-1	942	808	700	817	14.82	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	233	243	183	220	14.61	cps
Phosphorus	31-2	68521	67039	67617	67726	1.10	cps
Potassium	39-2	5535377	5328508	5142626	5335504	3.68	cps
Rhodium	103-1	7848491	7568991	7771829	7729770	1.87	cps
Rhodium	103-2	3435871	3481990	3453426	3457096	0.67	cps
Scandium	45-1	5649617	5302103	5258189	5403303	3.97	cps
Scandium	45-2	163725	164451	164043	164073	0.22	cps
Selenium	82-1	224	244	174	214	16.87	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	76	79	77	77	1.97	cps
Silicon	28-1	1791659	1895704	1901865	1863076	3.32	cps
Silver	107-1	167	250	117	178	37.89	cps
Silver	109-1	150	117	208	158	29.30	cps
Sodium	23-2	90968	92092	88443	90501	2.06	cps
Strontium	86-1	842	892	817	850	4.49	cps
Strontium	88-1	3384	2592	2825	2934	13.87	cps
Sulfur	34-1	269865	265782	256569	264072	2.58	cps
Terbium	159-1	10416848	10238878	10252496	10302741	0.96	cps
Terbium	159-2	4127478	4232626	4310347	4223484	2.17	cps
Thallium	203-1	92	117	133	114	18.41	cps
Thallium	205-1	300	183	225	236	25.04	cps
Tin	118-1	442	358	500	433	16.43	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01DUPDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321DUPDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:00:20	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12005	11346	11764	11705	2.85	cps
Uranium	238-1	75	33	17	42	72.11	cps
Vanadium	51-2	47	53	37	46	18.41	cps
Ytterbium	172-1	67	25	42	44	47.19	cps
Ytterbium	172-2	6	22	6	11	86.55	cps
Ytterbium	176-1	1758	1542	1558	1620	7.45	cps
Ytterbium	176-2	10260	10087	10137	10161	0.87	cps
Yttrium	89-1	11720390	11470478	11878397	11689755	1.76	cps
Yttrium	89-2	1163721	1186787	1173930	1174813	0.98	cps
Zinc	66-2	697	643	633	658	5.18	cps
Zirconium	90-1	1025	1058	1375	1153	16.76	cps
Zirconium	91-1	225	233	283	247	12.76	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196	212	202	204	4.02	cps
Antimony	121-1	158	275	242	225	26.71	cps
Arsenic	75-2	11	9	8	9	16.37	cps
Barium	135-1	92	75	75	81	11.95	cps
Barium	137-1	167	83	100	117	37.79	cps
Beryllium	9-1	42	42	46	44	4.95	cps
Bismuth	209-1	6162494	6109078	6066588	6112720	0.79	cps
Bismuth	209-2	3092993	3246268	3148638	3162633	2.45	cps
Boron	10-1	1596	1706	1600	1634	3.82	cps
Boron	11-1	7138	7805	7642	7528	4.61	cps
Bromine	81-1	33244	31418	31438	32033	3.27	cps
Cadmium	111-1	2840	2592	2524	2652	6.26	cps
Cadmium	106-1	4109	3709	3676	3831	6.30	cps
Cadmium	108-1	100	71	129	100	29.17	cps
Calcium	43-1	199	194	189	194	2.58	cps
Calcium	44-1	22702	23009	22810	22841	0.68	cps
Carbon	12-1	44965436	47814321	47333523	46704427	3.27	cps
Carbon	12-2	623070	603100	604894	610355	1.81	cps
Chlorine	35-1	1690838	1739414	1717544	1715932	1.42	cps
Chlorine	35-2	11822	11530	11622	11658	1.28	cps
Chromium	52-2	563	597	577	579	2.90	cps
Cobalt	59-2	47	53	43	48	10.66	cps
Copper	63-2	1120	1297	1253	1223	7.53	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	25	83	58	56	52.68	cps
Gadolinium	160-2	133	147	120	133	10.00	cps
Holmium	165-1	9706010	9681465	9969405	9785627	1.63	cps
Holmium	165-2	4089060	4335656	4393657	4272791	3.79	cps
Indium	115-1	7883161	7885881	7929534	7899525	0.33	cps
Indium	115-2	1126321	1145655	1131007	1134328	0.89	cps
Iron	54-2	1000	1056	844	967	11.32	cps
Iron	56-2	11555	12206	12116	11959	2.95	cps
Iron	57-2	367	356	311	344	8.54	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	324	329	329	327	0.88	cps
Lead	206-1	489	417	400	435	10.86	cps
Lead	207-1	394	339	356	363	7.85	cps
Lead	208-1	1795	1572	1595	1654	7.40	cps
Lithium	6-1	2265781	2283821	2237851	2262484	1.02	cps
Magnesium	24-2	350	475	358	394	17.72	cps
Manganese	55-2	233	220	197	217	8.57	cps
Molybdenum	94-1	433	283	400	372	21.16	cps
Molybdenum	95-1	300	192	250	247	21.93	cps
Molybdenum	96-1	275	258	250	261	4.88	cps
Molybdenum	97-1	133	142	158	144	8.81	cps
Molybdenum	98-1	342	150	208	233	42.11	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	157	153	220	177	21.26	cps
Phosphorus	31-2	13432	13465	12648	13181	3.51	cps
Potassium	39-2	1086868	1072418	1060204	1073163	1.24	cps
Rhodium	103-1	7514015	7594647	7815474	7641379	2.04	cps
Rhodium	103-2	3512725	3388035	3398660	3433140	2.01	cps
Scandium	45-1	5107526	5194625	5328250	5210134	2.13	cps
Scandium	45-2	160538	164486	159903	161642	1.54	cps
Selenium	82-1	116	65	135	105	34.37	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	61	75	64	67	11.06	cps
Silicon	28-1	828364	852436	845771	842190	1.48	cps
Silver	107-1	200	250	342	264	27.23	cps
Silver	109-1	167	183	142	164	12.80	cps
Sodium	23-2	26817	25047	25389	25751	3.65	cps
Strontium	86-1	533	600	625	586	8.08	cps
Strontium	88-1	1558	825	800	1061	40.60	cps
Sulfur	34-1	249854	252553	251355	251254	0.54	cps
Terbium	159-1	9683589	10034815	10136647	9951684	2.39	cps
Terbium	159-2	4022713	4179779	4136657	4113050	1.97	cps
Thallium	203-1	58	67	100	75	29.39	cps
Thallium	205-1	133	225	125	161	34.44	cps
Tin	118-1	342	358	400	367	8.19	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01LDL2X500	Instrumnet Name :	P8
Client Sample ID :	2321LDL2	Dilution Factor :	500
Date & Time Acquired :	2023-03-09 18:03:22	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2300	2375	2059	2245	7.37	cps
Uranium	238-1	67	17	8	31	103.26	cps
Vanadium	51-2	33	23	20	26	27.15	cps
Ytterbium	172-1	17	25	42	28	45.82	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	1575	1592	1600	1589	0.80	cps
Ytterbium	176-2	9893	9865	10666	10141	4.48	cps
Yttrium	89-1	11321699	11348030	11589702	11419810	1.29	cps
Yttrium	89-2	1166404	1170134	1150039	1162192	0.92	cps
Zinc	66-2	287	277	260	274	4.91	cps
Zirconium	90-1	675	733	658	689	5.72	cps
Zirconium	91-1	217	100	92	136	51.35	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5400	5405	5277	5361	1.36	cps
Antimony	121-1	30343	30568	30768	30560	0.70	cps
Arsenic	75-2	934	846	838	873	6.10	cps
Barium	135-1	36475	36157	37469	36701	1.87	cps
Barium	137-1	64689	65383	64606	64893	0.66	cps
Beryllium	9-1	8046	8007	7897	7984	0.97	cps
Bismuth	209-1	6302844	6991185	6324128	6539386	5.99	cps
Bismuth	209-2	3111265	3175426	3261308	3182666	2.37	cps
Boron	10-1	3542	3650	3902	3698	5.00	cps
Boron	11-1	16692	16840	16960	16831	0.80	cps
Bromine	81-1	34408	32070	32140	32873	4.05	cps
Cadmium	111-1	11957	12594	12341	12297	2.61	cps
Cadmium	106-1	5068	5818	4793	5226	10.16	cps
Cadmium	108-1	854	838	775	822	5.08	cps
Calcium	43-1	10671	10854	11095	10874	1.96	cps
Calcium	44-1	209947	210156	212963	211022	0.80	cps
Carbon	12-1	98772096	105149388	111412890	105111458	6.01	cps
Carbon	12-2	1324869	1286954	1325885	1312569	1.69	cps
Chlorine	35-1	1743468	1719827	1692519	1718605	1.48	cps
Chlorine	35-2	11513	11605	11738	11619	0.97	cps
Chromium	52-2	9256	8403	8486	8715	5.40	cps
Cobalt	59-2	15472	14888	15749	15370	2.86	cps
Copper	63-2	126603	125227	122901	124911	1.50	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	92	67	58	72	24.02	cps
Erbium	164-2	27	10	37	24	55.11	cps
Gadolinium	160-1	67	100	42	69	42.14	cps
Gadolinium	160-2	107	137	97	113	18.37	cps
Holmium	165-1	9795075	10930266	10113673	10279671	5.70	cps
Holmium	165-2	4302703	4422694	4376109	4367169	1.39	cps
Indium	115-1	7723067	8804004	7855608	8127559	7.25	cps
Indium	115-2	1173621	1164040	1188501	1175388	1.05	cps
Iron	54-2	21600	22079	21444	21708	1.52	cps
Iron	56-2	387531	379855	380758	382715	1.10	cps
Iron	57-2	9514	9531	9392	9479	0.80	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	310	275	336	307	10.01	cps
Lead	206-1	126200	124018	127653	125957	1.45	cps
Lead	207-1	109371	112295	108586	110084	1.78	cps
Lead	208-1	491111	504078	506755	500648	1.67	cps
Lithium	6-1	2406132	2558054	2340600	2434928	4.58	cps
Magnesium	24-2	70530	73252	73126	72303	2.13	cps
Manganese	55-2	44616	44553	44399	44523	0.25	cps
Molybdenum	94-1	57177	58993	59638	58603	2.18	cps
Molybdenum	95-1	68822	69031	65925	67926	2.56	cps
Molybdenum	96-1	75958	76193	77081	76411	0.78	cps
Molybdenum	97-1	43661	42959	41488	42703	2.60	cps
Molybdenum	98-1	107845	109238	106459	107847	1.29	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	4314	4267	4364	4315	1.12	cps
Phosphorus	31-2	44661	44636	45246	44848	0.77	cps
Potassium	39-2	3673251	3629913	3628012	3643725	0.70	cps
Rhodium	103-1	7948960	8798534	7782099	8176531	6.67	cps
Rhodium	103-2	3450450	3506687	3566057	3507731	1.65	cps
Scandium	45-1	5543556	6134390	5224772	5634239	8.19	cps
Scandium	45-2	168729	164314	165502	166182	1.37	cps
Selenium	82-1	691	724	672	696	3.73	cps
Selenium	77-2	20	23	7	17	52.90	cps
Selenium	78-2	116	117	127	120	5.07	cps
Silicon	28-1	1250757	1353556	1378888	1327734	5.11	cps
Silver	107-1	32183	29908	30785	30959	3.71	cps
Silver	109-1	29775	29759	30396	29977	1.21	cps
Sodium	23-2	192644	185229	188785	188886	1.96	cps
Strontium	86-1	11205	10763	11013	10994	2.02	cps
Strontium	88-1	90964	86721	90746	89477	2.67	cps
Sulfur	34-1	255194	248597	244591	249461	2.15	cps
Terbium	159-1	10092622	11661388	10562035	10772015	7.47	cps
Terbium	159-2	4258758	4429291	4384126	4357392	2.03	cps
Thallium	203-1	29701	29927	31798	30475	3.78	cps
Thallium	205-1	73216	72127	75178	73507	2.10	cps
Tin	118-1	25691	27211	27002	26635	3.09	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:06:25	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27218	27410	26350	26993	2.09	cps
Uranium	238-1	94183	95418	95921	95174	0.94	cps
Vanadium	51-2	6558	6442	6552	6517	1.01	cps
Ytterbium	172-1	67	58	25	50	44.10	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1784	1775	1675	1745	3.46	cps
Ytterbium	176-2	9303	10354	10404	10021	6.20	cps
Yttrium	89-1	11697578	12476262	11160057	11777966	5.62	cps
Yttrium	89-2	1182235	1203595	1179952	1188594	1.10	cps
Zinc	66-2	16029	15739	15625	15798	1.32	cps
Zirconium	90-1	56482	54659	58340	56493	3.26	cps
Zirconium	91-1	12731	12531	13023	12762	1.94	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5634	5527	5507	5556	1.23	cps
Antimony	121-1	32439	31779	31604	31941	1.38	cps
Arsenic	75-2	949	839	914	901	6.24	cps
Barium	135-1	38581	38439	38781	38600	0.45	cps
Barium	137-1	64262	66774	65695	65577	1.92	cps
Beryllium	9-1	8243	8316	8553	8371	1.94	cps
Bismuth	209-1	6226737	6493326	6342617	6354227	2.10	cps
Bismuth	209-2	3282734	3307985	3147652	3246124	2.66	cps
Boron	10-1	3880	3920	3854	3884	0.86	cps
Boron	11-1	16536	18434	17609	17526	5.43	cps
Bromine	81-1	33585	32813	32854	33084	1.31	cps
Cadmium	111-1	12708	12500	12620	12610	0.83	cps
Cadmium	106-1	5251	5159	4868	5093	3.93	cps
Cadmium	108-1	792	783	671	749	9.02	cps
Calcium	43-1	11152	11234	11234	11207	0.43	cps
Calcium	44-1	217193	220761	217300	218418	0.93	cps
Carbon	12-1	107734232	115379128	116146969	113086776	4.11	cps
Carbon	12-2	1355270	1369837	1381007	1368705	0.94	cps
Chlorine	35-1	1616352	1629782	1637827	1627987	0.67	cps
Chlorine	35-2	11888	11421	11013	11441	3.83	cps
Chromium	52-2	9066	8839	8823	8910	1.53	cps
Cobalt	59-2	16246	15725	15625	15866	2.10	cps
Copper	63-2	134199	130166	129500	131289	1.94	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	42	125	72	63.55	cps
Erbium	164-2	53	40	40	44	17.32	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	107	133	140	127	13.92	cps
Holmium	165-1	9949309	10416608	9922377	10096098	2.75	cps
Holmium	165-2	4316593	4543092	4490282	4449989	2.66	cps
Indium	115-1	7952192	8114671	7926047	7997636	1.28	cps
Indium	115-2	1178873	1164351	1139370	1160865	1.72	cps
Iron	54-2	23486	22373	22140	22666	3.17	cps
Iron	56-2	408858	401279	391351	400496	2.19	cps
Iron	57-2	10710	9854	10004	10189	4.49	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	299	306	301	302	1.26	cps
Lead	206-1	130396	131069	131906	131123	0.58	cps
Lead	207-1	114606	114627	114834	114689	0.11	cps
Lead	208-1	517515	521696	525108	521440	0.73	cps
Lithium	6-1	2237569	2386256	2352014	2325280	3.35	cps
Magnesium	24-2	74885	73981	75345	74737	0.93	cps
Manganese	55-2	45740	45971	44650	45453	1.55	cps
Molybdenum	94-1	61789	63270	62399	62486	1.19	cps
Molybdenum	95-1	69718	71326	70370	70471	1.15	cps
Molybdenum	96-1	79990	80167	76194	78784	2.85	cps
Molybdenum	97-1	44497	44154	42533	43728	2.40	cps
Molybdenum	98-1	112371	113767	112709	112949	0.64	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	4794	4441	4721	4652	4.01	cps
Phosphorus	31-2	46241	46927	46057	46408	0.99	cps
Potassium	39-2	3868158	3918805	3789514	3858826	1.69	cps
Rhodium	103-1	7953701	7846762	7777067	7859176	1.13	cps
Rhodium	103-2	3604055	3518536	3368642	3497078	3.41	cps
Scandium	45-1	5410999	5391996	5555725	5452906	1.64	cps
Scandium	45-2	169923	170674	165174	168590	1.77	cps
Selenium	82-1	770	741	747	753	2.01	cps
Selenium	77-2	37	20	13	23	51.52	cps
Selenium	78-2	112	124	109	115	6.90	cps
Silicon	28-1	1359785	1363989	1389074	1370949	1.16	cps
Silver	107-1	30226	29959	29173	29786	1.84	cps
Silver	109-1	28757	30077	31842	30225	5.12	cps
Sodium	23-2	197090	196281	200343	197905	1.09	cps
Strontium	86-1	11889	11664	11664	11739	1.11	cps
Strontium	88-1	96258	97468	95689	96472	0.94	cps
Sulfur	34-1	244971	246158	244744	245291	0.31	cps
Terbium	159-1	10337591	10262885	10471463	10357313	1.02	cps
Terbium	159-2	4200363	4477759	4194888	4291004	3.77	cps
Thallium	203-1	30938	31890	32884	31904	3.05	cps
Thallium	205-1	76880	73182	76376	75479	2.66	cps
Tin	118-1	27119	27537	26668	27108	1.60	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01MSDDL2X100	Instrumnet Name :	P8
Client Sample ID :	2321MSDDL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:09:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	29097	28755	28563	28805	0.94	cps
Uranium	238-1	99485	101919	101180	100861	1.24	cps
Vanadium	51-2	6732	6872	6495	6699	2.84	cps
Ytterbium	172-1	75	25	58	53	48.24	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	1658	1475	1834	1656	10.82	cps
Ytterbium	176-2	10227	10604	10288	10373	1.96	cps
Yttrium	89-1	11666904	12492676	11923034	12027538	3.51	cps
Yttrium	89-2	1221284	1199913	1144733	1188643	3.32	cps
