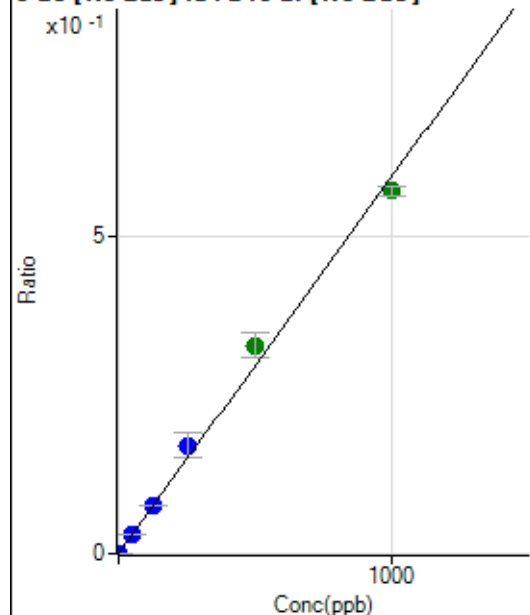


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021023 MS.b\
Analysis File: P8021023 MS.batch.bin
DA Date-Time: 2023-02-10 14:49:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-10 08:45:17
2	006CALS.d	S02	2023-02-10 08:51:36
3	007CALS.d	S03	2023-02-10 08:54:45
4	008CALS.d	S04	2023-02-10 08:57:53
5	009CALS.d	S05	2023-02-10 09:00:59
6	010CALS.d	S06	2023-02-10 09:04:07
7	011CALS.d	S07	2023-02-10 09:07:14
8	012CALS.d	S08	2023-02-10 09:10:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.49	0.0000	P	5.1
2	☐	1.000	1.054	3154.54	0.0006	P	1.1
3	☐	50.000	51.339	154563.22	0.0305	P	1.1
4	☐	125.000	128.491	379936.21	0.0763	P	0.6
5	☐	250.000	288.315	762604.74	0.1711	P	23.2
6	☐	500.000	553.094	1443538.68	0.3282	A	12.1
7	☐	1000.000	963.371	2823575.99	0.5716	A	2.3
8	☐			653.68	0.0001	P	8.2

$$y = 5.9336\text{E-}004 * x + 9.6255\text{E-}006$$

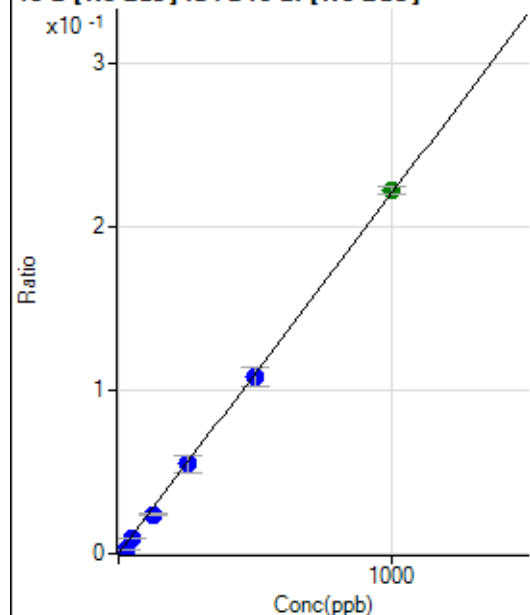
$$R = 0.9969$$

$$DL = 0.002487$$

$$BEC = 0.01622$$

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	573.90	0.0001	P	7.9
2	☐	25.000	9.961	11470.22	0.0023	P	1.5
3	☐	50.000	43.264	48896.65	0.0096	P	1.1
4	☐	125.000	107.917	118947.19	0.0239	P	2.4
5	☐	250.000	248.868	245759.22	0.0549	P	19.9
6	☐	500.000	491.894	477383.64	0.1084	P	10.3
7	☐	1000.000	1007.184	1095843.10	0.2218	A	2.2
8	☐			47078.16	0.0101	P	8.6

$$y = 2.2010\text{E-}004 * x + 1.1631\text{E-}004$$

$$R = 0.9998$$

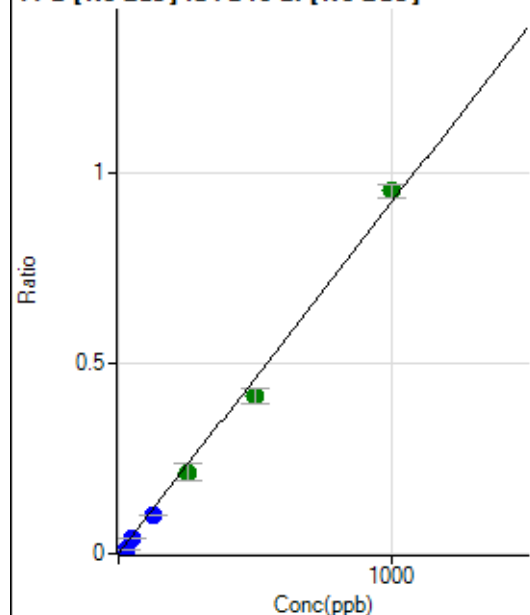
$$DL = 0.1252$$

$$BEC = 0.5284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2422.40	0.0005	P	1.7
2	☐	25.000	10.030	48467.26	0.0098	P	1.7
3	☐	50.000	43.322	205476.48	0.0405	P	1.4
4	☐	125.000	109.177	504963.96	0.1013	P	2.1
5	☐	250.000	231.738	959594.98	0.2145	A	20.6
6	☐	500.000	447.930	1825503.17	0.4142	A	9.6
7	☐	1000.000	1033.287	4716283.13	0.9548	A	3.7
8	☐			197667.95	0.0424	P	6.7

$$y = 9.2361E-004 * x + 4.9089E-004$$

$$R = 0.9980$$

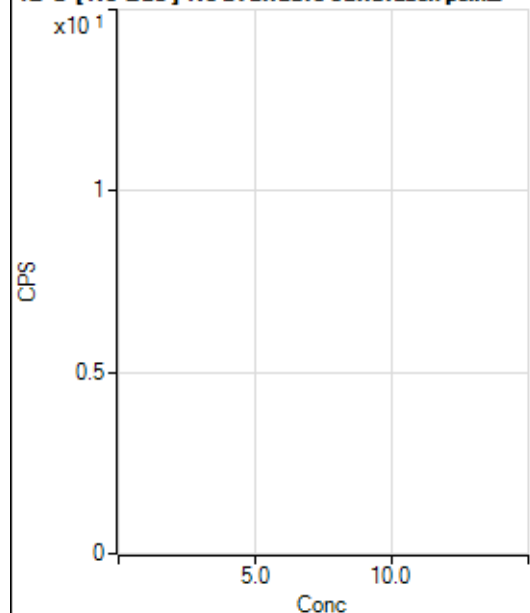
$$DL = 0.02783$$

$$BEC = 0.5315$$

Weight: <None>

Min Conc: 0

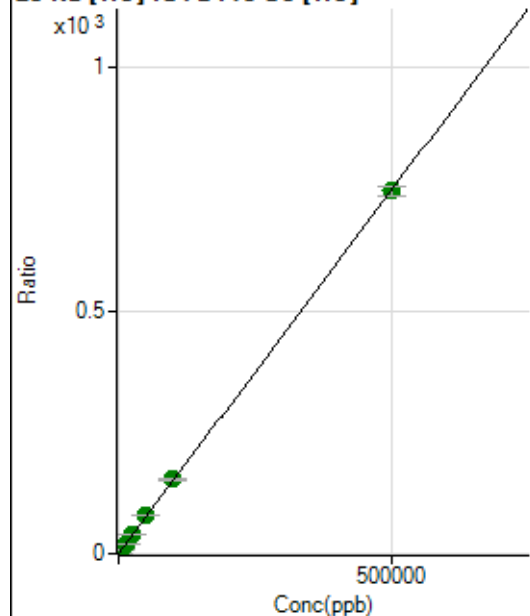
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5494149.34		A	0.8
2	☐			5479396.47		A	0.5
3	☐			5738695.66		A	3.3
4	☐			5696313.32		A	1.4
5	☐			5853058.16		A	2.4
6	☐			5925455.95		A	1.3
7	☐			6123718.15		A	0.8
8	☐			5493840.23		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62380.26		P	1.6
2	☐			62145.99		P	1.7
3	☐			65828.35		P	0.5
4	☐			67533.03		P	2.2
5	☐			69079.57		P	0.5
6	☐			70307.50		P	0.9
7	☐			72780.72		P	1.1
8	☐			68984.77		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11604.90	0.0547	P	6.0
2	☐	500.000	488.364	161349.90	0.7854	P	1.8
3	☐	5000.000	5154.783	1576022.85	7.7673	A	1.8
4	☐	12500.000	12898.600	3841723.18	19.3536	A	1.5
5	☐	25000.000	26109.560	7660333.16	39.1199	A	2.6
6	☐	50000.000	52883.255	15076669.78	79.1789	A	3.0
7	☐	100000.00	102858.81	30027444.77	153.9525	A	2.5
8	☐	500000.00	499072.93	142112667.0	746.7701	A	2.5

$$y = 0.0015 * x + 0.0547$$

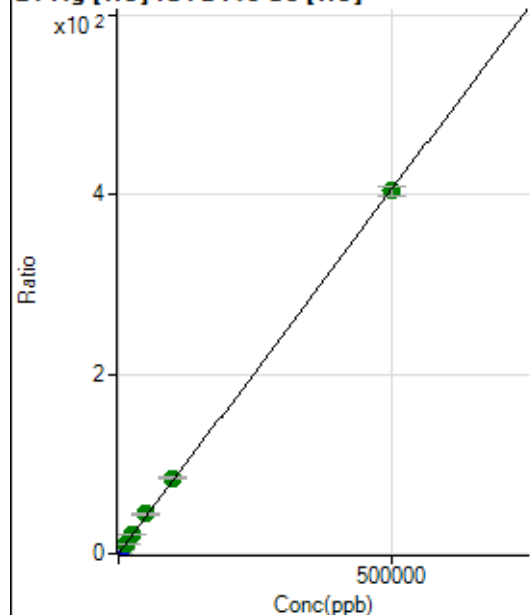
$$R = 1.0000$$

$$DL = 6.622$$

$$BEC = 36.54$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	313.90	0.0015	P	7.9
2	☐	500.000	496.486	82920.25	0.4036	P	1.4
3	☐	5000.000	5305.445	872207.91	4.2989	P	0.9
4	☐	12500.000	13532.842	2176534.14	10.9630	A	1.4
5	☐	25000.000	26867.665	4261707.13	21.7641	A	2.9
6	☐	50000.000	54704.552	8438128.14	44.3119	A	2.6
7	☐	100000.00	104151.03	16454548.28	84.3632	A	1.0
8	☐	500000.00	498577.08	76852709.36	403.8461	A	2.4

$$y = 8.0999\text{E-}004 * x + 0.0015$$

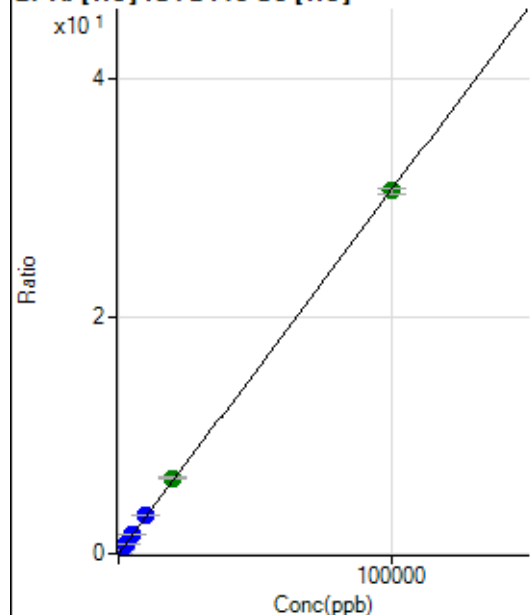
$$R = 0.9999$$

$$DL = 0.4346$$

$$BEC = 1.826$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.91	0.0003	P	8.9
2	☐	20.000	21.129	1402.40	0.0068	P	2.6
3	☐	1000.000	1029.206	64137.27	0.3161	P	2.4
4	☐	2500.000	2593.603	157975.55	0.7960	P	2.5
5	☐	5000.000	5239.294	314803.19	1.6077	P	3.0
6	☐	10000.000	10564.485	617051.91	3.2414	P	4.2
7	☐	20000.000	20813.820	1245547.29	6.3857	A	1.7
8	☐	100000.00	99766.191	5824628.03	30.6071	A	1.3

$$y = 3.0678\text{E-}004 * x + 3.4344\text{E-}004$$

$$R = 1.0000$$

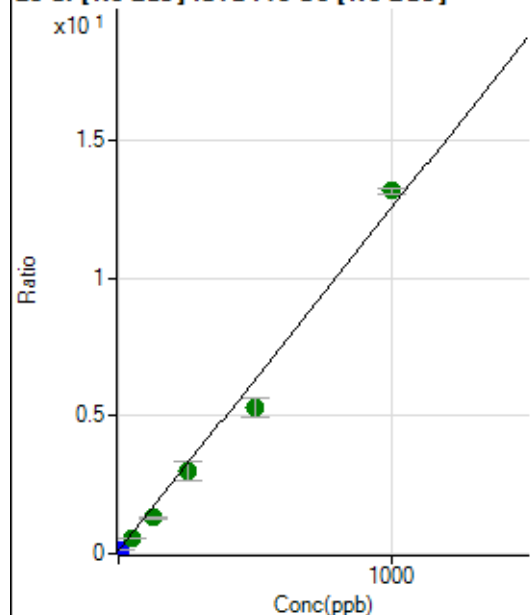
$$DL = 0.2991$$

$$BEC = 1.119$$

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	738141.85	0.1179	P	0.1
2	☐	10.000	0.728	799735.77	0.1270	P	2.9
3	☐	50.000	37.816	3734080.81	0.5885	A	1.4
4	☐	125.000	95.287	8150974.75	1.3037	A	2.1
5	☐	250.000	231.019	15535047.91	2.9928	A	24.3
6	☐	500.000	418.869	28662186.40	5.3305	A	12.7
7	☐	1000.000	1049.727	79796022.62	13.1811	A	1.4
8	☐			933383.70	0.1598	M	4.2

$$y = 0.0124 * x + 0.1179$$

$$R = 0.9953$$

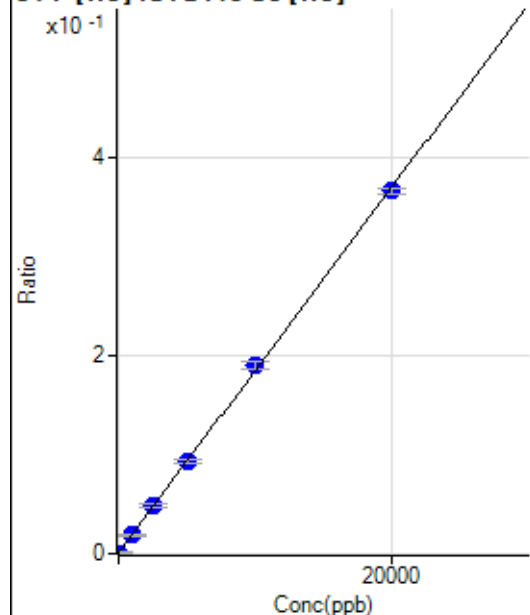
$$DL = 0.01762$$

$$BEC = 9.475$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.811	72.23	0.0003	P	30.7
2	☐	0.000	16.811	197.23	0.0010	P	24.5
3	☐	1000.000	998.728	3861.73	0.0190	P	8.0
4	☐	2500.000	2603.292	9636.79	0.0486	P	4.8
5	☐	5000.000	5064.482	18378.78	0.0939	P	4.3
6	☐	10000.000	10292.232	36184.67	0.1901	P	4.1
7	☐	20000.000	19824.915	71295.60	0.3655	P	1.9
8	☐			97.23	0.0005	P	13.1

$$y = 1.8405E-005 * x + 6.5260E-004$$

$$R = 0.9998$$

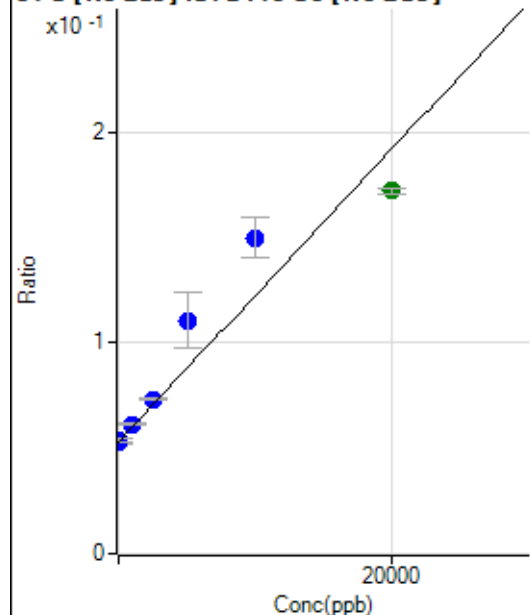
$$DL = 27.77$$

$$BEC = 35.46$$

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	-71.693	329760.40	0.0527	P	1.2
2	☐	0.000	71.693	338026.52	0.0537	P	3.2
3	☐	1000.000	1175.737	389225.42	0.0613	P	1.2
4	☐	2500.000	2902.594	458559.36	0.0733	P	1.3
5	☐	5000.000	8300.178	575563.05	0.1108	P	24.0
6	☐	10000.000	13955.634	807139.62	0.1501	P	12.8
7	☐	20000.000	17138.027	1042661.04	0.1722	A	1.8
8	☐			294524.29	0.0504	P	3.6

$$y = 6.9470\text{E-}006 * x + 0.0532$$

$$R = 0.9498$$

$$DL = 513.7$$

$$BEC = 7654$$

Weight: <None>

Min Conc: 0

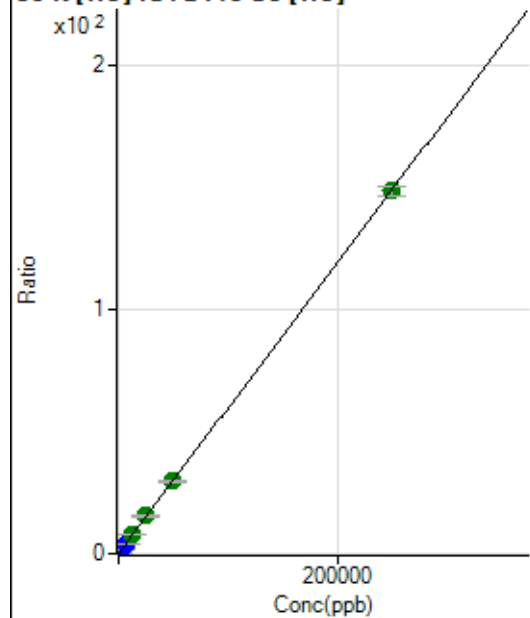
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			431898.85		P	0.1
2	☐			413148.43		P	0.8
3	☐			416180.26		P	0.9
4	☐			402111.04		P	0.5
5	☐			390856.84		P	0.6
6	☐			383772.75		P	0.4
7	☐			387898.75		P	0.6
8	☐			375695.17		P	1.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3030.96		P	4.1
2	☐			3247.67		P	5.7
3	☐			3055.97		P	1.3
4	☐			2905.93		P	1.9
5	☐			2742.00		P	8.6
6	☐			2783.68		P	5.5
7	☐			2858.69		P	8.8
8	☐			2716.99		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19037.98	0.0897	P	7.5
2	☐	500.000	491.588	78525.50	0.3823	P	0.6
3	☐	2500.000	2526.774	323311.61	1.5934	P	1.6
4	☐	6250.000	6367.896	770086.10	3.8793	P	0.8
5	☐	12500.000	13050.661	1538575.75	7.8562	A	1.4
6	☐	25000.000	26124.206	2975667.64	15.6364	A	5.5
7	☐	50000.000	49754.391	5792230.90	29.6988	A	2.4
8	☐	250000.00	249905.97	28318828.76	148.8099	A	2.8