Zinc	66-2	17024	15862	15989	16292	3.91	cps
Zirconium	90-1	60072	60558	61629	60753	1.31	cps
Zirconium	91-1	14199	13515	13040	13585	4.29	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5660	5719	5527	5635	1.75	cps
Antimony	121-1	32281	32723	32665	32556	0.74	cps
Arsenic	75-2	893	873	874	880	1.28	cps
Barium	135-1	37779	38238	39041	38353	1.67	cps
Barium	137-1	67009	68408	65551	66989	2.13	cps
Beryllium	9-1	8321	8414	8114	8283	1.86	cps
Bismuth	209-1	6265982	6237663	6432815	6312153	1.67	cps
Bismuth	209-2	3318195	3401436	3113039	3277557	4.53	cps
Boron	10-1	3676	3878	4046	3866	4.79	cps
Boron	11-1	15909	17737	18288	17312	7.19	cps
Bromine	81-1	33284	32912	33705	33301	1.19	cps
Cadmium	111-1	13153	12893	12851	12966	1.26	cps
Cadmium	106-1	5310	5443	5209	5321	2.20	cps
Cadmium	108-1	775	821	779	792	3.20	cps
Calcium	43-1	11611	11766	11558	11645	0.93	cps
Calcium	44-1	218210	225530	223672	222471	1.71	cps
Carbon	12-1	100101702	111910903	118260411	110091005	8.37	cps
Carbon	12-2	1388590	1377689	1357937	1374739	1.13	cps
Chlorine	35-1	1586835	1599190	1575798	1587275	0.74	cps
Chlorine	35-2	10963	11246	10746	10985	2.28	cps
Chromium	52-2	8916	9243	9246	9135	2.08	cps
Cobalt	59-2	15736	16146	15735	15872	1.49	cps
Copper	63-2	132710	130989	130529	131409	0.87	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	58	92	78	22.31	cps
Erbium	164-2	23	30	43	32	31.61	cps
Gadolinium	160-1	100	83	67	83	20.00	cps
Gadolinium	160-2	107	150	107	121	20.66	cps
Holmium	165-1	9966583	10065072	10214423	10082026	1.24	cps
Holmium	165-2	4533468	4491963	4334418	4453283	2.36	cps
Indium	115-1	8165707	8051299	7999193	8072066	1.06	cps
Indium	115-2	1177136	1199487	1164515	1180379	1.50	cps
Iron	54-2	23286	22334	22552	22724	2.19	cps
Iron	56-2	409713	402154	409630	407166	1.07	cps
Iron	57-2	10415	10371	10043	10276	1.98	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	320	280	301	300	6.66	cps
Lead	206-1	129558	132596	132786	131647	1.38	cps
Lead	207-1	114173	116085	113461	114573	1.18	cps
Lead	208-1	516982	528178	532103	525754	1.49	cps
Lithium	6-1	2349071	2389136	2292105	2343437	2.08	cps
Magnesium	24-2	77047	74366	73746	75053	2.34	cps
Manganese	55-2	47827	46415	46563	46935	1.65	cps
Molybdenum	94-1	61453	61705	63973	62377	2.23	cps
Molybdenum	95-1	70589	73488	73412	72496	2.28	cps
Molybdenum	96-1	79906	81423	80056	80461	1.04	cps
Molybdenum	97-1	43829	44673	44798	44433	1.19	cps
Molybdenum	98-1	110239	113330	112214	111928	1.40	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	4731	4457	4554	4581	3.03	cps
Phosphorus	31-2	48699	47069	46810	47526	2.16	cps
Potassium	39-2	3877822	3819002	3849327	3848717	0.76	cps
Rhodium	103-1	7634784	8014565	7856090	7835146	2.43	cps
Rhodium	103-2	3618827	3571482	3347307	3512539	4.13	cps
Scandium	45-1	5395827	5368684	5528553	5431021	1.58	cps
Scandium	45-2	165384	171194	165184	167254	2.04	cps
Selenium	82-1	729	865	765	786	8.98	cps
Selenium	77-2	20	13	30	21	39.75	cps
Selenium	78-2	107	103	108	106	2.50	cps
Silicon	28-1	1298311	1346835	1415407	1353517	4.35	cps
Silver	107-1	47525	50046	48244	48605	2.67	cps
Silver	109-1	46875	45267	46641	46261	1.88	cps
Sodium	23-2	202025	198705	196518	199083	1.39	cps
Strontium	86-1	11138	12531	11363	11677	6.40	cps
Strontium	88-1	94320	100186	98817	97774	3.14	cps
Sulfur	34-1	249999	245802	247362	247721	0.86	cps
Terbium	159-1	10118062	10356050	10330900	10268337	1.27	cps
Terbium	159-2	4511173	4487084	4341771	4446676	2.06	cps
Thallium	203-1	31464	33060	32007	32177	2.52	cps
Thallium	205-1	74742	77493	76871	76369	1.89	cps
Tin	118-1	28748	27746	28831	28441	2.12	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1816-01ADL2X100	Instrumnet Name :	P8
Client Sample ID :	2321ADL2	Dilution Factor :	100
Date & Time Acquired :	2023-03-09 18:12:31	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27853	28087	29640	28526	3.40	cps
Uranium	238-1	102943	102984	101440	102456	0.86	cps
Vanadium	51-2	6828	6962	6502	6764	3.50	cps
Ytterbium	172-1	58	42	42	47	20.38	cps
Ytterbium	172-2	22	11	33	22	50.00	cps
Ytterbium	176-1	1650	1617	1600	1622	1.57	cps
Ytterbium	176-2	9982	10682	10621	10428	3.72	cps
Yttrium	89-1	11273706	11830158	12090284	11731382	3.56	cps
Yttrium	89-2	1210854	1225262	1180609	1205575	1.89	cps
Zinc	66-2	16850	16420	16760	16677	1.36	cps
Zirconium	90-1	59921	62139	61261	61107	1.83	cps
Zirconium	91-1	13632	13223	14216	13690	3.64	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500379	2512953	2444337	2485890	1.47	cps
Antimony	121-1	2773827	2836690	2803141	2804553	1.12	cps
Arsenic	75-2	79789	78675	76752	78405	1.96	cps
Barium	135-1	3548444	3660943	3533437	3580941	1.95	cps
Barium	137-1	6058622	6331137	6074734	6154831	2.48	cps
Beryllium	9-1	763246	777316	772460	771007	0.93	cps
Bismuth	209-1	6001993	5950357	5869286	5940545	1.13	cps
Bismuth	209-2	2921622	2841318	2939737	2900892	1.81	cps
Boron	10-1	90598	100464	105296	98786	7.58	cps
Boron	11-1	413567	444441	455900	437969	5.00	cps
Bromine	81-1	32682	34829	31428	32980	5.22	cps
Cadmium	111-1	790716	815871	820018	808869	1.96	cps
Cadmium	106-1	90650	93199	94139	92663	1.95	cps
Cadmium	108-1	63751	63600	64856	64069	1.07	cps
Calcium	43-1	5133478	5116830	5155308	5135206	0.38	cps
Calcium	44-1	82350131	80039575	82566847	81652184	1.72	cps
Carbon	12-1	18493583	17848535	17002301	17781473	4.21	cps
Carbon	12-2	211678	198680	198962	203107	3.66	cps
Chlorine	35-1	1631450	1606809	1658142	1632134	1.57	cps
Chlorine	35-2	11213	11471	11238	11307	1.26	cps
Chromium	52-2	795448	784863	766154	782155	1.90	cps
Cobalt	59-2	1550187	1509547	1488070	1515935	2.08	cps
Copper	63-2	12363536	11974219	11218920	11852225	4.91	cps
Dysprosium	156-1	700	675	833	736	11.56	cps
Dysprosium	156-2	370	257	373	333	19.93	cps
Erbium	164-1	108	92	167	122	32.22	cps
Erbium	164-2	67	43	40	50	29.06	cps
Gadolinium	160-1	842	842	833	839	0.57	cps
Gadolinium	160-2	413	450	493	452	8.86	cps
Holmium	165-1	10137767	10045645	9812638	9998683	1.68	cps
Holmium	165-2	4383645	4332017	4398182	4371282	0.80	cps
Indium	115-1	7594890	7771937	7888767	7751865	1.91	cps
Indium	115-2	1115461	1139292	1135595	1130116	1.13	cps
Iron	54-2	9101515	8859144	8656423	8872361	2.51	cps
Iron	56-2	168826232	162397581	159975309	163733041	2.79	cps
Iron	57-2	4197410	3964719	4168395	4110174	3.09	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	339	331	340	337	1.41	cps
Lead	206-1	12334595	12374894	12297575	12335688	0.31	cps
Lead	207-1	11070132	10875595	10656440	10867389	1.90	cps
Lead	208-1	50090804	50076088	49302814	49823235	0.90	cps
Lithium	6-1	2327944	2408104	2364325	2366791	1.70	cps
Magnesium	24-2	34796600	33727477	32706312	33743463	3.10	cps
Manganese	55-2	4332336	4184586	4145942	4220954	2.33	cps
Molybdenum	94-1	11655866	11454729	11777924	11629507	1.40	cps
Molybdenum	95-1	17296780	17219287	17547928	17354665	0.99	cps
Molybdenum	96-1	19055364	19183525	18944782	19061224	0.63	cps
Molybdenum	97-1	10445718	10641996	10843460	10643725	1.87	cps
Molybdenum	98-1	27161239	27180310	27760094	27367215	1.24	cps
Neodymium	150-1	287	333	353	324	10.54	cps
Neodymium	150-2	17	27	3	16	75.27	cps
Nickel	60-2	408764	393264	387514	396514	2.77	cps
Phosphorus	31-2	28295	26750	26917	27321	3.10	cps
Potassium	39-2	11263874	10865020	10932766	11020553	1.94	cps
Rhodium	103-1	7340479	7429480	7337158	7369039	0.71	cps
Rhodium	103-2	3326058	3223352	3305265	3284891	1.65	cps
Scandium	45-1	5497087	5295633	5481397	5424706	2.07	cps
Scandium	45-2	171546	169659	166273	169160	1.58	cps
Selenium	82-1	71731	72508	73900	72713	1.51	cps
Selenium	77-2	1963	2047	2027	2012	2.16	cps
Selenium	78-2	6762	6739	6601	6701	1.30	cps
Silicon	28-1	2859134	3031532	3123523	3004730	4.47	cps
Silver	107-1	4073019	4059861	4066611	4066497	0.16	cps
Silver	109-1	3916330	3865992	3960086	3914136	1.20	cps
Sodium	23-2	61487462	60106987	60877995	60824148	1.14	cps
Strontium	86-1	24650521	25814191	26186276	25550330	3.14	cps
Strontium	88-1	212674351	225100113	220788138	219520867	2.87	cps
Sulfur	34-1	710227	734132	747579	730646	2.59	cps
Terbium	159-1	10379387	10220093	10174417	10257966	1.05	cps
Terbium	159-2	4396152	4350622	4319508	4355427	0.89	cps
Thallium	203-1	2972416	2973706	2990646	2978923	0.34	cps
Thallium	205-1	7015076	7058720	6988502	7020766	0.50	cps
Tin	118-1	2516917	2570033	2554932	2547294	1.07	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:15:32	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4633616	4882326	4852148	4789363	2.83	cps
Uranium	238-1	9641125	9824548	9733426	9733033	0.94	cps
Vanadium	51-2	634611	614163	604872	617882	2.46	cps
Ytterbium	172-1	342	350	225	306	22.87	cps
Ytterbium	172-2	161	128	111	133	19.10	cps
Ytterbium	176-1	13716	14475	13941	14044	2.78	cps
Ytterbium	176-2	15037	15459	15715	15404	2.22	cps
Yttrium	89-1	11961865	11680687	11788234	11810262	1.20	cps
Yttrium	89-2	1207865	1187168	1189591	1194875	0.95	cps
Zinc	66-2	1422853	1376903	1321415	1373724	3.70	cps
Zirconium	90-1	5598489	5658593	5753111	5670064	1.37	cps
Zirconium	91-1	1238692	1267625	1272085	1259468	1.44	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	64	70	71	11.51	cps
Antimony	121-1	525	642	767	644	18.75	cps
Arsenic	75-2	1	4	4	3	57.74	cps
Barium	135-1	150	92	50	97	51.67	cps
Barium	137-1	117	108	92	106	12.06	cps
Beryllium	9-1	71	77	57	69	14.88	cps
Bismuth	209-1	5284061	6196071	6279820	5919984	9.33	cps
Bismuth	209-2	3169157	3119268	3146391	3144939	0.79	cps
Boron	10-1	2990	2688	2814	2830	5.36	cps
Boron	11-1	13313	13085	12065	12821	5.19	cps
Bromine	81-1	33846	34147	32783	33592	2.13	cps
Cadmium	111-1	2712	2904	2689	2768	4.27	cps
Cadmium	106-1	3892	4184	3859	3978	4.50	cps
Cadmium	108-1	96	113	71	93	22.54	cps
Calcium	43-1	245	190	170	202	19.26	cps
Calcium	44-1	13910	12822	12454	13062	5.80	cps
Carbon	12-1	7908097	7789621	7843218	7846979	0.76	cps
Carbon	12-2	99881	97952	94303	97379	2.91	cps
Chlorine	35-1	1623215	1555169	1613556	1597313	2.30	cps
Chlorine	35-2	10854	10521	11171	10849	3.00	cps
Chromium	52-2	550	547	510	536	4.14	cps
Cobalt	59-2	40	40	40	40	0.00	cps
Copper	63-2	953	990	947	963	2.42	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	42	58	61	34.32	cps
Erbium	164-2	47	33	27	36	28.64	cps
Gadolinium	160-1	33	42	100	58	62.27	cps
Gadolinium	160-2	123	140	160	141	13.01	cps
Holmium	165-1	8234965	9665132	9741770	9213955	9.21	cps
Holmium	165-2	4266184	4230793	4241894	4246290	0.43	cps
Indium	115-1	6893370	7538315	7646346	7359343	5.53	cps
Indium	115-2	1106318	1124280	1121300	1117300	0.86	cps
Iron	54-2	683	633	450	589	20.86	cps
Iron	56-2	4756	4640	4317	4571	4.98	cps
Iron	57-2	122	244	156	174	36.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	316	330	320	2.88	cps
Lead	206-1	728	533	539	600	18.45	cps
Lead	207-1	633	461	433	509	21.28	cps
Lead	208-1	2928	2161	2161	2417	18.32	cps
Lithium	6-1	2164785	2290540	2368613	2274646	4.52	cps
Magnesium	24-2	625	600	342	522	30.04	cps
Manganese	55-2	83	83	83	83	0.00	cps
Molybdenum	94-1	950	725	633	769	21.18	cps
Molybdenum	95-1	975	733	617	775	23.58	cps
Molybdenum	96-1	1008	708	700	806	21.81	cps
Molybdenum	97-1	525	383	342	417	23.07	cps
Molybdenum	98-1	1383	1033	792	1070	27.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	60	73	67	10.00	cps
Phosphorus	31-2	42	50	50	47	10.18	cps
Potassium	39-2	19555	19497	18345	19133	3.57	cps
Rhodium	103-1	6724877	7522949	7808474	7352100	7.64	cps
Rhodium	103-2	3394406	3420188	3484896	3433163	1.36	cps
Scandium	45-1	4548173	5276392	5314636	5046400	8.56	cps
Scandium	45-2	160967	160455	158002	159808	0.99	cps
Selenium	82-1	19	16	-10	8	191.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	54	43	44	20.48	cps
Silicon	28-1	544110	532872	539881	538954	1.05	cps
Silver	107-1	333	317	325	325	2.56	cps
Silver	109-1	233	292	258	261	11.21	cps
Sodium	23-2	11505	11004	11446	11319	2.42	cps
Strontium	86-1	1208	1058	700	989	26.41	cps
Strontium	88-1	6694	3142	2442	4093	55.70	cps
Sulfur	34-1	317222	311348	315519	314696	0.96	cps
Terbium	159-1	8567627	9704170	9794324	9355374	7.31	cps
Terbium	159-2	4175308	4064265	4169797	4136457	1.51	cps
Thallium	203-1	242	258	200	233	12.88	cps
Thallium	205-1	758	683	592	678	12.32	cps
Tin	118-1	425	483	417	442	8.22	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:21:35	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	225	142	208	28.84	cps
Uranium	238-1	275	200	100	192	45.81	cps
Vanadium	51-2	17	7	17	13	43.29	cps
Ytterbium	172-1	33	8	42	28	62.46	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	1408	1717	1475	1533	10.58	cps
Ytterbium	176-2	9454	9993	10087	9845	3.47	cps
Yttrium	89-1	9880002	10933598	11753498	10855699	8.65	cps
Yttrium	89-2	1130806	1167474	1129355	1142545	1.89	cps
Zinc	66-2	217	237	277	243	12.55	cps
Zirconium	90-1	600	667	725	664	9.42	cps
Zirconium	91-1	167	225	100	164	38.17	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	559	620	611	597	5.55	cps
Antimony	121-1	183	183	317	228	33.80	cps
Arsenic	75-2	2	3	2	2	24.74	cps
Barium	135-1	58	33	8	33	75.01	cps
Barium	137-1	92	50	50	64	37.66	cps
Beryllium	9-1	69	61	64	65	5.91	cps
Bismuth	209-1	6039754	6157432	6327743	6174976	2.34	cps
Bismuth	209-2	3123427	3122934	3132553	3126305	0.17	cps
Boron	10-1	1728	1934	1782	1814	5.89	cps
Boron	11-1	7977	7639	7556	7724	2.88	cps
Bromine	81-1	33987	35753	33345	34361	3.63	cps
Cadmium	111-1	2774	3090	3061	2975	5.88	cps
Cadmium	106-1	4017	4459	4409	4295	5.63	cps
Cadmium	108-1	108	75	83	89	19.52	cps
Calcium	43-1	164	129	134	142	13.32	cps
Calcium	44-1	11996	11489	11263	11583	3.24	cps
Carbon	12-1	6389809	6188827	6041874	6206837	2.81	cps
Carbon	12-2	77831	78552	78200	78195	0.46	cps
Chlorine	35-1	1536366	1524896	1516455	1525906	0.65	cps
Chlorine	35-2	10579	10412	10412	10468	0.92	cps
Chromium	52-2	523	567	510	533	5.56	cps
Cobalt	59-2	23	63	63	50	46.19	cps
Copper	63-2	950	817	873	880	7.60	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	83	33	100	72	48.04	cps
Erbium	164-2	23	33	17	24	34.31	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	147	137	130	138	6.09	cps
Holmium	165-1	9468318	9540018	9668876	9559071	1.06	cps
Holmium	165-2	4264263	4169412	4165126	4199600	1.33	cps
Indium	115-1	7508179	7849574	8005634	7787796	3.27	cps
Indium	115-2	1105501	1110153	1118704	1111453	0.60	cps
Iron	54-2	567	678	544	596	11.98	cps
Iron	56-2	4067	4017	3912	3999	1.99	cps
Iron	57-2	161	139	172	157	10.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	355	281	330	322	11.64	cps
Lead	206-1	556	489	444	496	11.27	cps
Lead	207-1	433	333	439	402	14.78	cps
Lead	208-1	1989	1878	1795	1887	5.17	cps
Lithium	6-1	2327892	2428731	2465217	2407280	2.95	cps
Magnesium	24-2	433	442	300	392	20.30	cps
Manganese	55-2	67	90	97	84	18.65	cps
Molybdenum	94-1	408	408	350	389	8.66	cps
Molybdenum	95-1	450	358	292	367	21.68	cps
Molybdenum	96-1	508	408	350	422	18.97	cps
Molybdenum	97-1	275	92	200	189	48.80	cps
Molybdenum	98-1	733	383	500	539	33.07	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	50	47	43	20.36	cps
Phosphorus	31-2	58	75	100	78	26.97	cps
Potassium	39-2	17820	19547	19213	18860	4.86	cps
Rhodium	103-1	7348266	7751787	7800652	7633568	3.25	cps
Rhodium	103-2	3339308	3363374	3376729	3359803	0.56	cps
Scandium	45-1	5185503	5237333	5319366	5247401	1.29	cps
Scandium	45-2	162417	158577	160221	160405	1.20	cps
Selenium	82-1	-26	49	-29	-2	-2113.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	60	47	65	57	16.21	cps
Silicon	28-1	520725	517167	509172	515688	1.15	cps
Silver	107-1	300	242	275	272	10.75	cps
Silver	109-1	325	267	192	261	25.60	cps
Sodium	23-2	11180	10170	10371	10574	5.05	cps
Strontium	86-1	883	725	542	717	23.86	cps
Strontium	88-1	2659	1758	1500	1972	30.83	cps
Sulfur	34-1	320075	321661	318859	320198	0.44	cps
Terbium	159-1	9293687	9819130	9666454	9593090	2.82	cps
Terbium	159-2	4191950	4155782	4174468	4174067	0.43	cps
Thallium	203-1	125	225	125	158	36.47	cps
Thallium	205-1	350	408	325	361	11.84	cps
Tin	118-1	317	442	475	411	20.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315TB	Instrumnet Name :	P8
Client Sample ID :	PB151315TB	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:25:53	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	92	133	150	45.47	cps
Uranium	238-1	108	117	58	94	33.40	cps
Vanadium	51-2	10	23	23	19	40.75	cps
Ytterbium	172-1	42	8	25	25	66.68	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	1625	1542	1450	1539	5.69	cps
Ytterbium	176-2	9620	9904	10321	9948	3.54	cps
Yttrium	89-1	11307389	11403506	11459623	11390173	0.68	cps
Yttrium	89-2	1123823	1155586	1132796	1137402	1.44	cps
Zinc	66-2	247	273	210	243	13.07	cps
Zirconium	90-1	775	783	867	808	6.27	cps
Zirconium	91-1	125	167	150	147	14.25	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81	64	79	75	12.69	cps
Antimony	121-1	108	142	183	144	26.01	cps
Arsenic	75-2	6	4	4	5	24.74	cps
Barium	135-1	42	33	17	31	41.65	cps
Barium	137-1	8	17	8	11	43.34	cps
Beryllium	9-1	55	54	49	52	6.30	cps
Bismuth	209-1	6247630	6199687	6230978	6226099	0.39	cps
Bismuth	209-2	3046671	3612131	3145839	3268214	9.24	cps
Boron	10-1	1410	1338	1412	1386	3.04	cps
Boron	11-1	6362	6278	6004	6215	3.01	cps
Bromine	81-1	32963	33505	32983	33150	0.93	cps
Cadmium	111-1	3016	3053	2985	3018	1.13	cps
Cadmium	106-1	4342	4426	4276	4348	1.73	cps
Cadmium	108-1	75	100	71	82	19.25	cps
Calcium	43-1	134	137	125	132	4.85	cps
Calcium	44-1	11165	11088	10890	11048	1.28	cps
Carbon	12-1	5730160	5898605	5892781	5840515	1.64	cps
Carbon	12-2	75745	75896	75922	75854	0.13	cps
Chlorine	35-1	1548675	1556027	1556304	1553669	0.28	cps
Chlorine	35-2	10546	9795	10362	10234	3.82	cps
Chromium	52-2	507	547	567	540	5.66	cps
Cobalt	59-2	57	27	50	44	35.44	cps
Copper	63-2	760	890	880	843	8.58	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	100	58	69	38.58	cps
Erbium	164-2	17	37	33	29	37.08	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	150	127	123	133	10.89	cps
Holmium	165-1	9333618	9477959	9671481	9494353	1.79	cps
Holmium	165-2	4072897	4824876	4118097	4338624	9.72	cps
Indium	115-1	7881378	7579735	7869322	7776812	2.20	cps
Indium	115-2	1100532	1289878	1096596	1162335	9.50	cps
Iron	54-2	544	444	511	500	10.18	cps
Iron	56-2	3323	3111	3178	3204	3.37	cps
Iron	57-2	94	156	167	139	28.00	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	294	316	260	290	9.76	cps
Lead	206-1	522	439	417	459	12.12	cps
Lead	207-1	406	339	356	367	9.46	cps
Lead	208-1	2083	1678	1650	1804	13.45	cps
Lithium	6-1	2362698	2369271	2504300	2412090	3.31	cps
Magnesium	24-2	300	308	317	308	2.70	cps
Manganese	55-2	53	43	47	48	10.66	cps
Molybdenum	94-1	425	333	283	347	20.69	cps
Molybdenum	95-1	142	158	183	161	13.02	cps
Molybdenum	96-1	200	300	292	264	21.03	cps
Molybdenum	97-1	92	75	117	94	22.21	cps
Molybdenum	98-1	267	225	258	250	8.82	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	47	47	43	13.32	cps
Phosphorus	31-2	83	50	75	69	24.98	cps
Potassium	39-2	17836	18638	18771	18415	2.74	cps
Rhodium	103-1	7541640	7599474	7846933	7662682	2.12	cps
Rhodium	103-2	3360993	3887653	3306560	3518402	9.12	cps
Scandium	45-1	5338537	5382536	5561352	5427475	2.17	cps
Scandium	45-2	155810	183504	158300	165871	9.24	cps
Selenium	82-1	28	-29	80	26	207.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	46	42	45	5.88	cps
Silicon	28-1	515541	512779	514599	514306	0.27	cps
Silver	107-1	308	375	317	333	10.90	cps
Silver	109-1	300	200	208	236	23.50	cps
Sodium	23-2	9628	10204	9862	9898	2.92	cps
Strontium	86-1	642	600	675	639	5.88	cps
Strontium	88-1	1367	1167	983	1172	16.36	cps
Sulfur	34-1	334823	327035	335040	332299	1.37	cps
Terbium	159-1	9858912	9593398	9945060	9799123	1.87	cps
Terbium	159-2	4076291	4717673	4114996	4302987	8.36	cps
Thallium	203-1	100	83	125	103	20.40	cps
Thallium	205-1	317	308	308	311	1.55	cps
Tin	118-1	333	483	408	408	18.37	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BL	Instrumnet Name :	P8
Client Sample ID :	PB151315BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:28:55	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	142	125	125	13.33	cps
Uranium	238-1	75	17	42	44	65.84	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Ytterbium	172-1	50	50	33	44	21.66	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	1925	1675	1600	1733	9.82	cps
Ytterbium	176-2	9548	11288	10432	10423	8.35	cps
Yttrium	89-1	10975538	11363277	11458867	11265894	2.27	cps
Yttrium	89-2	1124384	1317860	1117419	1186554	9.59	cps
Zinc	66-2	147	190	247	194	25.79	cps
Zirconium	90-1	742	592	700	678	11.43	cps
Zirconium	91-1	92	133	117	114	18.41	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511031	494394	496452	500626	1.81	cps
Antimony	121-1	2939544	3002110	2934241	2958632	1.28	cps
Arsenic	75-2	79926	75952	76730	77536	2.72	cps
Barium	135-1	3596537	3682941	3646960	3642146	1.19	cps
Barium	137-1	6242497	6074279	6160645	6159140	1.37	cps
Beryllium	9-1	789905	790314	792496	790905	0.18	cps
Bismuth	209-1	6039402	6303215	5965914	6102844	2.91	cps
Bismuth	209-2	3121456	3152245	2329255	2867652	16.27	cps
Boron	10-1	91593	99488	106179	99087	7.37	cps
Boron	11-1	413096	439461	481608	444722	7.77	cps
Bromine	81-1	32110	35372	35251	34244	5.40	cps
Cadmium	111-1	886532	908420	880972	891975	1.63	cps
Cadmium	106-1	102345	103699	101273	102439	1.19	cps
Cadmium	108-1	68792	69542	69906	69413	0.82	cps
Calcium	43-1	1151833	1215481	1176298	1181204	2.72	cps
Calcium	44-1	17850754	18403436	18022378	18092190	1.56	cps
Carbon	12-1	5644994	5819287	5938520	5800934	2.54	cps
Carbon	12-2	79875	80328	78829	79677	0.97	cps
Chlorine	35-1	1549370	1611041	1621586	1593999	2.45	cps
Chlorine	35-2	11288	10562	11522	11124	4.50	cps
Chromium	52-2	821385	772325	785631	793114	3.20	cps
Cobalt	59-2	1572663	1448820	1500184	1507222	4.13	cps
Copper	63-2	12068551	11851304	11688999	11869618	1.60	cps
Dysprosium	156-1	300	217	167	228	29.57	cps
Dysprosium	156-2	90	93	83	89	5.72	cps
Erbium	164-1	117	50	108	92	39.63	cps
Erbium	164-2	33	40	47	40	16.68	cps
Gadolinium	160-1	133	208	183	175	21.82	cps
Gadolinium	160-2	203	187	157	182	12.98	cps
Holmium	165-1	9729452	9980276	10092293	9934007	1.87	cps
Holmium	165-2	4177484	4636226	3343527	4052412	16.17	cps
Indium	115-1	7725432	7947817	7889088	7854112	1.47	cps
Indium	115-2	1098167	1164320	798888	1020458	19.08	cps
Iron	54-2	2019217	1959747	1980431	1986465	1.52	cps
Iron	56-2	36152877	34165322	35429101	35249100	2.85	cps
Iron	57-2	885887	830030	844823	853580	3.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	317	297	332	316	5.56	cps
Lead	206-1	13492883	13186087	13157890	13278954	1.40	cps
Lead	207-1	11569961	11745242	11781020	11698741	0.97	cps
Lead	208-1	53218664	53496683	52806936	53174094	0.65	cps
Lithium	6-1	2328236	2450944	2400790	2393323	2.58	cps
Magnesium	24-2	7491022	7040856	7019142	7183673	3.71	cps
Manganese	55-2	4497085	4374724	4312445	4394751	2.14	cps
Molybdenum	94-1	11919784	11862992	11924882	11902553	0.29	cps
Molybdenum	95-1	17079109	17627982	17401402	17369498	1.59	cps
Molybdenum	96-1	19229404	19004042	19264072	19165839	0.74	cps
Molybdenum	97-1	10886468	10624342	11001133	10837314	1.78	cps
Molybdenum	98-1	28409859	27951564	27844386	28068603	1.07	cps
Neodymium	150-1	280	407	433	373	21.94	cps
Neodymium	150-2	37	17	13	22	56.80	cps
Nickel	60-2	412404	397699	394702	401602	2.36	cps
Phosphorus	31-2	28136	27736	27727	27866	0.84	cps
Potassium	39-2	2315642	2279995	2222921	2272852	2.06	cps
Rhodium	103-1	7537549	7448359	7435847	7473918	0.74	cps
Rhodium	103-2	3310586	3462195	2485486	3086089	17.03	cps
Scandium	45-1	5329794	5309935	5401918	5347216	0.91	cps
Scandium	45-2	162453	172359	121384	152065	17.77	cps
Selenium	82-1	73822	74195	73188	73735	0.69	cps
Selenium	77-2	1963	1933	1683	1860	8.27	cps
Selenium	78-2	6792	6410	6355	6519	3.65	cps
Silicon	28-1	2885487	3260511	3426349	3190782	8.68	cps
Silver	107-1	4388361	4430664	4348669	4389231	0.93	cps
Silver	109-1	4210108	4220957	4193897	4208321	0.32	cps
Sodium	23-2	13009726	12493611	12403683	12635674	2.59	cps
Strontium	86-1	26319152	26580260	26466275	26455229	0.49	cps
Strontium	88-1	223502913	225155747	223326013	223994891	0.45	cps
Sulfur	34-1	770883	753651	753472	759335	1.32	cps
Terbium	159-1	10327945	10177790	10243266	10249667	0.73	cps
Terbium	159-2	4198027	4390987	3098424	3895813	17.90	cps
Thallium	203-1	3156232	3231730	3143470	3177144	1.50	cps
Thallium	205-1	7238835	7205901	7302942	7249226	0.68	cps
Tin	118-1	2656009	2653754	2634528	2648097	0.45	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	PB151315BS	Instrumnet Name :	P8
Client Sample ID :	PB151315BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:32:00	DataFile Name :	094LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4912820	4831993	5099084	4947965	2.77	cps
Uranium	238-1	10025967	10326235	9767997	10040066	2.78	cps
Vanadium	51-2	634720	603300	619041	619020	2.54	cps
Ytterbium	172-1	75	83	67	75	11.11	cps
Ytterbium	172-2	33	39	28	33	16.67	cps
Ytterbium	176-1	14175	14583	13783	14180	2.82	cps
Ytterbium	176-2	15231	15832	12762	14608	11.14	cps
Yttrium	89-1	11258542	11392799	11489030	11380124	1.02	cps
Yttrium	89-2	1149542	1212054	843626	1068407	18.45	cps
Zinc	66-2	1451439	1463789	1417873	1444367	1.65	cps
Zirconium	90-1	5749104	5609148	5705884	5688045	1.26	cps
Zirconium	91-1	1311843	1298156	1236873	1282291	3.11	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955657	923630	909428	929571	2.55	cps
Antimony	121-1	56370	74445	70743	67186	14.21	cps
Arsenic	75-2	2586	2612	2621	2606	0.70	cps
Barium	135-1	350195	349871	361250	353772	1.83	cps
Barium	137-1	601977	616641	632127	616915	2.44	cps
Beryllium	9-1	11975	12371	12281	12209	1.70	cps
Bismuth	209-1	6284961	6997498	6949164	6743874	5.90	cps
Bismuth	209-2	3355785	3349812	3342598	3349398	0.20	cps
Boron	10-1	76694	84608	88505	83269	7.23	cps
Boron	11-1	339993	381381	401144	374173	8.34	cps
Bromine	81-1	43321	44657	48896	45625	6.38	cps
Cadmium	111-1	38995	38255	40020	39090	2.27	cps
Cadmium	106-1	8936	8361	8820	8706	3.49	cps
Cadmium	108-1	2459	2463	2363	2428	2.33	cps
Calcium	43-1	2811616	2943823	2952203	2902547	2.72	cps
Calcium	44-1	47078532	47090391	48496883	47555269	1.71	cps
Carbon	12-1	6412602	6965342	7488946	6955630	7.74	cps
Carbon	12-2	96476	99697	102122	99431	2.85	cps
Chlorine	35-1	204727821	262276089	287720256	251574722	16.90	cps
Chlorine	35-2	2270622	2349977	2398100	2339566	2.75	cps
Chromium	52-2	39792	39578	39070	39480	0.94	cps
Cobalt	59-2	278192	268229	271756	272726	1.85	cps
Copper	63-2	1032457	1017803	996113	1015458	1.80	cps
Dysprosium	156-1	167416	171506	174104	171009	1.97	cps
Dysprosium	156-2	69796	67949	69329	69025	1.39	cps
Erbium	164-1	199106	203918	212966	205330	3.43	cps
Erbium	164-2	79051	78290	77591	78311	0.93	cps
Gadolinium	160-1	176743	183517	178368	179543	1.97	cps
Gadolinium	160-2	80003	79539	80864	80135	0.84	cps
Holmium	165-1	10147751	10595279	10955118	10566050	3.83	cps
Holmium	165-2	4250132	4170040	4257281	4225818	1.15	cps
Indium	115-1	8077732	8153886	8505482	8245700	2.77	cps
Indium	115-2	1087302	1056236	1071580	1071706	1.45	cps
Iron	54-2	2447437	2324578	2368455	2380157	2.62	cps
Iron	56-2	43110273	41685030	42485665	42426989	1.68	cps
Iron	57-2	1048724	1026791	1007528	1027681	2.01	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	679	695	642	672	4.00	cps
Lead	206-1	11676035	11858236	12458275	11997516	3.41	cps
Lead	207-1	10018288	10198245	10259293	10158609	1.23	cps
Lead	208-1	46355009	47573936	47638782	47189243	1.53	cps
Lithium	6-1	2418214	2577867	2652810	2549630	4.70	cps
Magnesium	24-2	1542244	1516064	1513514	1523941	1.04	cps
Manganese	55-2	4521352	4481934	4437397	4480228	0.94	cps
Molybdenum	94-1	15351	16360	15809	15840	3.19	cps
Molybdenum	95-1	2142	2025	1834	2000	7.78	cps
Molybdenum	96-1	5835	5351	5259	5482	5.64	cps
Molybdenum	97-1	975	950	942	956	1.82	cps
Molybdenum	98-1	3309	2325	2459	2698	19.78	cps