$$y = 5.9510E-004 * x + 0.0897$$

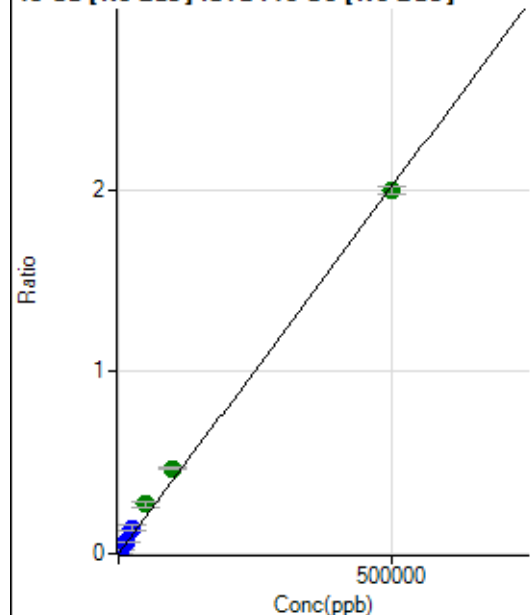
$$R = 1.0000$$

$$DL = 34$$

$$BEC = 150.8$$

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	164.15	0.0000	P	7.2
2	☐	500.000	496.111	12769.49	0.0020	P	1.3
3	☐	5000.000	5824.029	149201.48	0.0235	P	0.5
4	☐	12500.000	14519.624	366284.84	0.0586	P	0.9
5	☐	25000.000	34700.534	726615.75	0.1400	P	24.2
6	☐	50000.000	66916.951	1450378.64	0.2699	A	13.4
7	☐	100000.00	116420.28	2842337.45	0.4695	A	2.8
8	☐	500000.00	494480.49	11645734.82	1.9941	A	2.0

$$y = 4.0327E-006 * x + 2.6218E-005$$

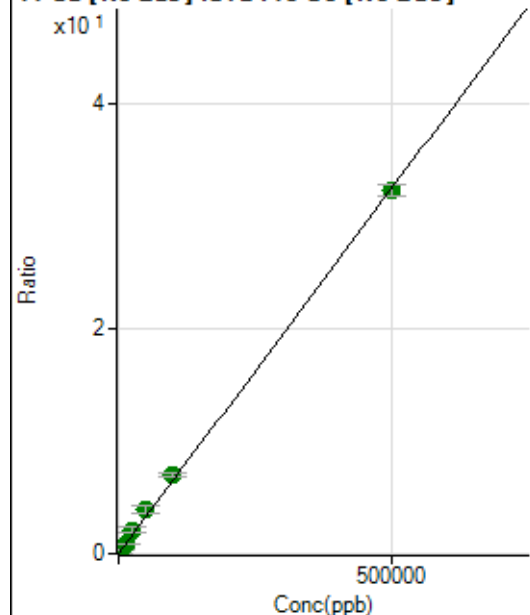
$$R = 0.9989$$

$$DL = 1.403$$

$$BEC = 6.502$$

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	12547.98	0.0020	P	1.5
2	☐	500.000	498.961	216633.90	0.0344	P	1.2
3	☐	5000.000	5574.574	2308192.86	0.3638	A	1.7
4	☐	12500.000	13619.870	5539282.03	0.8859	A	1.3
5	☐	25000.000	32234.190	10879519.66	2.0939	A	23.7
6	☐	50000.000	60534.761	21120163.35	3.9306	A	13.9
7	☐	100000.00	108068.89	42469719.27	7.0154	A	3.5
8	☐	500000.00	496937.29	188313424.4	32.2520	A	3.0

$$y = 6.4898E-005 * x + 0.0020$$

$$R = 0.9996$$

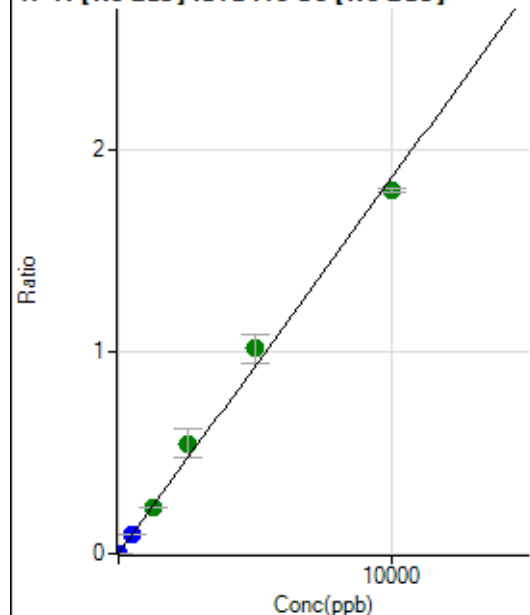
$$DL = 1.351$$

$$BEC = 30.89$$

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	272.23	0.0000	P	26.2
2	☐	5.000	4.703	5795.78	0.0009	P	1.7
3	☐	500.000	506.136	598655.93	0.0943	P	1.0
4	☐	1250.000	1239.750	1444582.78	0.2310	A	1.2
5	☐	2500.000	2933.861	2832155.31	0.5467	A	25.8
6	☐	5000.000	5459.469	5462606.94	1.0172	A	14.3
7	☐	10000.000	9662.775	10898972.64	1.8003	A	1.1
8	☐			2961.50	0.0005	P	17.5

$$y = 1.8631\text{E-}004 * x + 4.3500\text{E-}005$$

$$R = 0.9972$$

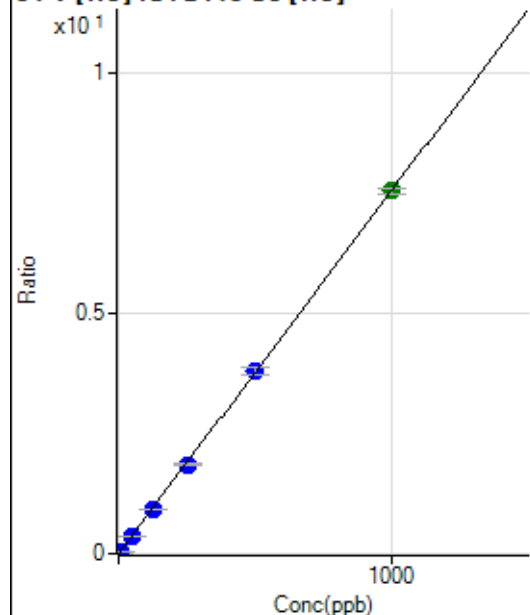
$$DL = 0.1834$$

$$BEC = 0.2335$$

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	10.00	0.0000	P	32.1
2	☐	5.000	4.706	7304.17	0.0356	P	1.8
3	☐	50.000	48.054	73599.42	0.3627	P	1.9
4	☐	125.000	121.077	181407.50	0.9139	P	1.8
5	☐	250.000	245.073	362211.14	1.8497	P	2.5
6	☐	500.000	503.977	724164.84	3.8038	P	3.6
7	☐	1000.000	999.833	1471966.31	7.5463	A	1.5
8	☐			470.01	0.0025	P	12.2

$$y = 0.0075 * x + 4.6828\text{E-}005$$

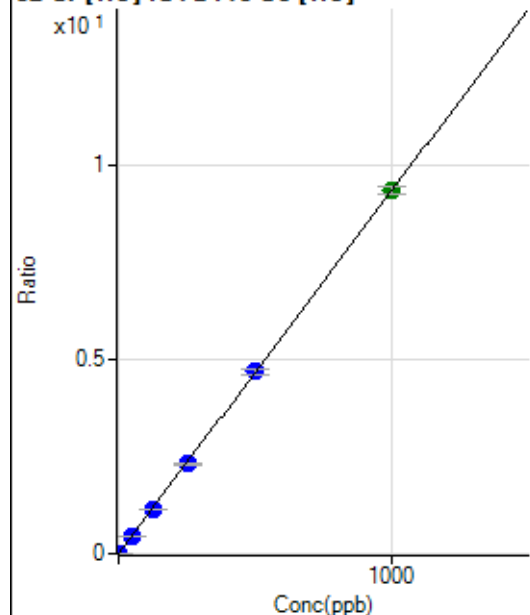
$$R = 1.0000$$

$$DL = 0.005977$$

$$BEC = 0.006205$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	550.02	0.0026	P	8.0
2	☐	2.000	1.969	4302.91	0.0209	P	1.5
3	☐	50.000	48.788	92816.18	0.4574	P	3.1
4	☐	125.000	121.639	225594.04	1.1366	P	1.8
5	☐	250.000	246.744	450915.15	2.3029	P	3.3
6	☐	500.000	501.988	891579.70	4.6823	P	2.8
7	☐	1000.000	1000.301	1819729.04	9.3278	A	2.2
8	☐			15882.27	0.0835	P	4.1

$$y = 0.0093 * x + 0.0026$$

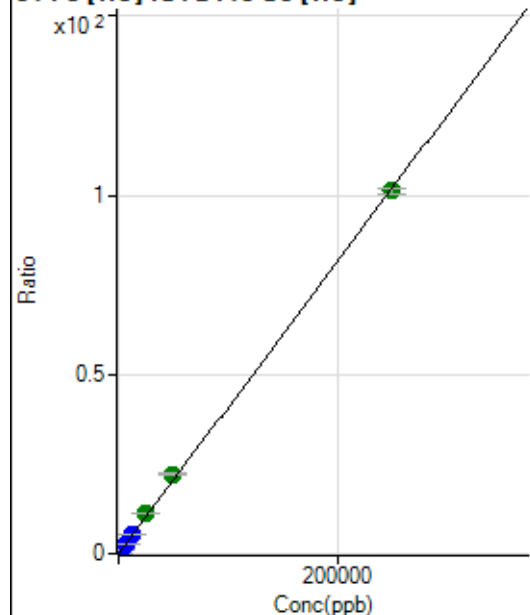
$$R = 1.0000$$

$$DL = 0.06709$$

$$BEC = 0.2782$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	701.88	0.0033	P	4.7
2	☐	50.000	51.863	5013.94	0.0244	P	8.4
3	☐	2500.000	2680.472	221919.38	1.0937	P	2.1
4	☐	6250.000	6608.903	534244.00	2.6918	P	2.8
5	☐	12500.000	13509.712	1076826.85	5.4992	P	2.9
6	☐	25000.000	28145.067	2181784.93	11.4529	A	1.1
7	☐	50000.000	54261.038	4306257.30	22.0771	A	2.3
8	☐	250000.00	248772.02	19259725.20	101.2058	A	1.9

$$y = 4.0681E-004 * x + 0.0033$$

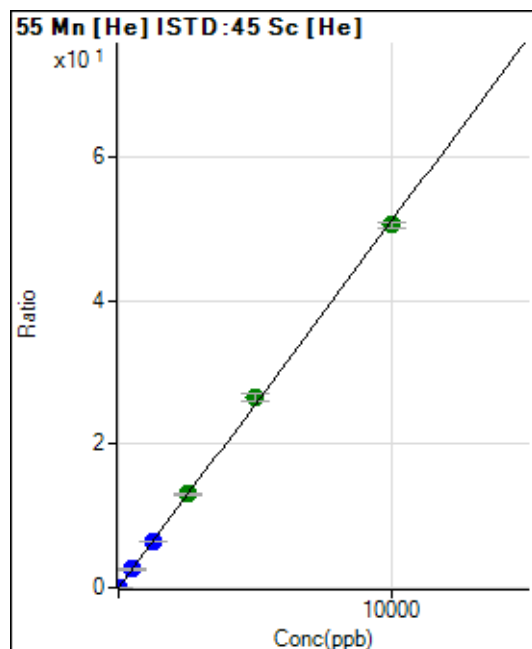
$$R = 0.9998$$

$$DL = 1.133$$

$$BEC = 8.097$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0003	P	29.0
2	☐	1.000	1.023	1141.17	0.0056	P	5.0
3	☐	500.000	499.107	517460.93	2.5503	P	1.5
4	☐	1250.000	1244.757	1262473.23	6.3598	P	1.4
5	☐	2500.000	2549.272	2550425.27	13.0246	A	3.1
6	☐	5000.000	5188.850	5047034.68	26.5103	A	3.4
7	☐	10000.000	9893.957	9860300.34	50.5489	A	1.9
8	☐			10293.79	0.0541	P	2.4

$$y = 0.0051 * x + 3.2546E-004$$

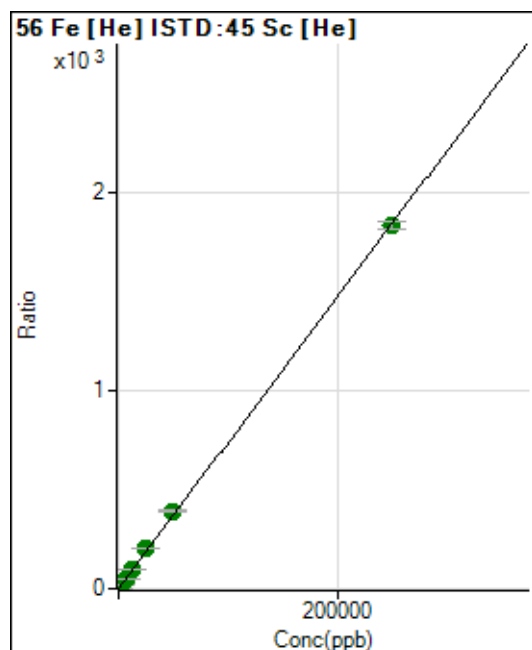
$$R = 0.9997$$

$$DL = 0.05544$$

$$BEC = 0.0637$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4011.75	0.0189	P	8.0
2	☐	50.000	51.014	80872.99	0.3937	P	2.7
3	☐	2500.000	2748.214	4100382.82	20.2090	A	2.0
4	☐	6250.000	6728.001	9817071.75	49.4469	A	2.1
5	☐	12500.000	13514.837	19445446.03	99.3072	A	3.3
6	☐	25000.000	27781.506	38858581.42	204.1189	A	3.5
7	☐	50000.000	53396.212	76528238.75	392.3003	A	1.9
8	☐	250000.00	248977.43	348095015.1	1,829.160	A	2.1

$$y = 0.0073 * x + 0.0189$$

$$R = 0.9999$$

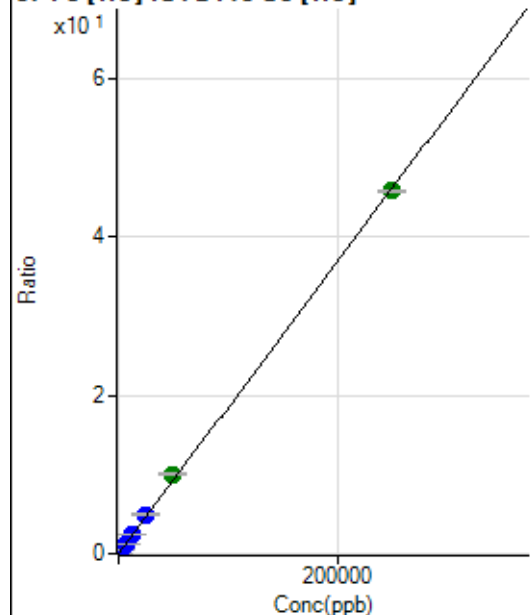
$$DL = 0.6168$$

$$BEC = 2.573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0010	P	24.8
2	☐	50.000	50.655	2126.13	0.0103	P	9.8
3	☐	2500.000	2677.624	100120.26	0.4935	P	1.1
4	☐	6250.000	6644.942	242818.15	1.2231	P	1.3
5	☐	12500.000	13283.787	478528.58	2.4440	P	4.0
6	☐	25000.000	26954.708	944259.59	4.9581	P	1.8
7	☐	50000.000	54486.472	1954832.90	10.0213	A	2.0
8	☐	250000.00	248856.39	8709631.04	45.7668	A	0.3

$$y = 1.8390\text{E-}004 * x + 0.0010$$

$$R = 0.9998$$

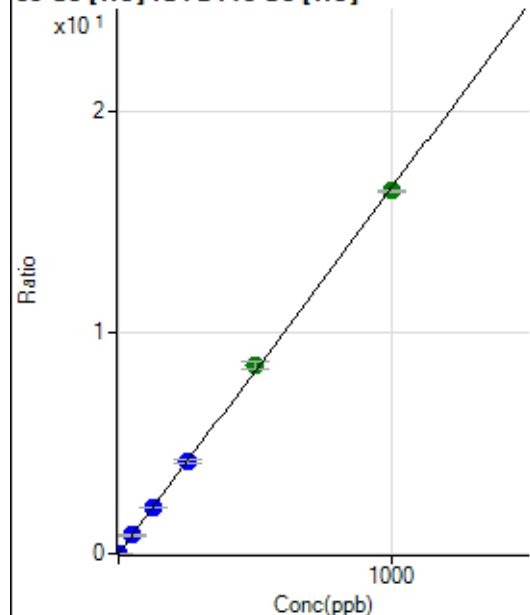
$$DL = 4.162$$

$$BEC = 5.589$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0003	P	26.7
2	☐	1.000	0.971	3349.32	0.0163	P	2.3
3	☐	50.000	50.055	167662.48	0.8263	P	1.3
4	☐	125.000	125.167	410054.92	2.0659	P	1.7
5	☐	250.000	250.818	810527.60	4.1394	P	3.4
6	☐	500.000	515.079	1618400.88	8.5004	A	3.4
7	☐	1000.000	992.232	3194117.38	16.3747	A	0.9
8	☐			2856.99	0.0150	P	5.4

$$y = 0.0165 * x + 2.8035\text{E-}004$$

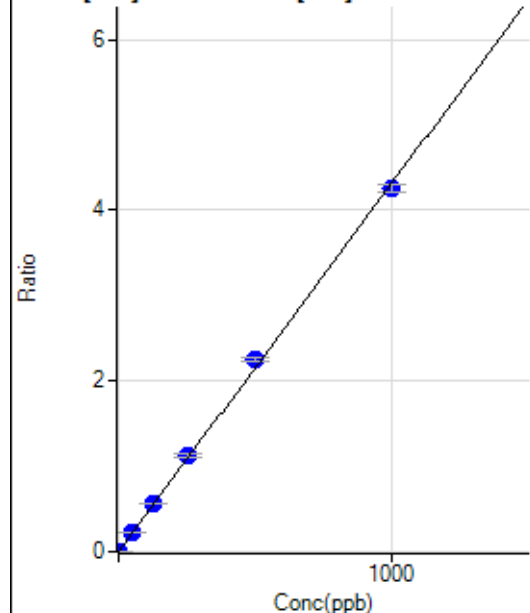
$$R = 0.9998$$

$$DL = 0.01363$$

$$BEC = 0.01699$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.11	0.0002	P	22.7
2	☐	1.000	1.034	956.71	0.0047	P	6.6
3	☐	50.000	51.914	45463.61	0.2241	P	1.8
4	☐	125.000	129.446	110832.28	0.5584	P	2.0
5	☐	250.000	260.697	220182.79	1.1244	P	2.7
6	☐	500.000	521.773	428475.99	2.2503	P	2.6
7	☐	1000.000	985.788	829253.15	4.2512	P	2.0
8	☐			2714.73	0.0143	P	4.1

$$y = 0.0043 * x + 1.9427E-004$$

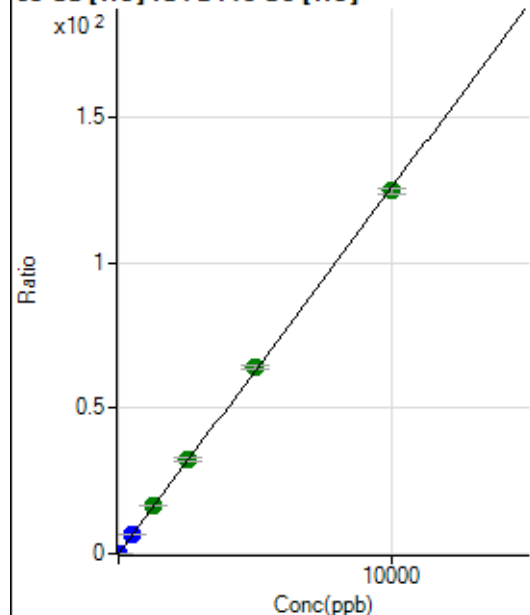
$$R = 0.9996$$

$$DL = 0.03071$$

$$BEC = 0.04505$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	716.69	0.0034	P	3.7
2	☐	2.000	2.040	5956.86	0.0290	P	5.0
3	☐	500.000	515.805	1315847.99	6.4854	P	0.2
4	☐	1250.000	1306.368	3258742.18	16.4204	A	2.2
5	☐	2500.000	2573.257	6333245.25	32.3412	A	2.4
6	☐	5000.000	5117.509	12248388.15	64.3146	A	2.1
7	☐	10000.000	9915.095	24308216.58	124.6053	A	1.6
8	☐			8260.26	0.0434	P	3.2

$$y = 0.0126 * x + 0.0034$$

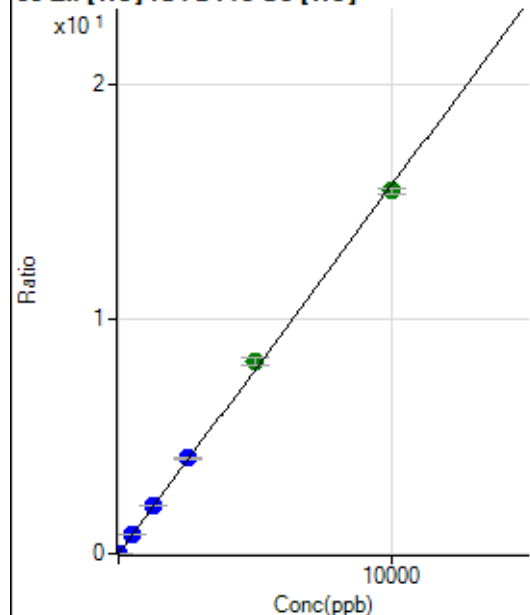
$$R = 0.9999$$

$$DL = 0.03007$$

$$BEC = 0.2681$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	257.78	0.0012	P	5.6
2	☐	2.000	2.110	928.93	0.0045	P	11.6
3	☐	500.000	522.793	166663.82	0.8214	P	0.4
4	☐	1250.000	1313.612	409281.23	2.0622	P	2.6
5	☐	2500.000	2595.211	797543.77	4.0729	P	2.9
6	☐	5000.000	5229.993	1562404.68	8.2066	A	3.9
7	☐	10000.000	9852.109	3015171.27	15.4583	A	1.3
8	☐			3120.38	0.0164	P	3.8

$$y = 0.0016 * x + 0.0012$$

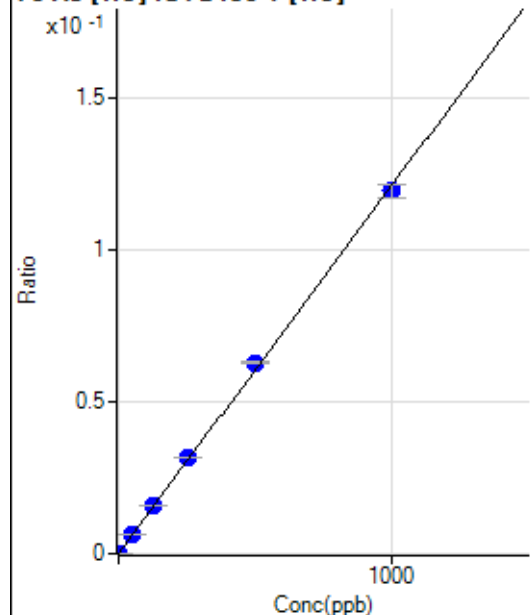
$$R = 0.9995$$

$$DL = 0.1299$$

$$BEC = 0.7734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.67	0.0000	P	38.7
2	☐	1.000	1.079	210.35	0.0001	P	4.1
3	☐	50.000	51.764	9558.86	0.0063	P	1.3
4	☐	125.000	129.963	23667.12	0.0157	P	1.2
5	☐	250.000	262.130	46701.01	0.0318	P	0.9
6	☐	500.000	519.764	90611.60	0.0630	P	1.0
7	☐	1000.000	986.377	178894.91	0.1195	P	3.5
8	☐			55.68	0.0000	P	7.4

$$y = 1.2112E-004 * x + 2.2370E-006$$

$$R = 0.9996$$

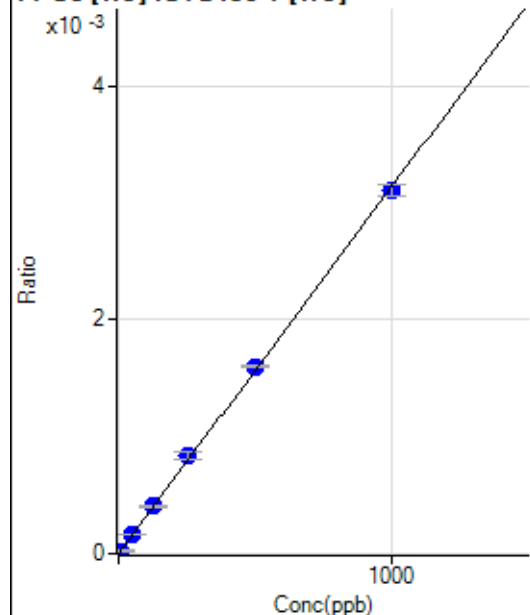
$$DL = 0.02144$$

$$BEC = 0.01847$$

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	6.949	34.44	0.0000	P	44.1
3	☐	50.000	52.340	250.00	0.0002	P	5.0
4	☐	125.000	130.200	613.35	0.0004	P	4.2
5	☐	250.000	268.595	1237.85	0.0008	P	7.2
6	☐	500.000	510.745	2303.55	0.0016	P	0.6
7	☐	1000.000	989.202	4640.81	0.0031	P	3.1
8	☐			7.78	0.0000	P	25.5

$$y = 3.1335\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

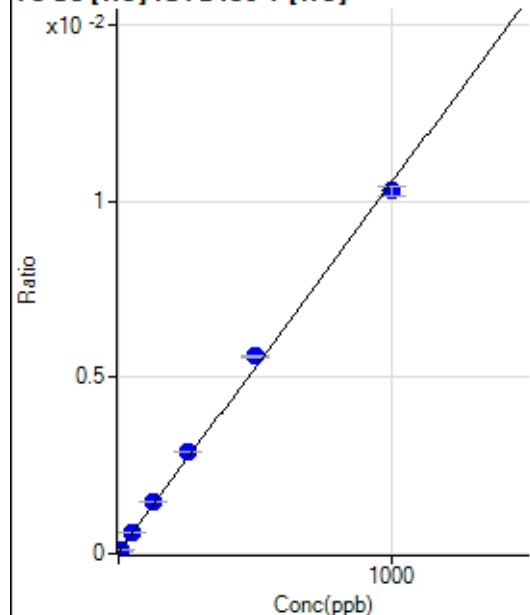
$$DL = 0$$

$$BEC = 0$$

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	81.34	0.0001	P	16.0
2	☐	5.000	5.576	171.69	0.0001	P	5.2
3	☐	50.000	53.541	931.46	0.0006	P	1.8
4	☐	125.000	135.224	2205.40	0.0015	P	1.2
5	☐	250.000	270.399	4241.40	0.0029	P	0.3
6	☐	500.000	530.524	8073.79	0.0056	P	1.1
7	☐	1000.000	978.180	15423.63	0.0103	P	2.9
8	☐			76.34	0.0001	P	5.4

$$y = 1.0479\text{E-}005 * x + 5.0089\text{E-}005$$

$$R = 0.9990$$

$$DL = 2.291$$

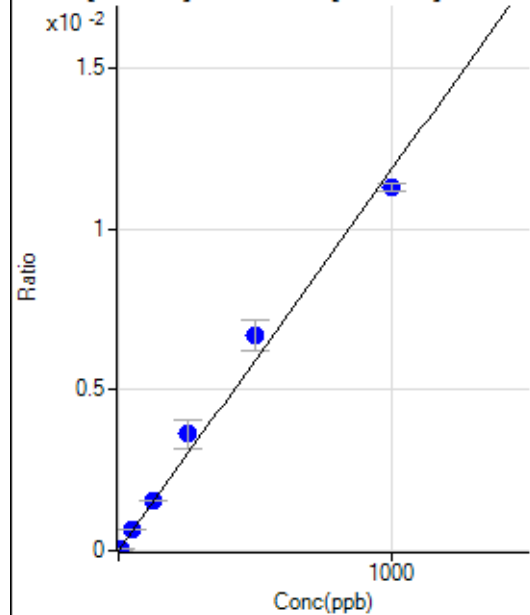
$$BEC = 4.78$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			59746.21		P	2.5
2	☐			59048.77		P	2.2
3	☐			58727.35		P	2.1
4	☐			57467.44		P	3.4
5	☐			54994.74		P	1.7
6	☐			53675.59		P	1.5
7	☐			54305.02		P	2.8
8	☐			50637.29		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.16	0.0000	P	14.7
2	☐	5.000	5.586	903.28	0.0001	P	0.1
3	☐	50.000	53.756	8347.53	0.0006	P	1.0
4	☐	125.000	129.888	20085.79	0.0015	P	1.0
5	☐	250.000	306.939	39900.06	0.0036	P	24.7
6	☐	500.000	564.788	75377.88	0.0067	P	13.7
7	☐	1000.000	952.570	144853.47	0.0113	P	2.1
8	☐			280.81	0.0000	P	9.3

$$y = 1.1831\text{E-}005 * x + 2.5806\text{E-}006$$

$$R = 0.9947$$

$$DL = 0.09594$$

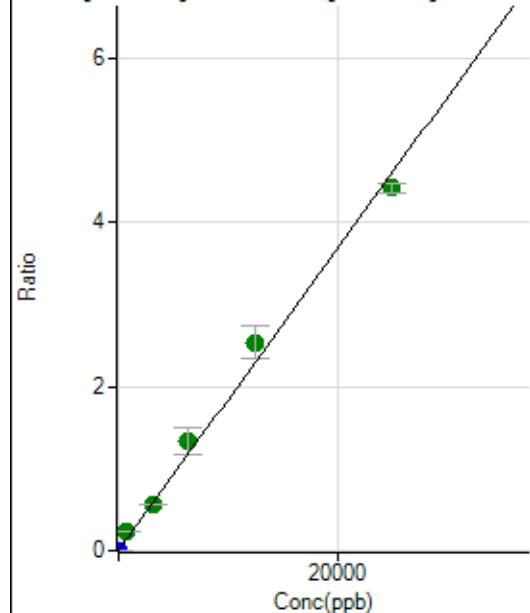
$$BEC = 0.2181$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			417.46		P	8.2
2	☐			405.79		P	6.7
3	☐			414.54		P	4.2
4	☐			434.54		P	2.5
5	☐			409.54		P	3.0
6	☐			403.71		P	5.8
7	☐			412.04		P	5.3
8	☐			456.20		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	680.59	0.0001	P	8.8
2	☐	1.000	0.984	3055.97	0.0002	P	1.3
3	☐	625.000	1283.093	3085224.98	0.2360	A	2.4
4	☐	3125.000	3040.296	7295938.96	0.5591	A	0.7
5	☐	6250.000	7281.191	14709161.61	1.3390	A	24.3
6	☐	12500.000	13839.885	28651424.95	2.5450	A	15.6
7	☐	25000.000	24066.395	56862484.60	4.4256	A	3.0
8	☐			18162.31	0.0015	P	9.1

$$y = 1.8389E-004 * x + 5.1360E-005$$

$$R = 0.9967$$

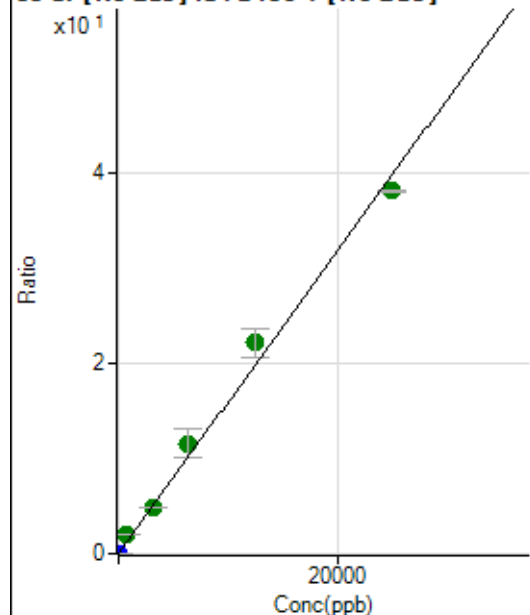
$$DL = 0.07385$$

$$BEC = 0.2793$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.12	0.0000	P	3.2
2	☐	1.000	0.972	20579.67	0.0016	P	4.7
3	☐	625.000	1247.403	25885810.47	1.9803	A	3.0
4	☐	3125.000	3054.781	63280968.78	4.8497	A	1.3
5	☐	6250.000	7272.210	126516502.8	11.5451	A	26.1
6	☐	12500.000	13947.319	249728122.2	22.1422	A	13.4
7	☐	25000.000	24014.005	489974199.8	38.1236	A	0.7
8	☐			150200.73	0.0123	P	6.7

$$y = 0.0016 * x + 2.1606E-005$$

$$R = 0.9963$$

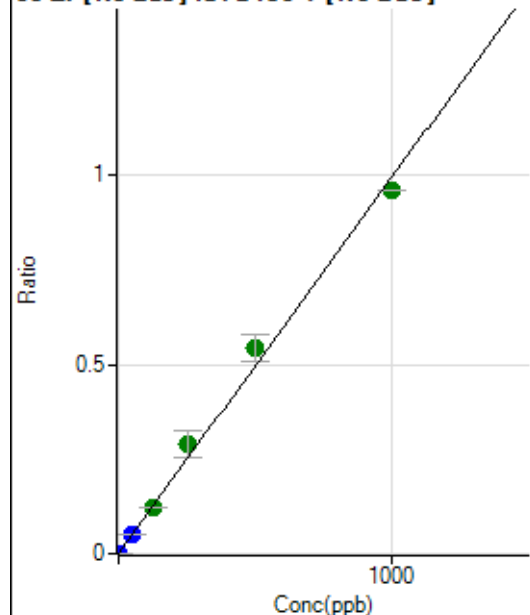
$$DL = 0.00129$$

$$BEC = 0.01361$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.03	0.0000	P	6.5
2	☐	1.000	0.882	12061.13	0.0009	P	1.2
3	☐	50.000	49.242	639740.28	0.0489	P	1.9
4	☐	125.000	122.219	1584256.24	0.1214	A	1.0
5	☐	250.000	290.412	3168633.10	0.2884	A	24.3
6	☐	500.000	549.768	6159527.35	0.5460	A	13.1
7	☐	1000.000	965.398	12323093.42	0.9587	A	0.1
8	☐			3695.03	0.0003	P	8.8

$$y = 9.9306E-004 * x + 4.1516E-005$$

$$R = 0.9970$$

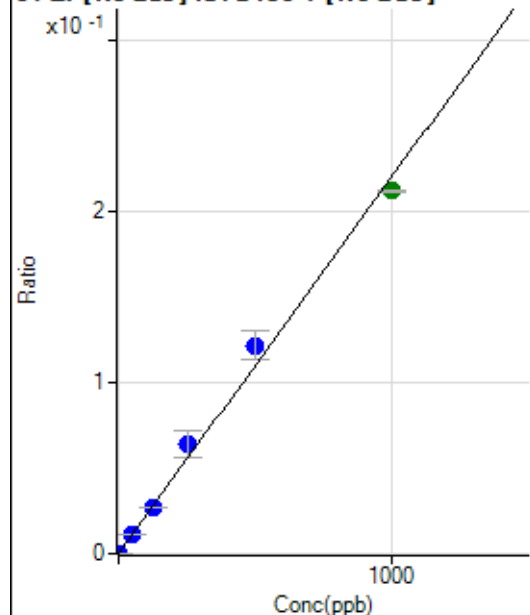
$$DL = 0.008166$$

$$BEC = 0.04181$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	28.7
2	☐	1.000	0.955	2842.04	0.0002	P	4.2
3	☐	50.000	49.363	142117.19	0.0109	P	2.1
4	☐	125.000	122.740	352691.96	0.0270	P	0.5
5	☐	250.000	291.483	705088.73	0.0642	P	24.2
6	☐	500.000	552.337	1371060.72	0.1216	P	13.9
7	☐	1000.000	963.775	2727502.43	0.2122	A	0.5
8	☐			783.38	0.0001	P	9.4

$$y = 2.2016\text{E-}004 * x + 5.6572\text{E-}006$$

$$R = 0.9967$$

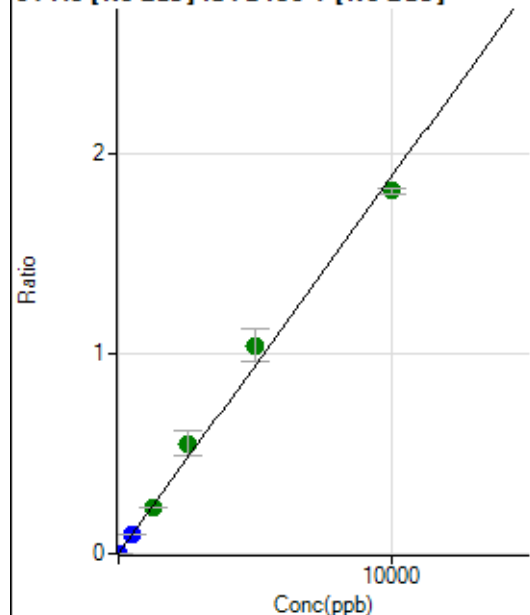
$$DL = 0.02213$$

$$BEC = 0.0257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	177.78	0.0000	P	18.8
2	☐	5.000	5.885	14749.88	0.0011	P	2.0
3	☐	500.000	511.891	1260020.75	0.0964	P	1.0
4	☐	1250.000	1242.976	3053990.28	0.2340	A	0.9
5	☐	2500.000	2928.100	6064251.74	0.5513	A	23.3
6	☐	5000.000	5527.368	11715116.23	1.0407	A	15.6
7	☐	10000.000	9629.574	23303459.20	1.8130	A	1.4
8	☐			8483.37	0.0007	P	10.5