Neodymium	150-1	182859	183937	188116	184971	1.50	cps
Neodymium	150-2	52874	53832	52553	53086	1.25	cps
Nickel	60-2	69014	66729	67151	67631	1.80	cps
Phosphorus	31-2	5276	4943	4909	5043	4.02	cps
Potassium	39-2	793521	789076	782426	788341	0.71	cps
Rhodium	103-1	7654706	7620167	7847053	7707309	1.59	cps
Rhodium	103-2	3342336	3221601	3225084	3263007	2.11	cps
Scandium	45-1	5613842	5528427	5806581	5649617	2.52	cps
Scandium	45-2	152200	152281	151683	152055	0.21	cps
Selenium	82-1	356	386	406	383	6.57	cps
Selenium	77-2	287	213	273	258	15.15	cps
Selenium	78-2	282	259	274	272	4.30	cps
Silicon	28-1	51325547	51289533	50897428	51170836	0.46	cps
Silver	107-1	10196	12389	13933	12173	15.43	cps
Silver	109-1	10488	11072	15017	12192	20.21	cps
Sodium	23-2	6640855	6657390	6651613	6649953	0.13	cps
Strontium	86-1	1327625	1400202	1408025	1378617	3.22	cps
Strontium	88-1	11609917	11849438	11543734	11667696	1.38	cps
Sulfur	34-1	9693359	9715095	9502302	9636919	1.21	cps
Terbium	159-1	10280293	11034059	10713532	10675961	3.54	cps
Terbium	159-2	4292117	4103025	4236331	4210491	2.31	cps
Thallium	203-1	1817	1892	2025	1911	5.52	cps
Thallium	205-1	3951	4643	4943	4512	11.28	cps
Tin	118-1	10188	13974	18780	14314	30.08	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:40:58	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23754	24688	24572	24338	2.09	cps
Uranium	238-1	73623	77261	77203	76029	2.74	cps
Vanadium	51-2	205368	205756	204701	205275	0.26	cps
Ytterbium	172-1	60608	61427	62096	61377	1.21	cps
Ytterbium	172-2	28197	27757	28019	27991	0.79	cps
Ytterbium	176-1	39008	39660	41165	39945	2.77	cps
Ytterbium	176-2	26516	26622	27284	26807	1.55	cps
Yttrium	89-1	15433946	15755008	15919659	15702871	1.57	cps
Yttrium	89-2	1510303	1469617	1427422	1469114	2.82	cps
Zinc	66-2	889935	882830	868296	880353	1.25	cps
Zirconium	90-1	41839	41362	42859	42020	1.82	cps
Zirconium	91-1	9237	9462	8878	9192	3.20	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870182	875140	836355	860559	2.45	cps
Antimony	121-1	35840	33383	30660	33294	7.78	cps
Arsenic	75-2	2445	2493	2355	2431	2.88	cps
Barium	135-1	357353	348841	356116	354103	1.30	cps
Barium	137-1	621536	604579	632310	619475	2.26	cps
Beryllium	9-1	11736	11536	11624	11632	0.86	cps
Bismuth	209-1	6641728	8783172	7353855	7592918	14.36	cps
Bismuth	209-2	3282735	3282557	3268168	3277820	0.26	cps
Boron	10-1	75915	82984	86084	81661	6.38	cps
Boron	11-1	348004	384509	400126	377546	7.09	cps
Bromine	81-1	44176	44055	48093	45441	5.06	cps
Cadmium	111-1	38418	39080	39523	39007	1.43	cps
Cadmium	106-1	8469	9737	8953	9053	7.07	cps
Cadmium	108-1	2463	2392	2388	2414	1.75	cps
Calcium	43-1	2902217	2797132	2799968	2833106	2.11	cps
Calcium	44-1	46107547	46098663	46674232	46293480	0.71	cps
Carbon	12-1	6334822	7076025	7387820	6932889	7.80	cps
Carbon	12-2	94152	94338	93280	93923	0.60	cps
Chlorine	35-1	254455806	295431223	323292832	291059954	11.90	cps
Chlorine	35-2	2311166	2347598	2324121	2327628	0.79	cps
Chromium	52-2	38007	35581	35220	36269	4.18	cps
Cobalt	59-2	253528	254921	242420	250290	2.74	cps
Copper	63-2	959152	940770	930205	943375	1.55	cps
Dysprosium	156-1	169330	169310	175686	171442	2.14	cps
Dysprosium	156-2	66294	64476	63534	64768	2.17	cps
Erbium	164-1	201099	204412	210555	205355	2.34	cps
Erbium	164-2	75470	74686	72614	74257	1.99	cps
Gadolinium	160-1	175865	173396	184062	177775	3.14	cps
Gadolinium	160-2	76237	75834	72694	74922	2.59	cps
Holmium	165-1	10394975	13542580	10998348	11645301	14.35	cps
Holmium	165-2	4357582	4124710	4209661	4230651	2.79	cps
Indium	115-1	7777814	10564504	8220430	8854249	16.91	cps
Indium	115-2	1046698	1038655	1051996	1045783	0.64	cps
Iron	54-2	2231744	2128149	2043564	2134486	4.42	cps
Iron	56-2	39673161	38634683	37669126	38658990	2.59	cps
Iron	57-2	960900	931074	917016	936330	2.39	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	689	636	612	646	6.04	cps
Lead	206-1	12124455	12006756	12678093	12269768	2.92	cps
Lead	207-1	10248348	10027425	10667247	10314340	3.15	cps
Lead	208-1	47895308	47437105	50254599	48529004	3.12	cps
Lithium	6-1	2384514	3173252	2671997	2743254	14.55	cps
Magnesium	24-2	1393552	1416637	1382293	1397494	1.25	cps
Manganese	55-2	4250704	4090014	3974920	4105213	3.37	cps
Molybdenum	94-1	15918	15009	16277	15734	4.15	cps
Molybdenum	95-1	1425	1600	1500	1508	5.82	cps
Molybdenum	96-1	4993	4834	4584	4804	4.29	cps
Molybdenum	97-1	808	692	742	747	7.83	cps
Molybdenum	98-1	1892	1750	1525	1722	10.74	cps
Neodymium	150-1	183563	183870	182136	183190	0.51	cps
Neodymium	150-2	51462	49384	49411	50086	2.38	cps
Nickel	60-2	63277	62253	60809	62113	2.00	cps
Phosphorus	31-2	4643	4534	4284	4487	4.10	cps
Potassium	39-2	722918	715472	695809	711400	1.97	cps
Rhodium	103-1	7378167	9839890	8070585	8429547	15.06	cps
Rhodium	103-2	3264641	3116987	3310446	3230691	3.13	cps
Scandium	45-1	5291324	7073929	5697742	6020999	15.52	cps
Scandium	45-2	146767	145066	145637	145823	0.59	cps
Selenium	82-1	336	382	450	390	14.68	cps
Selenium	77-2	197	187	223	202	9.37	cps
Selenium	78-2	294	261	250	268	8.53	cps
Silicon	28-1	50845595	48271022	50178677	49765098	2.68	cps
Silver	107-1	6327	6468	4976	5924	13.91	cps
Silver	109-1	6018	5435	4793	5415	11.32	cps
Sodium	23-2	6044096	6069618	5880299	5998005	1.71	cps
Strontium	86-1	1328013	1322637	1391448	1347366	2.84	cps
Strontium	88-1	11337971	11547252	12193007	11692743	3.81	cps
Sulfur	34-1	9560810	9238223	9499338	9432790	1.82	cps
Terbium	159-1	10136629	13977267	11012409	11708768	17.19	cps
Terbium	159-2	4212006	4036984	4072532	4107174	2.25	cps
Thallium	203-1	1633	1433	1258	1442	13.02	cps
Thallium	205-1	3592	3492	4201	3762	10.19	cps
Tin	118-1	13132	16911	20633	16892	22.20	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUP	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:45:08	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23436	22835	23770	23347	2.03	cps
Uranium	238-1	76615	74479	78587	76560	2.68	cps
Vanadium	51-2	192588	191719	184480	189596	2.35	cps
Ytterbium	172-1	62147	60547	64257	62317	2.99	cps
Ytterbium	172-2	26243	26772	25625	26213	2.19	cps
Ytterbium	176-1	39870	39543	40948	40120	1.83	cps
Ytterbium	176-2	26722	27256	25748	26575	2.88	cps
Yttrium	89-1	14999629	19193733	16333877	16842413	12.72	cps
Yttrium	89-2	1426159	1385384	1391280	1400941	1.57	cps
Zinc	66-2	832604	815714	807411	818577	1.57	cps
Zirconium	90-1	39123	41120	41630	40624	3.26	cps
Zirconium	91-1	9137	9228	9087	9150	0.79	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170342	168389	164697	167810	1.71	cps
Antimony	121-1	6593	7069	7060	6907	3.94	cps
Arsenic	75-2	483	474	455	471	3.04	cps
Barium	135-1	67393	67678	66916	67329	0.57	cps
Barium	137-1	119706	120857	116216	118926	2.03	cps
Beryllium	9-1	2314	2409	2369	2364	2.02	cps
Bismuth	209-1	6713300	6638913	6728818	6693677	0.72	cps
Bismuth	209-2	3093387	3144124	2994495	3077335	2.47	cps
Boron	10-1	23328	23550	23578	23485	0.58	cps
Boron	11-1	105166	108265	109056	107496	1.91	cps
Bromine	81-1	38071	39748	39456	39092	2.29	cps
Cadmium	111-1	10080	10443	9606	10043	4.18	cps
Cadmium	106-1	4976	5059	4634	4890	4.61	cps
Cadmium	108-1	554	608	450	538	14.97	cps
Calcium	43-1	556189	555461	538224	549958	1.85	cps
Calcium	44-1	9210433	9121617	8715612	9015887	2.93	cps
Carbon	12-1	4880128	5006657	4975624	4954136	1.33	cps
Carbon	12-2	61580	63170	61329	62026	1.61	cps
Chlorine	35-1	86219679	90381500	91652440	89417873	3.18	cps
Chlorine	35-2	578590	568707	558292	568530	1.79	cps
Chromium	52-2	7502	7595	7319	7472	1.88	cps
Cobalt	59-2	48556	49887	47573	48672	2.39	cps
Copper	63-2	188299	190902	186619	188606	1.14	cps
Dysprosium	156-1	34027	32874	33760	33554	1.80	cps
Dysprosium	156-2	12519	12683	11872	12358	3.47	cps
Erbium	164-1	39317	40646	38983	39649	2.22	cps
Erbium	164-2	14371	13714	13670	13919	2.82	cps
Gadolinium	160-1	35055	33986	33969	34337	1.81	cps
Gadolinium	160-2	14371	13904	14231	14169	1.69	cps
Holmium	165-1	10487766	10437481	9860281	10261843	3.40	cps
Holmium	165-2	4088377	4036157	3994171	4039568	1.17	cps
Indium	115-1	8265772	8138350	7954419	8119514	1.93	cps
Indium	115-2	1041686	1029392	1025047	1032042	0.84	cps
Iron	54-2	399342	403366	392543	398417	1.37	cps
Iron	56-2	7578577	7377203	7490387	7482056	1.35	cps
Iron	57-2	184852	186875	180316	184014	1.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	351	391	381	375	5.56	cps
Lead	206-1	2460981	2440582	2482569	2461378	0.85	cps
Lead	207-1	2064155	2076546	2093146	2077949	0.70	cps
Lead	208-1	9664999	9731603	9728508	9708370	0.39	cps
Lithium	6-1	2514337	2446249	2383742	2448109	2.67	cps
Magnesium	24-2	272141	264403	259412	265319	2.42	cps
Manganese	55-2	787172	771623	760199	772998	1.75	cps
Molybdenum	94-1	3442	3434	3175	3351	4.53	cps
Molybdenum	95-1	408	525	483	472	12.52	cps
Molybdenum	96-1	1267	1125	1192	1195	5.93	cps
Molybdenum	97-1	250	233	183	222	15.61	cps
Molybdenum	98-1	683	625	542	617	11.55	cps
Neodymium	150-1	36029	35547	34678	35418	1.93	cps
Neodymium	150-2	9483	9553	9567	9535	0.47	cps
Nickel	60-2	12185	12459	11491	12045	4.14	cps
Phosphorus	31-2	1083	867	850	933	13.95	cps
Potassium	39-2	152520	152883	153310	152904	0.26	cps
Rhodium	103-1	7913137	7769741	7624582	7769153	1.86	cps
Rhodium	103-2	3279711	3255242	3238894	3257949	0.63	cps
Scandium	45-1	5456008	5402802	5213474	5357428	2.38	cps
Scandium	45-2	140411	146854	146733	144666	2.55	cps
Selenium	82-1	102	66	16	62	70.23	cps
Selenium	77-2	50	50	30	43	26.65	cps
Selenium	78-2	78	85	72	78	8.30	cps
Silicon	28-1	9741470	9820139	9758905	9773505	0.42	cps
Silver	107-1	1250	1050	933	1078	14.86	cps
Silver	109-1	1108	1117	1158	1128	2.38	cps
Sodium	23-2	1241475	1201035	1172654	1205055	2.87	cps
Strontium	86-1	258653	256692	248477	254607	2.12	cps
Strontium	88-1	2266797	2247047	2233275	2249040	0.75	cps
Sulfur	34-1	2104382	2086230	2093941	2094851	0.43	cps
Terbium	159-1	10499931	10233910	9930082	10221308	2.79	cps
Terbium	159-2	3938204	3980979	3951489	3956891	0.55	cps
Thallium	203-1	425	375	350	383	9.96	cps
Thallium	205-1	1308	1108	1292	1236	8.98	cps
Tin	118-1	1759	1959	1867	1861	5.38	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201L	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 18:48:03	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4834	4659	4376	4623	5.00	cps
Uranium	238-1	15109	14968	14976	15018	0.53	cps
Vanadium	51-2	36249	36971	36222	36481	1.16	cps
Ytterbium	172-1	12923	12556	11647	12376	5.31	cps
Ytterbium	172-2	5090	5318	5173	5194	2.22	cps
Ytterbium	176-1	9229	9187	8620	9012	3.77	cps
Ytterbium	176-2	12373	13363	12673	12803	3.96	cps
Yttrium	89-1	12429882	12152519	12314719	12299040	1.13	cps
Yttrium	89-2	1096852	1112397	1085025	1098091	1.25	cps
Zinc	66-2	168228	164758	164909	165965	1.18	cps
Zirconium	90-1	8620	8586	7994	8400	4.19	cps
Zirconium	91-1	1900	1734	1942	1859	5.93	cps

LB Number : LB124432 Operator : Jaswal
 Lab Sample ID : O1404-07MS Instrumnet Name : P8
 Client Sample ID : NPHACK-SOIL-0201MS Dilution Factor : 1
 Date & Time Acquired : 2023-03-09 18:50:59 DataFile Name : 098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1235599	1219795	1110068	1188487	5.75	cps
Antimony	121-1	2279580	2360015	2304729	2314775	1.78	cps
Arsenic	75-2	77450	73236	70756	73814	4.58	cps
Barium	135-1	3988660	4040108	3923583	3984117	1.47	cps
Barium	137-1	6718478	6906166	6666627	6763757	1.86	cps
Beryllium	9-1	720263	721356	719583	720401	0.12	cps
Bismuth	209-1	6735112	6878648	6743770	6785843	1.19	cps
Bismuth	209-2	2630031	2971531	3050850	2884137	7.75	cps
Boron	10-1	146726	164762	170941	160810	7.82	cps
Boron	11-1	673742	740924	785533	733399	7.67	cps
Bromine	81-1	43683	43572	45451	44235	2.38	cps
Cadmium	111-1	909342	948546	915087	924325	2.29	cps
Cadmium	106-1	102522	103866	105722	104037	1.54	cps
Cadmium	108-1	65983	67490	67447	66973	1.28	cps
Calcium	43-1	3513898	3566273	3585994	3555388	1.05	cps
Calcium	44-1	57443336	58339833	57213187	57665452	1.03	cps
Carbon	12-1	6078348	6602773	7061465	6580862	7.48	cps
Carbon	12-2	95208	94563	93070	94280	1.16	cps
Chlorine	35-1	235444164	276751165	311018465	274404598	13.79	cps
Chlorine	35-2	2197154	2200863	2186443	2194820	0.34	cps
Chromium	52-2	742656	713289	681699	712548	4.28	cps
Cobalt	59-2	1618261	1550943	1492741	1553982	4.04	cps
Copper	63-2	12339610	11325415	11064990	11576672	5.82	cps
Dysprosium	156-1	159752	160816	159143	159904	0.53	cps
Dysprosium	156-2	61612	58957	55442	58670	5.28	cps
Erbium	164-1	179418	192954	186573	186315	3.63	cps
Erbium	164-2	71062	67645	63565	67424	5.57	cps
Gadolinium	160-1	159519	164739	164415	162891	1.80	cps
Gadolinium	160-2	70348	67986	65356	67897	3.68	cps
Holmium	165-1	10332916	10446236	10068779	10282644	1.88	cps
Holmium	165-2	3409970	3823327	4032130	3755143	8.43	cps
Indium	115-1	7973509	8045463	7758142	7925705	1.89	cps
Indium	115-2	836251	959420	999076	931582	9.11	cps
Iron	54-2	3743029	3625789	3516393	3628404	3.12	cps
Iron	56-2	67197604	64413486	61193582	64268224	4.68	cps
Iron	57-2	1710488	1637253	1589252	1645664	3.71	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MS	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:50:59	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	686	612	649	649	5.68	cps
Lead	206-1	23948671	24019335	24526195	24164734	1.30	cps
Lead	207-1	20114914	20458480	21225642	20599679	2.76	cps
Lead	208-1	94347704	96747029	95835505	95643412	1.27	cps
Lithium	6-1	2559139	2479354	2446050	2494848	2.33	cps
Magnesium	24-2	7424550	7535905	6880312	7280256	4.82	cps
Manganese	55-2	7570987	7298016	6970634	7279879	4.13	cps
Molybdenum	94-1	5680219	5702999	5661294	5681504	0.37	cps
Molybdenum	95-1	6519607	6643755	6542597	6568653	1.01	cps
Molybdenum	96-1	7426874	7471409	7506304	7468196	0.53	cps
Molybdenum	97-1	4069637	4172314	4141343	4127764	1.28	cps
Molybdenum	98-1	10255745	10347475	10577541	10393587	1.60	cps
Neodymium	150-1	167846	170095	167447	168463	0.85	cps