$$y = 1.8827\text{E-}004 * x + 1.3416\text{E-}005$$

$$R = 0.9967$$

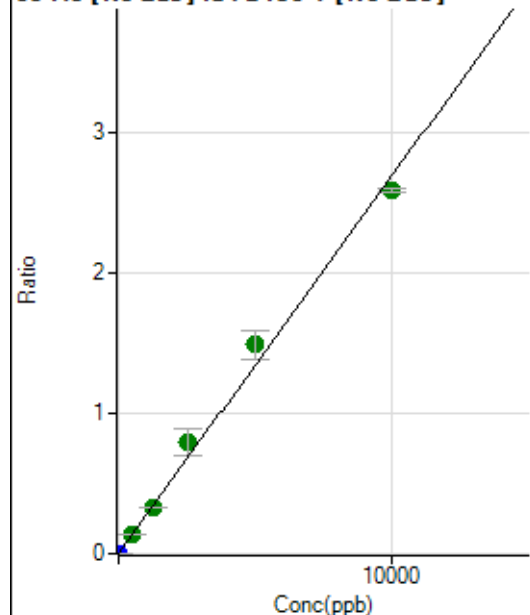
$$DL = 0.0401$$

$$BEC = 0.07126$$

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	33.2
2	☐	5.000	4.990	17672.84	0.0013	P	3.9
3	☐	500.000	503.379	1769192.99	0.1353	A	1.6
4	☐	1250.000	1241.105	4353461.21	0.3336	A	0.4
5	☐	2500.000	2948.546	8698024.06	0.7926	A	25.0
6	☐	5000.000	5541.461	16797055.24	1.4896	A	13.7
7	☐	10000.000	9618.076	33229490.33	2.5854	A	0.9
8	☐			10190.18	0.0008	P	5.4

$$y = 2.6881E-004 * x + 2.3158E-006$$

$$R = 0.9964$$

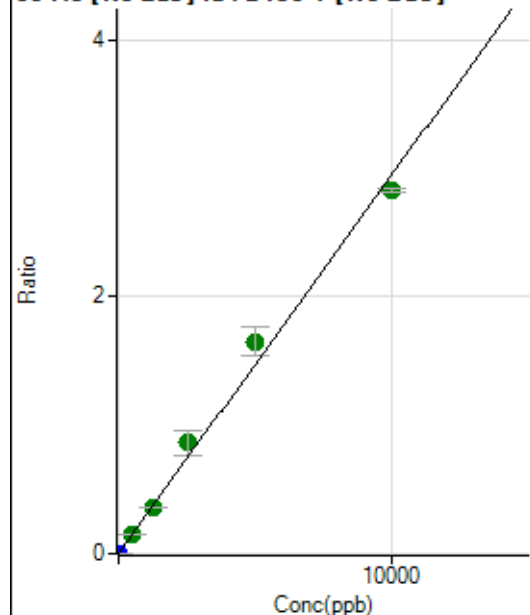
$$DL = 0.008584$$

$$BEC = 0.008615$$

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	180.56	0.0000	P	25.4
2	☐	5.000	5.044	19736.74	0.0015	P	2.7
3	☐	500.000	502.614	1936649.20	0.1482	A	2.5
4	☐	1250.000	1228.556	4725877.14	0.3622	A	0.9
5	☐	2500.000	2934.906	9519914.27	0.8652	A	23.1
6	☐	5000.000	5612.330	18645838.61	1.6544	A	14.4
7	☐	10000.000	9587.658	36323203.94	2.8263	A	1.0
8	☐			27071.62	0.0022	P	2.0

$$y = 2.9478E-004 * x + 1.3603E-005$$

$$R = 0.9958$$

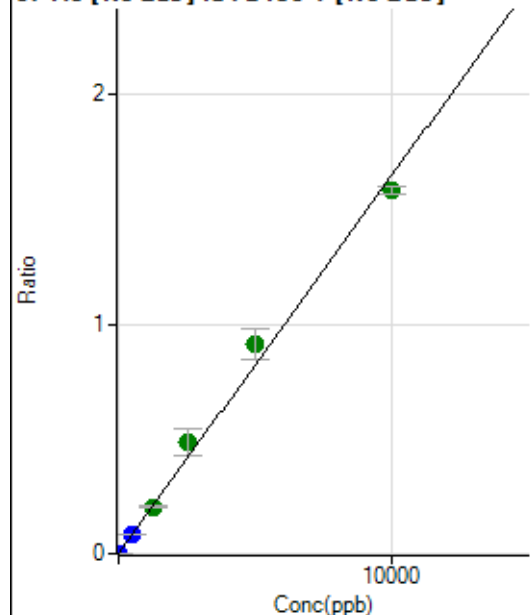
$$DL = 0.03519$$

$$BEC = 0.04615$$

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	19.45	0.0000	P	24.2
2	☐	5.000	5.033	10921.28	0.0008	P	1.6
3	☐	500.000	511.759	1101450.51	0.0843	P	2.1
4	☐	1250.000	1244.229	2673509.02	0.2049	A	1.0
5	☐	2500.000	2965.928	5371368.26	0.4884	A	23.4
6	☐	5000.000	5558.300	10314321.24	0.9153	A	14.5
7	☐	10000.000	9604.501	20324762.78	1.5815	A	2.2
8	☐			6409.97	0.0005	P	2.9

$$y = 1.6467\text{E-}004 * x + 1.4679\text{E-}006$$

$$R = 0.9962$$

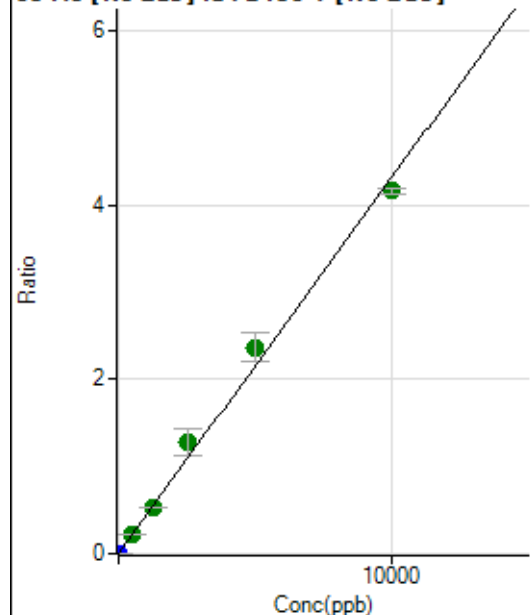
$$DL = 0.006477$$

$$BEC = 0.008914$$

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	19.44	0.0000	P	65.0
2	☐	5.000	4.959	28137.50	0.0021	P	2.4
3	☐	500.000	500.732	2822255.36	0.2159	A	0.3
4	☐	1250.000	1211.940	6818082.01	0.5225	A	0.5
5	☐	2500.000	2945.365	13947942.50	1.2698	A	24.4
6	☐	5000.000	5482.340	26644190.01	2.3635	A	14.0
7	☐	10000.000	9652.209	53474429.67	4.1612	A	1.7
8	☐			16212.80	0.0013	P	9.5

$$y = 4.3112\text{E-}004 * x + 1.4690\text{E-}006$$

$$R = 0.9969$$

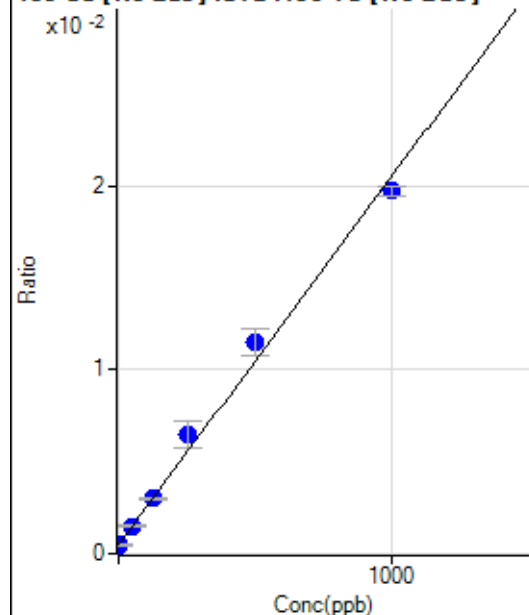
$$DL = 0.006644$$

$$BEC = 0.003407$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4717.59	0.0005	P	5.8
2	☐	1.000	-0.434	4648.13	0.0005	P	3.0
3	☐	50.000	51.734	15002.97	0.0015	P	2.6
4	☐	125.000	126.366	30231.07	0.0030	P	2.7
5	☐	250.000	299.307	55281.14	0.0065	P	22.5
6	☐	500.000	551.852	100949.80	0.0115	P	12.8
7	☐	1000.000	961.491	196213.28	0.0197	P	2.6
8	☐			4375.81	0.0005	P	12.3

$$y = 2.0006\text{E-}005 * x + 4.7395\text{E-}004$$

$$R = 0.9963$$

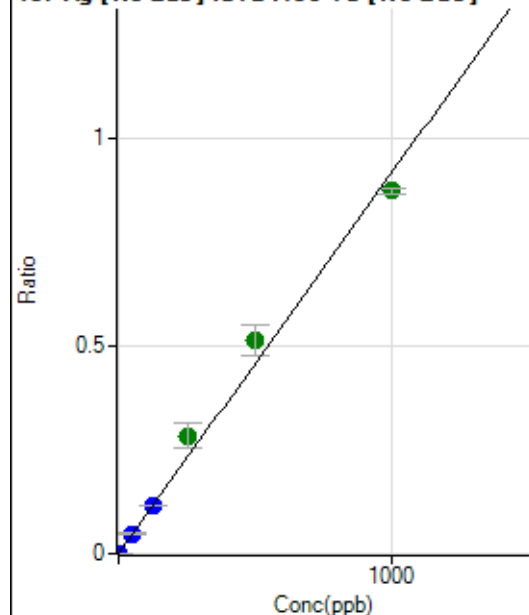
$$DL = 4.135$$

$$BEC = 23.69$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	541.69	0.0001	P	17.3
2	☐	1.000	1.030	9984.47	0.0010	P	5.0
3	☐	50.000	53.001	484054.20	0.0487	P	0.7
4	☐	125.000	128.340	1186418.76	0.1178	P	0.6
5	☐	250.000	310.663	2440950.66	0.2851	A	21.8
6	☐	500.000	561.701	4512094.28	0.5154	A	14.5
7	☐	1000.000	953.416	8710100.80	0.8747	A	1.3
8	☐			6165.47	0.0007	P	5.7

$$y = 9.1739\text{E-}004 * x + 5.4305\text{E-}005$$

$$R = 0.9947$$

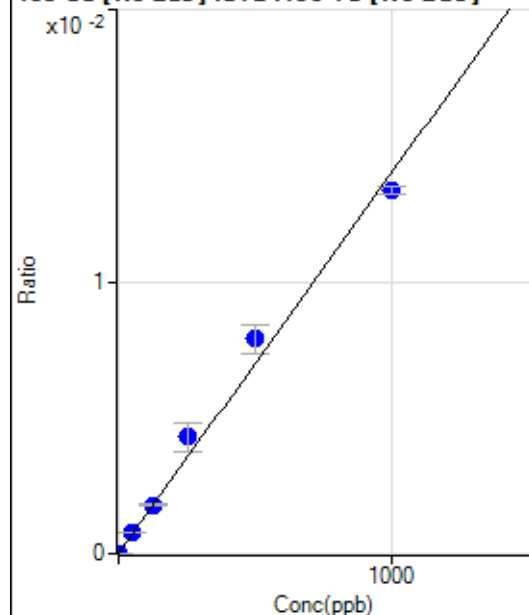
$$DL = 0.03078$$

$$BEC = 0.05919$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.61	0.0000	P	52.4
2	☐	1.000	1.004	163.89	0.0000	P	24.2
3	☐	50.000	54.426	7591.07	0.0008	P	3.1
4	☐	125.000	127.905	18038.36	0.0018	P	1.3
5	☐	250.000	306.249	36591.61	0.0043	P	23.9
6	☐	500.000	564.097	69119.37	0.0079	P	14.0
7	☐	1000.000	953.305	132757.36	0.0133	P	2.1
8	☐			70.83	0.0000	P	26.9

$$y = 1.3985\text{E-}005 * x + 2.3821\text{E-}006$$

$$R = 0.9948$$

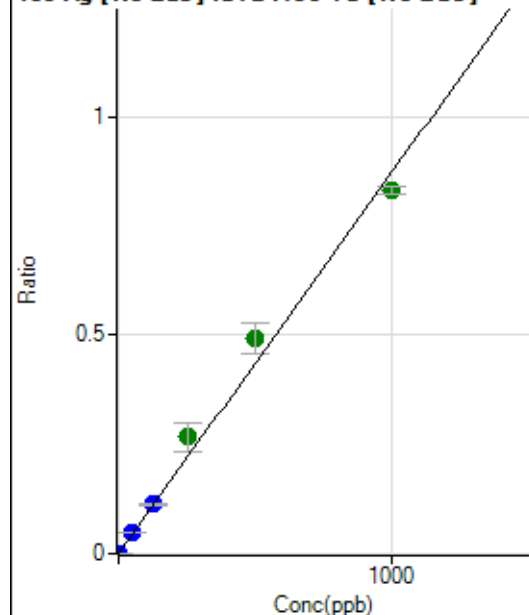
$$DL = 0.2678$$

$$BEC = 0.1703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.47	0.0000	P	17.1
2	☐	1.000	1.074	9823.19	0.0010	P	1.9
3	☐	50.000	53.532	464366.07	0.0467	P	0.6
4	☐	125.000	129.006	1132615.25	0.1125	P	1.2
5	☐	250.000	306.246	2279851.96	0.2669	A	23.7
6	☐	500.000	565.242	4315350.57	0.4926	A	13.8
7	☐	1000.000	952.640	8265011.81	0.8302	A	2.2
8	☐			5640.19	0.0006	P	7.6

$$y = 8.7139\text{E-}004 * x + 4.7093\text{E-}005$$

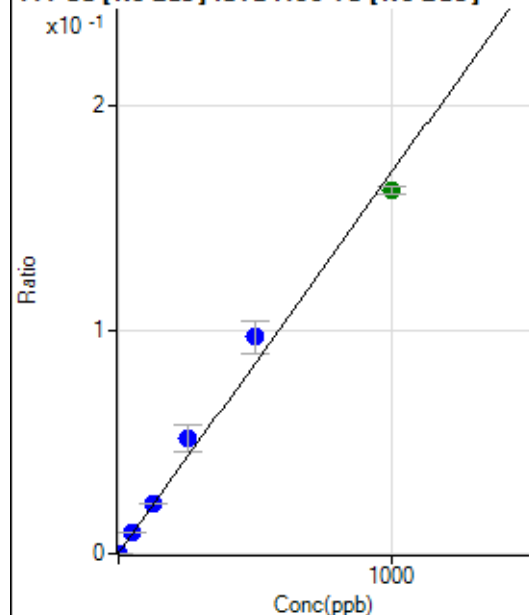
$$R = 0.9947$$

$$DL = 0.02771$$

$$BEC = 0.05404$$

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	932.54	0.0001	P	4.8
2	☐	1.000	1.071	2756.74	0.0003	P	1.9
3	☐	50.000	53.464	91363.16	0.0092	P	1.4
4	☐	125.000	129.483	222754.75	0.0221	P	1.9
5	☐	250.000	303.181	441524.95	0.0517	P	23.3
6	☐	500.000	567.801	846535.87	0.0967	P	14.3
7	☐	1000.000	952.071	1613298.84	0.1620	A	2.0
8	☐			1490.88	0.0002	P	8.3

$$y = 1.7010\text{E-}004 * x + 9.3680\text{E-}005$$

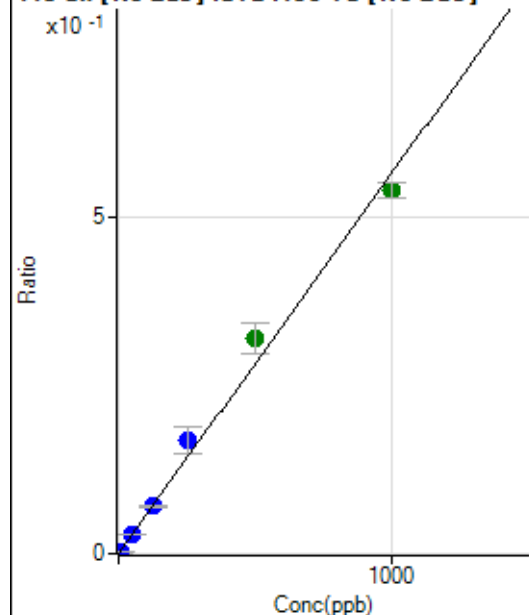
$$R = 0.9946$$

$$DL = 0.07962$$

$$BEC = 0.5507$$

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	644.48	0.0001	P	8.9
2	☐	5.000	4.931	28455.19	0.0028	P	1.9
3	☐	50.000	51.679	290721.04	0.0292	P	1.3
4	☐	125.000	123.988	705556.02	0.0701	P	0.5
5	☐	250.000	299.025	1441539.37	0.1689	P	24.2
6	☐	500.000	566.279	2798579.75	0.3197	A	14.8
7	☐	1000.000	954.647	5363991.48	0.5389	A	4.2
8	☐			6565.67	0.0007	P	5.9

$$y = 5.6448\text{E-}004 * x + 6.4766\text{E-}005$$

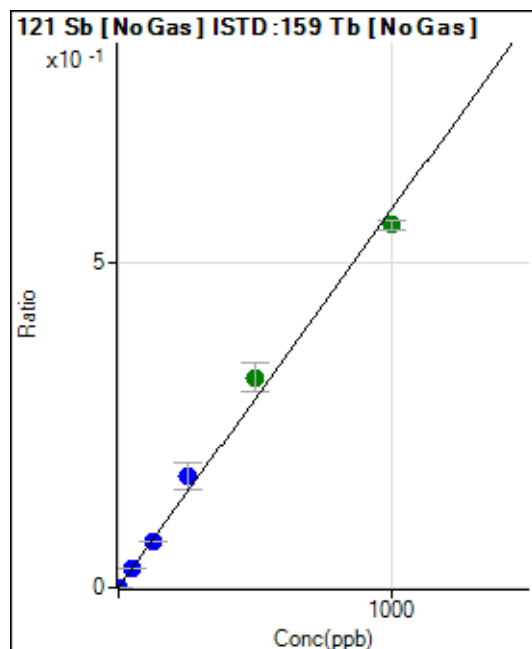
$$R = 0.9950$$

$$DL = 0.03048$$

$$BEC = 0.1147$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.3
2	☐	2.000	1.985	11538.53	0.0012	P	3.8
3	☐	50.000	51.044	294442.51	0.0296	P	1.0
4	☐	125.000	123.270	720144.00	0.0715	P	1.5
5	☐	250.000	296.968	1471459.36	0.1722	P	23.6
6	☐	500.000	556.716	2829678.43	0.3229	A	13.4
7	☐	1000.000	960.064	5543832.55	0.5569	A	2.3
8	☐			4072.94	0.0004	P	13.7

$$y = 5.8002\text{E-}004 * x + 3.3504\text{E-}006$$

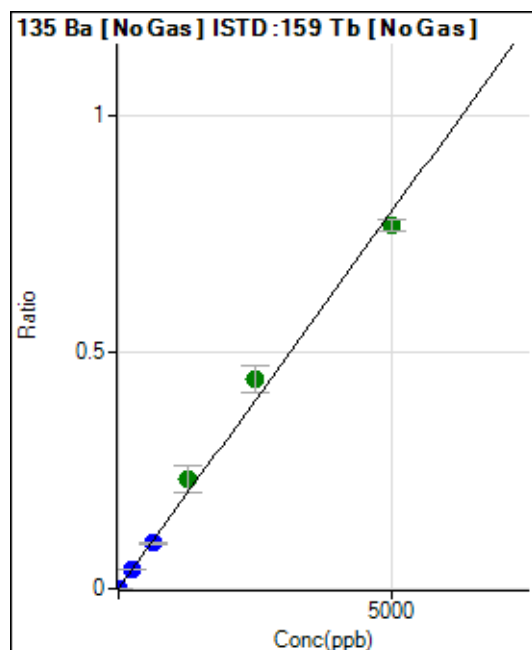
$$R = 0.9961$$

$$DL = 0.004389$$

$$BEC = 0.005776$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.2
2	☐	10.000	9.392	14975.37	0.0015	P	2.6
3	☐	250.000	247.332	391885.89	0.0394	P	1.5
4	☐	625.000	602.650	967045.90	0.0960	P	1.9
5	☐	1250.000	1457.184	1983392.60	0.2322	A	23.7
6	☐	2500.000	2775.115	3878320.53	0.4422	A	12.4
7	☐	5000.000	4813.575	7634766.93	0.7670	A	3.1
8	☐			4500.87	0.0005	P	3.4

$$y = 1.5934\text{E-}004 * x + 2.2429\text{E-}006$$

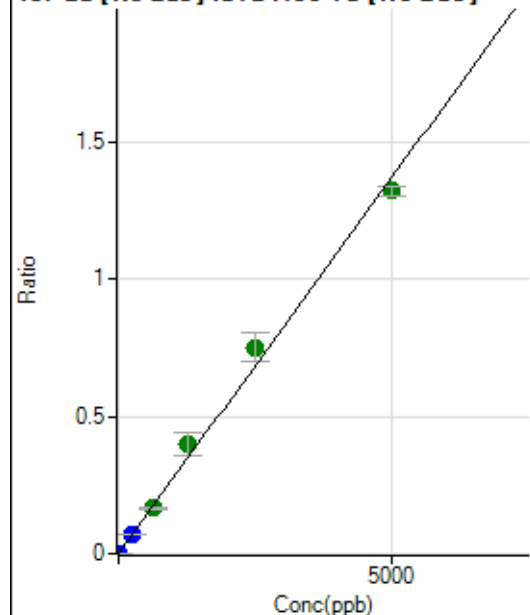
$$R = 0.9965$$

$$DL = 0.02459$$

$$BEC = 0.01408$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	27.7
2	☐	10.000	9.590	26317.86	0.0026	P	2.1
3	☐	250.000	248.994	678946.82	0.0683	P	1.9
4	☐	625.000	603.958	1667929.29	0.1656	A	1.1
5	☐	1250.000	1454.941	3416655.85	0.3990	A	21.8
6	☐	2500.000	2748.165	6604694.51	0.7536	A	13.3
7	☐	5000.000	4827.364	13178075.64	1.3237	A	3.0
8	☐			7430.03	0.0008	P	11.3

$$y = 2.7421\text{E-}004 * x + 4.4570\text{E-}006$$

$$R = 0.9970$$

$$DL = 0.01352$$

$$BEC = 0.01625$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	86.6
2	☐			15.56		P	49.5
3	☐			42.22		P	24.1
4	☐			106.67		P	34.8
5	☐			217.78		P	9.8
6	☐			462.24		P	6.5
7	☐			926.72		P	13.0
8	☐			48.89		P	47.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			0.00		P	
3	☐			6.67		P	0.0
4	☐			14.44		P	13.4
5	☐			17.78		P	65.8
6	☐			36.67		P	39.6
7	☐			71.11		P	15.1
8	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			5.56		P	173.
3	☐			41.67		P	87.2
4	☐			44.44		P	28.6
5	☐			122.23		P	15.7
6	☐			238.90		P	19.8
7	☐			463.91		P	3.7
8	☐			1277.86		P	6.7

156 Dy [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	☐			12.22		P	41.7
4	☐			32.22		P	21.5
5	☐			44.45		P	15.6
6	☐			106.67		P	11.3
7	☐			193.34		P	10.5
8	☐			570.02		P	9.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	38.6
2	☐			77.78		P	40.6
3	☐			100.00		P	22.0
4	☐			122.23		P	20.8
5	☐			172.23		P	31.5
6	☐			197.23		P	32.8
7	☐			411.13		P	8.2
8	☐			1313.99		P	3.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	23.2
2	☐			110.00		P	8.0
3	☐			107.78		P	15.3
4	☐			146.67		P	9.9
5	☐			140.00		P	4.8
6	☐			205.56		P	13.0
7	☐			240.00		P	9.7
8	☐			762.25		P	0.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	36.3
2	☐			61.11		P	15.7
3	☐			66.67		P	45.1
4	☐			75.00		P	29.4
5	☐			66.67		P	33.1
6	☐			113.89		P	18.4
7	☐			169.45		P	12.4
8	☐			122.23		P	10.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	16.9
2	☐			21.11		P	24.1
3	☐			40.00		P	14.4
4	☐			35.55		P	37.9
5	☐			31.11		P	12.4
6	☐			57.78		P	21.8
7	☐			86.67		P	31.5
8	☐			58.89		P	22.9

172 Yb [No Gas] No available calibration points

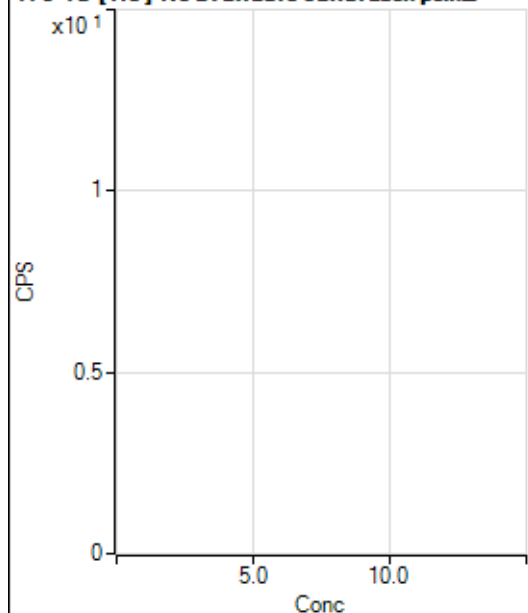
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	33.3
2	☐			44.44		P	28.6
3	☐			94.45		P	36.7
4	☐			77.78		P	16.4
5	☐			116.67		P	7.1
6	☐			125.00		P	20.0
7	☐			297.23		P	5.8
8	☐			533.36		P	18.4

172 Yb [He] No available calibration points

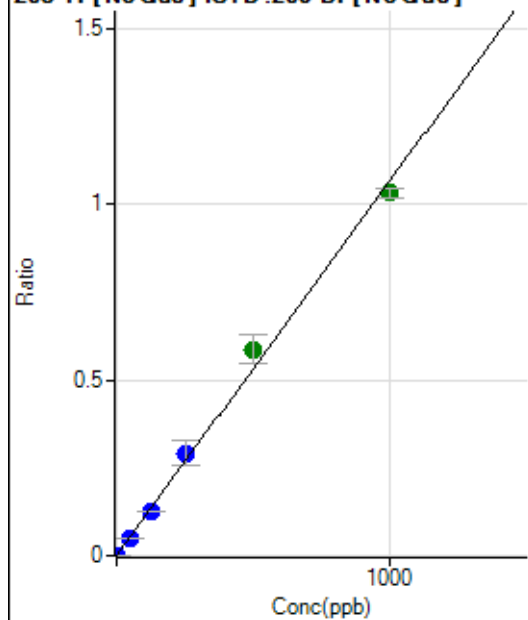
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	56.8
2	☐			35.19		P	18.2
3	☐			27.78		P	40.0
4	☐			46.30		P	48.5
5	☐			37.04		P	22.9
6	☐			74.08		P	8.7
7	☐			98.15		P	34.6
8	☐			240.75		P	15.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1714.05		P	9.3
2	☐			1691.83		P	10.7
3	☐			2905.97		P	8.2
4	☐			4520.33		P	0.5
5	☐			7519.04		P	1.6
6	☐			13198.62		P	2.6
7	☐			26115.44		P	1.4
8	☐			1600.14		P	2.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8578.88		P	5.3
2	☐			8286.08		P	1.6
3	☐			8751.20		P	3.4
4	☐			9283.04		P	2.9
5	☐			10841.70		P	1.1
6	☐			13006.63		P	3.5
7	☐			19132.65		P	1.9
8	☐			7687.54		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0000	P	18.8
2	☐	1.000	0.954	5915.42	0.0010	P	4.7
3	☐	50.000	47.011	281422.83	0.0500	P	2.2
4	☐	125.000	116.972	703841.79	0.1244	P	1.1
5	☐	250.000	274.854	1448676.37	0.2923	P	24.0
6	☐	500.000	550.805	2891592.88	0.5858	A	14.3
7	☐	1000.000	969.537	5623726.95	1.0312	A	2.3
8	☐			1622.37	0.0003	P	9.9

$$y = 0.0011 * x + 2.1883E-005$$

$$R = 0.9975$$

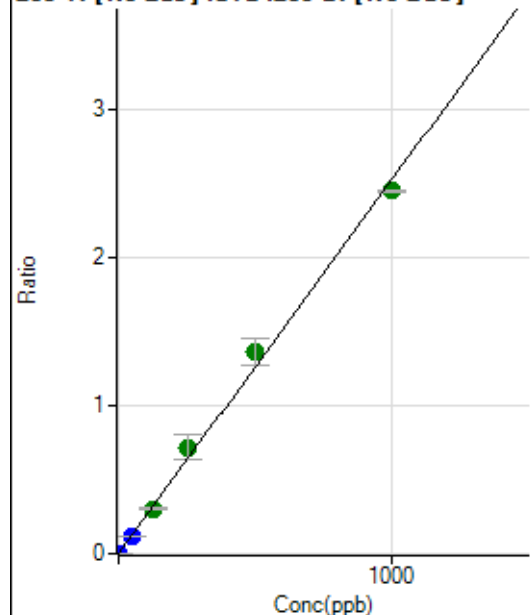
$$DL = 0.01163$$

$$BEC = 0.02058$$

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	405.57	0.0001	P	10.1
2	☐	1.000	0.879	13029.16	0.0023	P	1.2
3	☐	50.000	47.810	678028.04	0.1205	P	2.3
4	☐	125.000	120.676	1719784.09	0.3041	A	1.5
5	☐	250.000	285.694	3564293.66	0.7197	A	24.4
6	☐	500.000	540.671	6727918.86	1.3620	A	13.4
7	☐	1000.000	971.391	13346687.97	2.4470	A	0.7
8	☐			3900.71	0.0008	P	6.4

$$y = 0.0025 * x + 6.9658E-005$$

$$R = 0.9978$$

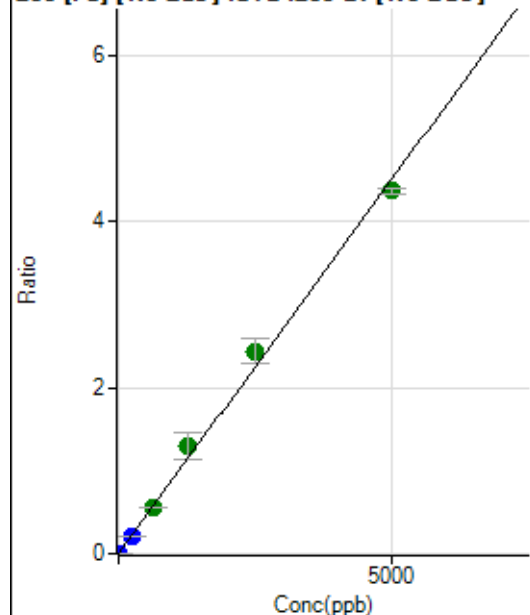
$$DL = 0.008347$$

$$BEC = 0.02765$$

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	459.28	0.0001	P	9.6
2	☐	1.000	0.836	4745.41	0.0008	P	5.5
3	☐	250.000	231.399	1173905.52	0.2086	P	2.2
4	☐	625.000	605.723	3088257.36	0.5460	A	0.3
5	☐	1250.000	1441.602	6434479.48	1.2993	A	24.4
6	☐	2500.000	2709.701	12070059.87	2.4421	A	12.8
7	☐	5000.000	4850.589	23841511.18	4.3715	A	1.8
8	☐			6140.47	0.0013	P	10.1

$$y = 9.0122E-004 * x + 7.8952E-005$$

$$R = 0.9976$$

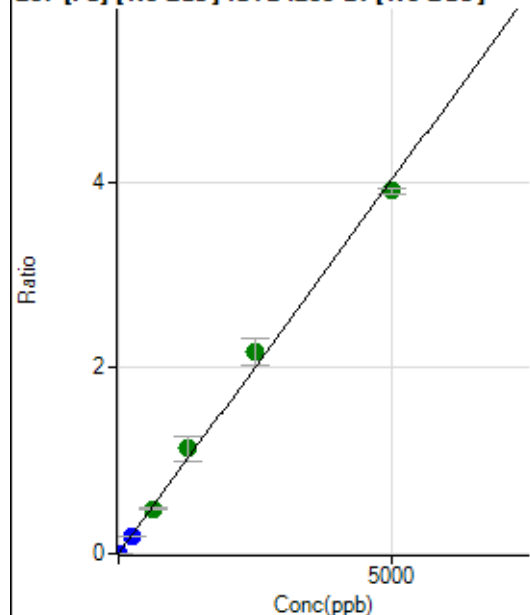
$$DL = 0.02516$$

$$BEC = 0.08761$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	364.83	0.0001	P	16.5
2	☐	1.000	0.885	4411.94	0.0008	P	1.1
3	☐	250.000	233.180	1054173.78	0.1873	P	1.6
4	☐	625.000	604.329	2745846.24	0.4854	A	1.3
5	☐	1250.000	1407.878	5598879.58	1.1308	A	24.6
6	☐	2500.000	2708.967	10750993.18	2.1758	A	13.1
7	☐	5000.000	4859.472	21286970.85	3.9031	A	1.4
8	☐			5410.49	0.0011	P	5.8

$$y = 8.0318\text{E-}004 * x + 6.2730\text{E-}005$$

$$R = 0.9979$$

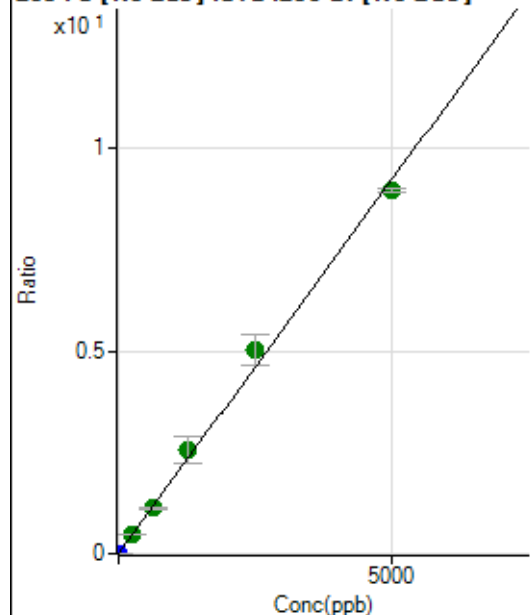
$$DL = 0.0386$$

$$BEC = 0.0781$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	822.27	0.0001	P	10.4
2	☐	1.000	0.899	10265.51	0.0018	P	3.9
3	☐	250.000	250.051	2596875.35	0.4615	A	2.4
4	☐	625.000	606.224	6327218.72	1.1187	A	2.9
5	☐	1250.000	1391.192	12713146.12	2.5671	A	24.4
6	☐	2500.000	2720.469	24761534.82	5.0198	A	15.0
7	☐	5000.000	4856.812	48878154.33	8.9616	A	1.2
8	☐			11978.35	0.0025	P	4.8

$$y = 0.0018 * x + 1.4095\text{E-}004$$

$$R = 0.9980$$

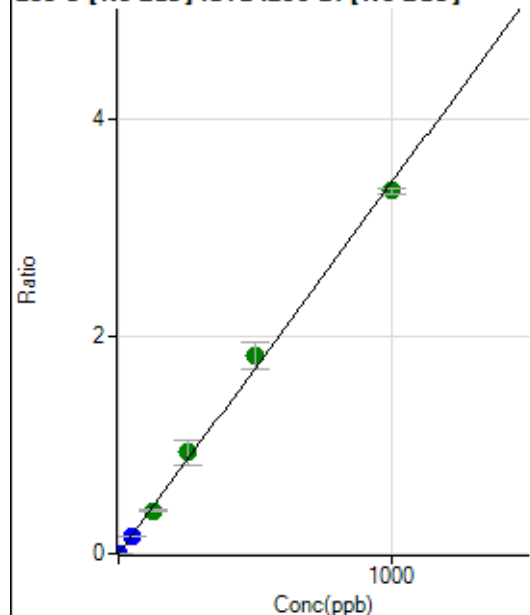
$$DL = 0.02375$$

$$BEC = 0.07639$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	87.6
2	☐	1.000	0.852	16594.67	0.0029	P	3.8
3	☐	50.000	45.568	873770.41	0.1553	P	2.3
4	☐	125.000	116.536	2246017.46	0.3971	A	3.3
5	☐	250.000	272.904	4604230.79	0.9300	A	24.6
6	☐	500.000	534.880	8999752.98	1.8228	A	14.0
7	☐	1000.000	978.114	18181775.41	3.3333	A	1.3
8	☐			1850.19	0.0004	P	24.2

$$y = 0.0034 * x + 7.1586E-006$$

$$R = 0.9986$$

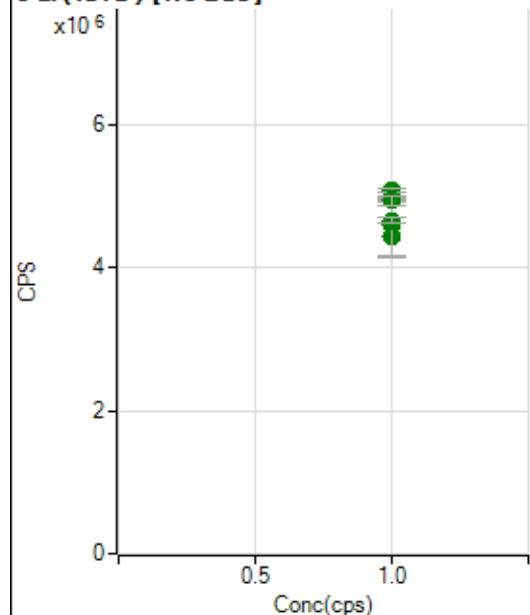
$$DL = 0.005523$$

$$BEC = 0.002101$$

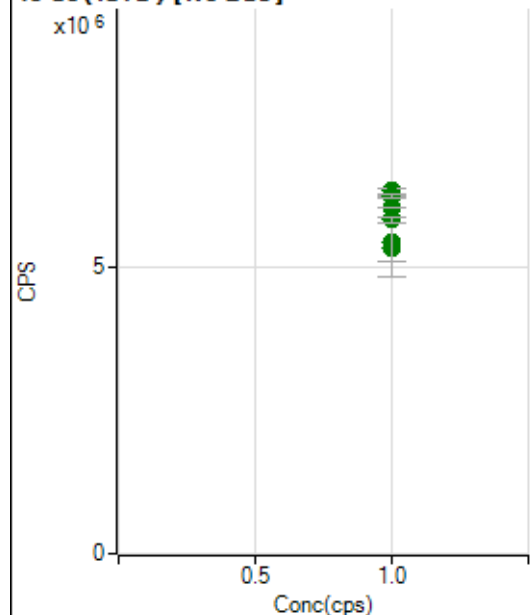
Weight: <None>

Min Conc: 0

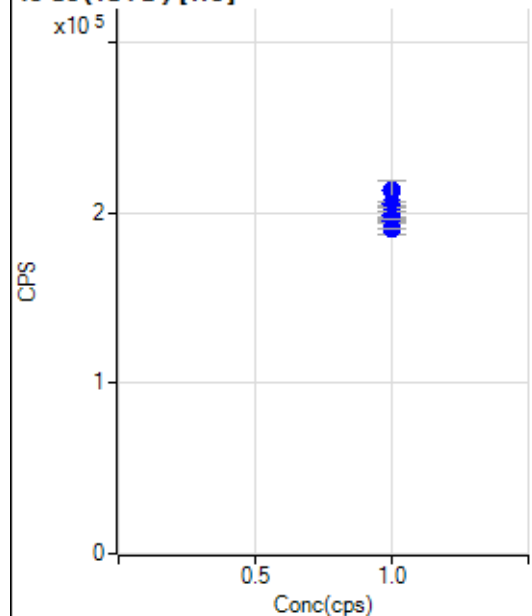
6 Li (ISTD) [No Gas]