Neodymium	150-2	46538	45062	42193	44598	4.95	cps
Nickel	60-2	425782	400136	393912	406610	4.15	cps
Phosphorus	31-2	4034	3692	3717	3814	4.99	cps
Potassium	39-2	2225063	2258539	2134428	2206010	2.91	cps
Rhodium	103-1	7461932	7544909	7359237	7455359	1.25	cps
Rhodium	103-2	2644131	2924607	3047588	2872109	7.20	cps
Scandium	45-1	5370621	5338327	5270511	5326486	0.96	cps
Scandium	45-2	119702	131382	141768	130951	8.43	cps
Selenium	82-1	70211	74273	72569	72351	2.82	cps
Selenium	77-2	1920	1700	1777	1799	6.21	cps
Selenium	78-2	6051	5793	5552	5798	4.31	cps
Silicon	28-1	43765651	41654600	44311588	43243946	3.24	cps
Silver	107-1	4171053	4204355	4234507	4203305	0.76	cps
Silver	109-1	3929457	3881827	3924005	3911763	0.67	cps
Sodium	23-2	17136683	16646233	15869821	16550912	3.86	cps
Strontium	86-1	2245238	2283292	2297244	2275258	1.18	cps
Strontium	88-1	18379870	19293891	19193655	18955805	2.64	cps
Sulfur	34-1	8289449	8175622	8576803	8347292	2.48	cps
Terbium	159-1	10618500	10685481	10338425	10547469	1.75	cps
Terbium	159-2	3451716	3697998	4040925	3730213	7.93	cps
Thallium	203-1	3108127	3241778	3078386	3142764	2.77	cps
Thallium	205-1	7287059	7342352	7356932	7328781	0.50	cps
Tin	118-1	2573206	2598802	2522178	2564729	1.52	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MS	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:50:59	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1824763	1870478	1827583	1840941	1.39	cps
Uranium	238-1	10018316	10363125	10399772	10260404	2.05	cps
Vanadium	51-2	741869	721834	691170	718291	3.55	cps
Ytterbium	172-1	54012	59376	55793	56394	4.84	cps
Ytterbium	172-2	24551	23722	22531	23601	4.30	cps
Ytterbium	176-1	42619	46700	43356	44225	4.92	cps
Ytterbium	176-2	26594	27217	26071	26627	2.16	cps
Yttrium	89-1	15281811	15070253	15003922	15118662	0.96	cps
Yttrium	89-2	1167356	1228150	1309694	1235066	5.78	cps
Zinc	66-2	2073171	1933562	1945775	1984169	3.90	cps
Zirconium	90-1	5544230	5735832	5813515	5697859	2.43	cps
Zirconium	91-1	1237201	1252787	1258411	1249466	0.88	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1204344	1147487	1095267	1149033	4.75	cps
Antimony	121-1	2272577	2353959	2406655	2344397	2.88	cps
Arsenic	75-2	75028	73229	71448	73235	2.44	cps
Barium	135-1	3820970	3874607	4088324	3927967	3.60	cps
Barium	137-1	6448868	6594134	6932547	6658516	3.73	cps
Beryllium	9-1	700591	706298	707026	704638	0.50	cps
Bismuth	209-1	6586788	7037389	6400547	6674908	4.91	cps
Bismuth	209-2	3004213	3067506	3014462	3028727	1.12	cps
Boron	10-1	149146	165611	174650	163136	7.93	cps
Boron	11-1	699945	750828	806464	752412	7.08	cps
Bromine	81-1	41143	45490	45410	44014	5.65	cps
Cadmium	111-1	882525	924405	927269	911400	2.75	cps
Cadmium	106-1	99595	104084	99097	100925	2.72	cps
Cadmium	108-1	66070	67251	66745	66689	0.89	cps
Calcium	43-1	3430741	3374553	3445322	3416872	1.09	cps
Calcium	44-1	56106877	54438349	56014450	55519892	1.69	cps
Carbon	12-1	6550022	6865413	7277414	6897616	5.29	cps
Carbon	12-2	95854	96509	96836	96400	0.52	cps
Chlorine	35-1	267833931	305765349	334934649	302844643	11.11	cps
Chlorine	35-2	2291627	2283590	2279384	2284867	0.27	cps
Chromium	52-2	722845	704841	680190	702625	3.05	cps
Cobalt	59-2	1590926	1533237	1542776	1555646	1.99	cps
Copper	63-2	11853719	11504766	11333825	11564103	2.29	cps
Dysprosium	156-1	147740	155620	154489	152617	2.79	cps
Dysprosium	156-2	59560	58561	56519	58213	2.66	cps
Erbium	164-1	180848	188356	186953	185386	2.15	cps
Erbium	164-2	66479	66094	65799	66124	0.52	cps
Gadolinium	160-1	157133	161037	164433	160867	2.27	cps
Gadolinium	160-2	68341	66059	66244	66881	1.89	cps
Holmium	165-1	10143554	10820201	9610290	10191348	5.95	cps
Holmium	165-2	4070829	3969308	3988242	4009460	1.35	cps
Indium	115-1	7751596	8081639	7440394	7757876	4.13	cps
Indium	115-2	949277	964922	950312	954837	0.92	cps
Iron	54-2	3591021	3476502	3433378	3500300	2.33	cps
Iron	56-2	65145082	63060261	62844596	63683313	2.00	cps
Iron	57-2	1681607	1631676	1608944	1640742	2.27	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	611	637	670	640	4.60	cps
Lead	206-1	23682275	24507576	24833328	24341060	2.44	cps
Lead	207-1	20289920	20908678	20690506	20629701	1.52	cps
Lead	208-1	93974715	96933686	97451651	96120017	1.95	cps
Lithium	6-1	2476370	2497873	2381206	2451817	2.53	cps
Magnesium	24-2	7216311	7082162	7017874	7105449	1.42	cps
Manganese	55-2	7306136	7144973	7118763	7189957	1.41	cps
Molybdenum	94-1	5581897	5677989	5579539	5613142	1.00	cps
Molybdenum	95-1	6193915	6338041	6394718	6308891	1.64	cps
Molybdenum	96-1	7100358	7384106	7064378	7182947	2.44	cps
Molybdenum	97-1	3857129	4045548	3889460	3930712	2.56	cps
Molybdenum	98-1	9980716	10082664	10071862	10045081	0.56	cps
Neodymium	150-1	162933	166217	168560	165904	1.70	cps
Neodymium	150-2	45474	44012	43113	44200	2.70	cps
Nickel	60-2	412505	399471	398496	403491	1.94	cps
Phosphorus	31-2	4001	3942	3917	3953	1.08	cps
Potassium	39-2	2184776	2123232	2112632	2140213	1.82	cps
Rhodium	103-1	7166445	7503745	6587454	7085882	6.54	cps
Rhodium	103-2	2985103	2993592	2977840	2985512	0.26	cps
Scandium	45-1	5159370	5170219	4811899	5047163	4.04	cps
Scandium	45-2	137202	133714	136274	135730	1.33	cps
Selenium	82-1	70089	72132	74088	72103	2.77	cps
Selenium	77-2	1780	1897	1877	1851	3.37	cps
Selenium	78-2	5870	5725	5676	5757	1.75	cps
Silicon	28-1	41825699	42197798	42639802	42221100	0.97	cps
Silver	107-1	4020240	4070157	4062669	4051022	0.66	cps
Silver	109-1	3803782	3912940	4045483	3920735	3.09	cps
Sodium	23-2	15804689	16242169	15885809	15977556	1.46	cps
Strontium	86-1	2148960	2173412	2226994	2183122	1.83	cps
Strontium	88-1	18407480	18354806	19144268	18635518	2.37	cps
Sulfur	34-1	8165997	8057751	8378596	8200781	1.99	cps
Terbium	159-1	10239912	10765318	9636300	10213843	5.53	cps
Terbium	159-2	3954135	3862308	3976490	3930978	1.54	cps
Thallium	203-1	3109301	3179852	3256158	3181770	2.31	cps
Thallium	205-1	7220672	7583508	7500875	7435018	2.56	cps
Tin	118-1	2466178	2574997	2640453	2560542	3.44	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSD	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:53:50	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1824465	1846033	1828566	1833022	0.62	cps
Uranium	238-1	10089946	10562449	10548269	10400221	2.58	cps
Vanadium	51-2	720067	698326	686559	701650	2.42	cps
Ytterbium	172-1	56789	56513	57568	56957	0.96	cps
Ytterbium	172-2	23733	24356	22247	23445	4.62	cps
Ytterbium	176-1	42536	43163	43063	42921	0.79	cps
Ytterbium	176-2	26304	27707	26549	26854	2.79	cps
Yttrium	89-1	14399149	14610739	13954701	14321530	2.34	cps
Yttrium	89-2	1243084	1254649	1207629	1235121	1.98	cps
Zinc	66-2	1998082	1959218	1926982	1961427	1.82	cps
Zirconium	90-1	5461606	5586611	5560955	5536391	1.19	cps
Zirconium	91-1	1196348	1236033	1234134	1222172	1.83	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1202134	1185024	1141684	1176280	2.65	cps
Antimony	121-1	2267779	2354449	2258544	2293591	2.31	cps
Arsenic	75-2	73146	71254	69872	71424	2.30	cps
Barium	135-1	3831175	3841256	3834000	3835477	0.14	cps
Barium	137-1	6532347	6483698	6487249	6501098	0.42	cps
Beryllium	9-1	690791	704317	696174	697094	0.98	cps
Bismuth	209-1	6440301	6480661	6689651	6536871	2.05	cps
Bismuth	209-2	2968653	3082447	3007386	3019495	1.92	cps
Boron	10-1	154581	169069	172954	165535	5.85	cps
Boron	11-1	703454	780512	798829	760932	6.65	cps
Bromine	81-1	42658	43844	42819	43107	1.49	cps
Cadmium	111-1	873394	916160	898426	895993	2.40	cps
Cadmium	106-1	100912	100601	99986	100500	0.47	cps
Cadmium	108-1	63777	66866	66664	65769	2.63	cps
Calcium	43-1	3365140	3549750	3391062	3435317	2.91	cps
Calcium	44-1	53935814	56482646	54893120	55103860	2.33	cps
Carbon	12-1	6188836	6658753	7008812	6618800	6.22	cps
Carbon	12-2	91426	91569	93338	92111	1.16	cps
Chlorine	35-1	267216864	299546848	320656249	295806654	9.10	cps
Chlorine	35-2	2205257	2210834	2286117	2234069	2.02	cps
Chromium	52-2	701676	690400	677688	689921	1.74	cps
Cobalt	59-2	1597213	1512711	1471783	1527236	4.19	cps
Copper	63-2	11558960	11016721	11161147	11245609	2.50	cps
Dysprosium	156-1	149002	156773	153134	152969	2.54	cps
Dysprosium	156-2	57075	57721	57594	57463	0.60	cps
Erbium	164-1	181616	184824	186101	184180	1.25	cps
Erbium	164-2	66244	66338	64593	65725	1.49	cps
Gadolinium	160-1	157695	157973	161524	159064	1.34	cps
Gadolinium	160-2	67899	68475	67393	67922	0.80	cps
Holmium	165-1	9814320	10076395	9831901	9907539	1.48	cps
Holmium	165-2	4017002	3950431	3951594	3973009	0.96	cps
Indium	115-1	7477956	7716628	7670379	7621654	1.66	cps
Indium	115-2	937209	945730	949766	944235	0.68	cps
Iron	54-2	3559054	3496080	3342006	3465713	3.22	cps
Iron	56-2	64735478	61516846	61415621	62555981	3.02	cps
Iron	57-2	1664361	1626620	1577076	1622686	2.70	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	601	661	610	624	5.19	cps
Lead	206-1	24145378	23667132	24001807	23938106	1.03	cps
Lead	207-1	20344188	20292769	20603838	20413598	0.82	cps
Lead	208-1	95641720	93704944	96592074	95312913	1.54	cps
Lithium	6-1	2329937	2400467	2400613	2377005	1.71	cps
Magnesium	24-2	7137551	6890729	6916999	6981760	1.94	cps
Manganese	55-2	7209274	7079377	6742105	7010252	3.44	cps
Molybdenum	94-1	5579794	5556392	5500381	5545523	0.74	cps
Molybdenum	95-1	6281251	6264222	6480184	6341886	1.89	cps
Molybdenum	96-1	7161353	7035120	7146626	7114366	0.97	cps
Molybdenum	97-1	3916382	3965087	3991849	3957773	0.97	cps
Molybdenum	98-1	10240963	9981512	10326131	10182869	1.76	cps
Neodymium	150-1	161785	160049	164272	162035	1.31	cps
Neodymium	150-2	44751	43878	43922	44184	1.11	cps
Nickel	60-2	399392	393530	380919	391281	2.41	cps
Phosphorus	31-2	4034	3984	3634	3884	5.61	cps
Potassium	39-2	2194497	2170742	2096653	2153964	2.37	cps
Rhodium	103-1	6956949	7238024	7014697	7069890	2.10	cps
Rhodium	103-2	2890046	2985786	2901020	2925617	1.79	cps
Scandium	45-1	4803085	5096270	5050812	4983389	3.17	cps
Scandium	45-2	131440	134397	134801	133546	1.37	cps
Selenium	82-1	69314	71274	71462	70683	1.68	cps
Selenium	77-2	1887	1870	1897	1885	0.71	cps
Selenium	78-2	5800	5628	5460	5629	3.02	cps
Silicon	28-1	40553645	41500644	41382593	41145627	1.25	cps
Silver	107-1	4030573	4123224	3945320	4033039	2.21	cps
Silver	109-1	3664300	3816730	3942637	3807889	3.66	cps
Sodium	23-2	16152062	15729727	15721692	15867827	1.55	cps
Strontium	86-1	2134550	2200988	2175211	2170250	1.54	cps
Strontium	88-1	17852773	18843380	18852633	18516262	3.10	cps
Sulfur	34-1	8019921	8086282	8046781	8050995	0.41	cps
Terbium	159-1	10189649	10215161	10294980	10233263	0.54	cps
Terbium	159-2	3756558	3919499	3954318	3876792	2.72	cps
Thallium	203-1	3108185	3158735	3150631	3139184	0.86	cps
Thallium	205-1	7373945	7301600	7483114	7386220	1.24	cps
Tin	118-1	2492185	2623482	2503721	2539796	2.86	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07A	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201A	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 18:56:40	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1791232	1830333	1826528	1816031	1.19	cps
Uranium	238-1	10276960	10201739	10475517	10318072	1.37	cps
Vanadium	51-2	697564	695859	669673	687699	2.27	cps
Ytterbium	172-1	56004	56053	56254	56103	0.24	cps
Ytterbium	172-2	24156	23210	24356	23907	2.56	cps
Ytterbium	176-1	43656	43698	42636	43330	1.39	cps
Ytterbium	176-2	27440	25959	27757	27052	3.55	cps
Yttrium	89-1	13839078	14537221	14323838	14233379	2.51	cps
Yttrium	89-2	1209637	1237896	1217011	1221515	1.20	cps
Zinc	66-2	1982975	1930079	1894472	1935842	2.30	cps
Zirconium	90-1	5517481	5505904	5535219	5519534	0.27	cps
Zirconium	91-1	1205894	1204072	1219797	1209921	0.71	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2168231	2053969	2070512	2097571	2.94	cps
Antimony	121-1	2565319	2630808	2617122	2604417	1.33	cps
Arsenic	75-2	69677	67773	65913	67788	2.78	cps
Barium	135-1	3341118	3265783	3303918	3303606	1.14	cps
Barium	137-1	5665000	5549246	5750159	5654802	1.78	cps
Beryllium	9-1	724938	725080	726528	725516	0.12	cps
Bismuth	209-1	5651969	5572247	5516212	5580143	1.22	cps
Bismuth	209-2	2783583	2569971	2741414	2698323	4.19	cps
Boron	10-1	88686	95303	98337	94109	5.24	cps
Boron	11-1	397423	433052	447185	425886	6.02	cps
Bromine	81-1	32080	31658	30244	31327	3.07	cps
Cadmium	111-1	729612	750986	767289	749296	2.52	cps
Cadmium	106-1	83478	84956	87135	85190	2.16	cps
Cadmium	108-1	58578	58394	60825	59266	2.28	cps
Calcium	43-1	4518906	4590806	4663656	4591123	1.58	cps
Calcium	44-1	74002587	74312276	73253798	73856221	0.74	cps
Carbon	12-1	5214634	5478786	5591129	5428183	3.56	cps
Carbon	12-2	73585	73828	72128	73180	1.26	cps
Chlorine	35-1	5951843	5712568	5543009	5735807	3.58	cps
Chlorine	35-2	35260	35218	33765	34748	2.45	cps
Chromium	52-2	703394	680372	667737	683834	2.64	cps
Cobalt	59-2	1329634	1282614	1254071	1288773	2.96	cps
Copper	63-2	11263280	10551090	10461710	10758693	4.08	cps
Dysprosium	156-1	683	658	608	650	5.87	cps
Dysprosium	156-2	320	283	317	307	6.61	cps
Erbium	164-1	100	175	92	122	37.55	cps
Erbium	164-2	47	43	53	48	10.66	cps
Gadolinium	160-1	650	667	883	733	17.75	cps
Gadolinium	160-2	413	497	457	456	9.15	cps
Holmium	165-1	9271686	9112821	9242872	9209126	0.92	cps
Holmium	165-2	3991493	3755814	3820372	3855893	3.16	cps
Indium	115-1	6831965	6917442	7312874	7020760	3.65	cps
Indium	115-2	948329	914373	949566	937423	2.13	cps
Iron	54-2	8322889	7871986	7843829	8012901	3.35	cps
Iron	56-2	148085664	139611150	141552142	143082986	3.10	cps
Iron	57-2	3805436	3718943	3553499	3692626	3.47	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	315	292	366	325	11.64	cps
Lead	206-1	12007710	12151797	12246445	12135318	0.99	cps
Lead	207-1	10641311	10750122	10879878	10757104	1.11	cps
Lead	208-1	48274275	49647323	49968397	49296665	1.83	cps
Lithium	6-1	2256756	2231685	2220740	2236394	0.83	cps