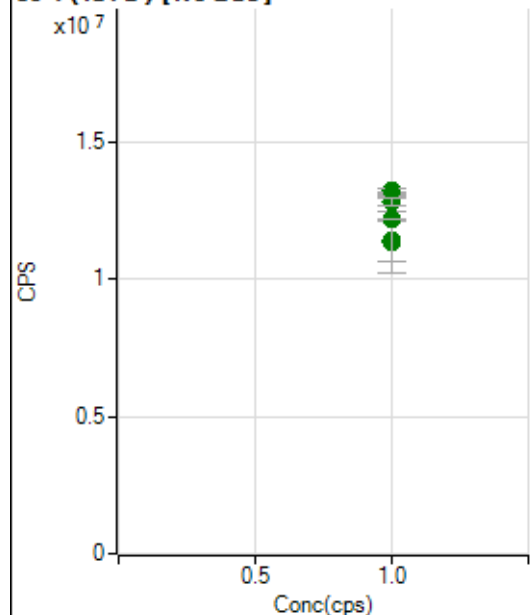
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4934738.89		A	0.8
2	☐	1.000		4968536.44		A	1.2
3	☐	1.000		5072603.07		A	1.1
4	☐	1.000		4982861.53		A	0.9
5	☐	1.000		4596670.58		A	19.5
6	☐	1.000		4440850.47		A	11.8
7	☐	1.000		4941534.61		A	2.7
8	☐	1.000		4662707.43		A	1.6

45 Sc (ISTD) [No Gas]

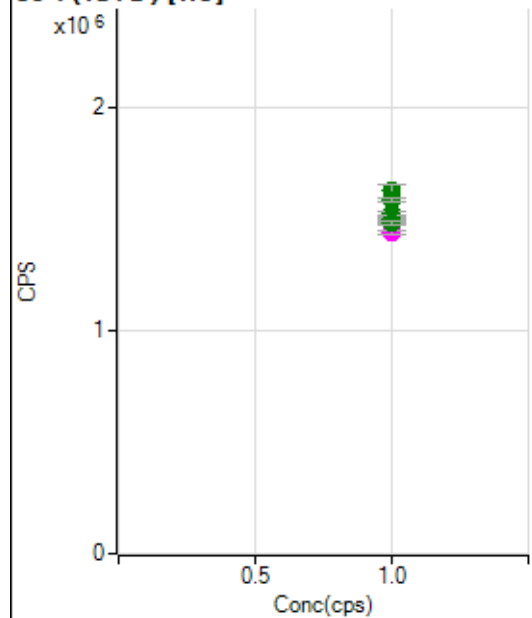
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6260159.28		A	0.2
2	☐	1.000		6301435.53		A	2.6
3	☐	1.000		6345953.59		A	1.6
4	☐	1.000		6253329.21		A	1.3
5	☐	1.000		5363215.02		A	19.8
6	☐	1.000		5434314.89		A	12.4
7	☐	1.000		6053877.20		A	0.1
8	☐	1.000		5841012.76		A	1.9

45 Sc (ISTD) [He]

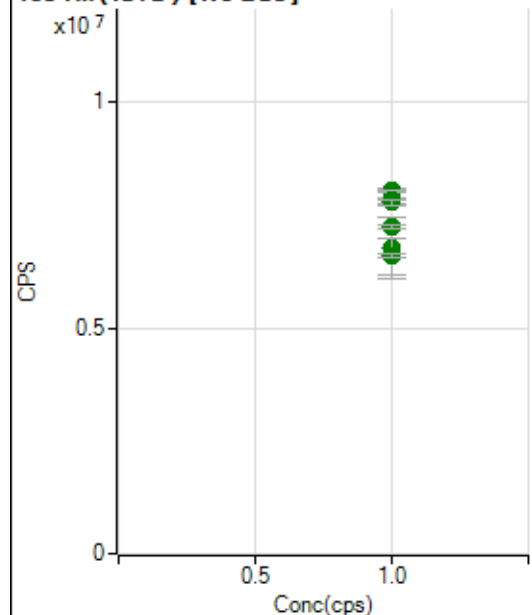
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		212743.07		P	5.6
2	☐	1.000		205418.50		P	1.3
3	☐	1.000		202893.92		P	0.5
4	☐	1.000		198509.23		P	1.8
5	☐	1.000		195849.25		P	1.0
6	☐	1.000		190520.05		P	3.3
7	☐	1.000		195052.63		P	1.4
8	☐	1.000		190304.67		P	0.1

89 Y (ISTD) [No Gas]

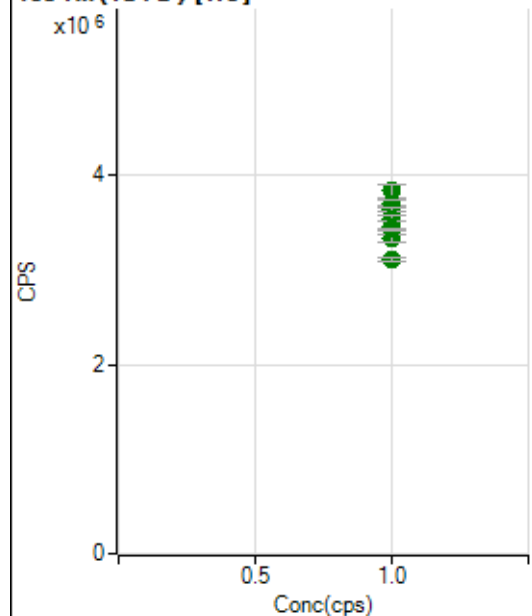
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13239557.58		A	1.6
2	☐	1.000		13154361.89		A	0.7
3	☐	1.000		13073754.95		A	1.9
4	☐	1.000		13049007.86		A	0.5
5	☐	1.000		11353007.89		A	20.0
6	☐	1.000		11405566.91		A	12.5
7	☐	1.000		12853365.09		A	1.9
8	☐	1.000		12220851.20		A	0.2

89 Y (ISTD) [He]

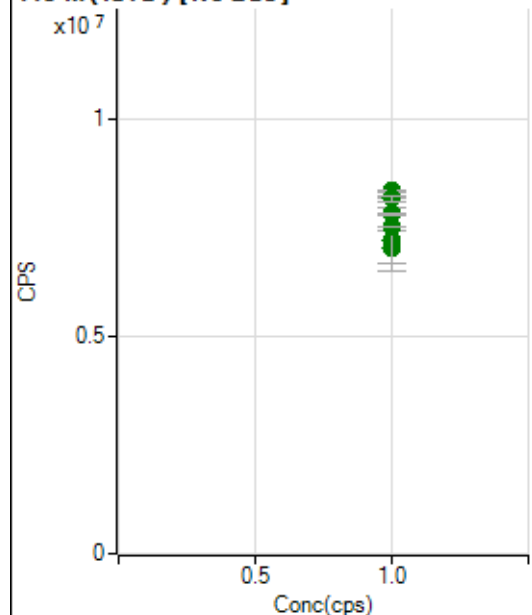
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1623805.71		A	3.8
2	☐	1.000		1582813.49		A	1.3
3	☐	1.000		1524027.60		A	1.4
4	☐	1.000		1503230.93		A	0.8
5	☐	1.000		1470851.87		A	0.3
6	☐	1.000		1439306.89		M	1.1
7	☐	1.000		1497722.65		A	1.8
8	☐	1.000		1480499.68		A	1.3

103 Rh (ISTD) [No Gas]

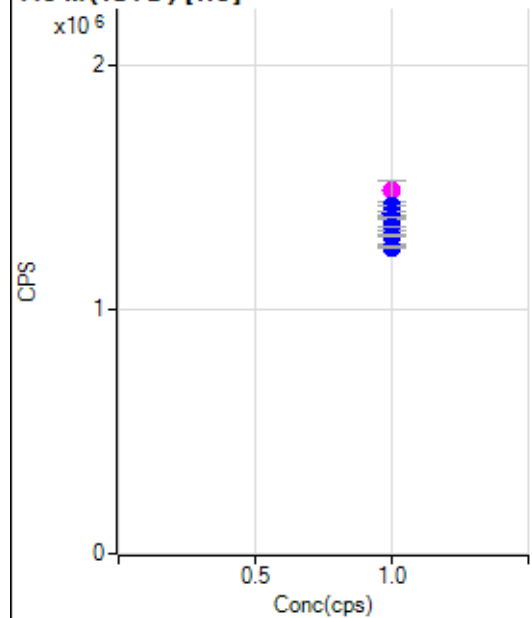
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8037328.65		A	1.0
2	☐	1.000		8021610.77		A	0.3
3	☐	1.000		7817842.10		A	1.4
4	☐	1.000		7778995.05		A	1.3
5	☐	1.000		6757778.88		A	20.1
6	☐	1.000		6591545.02		A	12.1
7	☐	1.000		7248857.89		A	1.0
8	☐	1.000		6603394.94		A	0.8

103 Rh (ISTD) [He]

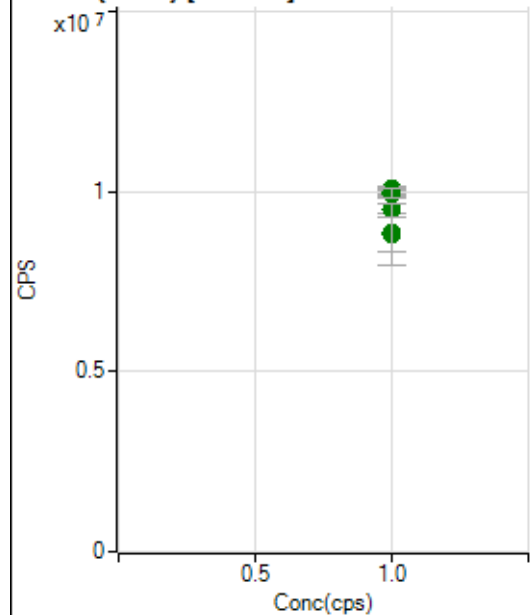
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3836714.04		A	4.0
2	☐	1.000		3710874.74		A	1.1
3	☐	1.000		3635589.29		A	1.0
4	☐	1.000		3544055.43		A	1.8
5	☐	1.000		3466354.67		A	2.8
6	☐	1.000		3336337.97		A	2.8
7	☐	1.000		3429680.40		A	0.9
8	☐	1.000		3108352.32		A	1.5

115 In (ISTD) [No Gas]

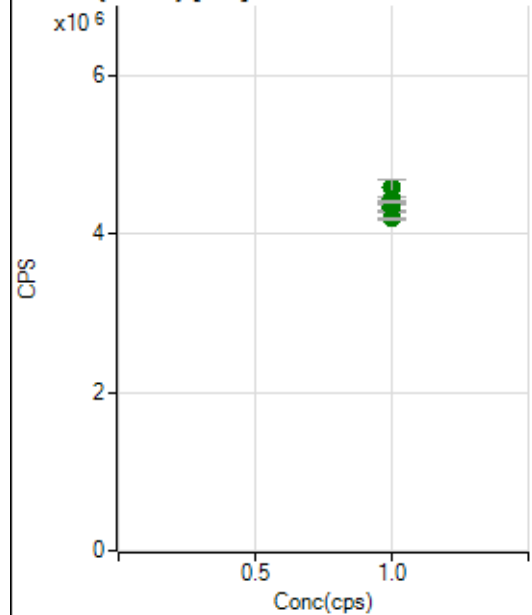
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8347401.24		A	0.7
2	☐	1.000		8360911.04		A	0.7
3	☐	1.000		8215871.31		A	0.4
4	☐	1.000		8189449.39		A	1.8
5	☐	1.000		7242513.03		A	19.8
6	☐	1.000		7057308.19		A	10.7
7	☐	1.000		7823311.06		A	0.1
8	☐	1.000		7539062.91		A	0.3

115 In (ISTD) [He]

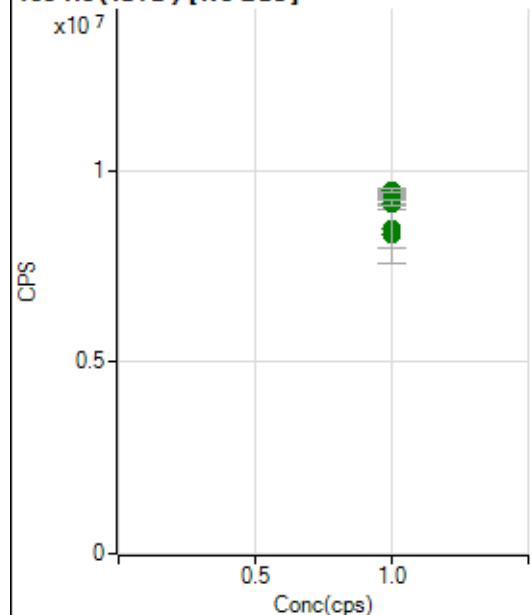
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1487820.21		M	5.7
2	☐	1.000		1426346.16		P	0.2
3	☐	1.000		1395806.60		P	0.7
4	☐	1.000		1374560.05		P	0.5
5	☐	1.000		1339387.08		P	0.3
6	☐	1.000		1298286.42		P	4.1
7	☐	1.000		1304443.62		P	0.4
8	☐	1.000		1257771.71		P	1.0

159 Tb (ISTD) [No Gas]

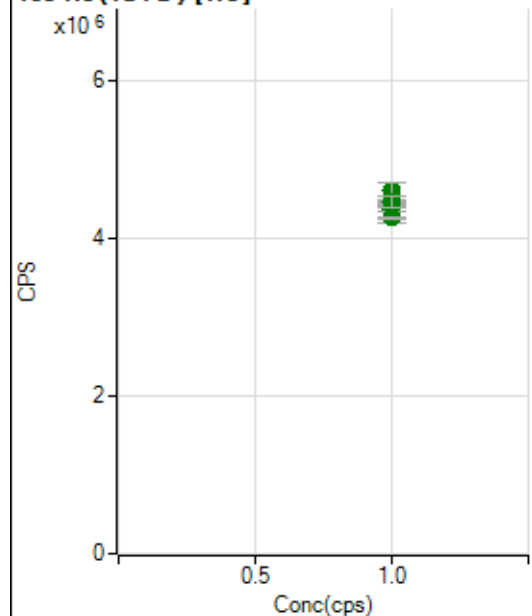
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9958725.48		A	1.4
2	☐	1.000		9991249.09		A	0.8
3	☐	1.000		9944781.59		A	1.3
4	☐	1.000		10071866.03		A	1.1
5	☐	1.000		8806340.77		A	19.0
6	☐	1.000		8859662.16		A	12.2
7	☐	1.000		9959438.60		A	2.5
8	☐	1.000		9495555.69		A	4.1

159 Tb (ISTD) [He]

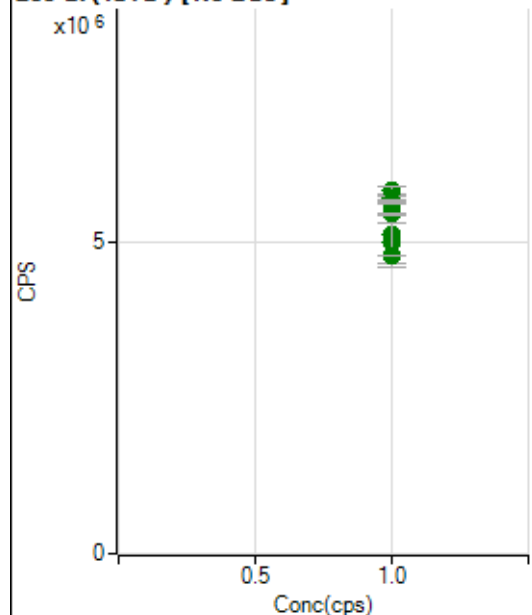
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4583820.04		A	4.5
2	☐	1.000		4442472.74		A	1.4
3	☐	1.000		4315541.81		A	2.2
4	☐	1.000		4400695.70		A	0.5
5	☐	1.000		4357805.53		A	2.7
6	☐	1.000		4331886.46		A	2.5
7	☐	1.000		4414217.88		A	0.7
8	☐	1.000		4194292.27		A	0.9

165 Ho (ISTD) [No Gas]

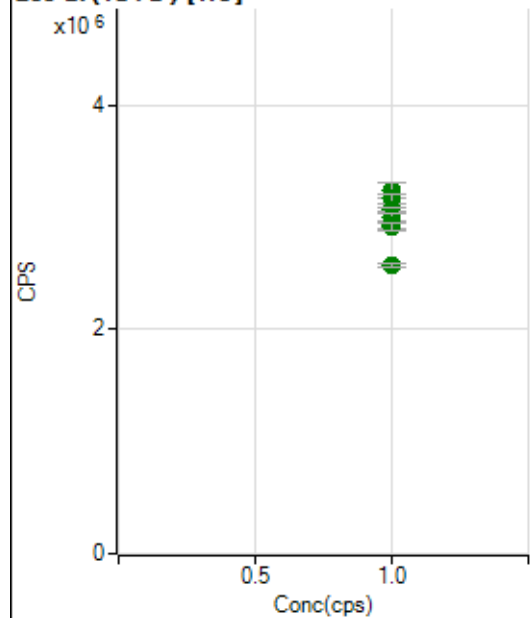
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9331164.27		A	2.0
2	☐	1.000		9340865.57		A	1.8
3	☐	1.000		9365048.99		A	0.6
4	☐	1.000		9408990.31		A	1.1
5	☐	1.000		8342219.37		A	18.8
6	☐	1.000		8477353.40		A	12.3
7	☐	1.000		9460148.65		A	1.2
8	☐	1.000		9145396.47		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4593162.50		A	4.7
2	☐	1.000		4441812.30		A	1.1
3	☐	1.000		4378688.62		A	2.0
4	☐	1.000		4407639.87		A	1.1
5	☐	1.000		4369705.28		A	2.2
6	☐	1.000		4261172.33		A	3.9
7	☐	1.000		4453196.98		A	2.9
8	☐	1.000		4258524.70		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5825544.70		A	2.3
2	☐	1.000		5702922.00		A	1.1
3	☐	1.000		5626502.34		A	0.6
4	☐	1.000		5656588.11		A	1.1
5	☐	1.000		5122570.79		A	20.4
6	☐	1.000		4996644.82		A	12.8
7	☐	1.000		5454236.24		A	0.8
8	☐	1.000		4784077.60		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3233653.11		A	4.3
2	☐	1.000		3167304.61		A	2.6
3	☐	1.000		3164939.22		A	2.9
4	☐	1.000		3066973.63		A	0.9
5	☐	1.000		3000973.36		A	2.1
6	☐	1.000		2922725.72		A	2.1
7	☐	1.000		2914361.49		A	1.9
8	☐	1.000		2577145.66		A	1.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021023 MS.b
Acq. Date-Time 2023-02-10 07:56:49
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		13027	130273.16			1.242	5.000
24		94942	949419.94			1.977	5.000
25		13221	132212.11			1.811	5.000
26		16154	161536.42			1.424	5.000
59		69367	693670.00			1.325	5.000
113		7496	74963.07			0.481	5.000
115		98203	982031.31			1.538	5.000
206		18425	184251.54			0.825	5.000
207		16476	164764.95			1.014	5.000
208		39854	398536.56			0.888	5.000
220		1	6.40			24.332	