Magnesium	24-2	30639762	28846491	28959503	29481919	3.41	cps
Manganese	55-2	3910651	3654048	3626431	3730377	4.20	cps
Molybdenum	94-1	10883420	10831136	10741719	10818758	0.66	cps
Molybdenum	95-1	15703183	15826300	15890936	15806807	0.60	cps
Molybdenum	96-1	17356411	17094179	17663617	17371402	1.64	cps
Molybdenum	97-1	9779735	9570091	9625471	9658433	1.12	cps
Molybdenum	98-1	24654239	24828246	25343541	24942009	1.44	cps
Neodymium	150-1	293	380	373	349	13.82	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	362640	348833	340679	350717	3.17	cps
Phosphorus	31-2	24997	23553	22451	23667	5.39	cps
Potassium	39-2	9630060	9196808	9359644	9395504	2.33	cps
Rhodium	103-1	6742626	6565923	6661292	6656613	1.33	cps
Rhodium	103-2	2895472	2759982	2857893	2837782	2.46	cps
Scandium	45-1	4889258	4856094	4827730	4857694	0.63	cps
Scandium	45-2	143228	132826	137419	137824	3.78	cps
Selenium	82-1	64410	66621	65858	65630	1.71	cps
Selenium	77-2	1533	1593	1580	1569	2.01	cps
Selenium	78-2	5829	5744	5626	5733	1.78	cps
Silicon	28-1	2621307	2872115	2863058	2785493	5.11	cps
Silver	107-1	3713467	3723566	3835982	3757671	1.81	cps
Silver	109-1	3572806	3582776	3608905	3588162	0.52	cps
Sodium	23-2	54735024	52133278	52666216	53178173	2.58	cps
Strontium	86-1	22752873	23612074	23980544	23448497	2.69	cps
Strontium	88-1	196161950	202055321	198685875	198967716	1.49	cps
Sulfur	34-1	699347	702192	700692	700743	0.20	cps
Terbium	159-1	9336570	9038799	9734759	9370043	3.73	cps
Terbium	159-2	3973862	3620314	3769569	3787915	4.69	cps
Thallium	203-1	2835300	2893261	2947218	2891927	1.94	cps
Thallium	205-1	6576562	6883912	6936408	6798961	2.86	cps
Tin	118-1	2361256	2397663	2412519	2390479	1.10	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:07:41	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4396331	4532249	4338890	4422490	2.25	cps
Uranium	238-1	9545289	9645802	10033095	9741395	2.64	cps
Vanadium	51-2	555454	537206	518116	536925	3.48	cps
Ytterbium	172-1	267	217	317	267	18.75	cps
Ytterbium	172-2	106	144	111	120	17.47	cps
Ytterbium	176-1	12748	13332	13657	13246	3.48	cps
Ytterbium	176-2	13652	13568	14330	13850	3.02	cps
Yttrium	89-1	10488492	10333709	10372919	10398374	0.77	cps
Yttrium	89-2	995374	937839	980955	971389	3.08	cps
Zinc	66-2	1234951	1206112	1181169	1207411	2.23	cps
Zirconium	90-1	5184862	5152284	5270464	5202536	1.17	cps
Zirconium	91-1	1128346	1142984	1153002	1141444	1.09	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64	56	59	60	6.41	cps
Antimony	121-1	417	383	508	436	14.84	cps
Arsenic	75-2	3	4	7	5	44.61	cps
Barium	135-1	50	108	58	72	43.69	cps
Barium	137-1	150	92	117	119	24.50	cps
Beryllium	9-1	91	80	85	85	6.60	cps
Bismuth	209-1	6080778	6008346	5908668	5999264	1.44	cps
Bismuth	209-2	2824110	2840825	2829787	2831574	0.30	cps
Boron	10-1	5824	5210	5258	5431	6.29	cps
Boron	11-1	24522	24392	23704	24206	1.81	cps
Bromine	81-1	30936	30063	29441	30147	2.49	cps
Cadmium	111-1	2570	2527	2759	2619	4.71	cps
Cadmium	106-1	3567	3551	3909	3676	5.50	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	224	191	157	191	17.36	cps
Calcium	44-1	10566	9790	9636	9997	4.99	cps
Carbon	12-1	3598727	3624789	3599508	3607675	0.41	cps
Carbon	12-2	46516	46215	46667	46466	0.49	cps
Chlorine	35-1	3479726	3468669	3407395	3451930	1.13	cps
Chlorine	35-2	21333	20924	21366	21208	1.16	cps
Chromium	52-2	523	447	487	486	7.90	cps
Cobalt	59-2	37	63	70	57	31.12	cps
Copper	63-2	1440	1470	1313	1408	5.91	cps
Dysprosium	156-1	8	42	0	17	132.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	67	67	58	64	7.54	cps
Gadolinium	160-2	103	70	133	102	30.99	cps
Holmium	165-1	9237138	9275466	9224621	9245742	0.29	cps
Holmium	165-2	3929465	3825470	3767026	3840654	2.14	cps
Indium	115-1	7342602	7407356	7471457	7407138	0.87	cps
Indium	115-2	955992	951150	950212	952451	0.33	cps
Iron	54-2	494	583	533	537	8.30	cps
Iron	56-2	4473	4167	4040	4227	5.27	cps
Iron	57-2	106	189	144	146	28.50	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	287	322	276	295	8.16	cps
Lead	206-1	833	617	700	717	15.25	cps
Lead	207-1	778	489	611	626	23.17	cps
Lead	208-1	3350	2506	2578	2811	16.65	cps
Lithium	6-1	2367080	2327756	2256704	2317180	2.41	cps
Magnesium	24-2	567	492	375	478	20.22	cps
Manganese	55-2	140	147	123	137	8.79	cps
Molybdenum	94-1	700	492	492	561	21.44	cps
Molybdenum	95-1	825	542	575	647	23.93	cps
Molybdenum	96-1	925	675	508	703	29.84	cps
Molybdenum	97-1	592	350	258	400	43.05	cps
Molybdenum	98-1	1267	858	842	989	24.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	17	37	28	36.66	cps
Phosphorus	31-2	42	67	67	58	24.74	cps
Potassium	39-2	16243	16827	15834	16301	3.06	cps
Rhodium	103-1	6863890	7316944	7053944	7078259	3.21	cps
Rhodium	103-2	3005302	3036387	2977735	3006474	0.98	cps
Scandium	45-1	4947881	4958772	4773247	4893300	2.13	cps
Scandium	45-2	135052	134909	136533	135498	0.66	cps
Selenium	82-1	72	-27	61	35	154.65	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	33	32	43	36	16.90	cps
Silicon	28-1	470269	454900	462794	462654	1.66	cps
Silver	107-1	400	400	408	403	1.19	cps
Silver	109-1	217	367	342	308	26.06	cps
Sodium	23-2	12481	12214	13148	12614	3.81	cps
Strontium	86-1	1158	1025	808	997	17.71	cps
Strontium	88-1	5285	3034	2442	3587	41.82	cps
Sulfur	34-1	313192	311814	307941	310982	0.88	cps
Terbium	159-1	9213777	9183605	9442935	9280106	1.53	cps
Terbium	159-2	3811322	3765773	3781978	3786358	0.61	cps
Thallium	203-1	325	383	392	367	9.91	cps
Thallium	205-1	917	858	875	883	3.40	cps
Tin	118-1	383	342	417	381	9.87	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:15:26	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	233	217	222	4.33	cps
Uranium	238-1	392	200	142	244	53.51	cps
Vanadium	51-2	27	23	33	28	18.33	cps
Ytterbium	172-1	17	50	8	25	88.19	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	1517	1475	1442	1478	2.54	cps
Ytterbium	176-2	8886	9081	8842	8937	1.42	cps
Yttrium	89-1	10379564	10272757	10097448	10249923	1.39	cps
Yttrium	89-2	957172	958513	941956	952547	0.97	cps
Zinc	66-2	190	237	230	219	11.53	cps
Zirconium	90-1	808	800	800	803	0.60	cps
Zirconium	91-1	125	242	200	189	31.30	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170078	166903	160712	165898	2.87	cps
Antimony	121-1	3242	4159	5343	4248	24.79	cps
Arsenic	75-2	453	439	451	448	1.69	cps
Barium	135-1	62579	62797	61524	62300	1.09	cps
Barium	137-1	110359	110360	109721	110147	0.33	cps
Beryllium	9-1	2539	2342	2297	2393	5.36	cps
Bismuth	209-1	6115411	6178266	6364585	6219421	2.08	cps
Bismuth	209-2	2931852	2956550	2989528	2959310	0.98	cps
Boron	10-1	16852	18830	19205	18296	6.91	cps
Boron	11-1	77252	84993	87454	83233	6.40	cps
Bromine	81-1	32130	33485	34639	33418	3.76	cps
Cadmium	111-1	9583	9630	9031	9415	3.54	cps
Cadmium	106-1	4559	4759	4376	4565	4.20	cps
Cadmium	108-1	467	504	417	463	9.49	cps
Calcium	43-1	506216	521286	517319	514940	1.52	cps
Calcium	44-1	8548430	8511777	8529081	8529763	0.21	cps
Carbon	12-1	3844415	3954886	3929410	3909570	1.48	cps
Carbon	12-2	52653	51783	51859	52099	0.92	cps
Chlorine	35-1	30516210	40809534	46908925	39411556	21.02	cps
Chlorine	35-2	344671	351485	373447	356534	4.22	cps
Chromium	52-2	7129	7445	7145	7240	2.46	cps
Cobalt	59-2	47793	47700	46138	47210	1.97	cps
Copper	63-2	183135	179169	178465	180256	1.40	cps
Dysprosium	156-1	30945	32006	31680	31544	1.72	cps
Dysprosium	156-2	12319	11869	11652	11947	2.85	cps
Erbium	164-1	34354	36167	36969	35830	3.74	cps
Erbium	164-2	13741	13871	13137	13583	2.88	cps
Gadolinium	160-1	31404	31413	32198	31672	1.44	cps
Gadolinium	160-2	13924	14104	13364	13797	2.80	cps
Holmium	165-1	9378205	9269569	9645832	9431202	2.05	cps
Holmium	165-2	3983310	3932883	3921744	3945979	0.83	cps
Indium	115-1	7221075	7437167	7756578	7471606	3.61	cps
Indium	115-2	960989	975951	980763	972567	1.06	cps
Iron	54-2	386411	387193	381952	385185	0.73	cps
Iron	56-2	7541611	7405511	7139153	7362092	2.78	cps
Iron	57-2	181785	181525	173277	178862	2.71	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	350	324	374	349	7.16	cps
Lead	206-1	2325706	2335691	2300723	2320707	0.78	cps
Lead	207-1	1982926	1930760	1877241	1930309	2.74	cps
Lead	208-1	9066109	9019591	8938628	9008109	0.72	cps
Lithium	6-1	2331700	2285052	2338242	2318331	1.25	cps
Magnesium	24-2	263435	252218	251259	255637	2.65	cps
Manganese	55-2	756233	754692	734837	748587	1.59	cps
Molybdenum	94-1	4884	3234	3092	3737	26.67	cps
Molybdenum	95-1	2300	483	392	1058	101.71	cps
Molybdenum	96-1	3426	1375	1050	1950	66.04	cps
Molybdenum	97-1	1467	317	250	678	100.93	cps
Molybdenum	98-1	3593	775	642	1670	99.81	cps
Neodymium	150-1	32460	33389	33262	33037	1.52	cps
Neodymium	150-2	9540	9203	9063	9269	2.65	cps
Nickel	60-2	12032	12399	11815	12082	2.44	cps
Phosphorus	31-2	758	900	750	803	10.50	cps
Potassium	39-2	149326	140835	145421	145194	2.93	cps
Rhodium	103-1	6943701	7235525	7382686	7187304	3.11	cps
Rhodium	103-2	2987466	2977157	3033341	2999321	1.00	cps
Scandium	45-1	4943951	5008666	4951376	4967998	0.71	cps
Scandium	45-2	135451	138755	136567	136924	1.23	cps
Selenium	82-1	105	86	10	67	75.00	cps
Selenium	77-2	30	43	47	40	22.05	cps
Selenium	78-2	69	81	69	73	9.49	cps
Silicon	28-1	9488454	9518722	9615286	9540821	0.69	cps
Silver	107-1	1992	2025	2684	2234	17.47	cps
Silver	109-1	1200	2534	2442	2059	36.18	cps
Sodium	23-2	1204489	1174216	1130045	1169583	3.20	cps
Strontium	86-1	232804	241927	236494	237075	1.94	cps
Strontium	88-1	2064357	2097737	2058779	2073624	1.02	cps
Sulfur	34-1	1966964	1970376	1978158	1971833	0.29	cps
Terbium	159-1	9493543	9299453	9966800	9586599	3.58	cps
Terbium	159-2	3864699	3918459	3870757	3884639	0.76	cps
Thallium	203-1	1642	525	542	903	70.90	cps
Thallium	205-1	3544	1300	1175	2006	66.43	cps
Tin	118-1	1567	1075	1300	1314	18.73	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:19:45	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5801	4334	4376	4837	17.27	cps
Uranium	238-1	16990	14242	14525	15252	9.91	cps
Vanadium	51-2	35691	34475	34111	34759	2.38	cps
Ytterbium	172-1	10972	11172	11238	11127	1.25	cps
Ytterbium	172-2	4879	4962	5079	4973	2.02	cps
Ytterbium	176-1	8637	8678	8445	8586	1.45	cps
Ytterbium	176-2	11633	12517	12851	12334	5.10	cps
Yttrium	89-1	10882399	11550558	11476119	11303025	3.24	cps
Yttrium	89-2	1043571	1029446	1056399	1043138	1.29	cps
Zinc	66-2	158940	158699	154036	157225	1.76	cps
Zirconium	90-1	8219	7986	8178	8128	1.53	cps
Zirconium	91-1	2017	1834	1825	1892	5.73	cps

LB Number : LB124432 Operator : Jaswal
 Lab Sample ID : O1404-07DUPDLX5 Instrumnet Name : P8
 Client Sample ID : NPHACK-SOIL-0201DUF Dilution Factor : 5
 Date & Time Acquired : 2023-03-09 19:22:43 DataFile Name : 104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166858	162194	158968	162674	2.44	cps
Antimony	121-1	4001	5151	6018	5057	20.01	cps
Arsenic	75-2	465	425	449	446	4.51	cps
Barium	135-1	63207	63801	64254	63754	0.82	cps
Barium	137-1	110813	113309	114779	112967	1.77	cps
Beryllium	9-1	2231	2252	2235	2239	0.51	cps
Bismuth	209-1	6134662	6390990	6221499	6249050	2.09	cps
Bismuth	209-2	3003089	2951228	2856121	2936813	2.54	cps
Boron	10-1	17751	18662	20082	18832	6.24	cps
Boron	11-1	80548	85179	90336	85354	5.74	cps
Bromine	81-1	32441	33605	36295	34114	5.79	cps
Cadmium	111-1	9160	9439	9126	9242	1.86	cps
Cadmium	106-1	4384	4576	4776	4579	4.28	cps
Cadmium	108-1	521	558	479	519	7.62	cps
Calcium	43-1	514969	530999	530012	525326	1.71	cps
Calcium	44-1	8320748	8698915	8564492	8528052	2.25	cps
Carbon	12-1	4017512	4028282	4115107	4053634	1.32	cps
Carbon	12-2	50897	52428	53523	52283	2.52	cps
Chlorine	35-1	46466702	55005966	59098447	53523705	12.04	cps
Chlorine	35-2	401115	406439	417574	408376	2.06	cps
Chromium	52-2	7662	6998	6928	7196	5.63	cps
Cobalt	59-2	47038	46138	46081	46419	1.16	cps
Copper	63-2	184422	177818	176374	179538	2.39	cps
Dysprosium	156-1	30820	31087	32407	31438	2.70	cps
Dysprosium	156-2	12309	12196	11655	12053	2.90	cps
Erbium	164-1	37445	37378	37888	37570	0.74	cps
Erbium	164-2	13907	13580	13293	13594	2.26	cps
Gadolinium	160-1	32031	32415	32850	32432	1.26	cps
Gadolinium	160-2	13824	14018	13514	13785	1.84	cps
Holmium	165-1	9396600	9671716	9725093	9597803	1.84	cps
Holmium	165-2	3906634	3869063	3814202	3863300	1.20	cps
Indium	115-1	7309459	7367024	7588108	7421530	1.98	cps
Indium	115-2	980423	975034	939394	964951	2.31	cps
Iron	54-2	391458	379672	374928	382020	2.23	cps
Iron	56-2	7405608	7293004	7063226	7253946	2.41	cps
Iron	57-2	178774	174936	170539	174750	2.36	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:22:43	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	355	346	389	363	6.18	cps
Lead	206-1	2315921	2423752	2337982	2359218	2.41	cps
Lead	207-1	1938055	2047175	2001010	1995413	2.75	cps
Lead	208-1	9171190	9505585	9015045	9230607	2.71	cps
Lithium	6-1	2251592	2377367	2328038	2318999	2.73	cps
Magnesium	24-2	262930	252973	243429	253111	3.85	cps
Manganese	55-2	745125	741408	731681	739405	0.94	cps
Molybdenum	94-1	2925	3150	3175	3084	4.47	cps
Molybdenum	95-1	375	475	350	400	16.54	cps
Molybdenum	96-1	1008	1192	1050	1083	8.87	cps
Molybdenum	97-1	217	192	175	194	10.78	cps
Molybdenum	98-1	483	433	567	494	13.62	cps
Neodymium	150-1	33121	32914	33215	33083	0.47	cps
Neodymium	150-2	9440	9303	8946	9230	2.76	cps
Nickel	60-2	11725	11875	11808	11803	0.64	cps
Phosphorus	31-2	842	875	942	886	5.75	cps
Potassium	39-2	146171	144277	139354	143267	2.46	cps
Rhodium	103-1	6979473	7342909	7443601	7255328	3.37	cps
Rhodium	103-2	3119787	3012915	3040587	3057763	1.81	cps
Scandium	45-1	4998476	5081983	4943993	5008151	1.39	cps
Scandium	45-2	139880	136559	133414	136617	2.37	cps
Selenium	82-1	92	104	28	75	55.19	cps
Selenium	77-2	53	47	37	46	18.41	cps
Selenium	78-2	82	91	93	89	6.61	cps
Silicon	28-1	9363549	9690241	9537705	9530498	1.72	cps
Silver	107-1	2317	2409	2450	2392	2.85	cps
Silver	109-1	2309	2375	2275	2320	2.20	cps
Sodium	23-2	1220943	1168885	1129151	1172993	3.92	cps