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

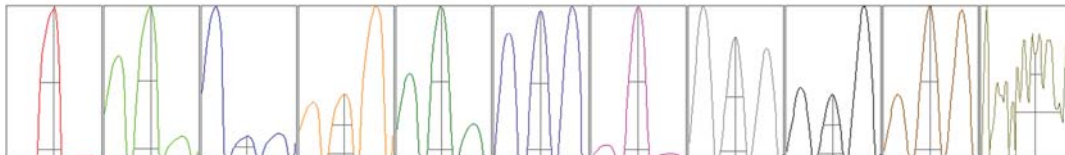
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12760	13197	13054	13041	13086
24	93118	94154	97444	96390	93605
25	13022	13188	13624	13213	13059
26	16045	16153	16546	16068	15956
59	68345	69379	68958	69315	70838
113	7439	7515	7528	7515	7483
115	99386	98869	98052	99060	95648
206	18295	18434	18287	18661	18449
207	16278	16523	16323	16621	16637
208	39326	39993	39668	40098	40183

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22620.35	9.00	8.90 - 9.10	
24	165379.69	24.00	23.90 - 24.10	
25	22190.02	24.95	24.90 - 25.10	
26	25597.82	25.95	25.90 - 26.10	
59	125989.48	58.95	58.90 - 59.10	
113	14543.28	113.00	112.90 - 113.10	
115	189201.39	115.00	114.90 - 115.10	
206	35380.07	206.00	205.90 - 206.10	
207	31935.69	207.00	206.90 - 207.10	
208	76573.39	208.00	207.90 - 208.10	
220	0.75	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.742	0.900	
24	0.62	0.786	0.900	
25	0.63	0.787	0.900	
26	0.64	0.792	0.900	
59	0.58	0.780	0.900	
113	0.54	0.765	0.900	
115	0.54	0.769	0.900	
206	0.53	0.815	0.900	
207	0.53	0.789	0.900	
208	0.53	0.817	0.900	
220	0.36	1.414		

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	9.3 V	Deflect	15.8 V
Extract 2	-155.0 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	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.9 mm
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EM

Discriminator	4.3 mV	Analog HV	2311 V	Pulse HV	1674 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		15039	150390.76			0.621	
89		18684	186835.83			0.632	
205		12554	125536.39			1.390	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	15109	15153	14966	14932	15036
89	18865	18707	18613	18682	18552
205	12402	12738	12357	12555	12716

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	9.3 V	Deflect	4.0 V
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US EPA Tune Check Report

Extract 2	-155.0 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	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.9 mm
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EM