Strontium	86-1	236982	240112	241558	239550	0.98	cps
Strontium	88-1	2096205	2160964	2141618	2132929	1.56	cps
Sulfur	34-1	2012342	2018993	1999620	2010318	0.49	cps
Terbium	159-1	9526617	9683172	9787271	9665687	1.36	cps
Terbium	159-2	3833403	3910485	3751394	3831760	2.08	cps
Thallium	203-1	392	367	350	369	5.68	cps
Thallium	205-1	950	958	883	931	4.42	cps
Tin	118-1	1200	1183	1183	1189	0.81	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201DUF	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:22:43	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4551	4467	3976	4331	7.18	cps
Uranium	238-1	15185	14617	14400	14734	2.75	cps
Vanadium	51-2	36072	33980	33944	34665	3.51	cps
Ytterbium	172-1	11605	11514	10997	11372	2.89	cps
Ytterbium	172-2	4901	4651	4662	4738	2.98	cps
Ytterbium	176-1	8253	8595	8862	8570	3.56	cps
Ytterbium	176-2	12790	12384	11444	12206	5.66	cps
Yttrium	89-1	11259299	11705407	11577696	11514134	2.00	cps
Yttrium	89-2	1053307	1044750	1022721	1040259	1.52	cps
Zinc	66-2	159169	154186	150641	154665	2.77	cps
Zirconium	90-1	8278	8653	8111	8347	3.33	cps
Zirconium	91-1	1617	1959	1875	1817	9.81	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32483	31839	31866	32063	1.14	cps
Antimony	121-1	1183	983	792	986	19.86	cps
Arsenic	75-2	93	78	84	85	8.88	cps
Barium	135-1	12815	12798	11956	12523	3.92	cps
Barium	137-1	22185	22394	21301	21960	2.64	cps
Beryllium	9-1	504	501	476	494	3.08	cps
Bismuth	209-1	5355321	6184736	6237702	5925919	8.35	cps
Bismuth	209-2	3141680	2887620	2944093	2991131	4.46	cps
Boron	10-1	7214	7334	7240	7263	0.87	cps
Boron	11-1	32602	33500	32846	32982	1.41	cps
Bromine	81-1	35150	34599	32351	34033	4.36	cps
Cadmium	111-1	3760	4036	4282	4026	6.49	cps
Cadmium	106-1	3542	4034	4242	3940	9.13	cps
Cadmium	108-1	100	125	83	103	20.41	cps
Calcium	43-1	101339	102845	101511	101898	0.81	cps
Calcium	44-1	1733976	1714044	1702203	1716741	0.94	cps
Carbon	12-1	3667429	3797903	3739605	3734979	1.75	cps
Carbon	12-2	46992	46650	47210	46951	0.60	cps
Chlorine	35-1	20947239	21400185	21318618	21222014	1.14	cps
Chlorine	35-2	132730	129956	128358	130348	1.70	cps
Chromium	52-2	1753	1653	1873	1760	6.26	cps
Cobalt	59-2	8940	9333	8603	8958	4.08	cps
Copper	63-2	36327	35932	35969	36076	0.60	cps
Dysprosium	156-1	6118	5926	5835	5960	2.43	cps
Dysprosium	156-2	2274	2167	2467	2302	6.61	cps
Erbium	164-1	7185	7202	7236	7208	0.35	cps
Erbium	164-2	2570	2524	2497	2530	1.47	cps
Gadolinium	160-1	6285	6268	5868	6140	3.84	cps
Gadolinium	160-2	2647	2547	2560	2585	2.10	cps
Holmium	165-1	8311259	9802527	9612840	9242209	8.78	cps
Holmium	165-2	4124470	3894037	3948011	3988839	3.02	cps
Indium	115-1	6431812	7489164	7546311	7155762	8.77	cps
Indium	115-2	1025179	961065	984037	990093	3.28	cps
Iron	54-2	76515	74863	73775	75051	1.84	cps
Iron	56-2	1452681	1446536	1444804	1448007	0.29	cps
Iron	57-2	34353	34692	33880	34308	1.19	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	346	335	305	329	6.49	cps
Lead	206-1	422415	429484	424505	425468	0.85	cps
Lead	207-1	359526	362632	351882	358014	1.55	cps
Lead	208-1	1682057	1697150	1653622	1677610	1.32	cps
Lithium	6-1	2036537	2344439	2249307	2210094	7.13	cps
Magnesium	24-2	51066	49660	49861	50196	1.51	cps
Manganese	55-2	145155	141462	142479	143032	1.33	cps
Molybdenum	94-1	1183	1100	1033	1106	6.80	cps
Molybdenum	95-1	500	367	292	386	27.33	cps
Molybdenum	96-1	675	558	542	592	12.28	cps
Molybdenum	97-1	325	242	183	250	28.48	cps
Molybdenum	98-1	742	558	450	583	25.28	cps
Neodymium	150-1	6595	6849	6628	6691	2.06	cps
Neodymium	150-2	1797	1733	1723	1751	2.27	cps
Nickel	60-2	2244	2237	2187	2222	1.39	cps
Phosphorus	31-2	267	183	250	233	18.90	cps
Potassium	39-2	40984	39605	38995	39861	2.56	cps
Rhodium	103-1	6173065	7376268	7251134	6933489	9.54	cps
Rhodium	103-2	3190289	3034374	3046906	3090523	2.80	cps
Scandium	45-1	4298102	4912121	4865918	4692047	7.29	cps
Scandium	45-2	143935	134969	136541	138482	3.46	cps
Selenium	82-1	6	-5	47	16	170.10	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	44	28	39	37	22.12	cps
Silicon	28-1	2249198	2210772	2256428	2238799	1.10	cps
Silver	107-1	758	692	717	722	4.66	cps
Silver	109-1	675	767	600	681	12.27	cps
Sodium	23-2	230237	225971	228542	228250	0.94	cps
Strontium	86-1	48033	46863	47473	47456	1.23	cps
Strontium	88-1	407912	411941	406647	408833	0.68	cps
Sulfur	34-1	744857	739670	736011	740179	0.60	cps
Terbium	159-1	8294969	9638023	9673707	9202233	8.54	cps
Terbium	159-2	3882893	3728747	3794953	3802198	2.03	cps
Thallium	203-1	200	200	242	214	11.25	cps
Thallium	205-1	508	517	458	494	6.38	cps
Tin	118-1	550	517	583	550	6.06	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07LDLX25	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-09 19:25:40	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	950	1008	1142	1033	9.51	cps
Uranium	238-1	3301	2809	2684	2931	11.13	cps
Vanadium	51-2	6732	6872	6602	6735	2.01	cps
Ytterbium	172-1	2309	2200	2217	2242	2.60	cps
Ytterbium	172-2	867	1033	1056	985	10.48	cps
Ytterbium	176-1	2825	2817	3175	2939	6.96	cps
Ytterbium	176-2	9743	9387	10521	9884	5.87	cps
Yttrium	89-1	9146021	10882859	10884964	10304615	9.74	cps
Yttrium	89-2	1044957	974301	1002285	1007181	3.53	cps
Zinc	66-2	29862	29972	29838	29891	0.24	cps
Zirconium	90-1	2267	2300	2250	2272	1.12	cps
Zirconium	91-1	467	433	525	475	9.77	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234955	230205	225118	230093	2.14	cps
Antimony	121-1	447541	457314	453592	452816	1.09	cps
Arsenic	75-2	14815	14343	13892	14350	3.22	cps
Barium	135-1	719096	745903	734091	733030	1.83	cps
Barium	137-1	1241686	1293161	1277257	1270701	2.07	cps
Beryllium	9-1	144684	146991	146238	145971	0.81	cps
Bismuth	209-1	6413291	6131633	6338571	6294498	2.32	cps
Bismuth	209-2	2941282	2929290	2951774	2940782	0.38	cps
Boron	10-1	31121	34039	35532	33564	6.68	cps
Boron	11-1	141284	155019	164517	153606	7.60	cps
Bromine	81-1	34439	34990	33535	34321	2.14	cps
Cadmium	111-1	176393	181972	182307	180224	1.84	cps
Cadmium	106-1	21559	23487	23487	22845	4.87	cps
Cadmium	108-1	12852	13611	12940	13134	3.16	cps
Calcium	43-1	665955	675728	677739	673140	0.94	cps
Calcium	44-1	10832676	11285022	11462245	11193315	2.90	cps
Carbon	12-1	3842462	3947492	3976353	3922102	1.80	cps
Carbon	12-2	51675	52018	53147	52280	1.47	cps
Chlorine	35-1	42630938	50448182	56069439	49716187	13.58	cps
Chlorine	35-2	394717	405765	413959	404814	2.39	cps
Chromium	52-2	140679	138898	137532	139036	1.14	cps
Cobalt	59-2	304252	299710	290724	298228	2.31	cps
Copper	63-2	2385127	2332462	2340785	2352791	1.20	cps
Dysprosium	156-1	29066	29383	30327	29592	2.22	cps
Dysprosium	156-2	11575	11045	10875	11165	3.27	cps
Erbium	164-1	35791	34654	35665	35370	1.76	cps
Erbium	164-2	12890	12483	12760	12711	1.64	cps
Gadolinium	160-1	29425	31238	30201	30288	3.00	cps
Gadolinium	160-2	13123	13273	12846	13081	1.66	cps
Holmium	165-1	9781292	9640171	9738008	9719823	0.74	cps
Holmium	165-2	3952075	3915408	3848837	3905440	1.34	cps
Indium	115-1	7423795	7385972	7636289	7482019	1.80	cps
Indium	115-2	962294	970884	964518	965899	0.46	cps
Iron	54-2	680104	677531	664985	674206	1.20	cps
Iron	56-2	13329920	12920365	12657435	12969240	2.61	cps
Iron	57-2	314826	308409	299838	307691	2.44	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	367	344	362	4.51	cps
Lead	206-1	4584009	4694236	4710431	4662892	1.48	cps
Lead	207-1	3986076	4227984	4062920	4092326	3.02	cps
Lead	208-1	18691081	18684691	18725698	18700490	0.12	cps
Lithium	6-1	2344919	2311918	2324616	2327151	0.72	cps
Magnesium	24-2	1494406	1442407	1443517	1460110	2.03	cps
Manganese	55-2	1499347	1442882	1438821	1460350	2.32	cps
Molybdenum	94-1	1051663	1093053	1090112	1078276	2.14	cps
Molybdenum	95-1	1192408	1226272	1231289	1216656	1.74	cps
Molybdenum	96-1	1381927	1387812	1372068	1380602	0.58	cps
Molybdenum	97-1	742810	772652	775341	763601	2.36	cps
Molybdenum	98-1	1900064	1997581	2012273	1969972	3.10	cps
Neodymium	150-1	30455	30782	32647	31295	3.78	cps
Neodymium	150-2	9050	8553	8283	8628	4.51	cps
Nickel	60-2	81482	80795	78687	80321	1.81	cps
Phosphorus	31-2	892	883	742	839	10.05	cps
Potassium	39-2	442987	427354	433078	434473	1.82	cps
Rhodium	103-1	7243552	7307890	7341813	7297752	0.68	cps
Rhodium	103-2	2993925	3083242	3045576	3040914	1.47	cps
Scandium	45-1	5024160	5110263	5128255	5087559	1.09	cps
Scandium	45-2	138554	137728	138976	138419	0.46	cps
Selenium	82-1	13450	13523	13662	13545	0.79	cps
Selenium	77-2	363	340	347	350	3.43	cps
Selenium	78-2	1236	1168	1134	1180	4.40	cps
Silicon	28-1	8982473	9129477	9051486	9054479	0.81	cps
Silver	107-1	767843	817193	800555	795197	3.16	cps
Silver	109-1	742769	776303	772668	763913	2.41	cps
Sodium	23-2	3298846	3180531	3150111	3209829	2.45	cps
Strontium	86-1	400823	416049	418247	411706	2.30	cps
Strontium	88-1	3511672	3625483	3566712	3567956	1.60	cps
Sulfur	34-1	1944810	1899167	1923317	1922431	1.19	cps
Terbium	159-1	9903518	10121833	10058587	10027979	1.12	cps
Terbium	159-2	3834625	3838421	3737160	3803402	1.51	cps
Thallium	203-1	578844	584486	570523	577951	1.22	cps
Thallium	205-1	1354494	1391525	1393580	1379867	1.59	cps
Tin	118-1	472258	480884	482720	478621	1.17	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:28:41	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	347385	361366	360476	356409	2.20	cps
Uranium	238-1	2064745	2040986	1956592	2020775	2.81	cps
Vanadium	51-2	142756	139924	136884	139855	2.10	cps
Ytterbium	172-1	10496	10946	10029	10491	4.37	cps
Ytterbium	172-2	4629	4556	4540	4575	1.03	cps
Ytterbium	176-1	9362	9370	9570	9434	1.25	cps
Ytterbium	176-2	12829	12767	13513	13036	3.17	cps
Yttrium	89-1	11678023	11654586	11304593	11545734	1.81	cps
Yttrium	89-2	1044946	1036783	1034931	1038887	0.51	cps
Zinc	66-2	405453	387456	384032	392314	2.93	cps
Zirconium	90-1	1051255	1061653	1060370	1057759	0.54	cps
Zirconium	91-1	232205	239600	232556	234787	1.78	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232215	224015	219591	225274	2.84	cps
Antimony	121-1	446193	451288	441703	446395	1.07	cps
Arsenic	75-2	14465	13963	13886	14105	2.23	cps
Barium	135-1	706771	737342	722585	722233	2.12	cps
Barium	137-1	1252105	1289337	1280698	1274047	1.53	cps
Beryllium	9-1	145005	146846	147421	146424	0.86	cps
Bismuth	209-1	6072452	6352995	6312812	6246086	2.43	cps
Bismuth	209-2	2961754	2989291	2856338	2935794	2.39	cps
Boron	10-1	33343	34897	37400	35213	5.81	cps
Boron	11-1	146987	157699	167389	157358	6.49	cps
Bromine	81-1	35342	36636	34819	35599	2.63	cps
Cadmium	111-1	180692	182708	180801	181400	0.62	cps
Cadmium	106-1	23863	22878	23304	23348	2.12	cps
Cadmium	108-1	12985	13177	13536	13233	2.11	cps
Calcium	43-1	665621	668677	665336	666545	0.28	cps
Calcium	44-1	10858992	10834101	11053236	10915443	1.10	cps
Carbon	12-1	3817222	3976198	3979671	3924364	2.36	cps
Carbon	12-2	52846	51867	51291	52001	1.51	cps
Chlorine	35-1	50464446	57318758	63839685	57207629	11.69	cps
Chlorine	35-2	427122	427588	434018	429576	0.90	cps
Chromium	52-2	141459	136425	134016	137300	2.77	cps
Cobalt	59-2	294453	290409	288305	291056	1.07	cps
Copper	63-2	2328518	2383320	2182070	2297969	4.53	cps
Dysprosium	156-1	28281	28724	30226	29077	3.51	cps
Dysprosium	156-2	11248	10858	10551	10886	3.21	cps
Erbium	164-1	34061	34479	36509	35016	3.74	cps
Erbium	164-2	12586	12683	12846	12705	1.04	cps
Gadolinium	160-1	29851	31179	30853	30627	2.26	cps
Gadolinium	160-2	12886	12469	12279	12545	2.48	cps
Holmium	165-1	9417727	9914418	9695899	9676015	2.57	cps
Holmium	165-2	4036139	4007711	3919971	3987940	1.52	cps
Indium	115-1	7281447	7527216	7737898	7515520	3.04	cps
Indium	115-2	990039	976307	973160	979835	0.92	cps
Iron	54-2	669451	667603	643391	660148	2.20	cps
Iron	56-2	12664613	12534660	12125041	12441438	2.26	cps
Iron	57-2	314609	303885	298795	305763	2.64	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	371	380	370	374	1.46	cps
Lead	206-1	4572345	4675994	4808537	4685625	2.53	cps
Lead	207-1	3926699	4120351	3997432	4014827	2.44	cps
Lead	208-1	18168349	18803879	18592103	18521444	1.75	cps
Lithium	6-1	2180582	2309111	2379840	2289844	4.41	cps
Magnesium	24-2	1535833	1413598	1438633	1462688	4.41	cps
Manganese	55-2	1490407	1403038	1383041	1425495	4.01	cps
Molybdenum	94-1	1064246	1108699	1085546	1086164	2.05	cps
Molybdenum	95-1	1185187	1240668	1231156	1219003	2.43	cps
Molybdenum	96-1	1387045	1436737	1374919	1399567	2.34	cps
Molybdenum	97-1	740741	777634	765500	761292	2.47	cps
Molybdenum	98-1	1957458	2008164	1960585	1975403	1.44	cps
Neodymium	150-1	31030	30689	31464	31061	1.25	cps
Neodymium	150-2	8549	8359	8403	8437	1.18	cps
Nickel	60-2	80379	79943	77306	79209	2.10	cps
Phosphorus	31-2	875	817	958	883	8.06	cps
Potassium	39-2	433224	431870	423153	429416	1.27	cps
Rhodium	103-1	7051958	7350269	7280830	7227686	2.16	cps
Rhodium	103-2	3095354	3020109	3127366	3080943	1.79	cps
Scandium	45-1	4752209	4754609	4958477	4821765	2.46	cps
Scandium	45-2	136511	140899	132583	136664	3.04	cps
Selenium	82-1	13695	13983	13687	13788	1.22	cps
Selenium	77-2	317	383	387	362	10.90	cps
Selenium	78-2	1176	1140	1132	1149	2.04	cps
Silicon	28-1	8771788	8616915	8834461	8741055	1.28	cps
Silver	107-1	802246	797725	804555	801508	0.43	cps
Silver	109-1	776800	758091	777797	770896	1.44	cps
Sodium	23-2	3291761	3095393	3238577	3208577	3.17	cps
Strontium	86-1	417558	429054	416688	421100	1.64	cps
Strontium	88-1	3540499	3601767	3674048	3605438	1.85	cps
Sulfur	34-1	1869444	1811680	1869343	1850156	1.80	cps
Terbium	159-1	9443552	10005332	9882920	9777268	3.02	cps
Terbium	159-2	3852965	3883495	3789442	3841967	1.25	cps
Thallium	203-1	564677	576743	583606	575009	1.67	cps
Thallium	205-1	1376965	1364810	1405101	1382292	1.50	cps
Tin	118-1	473754	476874	494574	481734	2.33	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201MSI	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:31:34	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	356015	349414	354607	353346	0.98	cps
Uranium	238-1	1951506	1950989	2007736	1970077	1.66	cps
Vanadium	51-2	137350	136427	133893	135890	1.32	cps
Ytterbium	172-1	10404	10980	10705	10696	2.69	cps
Ytterbium	172-2	4512	4445	4518	4492	0.90	cps
Ytterbium	176-1	9646	9387	9445	9493	1.43	cps
Ytterbium	176-2	12845	13157	12111	12704	4.23	cps
Yttrium	89-1	11041852	11743252	11658024	11481043	3.33	cps
Yttrium	89-2	1037330	1041633	1037088	1038683	0.25	cps
Zinc	66-2	385458	383707	379629	382931	0.78	cps
Zirconium	90-1	1028535	1069034	1071427	1056332	2.28	cps
Zirconium	91-1	223463	239423	233262	232049	3.47	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234008	225522	220223	226584	3.07	cps
Antimony	121-1	433630	451476	453062	446056	2.42	cps
Arsenic	75-2	14206	13783	13849	13946	1.63	cps
Barium	135-1	701827	711488	724065	712460	1.57	cps
Barium	137-1	1220352	1262640	1297369	1260120	3.06	cps
Beryllium	9-1	140374	141649	143162	141728	0.98	cps
Bismuth	209-1	6400938	6372286	6459943	6411056	0.70	cps
Bismuth	209-2	2922883	3042862	2978134	2981293	2.01	cps
Boron	10-1	34263	35139	37284	35562	4.37	cps
Boron	11-1	149932	160832	171692	160819	6.77	cps
Bromine	81-1	34599	33976	37188	35254	4.83	cps
Cadmium	111-1	181504	180644	181714	181287	0.31	cps
Cadmium	106-1	22561	23245	23295	23034	1.78	cps
Cadmium	108-1	12193	12769	13244	12735	4.13	cps
Calcium	43-1	669506	665821	675482	670270	0.73	cps
Calcium	44-1	10893528	11260822	10707589	10953980	2.57	cps
Carbon	12-1	3837297	3941993	3993052	3924114	2.02	cps
Carbon	12-2	50922	50756	51223	50967	0.47	cps
Chlorine	35-1	51491707	58664578	63614512	57923599	10.52	cps
Chlorine	35-2	428335	430706	434715	431252	0.75	cps
Chromium	52-2	138469	137809	133037	136438	2.17	cps
Cobalt	59-2	293339	292080	287129	290849	1.13	cps
Copper	63-2	2296095	2328250	2266748	2297031	1.34	cps
Dysprosium	156-1	29308	30285	30034	29876	1.70	cps
Dysprosium	156-2	11018	11222	11011	11084	1.08	cps
Erbium	164-1	34245	35214	33744	34401	2.17	cps
Erbium	164-2	12953	12553	12436	12647	2.14	cps
Gadolinium	160-1	28790	30795	29767	29784	3.37	cps
Gadolinium	160-2	13113	12956	12506	12859	2.45	cps
Holmium	165-1	9891917	9878260	9713680	9827952	1.01	cps
Holmium	165-2	3889327	4029748	3841337	3920137	2.50	cps
Indium	115-1	7695514	7892177	7776436	7788042	1.27	cps
Indium	115-2	963113	981152	978510	974258	1.00	cps
Iron	54-2	664968	668759	658569	664099	0.78	cps
Iron	56-2	12447660	12594897	12317757	12453438	1.11	cps
Iron	57-2	299304	299521	295693	298173	0.72	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	382	365	372	373	2.35	cps
Lead	206-1	4653837	4626872	4613379	4631363	0.44	cps
Lead	207-1	4009261	3951141	3964306	3974902	0.77	cps
Lead	208-1	18475093	18337692	18307404	18373396	0.49	cps
Lithium	6-1	2343604	2357575	2362061	2354413	0.41	cps
Magnesium	24-2	1490604	1408573	1421953	1440377	3.06	cps
Manganese	55-2	1427965	1420209	1397100	1415091	1.13	cps
Molybdenum	94-1	1046595	1080189	1078358	1068381	1.77	cps
Molybdenum	95-1	1186846	1219800	1222604	1209750	1.64	cps
Molybdenum	96-1	1395162	1404160	1431534	1410285	1.34	cps
Molybdenum	97-1	742507	758831	774013	758450	2.08	cps
Molybdenum	98-1	1947855	1919533	2002739	1956709	2.16	cps
Neodymium	150-1	30950	32293	31898	31714	2.18	cps
Neodymium	150-2	8529	8683	8336	8516	2.04	cps
Nickel	60-2	79226	79856	78248	79110	1.02	cps
Phosphorus	31-2	892	842	758	831	8.11	cps
Potassium	39-2	441380	423966	426856	430734	2.17	cps
Rhodium	103-1	7409455	7201396	7273522	7294791	1.45	cps
Rhodium	103-2	3059175	3039975	3011585	3036912	0.79	cps
Scandium	45-1	5077183	5225361	5060299	5120948	1.77	cps
Scandium	45-2	135497	136811	136860	136389	0.57	cps
Selenium	82-1	13650	13653	13411	13571	1.02	cps
Selenium	77-2	333	323	383	347	9.27	cps
Selenium	78-2	1129	1188	1026	1114	7.36	cps
Silicon	28-1	8617924	8806769	8711613	8712102	1.08	cps
Silver	107-1	786793	784677	788753	786741	0.26	cps
Silver	109-1	750061	750318	749078	749819	0.09	cps
Sodium	23-2	3159050	3091827	3194177	3148351	1.65	cps
Strontium	86-1	399353	418583	415622	411186	2.52	cps
Strontium	88-1	3476847	3721068	3527449	3575121	3.61	cps
Sulfur	34-1	1890906	1909088	1881749	1893914	0.73	cps
Terbium	159-1	9763336	10305841	10021851	10030343	2.71	cps
Terbium	159-2	3890849	3855976	3773036	3839954	1.58	cps
Thallium	203-1	564160	577479	584419	575353	1.79	cps
Thallium	205-1	1403527	1372039	1389194	1388253	1.14	cps
Tin	118-1	473065	483398	476532	477665	1.10	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	O1404-07ADLX5	Instrumnet Name :	P8
Client Sample ID :	NPHACK-SOIL-0201ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-09 19:34:29	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	351486	363553	357960	357666	1.69	cps
Uranium	238-1	1970934	1961298	1969968	1967400	0.27	cps
Vanadium	51-2	138394	135596	131734	135241	2.47	cps
Ytterbium	172-1	10204	10446	10688	10446	2.32	cps
Ytterbium	172-2	4412	4679	4551	4547	2.93	cps
Ytterbium	176-1	9145	9045	9062	9084	0.59	cps
Ytterbium	176-2	12590	13196	12695	12827	2.52	cps
Yttrium	89-1	11773646	11952573	11384230	11703483	2.48	cps
Yttrium	89-2	1029388	1055236	1033188	1039271	1.34	cps
Zinc	66-2	381817	385150	382065	383011	0.48	cps
Zirconium	90-1	1036272	1055957	1040489	1044240	0.99	cps
Zirconium	91-1	229050	230274	229853	229726	0.27	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2210044	2149605	2042309	2133986	3.98	cps
Antimony	121-1	2573527	2664095	2642867	2626830	1.80	cps
Arsenic	75-2	69780	68280	66707	68256	2.25	cps
Barium	135-1	3349539	3446926	3493465	3429977	2.14	cps
Barium	137-1	5525385	5770136	6015955	5770492	4.25	cps
Beryllium	9-1	727601	746787	739316	737901	1.31	cps
Bismuth	209-1	5587101	5702961	5696550	5662204	1.15	cps
Bismuth	209-2	2782814	2689678	2680433	2717642	2.08	cps
Boron	10-1	83486	94933	99515	92644	8.91	cps
Boron	11-1	386947	420336	445104	417462	6.99	cps
Bromine	81-1	32211	32150	31970	32110	0.39	cps
Cadmium	111-1	753456	759168	780120	764248	1.84	cps
Cadmium	106-1	86338	87185	88149	87224	1.04	cps
Cadmium	108-1	58499	59963	61600	60021	2.58	cps
Calcium	43-1	4744062	4677860	4736073	4719332	0.77	cps
Calcium	44-1	73635778	76660460	75889551	75395263	2.08	cps
Carbon	12-1	4623077	4959087	5101559	4894574	5.02	cps
Carbon	12-2	64902	64551	66794	65416	1.84	cps
Chlorine	35-1	5808117	5662774	5404657	5625183	3.63	cps
Chlorine	35-2	34717	32988	32245	33317	3.81	cps
Chromium	52-2	704261	695557	668438	689419	2.71	cps
Cobalt	59-2	1331809	1292962	1255619	1293464	2.95	cps
Copper	63-2	10994793	10916099	10691832	10867574	1.45	cps
Dysprosium	156-1	650	667	725	681	5.79	cps
Dysprosium	156-2	343	283	310	312	9.63	cps
Erbium	164-1	50	83	92	75	29.40	cps
Erbium	164-2	23	60	30	38	51.71	cps
Gadolinium	160-1	908	817	858	861	5.33	cps
Gadolinium	160-2	433	473	390	432	9.64	cps
Holmium	165-1	9464049	9737935	9242854	9481613	2.62	cps
Holmium	165-2	4023504	3975497	3939902	3979634	1.05	cps
Indium	115-1	7082747	7152905	7239324	7158325	1.10	cps
Indium	115-2	982145	947336	939182	956221	2.39	cps
Iron	54-2	8175618	8065246	7794237	8011700	2.45	cps
Iron	56-2	149773876	144825528	142197237	145598880	2.64	cps
Iron	57-2	3753598	3672242	3617560	3681133	1.86	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	309	305	312	309	1.21	cps
Lead	206-1	11842280	12099655	12371993	12104643	2.19	cps
Lead	207-1	10797808	10912357	10914420	10874862	0.61	cps
Lead	208-1	49348659	50166968	49938076	49817901	0.85	cps
Lithium	6-1	2256923	2280878	2306169	2281324	1.08	cps
Magnesium	24-2	30356140	29816319	29315873	29829444	1.74	cps
Manganese	55-2	3824169	3813994	3621834	3753332	3.04	cps
Molybdenum	94-1	11381227	11005446	10925380	11104018	2.19	cps
Molybdenum	95-1	16414032	15832986	16185776	16144265	1.81	cps
Molybdenum	96-1	18143485	17850633	17492899	17829006	1.83	cps
Molybdenum	97-1	10023070	10044854	9882604	9983509	0.88	cps
Molybdenum	98-1	25705038	25636033	25785072	25708714	0.29	cps
Neodymium	150-1	213	333	340	296	24.12	cps
Neodymium	150-2	13	27	20	20	33.35	cps
Nickel	60-2	365067	356441	347031	356180	2.53	cps
Phosphorus	31-2	24780	24129	23110	24006	3.51	cps
Potassium	39-2	9650707	9335194	9227743	9404548	2.34	cps
Rhodium	103-1	6804054	6773776	6491383	6689738	2.58	cps
Rhodium	103-2	2962017	2813979	2815414	2863803	2.97	cps
Scandium	45-1	4941145	4832081	4943474	4905567	1.30	cps
Scandium	45-2	146019	138101	136440	140187	3.65	cps
Selenium	82-1	66736	66920	67545	67067	0.63	cps
Selenium	77-2	1637	1750	1563	1650	5.70	cps
Selenium	78-2	5942	5646	5533	5707	3.70	cps
Silicon	28-1	2615525	2773603	2968740	2785956	6.35	cps
Silver	107-1	3819799	3808980	3908436	3845738	1.42	cps
Silver	109-1	3700703	3714440	3693871	3703005	0.28	cps
Sodium	23-2	53425117	54608980	53211224	53748440	1.40	cps
Strontium	86-1	24095593	23322261	24142158	23853337	1.93	cps
Strontium	88-1	206188217	201824575	206078734	204697175	1.22	cps
Sulfur	34-1	703377	703598	700426	702467	0.25	cps
Terbium	159-1	9500905	9531095	9915975	9649325	2.40	cps
Terbium	159-2	4046601	3946015	3773347	3921987	3.52	cps
Thallium	203-1	2864021	2906313	2983119	2917817	2.07	cps
Thallium	205-1	6718033	6926484	6882131	6842216	1.60	cps
Tin	118-1	2381221	2417221	2437041	2411828	1.17	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:41:33	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4399452	4448300	4413957	4420570	0.57	cps
Uranium	238-1	9667315	9689670	9745380	9700788	0.41	cps
Vanadium	51-2	567960	546501	524609	546357	3.97	cps
Ytterbium	172-1	267	292	258	272	6.37	cps
Ytterbium	172-2	167	89	133	130	30.10	cps
Ytterbium	176-1	13457	14075	14300	13944	3.13	cps
Ytterbium	176-2	14764	14269	14675	14569	1.81	cps
Yttrium	89-1	10673324	10842481	10691415	10735740	0.87	cps
Yttrium	89-2	1014729	990247	970707	991894	2.22	cps
Zinc	66-2	1247250	1224497	1199091	1223613	1.97	cps
Zirconium	90-1	5435316	5248608	5443187	5375704	2.05	cps
Zirconium	91-1	1188697	1168309	1177832	1178280	0.87	cps

LB Number :	LB124432	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:49:06	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	100	76	85	15.36	cps
Antimony	121-1	450	508	533	497	8.60	cps
Arsenic	75-2	4	5	2	4	41.66	cps
Barium	135-1	133	92	58	94	39.79	cps
Barium	137-1	142	142	208	164	23.49	cps
Beryllium	9-1	102	89	101	97	7.80	cps
Bismuth	209-1	6066393	7346702	6112772	6508622	11.16	cps
Bismuth	209-2	2717517	3290737	2897140	2968465	9.88	cps
Boron	10-1	3896	3412	3506	3604	7.12	cps
Boron	11-1	16384	16280	15649	16104	2.47	cps
Bromine	81-1	31970	31338	32301	31870	1.54	cps
Cadmium	111-1	2476	3256	2673	2802	14.47	cps
Cadmium	106-1	3484	4551	3792	3942	13.93	cps
Cadmium	108-1	42	13	21	25	60.10	cps
Calcium	43-1	241	215	192	216	11.28	cps
Calcium	44-1	10833	10042	9846	10240	5.10	cps
Carbon	12-1	3343791	3326383	3304754	3324976	0.59	cps
Carbon	12-2	42604	42579	41610	42264	1.34	cps
Chlorine	35-1	3326636	3217274	3156576	3233496	2.67	cps
Chlorine	35-2	20190	19989	19764	19981	1.07	cps
Chromium	52-2	503	427	417	449	10.56	cps
Cobalt	59-2	63	70	37	57	31.12	cps
Copper	63-2	1347	1327	1190	1288	6.62	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	50	92	58	67	33.08	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	130	110	113	118	9.10	cps
Holmium	165-1	8937025	11164304	9126694	9742674	12.67	cps
Holmium	165-2	3584416	4312031	3875879	3924109	9.33	cps
Indium	115-1	7438627	8896675	7188301	7841201	11.77	cps
Indium	115-2	897106	1074553	987831	986497	8.99	cps
Iron	54-2	672	594	561	609	9.36	cps
Iron	56-2	5418	5473	4745	5212	7.77	cps
Iron	57-2	161	194	144	167	15.27	cps

LB Number :	LB124432	Operator :	Jaswal
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Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired :	2023-03-09 19:49:06	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	280	301	285	289	3.85	cps
Lead	206-1	1072	744	822	880	19.47	cps
Lead	207-1	733	661	594	663	10.48	cps
Lead	208-1	3778	3078	2984	3280	13.23	cps
Lithium	6-1	2312648	2642658	2311949	2422419	7.87	cps
Magnesium	24-2	900	775	675	783	14.39	cps
Manganese	55-2	157	147	173	159	8.48	cps
Molybdenum	94-1	917	658	683	753	18.93	cps
Molybdenum	95-1	967	642	650	753	24.61	cps
Molybdenum	96-1	1042	800	692	845	21.22	cps
Molybdenum	97-1	558	458	283	433	32.12	cps
Molybdenum	98-1	1367	1100	1050	1172	14.52	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	20	30	7	19	61.96	cps
Phosphorus	31-2	50	83	50	61	31.50	cps
Potassium	39-2	16051	16001	15484	15845	1.98	cps
Rhodium	103-1	6835085	8554720	7147379	7512395	12.19	cps
Rhodium	103-2	2770174	3346449	3090925	3069183	9.41	cps
Scandium	45-1	4786201	6097829	4992554	5292195	13.33	cps
Scandium	45-2	126861	151813	140808	139828	8.94	cps
Selenium	82-1	28	1	0	10	162.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	49	37	42	15.44	cps
Silicon	28-1	457824	453128	452420	454457	0.65	cps
Silver	107-1	300	350	342	331	8.10	cps
Silver	109-1	258	275	267	267	3.13	cps
Sodium	23-2	12347	11989	12347	12228	1.69	cps
Strontium	86-1	1108	1092	983	1061	6.40	cps
Strontium	88-1	5668	4101	3642	4470	23.76	cps
Sulfur	34-1	311926	308543	315957	312142	1.19	cps
Terbium	159-1	9039833	11558940	9741994	10113589	12.85	cps
Terbium	159-2	3449216	4200874	3806194	3818761	9.85	cps
Thallium	203-1	558	450	358	456	21.98	cps
Thallium	205-1	1192	1025	975	1064	10.66	cps
Tin	118-1	508	400	525	478	14.21	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	167	175	172	2.80	cps
Uranium	238-1	242	217	300	253	16.92	cps
Vanadium	51-2	20	10	27	19	44.42	cps
Ytterbium	172-1	58	42	50	50	16.67	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	1433	1717	1458	1536	10.21	cps
Ytterbium	176-2	8942	10393	9754	9696	7.50	cps
Yttrium	89-1	10211739	12816288	10474151	11167392	12.84	cps
Yttrium	89-2	900248	1096879	1003604	1000244	9.83	cps
Zinc	66-2	250	237	217	234	7.16	cps
Zirconium	90-1	892	750	850	831	8.77	cps
Zirconium	91-1	225	192	208	208	8.00	cps