Discriminator	4.3 mV	Analog HV	2311 V	Pulse HV	1674 V
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LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.11	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Boron	11-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.91	-0.68	1.59	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.05	0.10	0.00	N/A	ppb
Calcium	43-1	-0.40	0.51	-0.11	0.00	N/A	ppb
Calcium	44-1	-0.49	0.09	0.40	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	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	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	-0.43	0.28	0.15	0.00	N/A	ppb
Iron	56-2	0.24	-0.13	-0.11	0.00	N/A	ppb
Iron	57-2	1.46	-1.29	-0.17	0.00	N/A	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	-0.09	-0.08	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.96	-23.39	-14.08	-16.81		ppb
Potassium	39-2	12.61	-9.33	-3.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.04	0.01	0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.37	0.88	0.00	N/A	ppb
Silicon	28-1	0.00	-0.01	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	1.94	-2.40	0.47	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-144.87	-101.14	30.93	-71.69		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.06	0.06	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	0.01	-0.05	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.62	21.28	20.48	21.13	2.77	ppb
Antimony	121-1	2.07	1.95	1.94	1.98	3.85	ppb
Arsenic	75-2	1.12	1.09	1.03	1.08	4.18	ppb
Barium	135-1	9.59	9.47	9.11	9.39	2.64	ppb
Barium	137-1	9.57	9.80	9.40	9.59	2.13	ppb
Beryllium	9-1	1.06	1.04	1.06	1.05	1.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	9.97	9.79	10.12	9.96	1.62	ppb
Boron	11-1	9.92	9.93	10.24	10.03	1.77	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.11	1.05	1.07	2.82	ppb
Cadmium	106-1	-0.86	0.36	-0.80	-0.43		ppb
Cadmium	108-1	0.86	1.33	0.82	1.00	28.33	ppb
Calcium	43-1	491.62	493.27	503.44	496.11	1.29	ppb
Calcium	44-1	496.64	494.01	506.23	498.96	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.98	2.00	1.97	1.69	ppb
Cobalt	59-2	1.00	0.95	0.96	0.97	2.36	ppb
Copper	63-2	1.96	1.98	2.17	2.04	5.65	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				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	51.61	57.00	46.98	51.86	9.67	ppb
Iron	56-2	52.61	49.84	50.59	51.01	2.81	ppb
Iron	57-2	56.28	50.37	45.32	50.66	10.83	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.81	0.81	0.84	6.05	ppb
Lead	207-1	0.88	0.90	0.88	0.89	1.22	ppb
Lead	208-1	0.87	0.94	0.89	0.90	4.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	503.53	495.91	490.02	496.49	1.36	ppb
Manganese	55-2	1.04	1.07	0.96	1.02	5.35	ppb
Molybdenum	94-1	5.99	5.90	5.76	5.88	1.98	ppb
Molybdenum	95-1	4.97	5.20	4.81	4.99	3.89	ppb
Molybdenum	96-1	5.06	5.17	4.90	5.04	2.69	ppb
Molybdenum	97-1	5.12	5.02	4.96	5.03	1.56	ppb
Molybdenum	98-1	4.95	5.08	4.85	4.96	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.11	0.98	1.03	6.88	ppb
Phosphorus	31-2	17.15	3.85	29.43	16.81	76.08	ppb
Potassium	39-2	487.24	494.72	492.80	491.59	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	5.59	5.58	5.58	5.59	0.12	ppb
Selenium	77-2	10.17	4.06	6.62	6.95	44.13	ppb
Selenium	78-2	5.80	5.97	4.96	5.58	9.70	ppb
Silicon	28-1	0.64	0.49	1.06	0.73	40.12	ppb
Silver	107-1	1.03	1.08	0.98	1.03	5.28	ppb
Silver	109-1	1.10	1.07	1.05	1.07	2.02	ppb
Sodium	23-2	496.96	489.78	478.35	488.36	1.92	ppb
Strontium	86-1	1.00	0.97	0.98	0.98	1.67	ppb
Strontium	88-1	1.02	0.93	0.96	0.97	4.79	ppb
Sulfur	34-1	-69.44	-76.90	361.42	71.69	350.01	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.90	0.99	0.97	0.95	4.79	ppb
Thallium	205-1	0.88	0.87	0.89	0.88	1.19	ppb
Tin	118-1	4.87	5.04	4.88	4.93	1.98	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.65	4.66	4.70	1.77	ppb
Uranium	238-1	0.85	0.82	0.88	0.85	3.80	ppb
Vanadium	51-2	4.73	4.61	4.78	4.71	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2.34	1.73	2.26	2.11	15.84	ppb
Zirconium	90-1	0.89	0.88	0.87	0.88	1.28	ppb
Zirconium	91-1	0.96	0.91	0.99	0.96	4.33	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1049.99	1036.13	1001.50	1029.21	2.43	ppb
Antimony	121-1	51.55	50.52	51.05	51.04	1.01	ppb
Arsenic	75-2	52.55	51.23	51.51	51.76	1.35	ppb
Barium	135-1	249.13	242.97	249.90	247.33	1.54	ppb
Barium	137-1	253.23	243.85	249.90	248.99	1.91	ppb
Beryllium	9-1	51.95	51.12	50.94	51.34	1.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	42.69	43.50	43.60	43.26	1.15	ppb
Boron	11-1	42.62	43.62	43.73	43.32	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	54.24	52.73	53.42	53.46	1.41	ppb
Cadmium	106-1	53.06	49.45	52.69	51.73	3.84	ppb
Cadmium	108-1	54.02	52.96	56.30	54.43	3.14	ppb
Calcium	43-1	5830.81	5792.63	5848.65	5824.03	0.49	ppb
Calcium	44-1	5672.27	5480.65	5570.80	5574.57	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.32	48.78	47.27	48.79	3.12	ppb
Cobalt	59-2	50.61	50.19	49.36	50.06	1.27	ppb
Copper	63-2	515.45	514.97	517.00	515.81	0.21	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				100		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	2745.49	2640.80	2655.12	2680.47	2.12	ppb
Iron	56-2	2809.13	2703.13	2732.37	2748.21	1.99	ppb
Iron	57-2	2661.63	2712.43	2658.82	2677.62	1.13	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	227.93	237.21	229.06	231.40	2.19	ppb
Lead	207-1	230.84	237.37	231.33	233.18	1.56	ppb
Lead	208-1	250.48	255.82	243.85	250.05	2.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	5339.38	5253.26	5323.69	5305.44	0.86	ppb
Manganese	55-2	503.09	503.98	490.25	499.11	1.54	ppb
Molybdenum	94-1	515.67	505.92	514.09	511.89	1.02	ppb
Molybdenum	95-1	511.52	502.89	495.72	503.38	1.57	ppb
Molybdenum	96-1	499.27	492.20	516.38	502.61	2.47	ppb
Molybdenum	97-1	514.04	500.31	520.93	511.76	2.05	ppb
Molybdenum	98-1	499.19	500.59	502.41	500.73	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.73	52.08	50.93	51.91	1.76	ppb
Phosphorus	31-2	1058.83	904.57	1032.78	998.73	8.27	ppb
Potassium	39-2	2548.44	2554.16	2477.72	2526.77	1.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	54.18	53.11	53.98	53.76	1.05	ppb
Selenium	77-2	55.35	50.61	51.07	52.34	5.00	ppb
Selenium	78-2	52.76	54.74	53.12	53.54	1.97	ppb
Silicon	28-1	38.09	37.06	38.30	37.82	1.75	ppb
Silver	107-1	52.98	52.64	53.39	53.00	0.71	ppb
Silver	109-1	53.89	53.45	53.25	53.53	0.61	ppb
Sodium	23-2	5207.19	5209.17	5047.99	5154.78	1.79	ppb
Strontium	86-1	1318.47	1265.88	1264.93	1283.09	2.39	ppb
Strontium	88-1	1289.19	1214.80	1238.22	1247.40	3.05	ppb
Sulfur	34-1	1242.21	1056.02	1228.98	1175.74	8.84	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	48.15	46.09	46.79	47.01	2.23	ppb
Thallium	205-1	48.12	48.73	46.58	47.81	2.32	ppb
Tin	118-1	52.09	50.93	52.02	51.68	1.26	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	511.65	502.17	504.59	506.14	0.97	ppb
Uranium	238-1	46.28	46.08	44.34	45.57	2.34	ppb
Vanadium	51-2	49.06	47.84	47.26	48.05	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	522.10	524.89	521.39	522.79	0.35	ppb
Zirconium	90-1	50.17	48.25	49.31	49.24	1.95	ppb
Zirconium	91-1	49.88	48.17	50.04	49.36	2.10	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2642.65	2518.59	2619.57	2593.60	2.54	ppb
Antimony	121-1	125.39	121.86	122.56	123.27	1.52	ppb
Arsenic	75-2	131.74	129.53	128.62	129.96	1.23	ppb
Barium	135-1	611.85	606.68	589.42	602.65	1.95	ppb
Barium	137-1	605.87	609.36	596.64	603.96	1.09	ppb
Beryllium	9-1	129.32	128.43	127.72	128.49	0.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	105.91	107.03	110.82	107.92	2.39	ppb
Boron	11-1	106.79	109.26	111.48	109.18	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	132.23	128.83	127.39	129.48	1.92	ppb
Cadmium	106-1	129.46	127.83	121.81	126.37	3.19	ppb
Cadmium	108-1	129.48	128.17	126.06	127.90	1.35	ppb
Calcium	43-1	14367.09	14558.29	14633.49	14519.62	0.95	ppb
Calcium	44-1	13512.13	13529.78	13817.70	13619.87	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.03	119.65	121.24	121.64	1.82	ppb
Cobalt	59-2	127.55	123.34	124.62	125.17	1.72	ppb
Copper	63-2	1319.87	1272.93	1326.31	1306.37	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	6794.55	6426.86	6605.30	6608.90	2.78	ppb
Iron	56-2	6574.57	6861.85	6747.58	6728.00	2.15	ppb
Iron	57-2	6694.71	6695.47	6544.64	6644.94	1.31	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	607.59	605.93	603.65	605.72	0.33	ppb
Lead	207-1	611.90	596.26	604.83	604.33	1.30	ppb
Lead	208-1	625.43	590.64	602.60	606.22	2.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	13648.67	13637.65	13312.20	13532.84	1.41	ppb
Manganese	55-2	1265.28	1236.64	1232.35	1244.76	1.44	ppb
Molybdenum	94-1	1234.56	1238.14	1256.23	1242.98	0.93	ppb
Molybdenum	95-1	1238.64	1246.66	1238.02	1241.10	0.39	ppb
Molybdenum	96-1	1231.15	1237.87	1216.64	1228.56	0.88	ppb
Molybdenum	97-1	1256.35	1232.18	1244.16	1244.23	0.97	ppb
Molybdenum	98-1	1206.87	1210.36	1218.59	1211.94	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.11	126.87	129.35	129.45	2.03	ppb
Phosphorus	31-2	2721.82	2468.58	2619.47	2603.29	4.89	ppb
Potassium	39-2	6422.71	6356.89	6324.09	6367.90	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	130.31	130.94	128.42	129.89	1.01	ppb
Selenium	77-2	129.86	135.83	124.91	130.20	4.20	ppb
Selenium	78-2	135.91	133.27	136.49	135.22	1.27	ppb
Silicon	28-1	93.19	95.04	97.63	95.29	2.34	ppb
Silver	107-1	128.89	127.40	128.73	128.34	0.64	ppb
Silver	109-1	130.30	129.33	127.39	129.01	1.15	ppb
Sodium	23-2	13120.66	12779.40	12795.73	12898.60	1.49	ppb
Strontium	86-1	3042.51	3059.01	3019.36	3040.30	0.66	ppb
Strontium	88-1	3072.21	3081.47	3010.66	3054.78	1.26	ppb
Sulfur	34-1	2777.66	2873.07	3057.05	2902.59	4.89	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	116.42	118.43	116.06	116.97	1.09	ppb
Thallium	205-1	122.58	119.09	120.36	120.68	1.46	ppb
Tin	118-1	124.60	123.99	123.38	123.99	0.49	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1239.36	1224.65	1255.24	1239.75	1.23	ppb
Uranium	238-1	121.02	114.52	114.07	116.54	3.34	ppb
Vanadium	51-2	123.59	119.96	119.68	121.08	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1349.54	1280.80	1310.50	1313.61	2.62	ppb
Zirconium	90-1	123.57	122.08	121.01	122.22	1.05	ppb
Zirconium	91-1	122.20	122.62	123.39	122.74	0.49	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5404.55	5216.21	5097.12	5239.29	2.96	ppb
Antimony	121-1	377.94	258.15	254.82	296.97	23.62	ppb
Arsenic	75-2	264.32	262.29	259.78	262.13	0.87	ppb
Barium	135-1	1855.04	1283.07	1233.44	1457.18	23.71	ppb
Barium	137-1	1819.70	1291.73	1253.40	1454.94	21.75	ppb
Beryllium	9-1	365.23	257.12	242.59	288.31	23.24	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Boron	10-1	306.02	225.32	215.26	248.87	19.99	ppb
Boron	11-1	286.92	208.15	200.14	231.74	20.70	ppb
Bromine	81-1						cps
Cadmium	111-1	384.89	263.26	261.38	303.18	23.34	ppb
Cadmium	106-1	383.28	258.45	256.19	299.31	24.30	ppb
Cadmium	108-1	390.94	266.07	261.74	306.25	23.96	ppb
Calcium	43-1	44375.99	30595.74	29129.87	34700.53	24.24	ppb
Calcium	44-1	40924.13	29263.02	26515.42	32234.19	23.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.77	247.20	238.27	246.74	3.35	ppb
Cobalt	59-2	259.90	249.70	242.86	250.82	3.42	ppb
Copper	63-2	2642.85	2530.04	2546.88	2573.26	2.37	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				89		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	54-2	13956.22	13313.92	13258.99	13509.71	2.87	ppb
Iron	56-2	14015.60	13335.15	13193.76	13514.84	3.25	ppb
Iron	57-2	13868.94	13164.23	12818.20	13283.79	4.03	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1845.23	1284.51	1195.06	1441.60	24.45	ppb
Lead	207-1	1804.78	1255.33	1163.52	1407.88	24.63	ppb
Lead	208-1	1783.49	1199.23	1190.85	1391.19	24.42	ppb
Lithium	6-1				93		%
Magnesium	24-2	27714.14	26711.35	26177.51	26867.67	2.90	ppb
Manganese	55-2	2640.92	2503.34	2503.55	2549.27	3.11	ppb
Molybdenum	94-1	3716.10	2567.56	2500.64	2928.10	23.33	ppb
Molybdenum	95-1	3801.24	2522.44	2521.96	2948.55	25.04	ppb
Molybdenum	96-1	3716.79	2581.98	2505.94	2934.91	23.11	ppb
Molybdenum	97-1	3768.91	2575.12	2553.76	2965.93	23.45	ppb
Molybdenum	98-1	3773.03	2565.31	2497.76	2945.36	24.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.93	255.91	257.25	260.70	2.75	ppb
Phosphorus	31-2	5201.61	5181.30	4810.54	5064.48	4.35	ppb
Potassium	39-2	13037.12	13242.20	12872.66	13050.66	1.42	ppb
Rhodium	103-1				84		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	82-1	394.38	266.15	260.28	306.94	24.69	ppb
Selenium	77-2	279.38	280.09	246.32	268.60	7.18	ppb
Selenium	78-2	270.18	271.20	269.82	270.40	0.26	ppb
Silicon	28-1	298.37	202.25	192.44	231.02	25.34	ppb
Silver	107-1	388.79	276.65	266.55	310.66	21.84	ppb
Silver	109-1	390.01	266.66	262.06	306.25	23.70	ppb
Sodium	23-2	26740.12	26203.32	25385.24	26109.56	2.61	ppb
Strontium	86-1	9320.64	6392.70	6130.23	7281.19	24.32	ppb
Strontium	88-1	9459.90	6236.67	6120.07	7272.21	26.06	ppb
Sulfur	34-1	12703.94	6501.09	5695.51	8300.18	46.20	ppb
Terbium	159-1				88		%
Terbium	159-2				95		%
Thallium	203-1	350.86	239.94	233.76	274.85	23.98	ppb
Thallium	205-1	365.77	254.03	237.29	285.69	24.45	ppb
Tin	118-1	382.35	261.24	253.49	299.02	24.17	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3803.84	2555.42	2442.32	2933.86	25.75	ppb
Uranium	238-1	350.28	239.95	228.48	272.90	24.64	ppb
Vanadium	51-2	251.90	243.36	239.96	245.07	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				91		%
Zinc	66-2	2682.42	2546.74	2556.47	2595.21	2.92	ppb
Zirconium	90-1	371.79	252.39	247.06	290.41	24.29	ppb
Zirconium	91-1	372.89	255.70	245.86	291.48	24.25	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10832.91	10052.90	10807.64	10564.48	4.20	ppb
Antimony	121-1	642.65	519.25	508.25	556.72	13.40	ppb
Arsenic	75-2	523.66	514.15	521.47	519.76	0.96	ppb
Barium	135-1	3173.26	2573.37	2578.72	2775.12	12.43	ppb
Barium	137-1	3170.07	2539.94	2534.48	2748.16	13.30	ppb
Beryllium	9-1	628.91	528.89	501.48	553.09	12.13	ppb
Bismuth	209-1				86		%
Bismuth	209-2				90		%
Boron	10-1	549.33	474.14	452.21	491.89	10.36	ppb
Boron	11-1	496.86	431.09	415.84	447.93	9.61	ppb
Bromine	81-1						cps
Cadmium	111-1	661.71	525.83	515.87	567.80	14.35	ppb
Cadmium	106-1	636.10	520.70	498.76	551.85	13.37	ppb
Cadmium	108-1	654.35	528.30	509.64	564.10	13.95	ppb
Calcium	43-1	77017.44	63893.74	59839.68	66916.95	13.42	ppb
Calcium	44-1	70153.33	56728.78	54722.17	60534.76	13.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.57	485.54	510.85	501.99	2.84	ppb
Cobalt	59-2	524.33	494.77	526.14	515.08	3.42	ppb
Copper	63-2	5190.41	4990.95	5171.17	5117.51	2.15	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				91		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	54-2	28483.04	27846.81	28105.35	28145.07	1.14	ppb
Iron	56-2	27662.78	26867.49	28814.25	27781.51	3.52	ppb
Iron	57-2	27160.34	26390.71	27313.08	26954.71	1.83	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3086.67	2636.59	2405.84	2709.70	12.78	ppb
Lead	207-1	3095.29	2634.19	2397.43	2708.97	13.10	ppb
Lead	208-1	3173.53	2607.75	2380.13	2720.47	15.02	ppb
Lithium	6-1				90		%
Magnesium	24-2	55533.45	53081.05	55499.16	54704.55	2.57	ppb
Manganese	55-2	5240.61	4991.34	5334.59	5188.85	3.42	ppb
Molybdenum	94-1	6506.10	5206.03	4869.98	5527.37	15.63	ppb
Molybdenum	95-1	6408.13	5221.25	4995.00	5541.46	13.70	ppb
Molybdenum	96-1	6535.60	5253.88	5047.51	5612.33	14.36	ppb
Molybdenum	97-1	6478.17	5206.70	4990.03	5558.30	14.46	ppb
Molybdenum	98-1	6350.76	5194.19	4902.07	5482.34	13.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.83	506.45	533.04	521.77	2.63	ppb
Phosphorus	31-2	10508.95	9804.75	10563.00	10292.23	4.11	ppb
Potassium	39-2	25555.04	25061.21	27756.37	26124.21	5.49	ppb
Rhodium	103-1				82		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	652.44	534.64	507.29	564.79	13.66	ppb
Selenium	77-2	511.22	513.67	507.34	510.74	0.63	ppb
Selenium	78-2	534.79	523.73	533.06	530.52	1.12	ppb
Silicon	28-1	477.79	408.30	370.51	418.87	12.99	ppb
Silver	107-1	654.59	526.77	503.75	561.70	14.47	ppb
Silver	109-1	653.67	534.76	507.30	565.24	13.76	ppb
Sodium	23-2	53875.39	51055.04	53719.33	52883.25	3.00	ppb
Strontium	86-1	16271.49	13080.23	12167.93	13839.89	15.57	ppb
Strontium	88-1	16078.39	13202.45	12561.12	13947.32	13.43	ppb
Sulfur	34-1	17030.98	13201.82	11634.10	13955.63	19.89	ppb
Terbium	159-1				89		%
Terbium	159-2				95		%
Thallium	203-1	639.17	525.63	487.61	550.80	14.32	ppb
Thallium	205-1	620.05	524.30	477.66	540.67	13.43	ppb
Tin	118-1	662.45	525.95	510.44	566.28	14.77	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6340.91	5188.41	4849.09	5459.47	14.32	ppb
Uranium	238-1	617.40	515.29	471.95	534.88	13.96	ppb
Vanadium	51-2	511.81	483.39	516.74	503.98	3.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	5365.54	4995.03	5329.41	5229.99	3.91	ppb
Zirconium	90-1	631.49	522.38	495.43	549.77	13.10	ppb
Zirconium	91-1	639.74	520.30	496.97	552.34	13.87	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21218.60	20591.45	20631.41	20813.82	1.69	ppb
Antimony	121-1	974.72	934.61	970.87	960.06	2.31	ppb
Arsenic	75-2	1025.40	973.11	960.62	986.38	3.48	ppb
Barium	135-1	4909.97	4641.61	4889.14	4813.57	3.10	ppb
Barium	137-1	4987.92	4707.22	4786.95	4827.36	3.00	ppb
Beryllium	9-1	975.71	977.05	937.36	963.37	2.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	988.83	1031.63	1001.09	1007.18	2.19	ppb
Boron	11-1	1014.30	1077.30	1008.26	1033.29	3.70	ppb
Bromine	81-1						cps
Cadmium	111-1	959.47	930.49	966.25	952.07	1.99	ppb
Cadmium	106-1	977.58	931.88	975.01	961.49	2.67	ppb
Cadmium	108-1	971.86	932.69	955.37	953.30	2.06	ppb
Calcium	43-1	116632.76	119563.53	113064.58	116420.29	2.80	ppb
Calcium	44-1	106596.43	112381.76	105228.48	108068.89	3.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1015.35	1010.15	975.40	1000.30	2.17	ppb
Cobalt	59-2	999.63	994.47	982.60	992.23	0.88	ppb
Copper	63-2	9921.03	10068.18	9756.08	9915.10	1.57	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				101		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	54-2	55674.83	53564.16	53544.13	54261.04	2.26	ppb
Iron	56-2	54290.73	53575.06	52322.84	53396.21	1.87	ppb
Iron	57-2	55688.99	54267.71	53502.71	54486.47	2.04	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4803.59	4794.17	4954.00	4850.59	1.85	ppb
Lead	207-1	4910.46	4783.62	4884.34	4859.47	1.38	ppb
Lead	208-1	4925.45	4817.13	4827.85	4856.81	1.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	105184.56	103102.30	104166.25	104151.04	1.00	ppb
Manganese	55-2	10099.78	9845.85	9736.24	9893.96	1.88	ppb
Molybdenum	94-1	9785.70	9516.68	9586.34	9629.57	1.45	ppb
Molybdenum	95-1	9715.98	9602.05	9536.20	9618.08	0.95	ppb
Molybdenum	96-1	9638.67	9642.09	9482.21	9587.66	0.95	ppb
Molybdenum	97-1	9825.54	9583.71	9404.26	9604.50	2.20	ppb
Molybdenum	98-1	9723.03	9770.28	9463.32	9652.21	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.91	978.23	971.22	985.79	1.98	ppb
Phosphorus	31-2	20253.57	19527.23	19693.95	19824.92	1.92	ppb
Potassium	39-2	50963.46	48550.74	49748.98	49754.39	2.42	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	962.30	965.44	929.97	952.57	2.06	ppb
Selenium	77-2	1021.40	960.34	985.86	989.20	3.10	ppb
Selenium	78-2	1011.47	959.73	963.34	978.18	2.95	ppb
Silicon	28-1	1038.23	1066.67	1044.28	1049.73	1.43	ppb
Silver	107-1	953.49	940.97	965.79	953.42	1.30	ppb
Silver	109-1	972.62	930.39	954.91	952.64	2.23	ppb
Sodium	23-2	105718.68	100787.00	102070.77	102858.82	2.49	ppb
Strontium	86-1	24064.47	24787.29	23347.42	24066.40	2.99	ppb
Strontium	88-1	24009.34	24184.07	23848.61	24014.01	0.70	ppb
Sulfur	34-1	16623.08	17431.66	17359.34	17138.03	2.61	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	966.12	948.98	993.51	969.54	2.32	ppb
Thallium	205-1	978.89	970.34	964.94	971.39	0.72	ppb
Tin	118-1	992.21	912.51	959.22	954.65	4.19	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9627.56	9784.94	9575.83	9662.77	1.13	ppb
Uranium	238-1	972.32	992.44	969.59	978.11	1.28	ppb
Vanadium	51-2	1017.09	994.01	988.39	999.83	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	10004.68	9765.51	9786.14	9852.11	1.35	ppb
Zirconium	90-1	965.03	965.12	966.05	965.40	0.06	ppb
Zirconium	91-1	960.06	961.51	969.76	963.78	0.54	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100609.27	98260.03	100429.27	99766.19	1.31	ppb
Antimony	121-1	0.64	0.72	0.85	0.74	13.77	ppb
Arsenic	75-2	0.30	0.31	0.27	0.29	7.86	ppb
Barium	135-1	2.88	3.08	2.94	2.96	3.45	ppb
Barium	137-1	2.67	2.64	3.22	2.84	11.37	ppb
Beryllium	9-1	0.23	0.20	0.23	0.22	8.81	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	49.72	44.16	42.11	45.33	8.69	ppb
Boron	11-1	48.71	44.63	42.72	45.35	6.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.40	0.44	0.37	20.59	ppb
Cadmium	106-1	-3.86	1.32	0.80	-0.58		ppb
Cadmium	108-1	0.22	0.37	0.51	0.37	39.40	ppb
Calcium	43-1	487506.97	490160.26	505774.25	494480.49	2.00	ppb
Calcium	44-1	505101.90	479570.16	506139.82	496937.29	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.09	8.40	8.54	8.67	4.18	ppb
Cobalt	59-2	0.84	0.92	0.93	0.89	5.51	ppb
Copper	63-2	3.24	3.06	3.26	3.19	3.52	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				98		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	54-2	254076.13	245423.96	246815.98	248772.02	1.87	ppb
Iron	56-2	254504.20	248302.42	244125.68	248977.43	2.10	ppb
Iron	57-2	249153.50	249461.56	247954.12	248856.40	0.32	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.32	1.20	1.49	1.34	10.78	ppb
Lead	207-1	1.33	1.25	1.41	1.33	6.09	ppb
Lead	208-1	1.24	1.24	1.36	1.28	5.09	ppb
Lithium	6-1				94		%
Magnesium	24-2	510904.41	487406.94	497419.89	498577.08	2.37	ppb
Manganese	55-2	10.33	10.42	10.82	10.52	2.46	ppb
Molybdenum	94-1	3.68	3.20	3.97	3.62	10.76	ppb
Molybdenum	95-1	3.12	2.91	3.24	3.09	5.37	ppb
Molybdenum	96-1	7.50	7.30	7.60	7.47	2.01	ppb
Molybdenum	97-1	3.19	3.08	3.26	3.18	2.91	ppb
Molybdenum	98-1	3.08	2.78	3.36	3.07	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.34	3.11	3.26	4.14	ppb
Phosphorus	31-2	-6.88	-4.55	-11.66	-7.70		ppb
Potassium	39-2	257982.81	246976.25	244758.85	249905.97	2.83	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	1.90	1.73	1.54	1.72	10.46	ppb
Selenium	77-2	2.17	1.45	1.42	1.68	25.53	ppb
Selenium	78-2	0.42	-0.11	0.11	0.14	188.47	ppb
Silicon	28-1	2.75	3.55	3.79	3.37	16.14	ppb
Silver	107-1	0.60	0.68	0.66	0.65	6.26	ppb
Silver	109-1	0.58	0.63	0.68	0.63	8.27	ppb
Sodium	23-2	511834.07	498982.22	486402.50	499072.93	2.55	ppb
Strontium	86-1	7.41	7.35	8.65	7.80	9.39	ppb
Strontium	88-1	7.51	7.35	8.32	7.73	6.73	ppb
Sulfur	34-1	-517.32	-571.38	-91.39	-393.36		ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.30	0.27	0.33	0.30	10.53	ppb
Thallium	205-1	0.30	0.27	0.31	0.30	7.02	ppb
Tin	118-1	1.03	1.17	1.14	1.11	6.48	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.49	2.02	2.97	2.49	19.17	ppb
Uranium	238-1	0.09	0.10	0.14	0.11	24.61	ppb
Vanadium	51-2	0.29	0.36	0.31	0.32	12.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	10.09	9.66	9.29	9.68	4.15	ppb
Zirconium	90-1	0.25	0.24	0.29	0.26	10.20	ppb
Zirconium	91-1	0.28	0.28	0.23	0.27	10.29	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.97	501.74	499.38	505.69	1.77	ppb
Antimony	121-1	197.40	198.60	192.28	196.10	1.71	ppb
Arsenic	75-2	209.14	212.25	198.19	206.53	3.58	ppb
Barium	135-1	98.24	94.56	95.26	96.02	2.04	ppb
Barium	137-1	97.92	96.92	96.41	97.08	0.79	ppb
Beryllium	9-1	100.18	103.05	101.39	101.54	1.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	0.49	0.57	0.63	0.56	11.97	ppb
Boron	11-1	0.50	0.57	0.57	0.55	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	105.40	106.31	102.84	104.85	1.71	ppb
Cadmium	106-1	80.79	80.04	79.55	80.13	0.77	ppb
Cadmium	108-1	89.35	88.78	86.22	88.12	1.90	ppb
Calcium	43-1	1956.82	1948.36	1911.64	1938.94	1.24	ppb
Calcium	44-1	1948.36	1942.17	1914.08	1934.87	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.44	96.24	95.21	96.63	1.70	ppb
Cobalt	59-2	100.60	99.23	98.27	99.37	1.18	ppb
Copper	63-2	100.09	98.84	97.30	98.74	1.41	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				102		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	2100.45	2041.63	2059.63	2067.24	1.46	ppb
Iron	56-2	2101.37	2111.90	2022.64	2078.64	2.35	ppb
Iron	57-2	2035.61	2014.96	1986.32	2012.30	1.23	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	177.55	176.34	173.72	175.87	1.11	ppb
Lead	207-1	169.74	167.26	169.13	168.71	0.77	ppb
Lead	208-1	181.38	177.30	181.86	180.18	1.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	1182.88	1164.70	1152.26	1166.61	1.32	ppb
Manganese	55-2	100.09	98.45	95.96	98.17	2.12	ppb
Molybdenum	94-1	0.06	0.07	0.05	0.06	19.11	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	18.88	ppb
Molybdenum	96-1	0.08	0.10	0.05	0.08	29.27	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	40.48	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	13.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.49	104.82	103.70	104.67	0.86	ppb
Phosphorus	31-2	3.99	-17.98	-17.86	-10.62		ppb
Potassium	39-2	1998.77	1933.03	1902.54	1944.78	2.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	218.93	216.89	211.16	215.66	1.87	ppb
Selenium	77-2	235.97	238.29	216.00	230.09	5.33	ppb
Selenium	78-2	226.30	218.69	208.16	217.71	4.18	ppb
Silicon	28-1	-0.38	-0.38	-0.35	-0.37		ppb
Silver	107-1	50.12	50.75	48.51	49.79	2.31	ppb
Silver	109-1	50.74	49.99	49.01	49.91	1.73	ppb
Sodium	23-2	1977.52	1947.88	1927.48	1950.96	1.29	ppb
Strontium	86-1	0.31	0.26	0.20	0.26	22.17	ppb
Strontium	88-1	0.22	0.25	0.24	0.24	6.61	ppb
Sulfur	34-1	258.49	74.05	92.44	141.66	71.72	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	179.71	179.25	183.40	180.79	1.26	ppb
Thallium	205-1	190.95	192.81	186.18	189.98	1.80	ppb
Tin	118-1	0.05	0.02	0.03	0.03	47.59	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.00	0.02	0.00	959.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	95.16	94.22	94.69	94.69	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	203.26	202.39	195.87	200.51	2.02	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	113.11	ppb
Zirconium	91-1	0.11	0.09	0.08	0.09	17.21	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.25	22.16	22.91	22.44	1.83	ppb
Antimony	121-1	1.98	2.16	1.97	2.04	5.42	ppb
Arsenic	75-2	1.22	1.15	0.95	1.11	12.58	ppb
Barium	135-1	9.36	10.24	9.81	9.80	4.47	ppb
Barium	137-1	9.50	10.21	9.79	9.83	3.67	ppb
Beryllium	9-1	1.14	1.07	1.07	1.09	3.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	9.27	9.77	10.05	9.70	4.05	ppb
Boron	11-1	9.18	9.86	10.25	9.76	5.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.02	1.12	1.02	9.55	ppb
Cadmium	106-1	-4.29	-2.71	-2.74	-3.25		ppb
Cadmium	108-1	0.81	0.76	0.88	0.82	6.93	ppb
Calcium	43-1	522.59	484.52	494.41	500.51	3.95	ppb
Calcium	44-1	503.52	486.54	484.36	491.47	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.93	1.95	1.92	1.64	ppb
Cobalt	59-2	1.02	0.96	1.03	1.01	3.75	ppb
Copper	63-2	2.08	2.01	2.05	2.05	1.82	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				101		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	52.83	52.13	53.92	52.96	1.70	ppb
Iron	56-2	51.44	51.38	51.42	51.41	0.05	ppb
Iron	57-2	49.37	46.35	47.76	47.83	3.15	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.82	0.84	0.88	10.30	ppb
Lead	207-1	0.87	0.93	0.79	0.86	7.61	ppb
Lead	208-1	0.92	0.91	0.86	0.90	3.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	497.37	501.64	509.25	502.75	1.20	ppb
Manganese	55-2	1.03	1.20	1.07	1.10	8.04	ppb
Molybdenum	94-1	6.15	5.81	5.78	5.91	3.42	ppb
Molybdenum	95-1	4.60	4.76	4.77	4.71	2.06	ppb
Molybdenum	96-1	4.99	4.99	5.00	4.99	0.13	ppb
Molybdenum	97-1	5.07	4.91	5.37	5.11	4.53	ppb
Molybdenum	98-1	4.75	4.93	4.93	4.87	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.06	1.03	1.03	2.94	ppb
Phosphorus	31-2	19.01	25.77	4.63	16.47	65.54	ppb
Potassium	39-2	512.97	505.60	501.22	506.60	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	4.88	4.87	5.29	5.01	4.77	ppb
Selenium	77-2	4.04	2.82	8.17	5.01	56.00	ppb
Selenium	78-2	3.98	4.76	5.85	4.86	19.32	ppb
Silicon	28-1	0.48	0.19	0.36	0.34	41.99	ppb
Silver	107-1	1.09	1.09	1.01	1.07	4.41	ppb
Silver	109-1	1.02	1.06	1.09	1.06	3.03	ppb
Sodium	23-2	496.29	504.52	492.15	497.65	1.27	ppb
Strontium	86-1	1.29	1.00	0.94	1.08	17.76	ppb
Strontium	88-1	1.34	1.00	0.97	1.10	18.50	ppb
Sulfur	34-1	183.70	14.94	113.50	104.05	81.48	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1.02	0.92	0.85	0.93	9.01	ppb
Thallium	205-1	0.93	0.89	0.89	0.90	2.41	ppb
Tin	118-1	4.91	5.05	4.88	4.95	1.80	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.92	4.87	5.01	4.94	1.43	ppb
Uranium	238-1	0.88	0.85	0.84	0.85	2.51	ppb
Vanadium	51-2	4.90	4.55	4.73	4.73	3.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	2.06	2.44	2.46	2.32	9.68	ppb
Zirconium	90-1	0.91	0.85	0.92	0.89	4.62	ppb
Zirconium	91-1	0.95	0.97	0.87	0.93	5.64	ppb

LB Number : LB124028 Operator : Jaswal
 Lab Sample ID : ICB23 Instrumnet Name : P8
 Client Sample ID : ICB23 Dilution Factor : 1
 Date & Time Acquired : 2023-02-10 10:54:36 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.31	-0.02	-0.14		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	92.44	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	47.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	0.31	0.35	0.38	0.35	9.23	ppb
Boron	11-1	0.35	0.36	0.33	0.35	5.29	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.04	-0.10	-0.05		ppb
Cadmium	106-1	-1.46	-2.44	-4.51	-2.80		ppb
Cadmium	108-1	-0.05	-0.11	-0.08	-0.08		ppb
Calcium	43-1	-1.89	-1.59	-0.19	-1.23		ppb
Calcium	44-1	-6.92	-6.75	-6.04	-6.57		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.01	0.01	238.83	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.00	0.00	-0.04	-0.01		ppb
Dysprosium	156-1						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				94		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	-0.62	-0.85	-0.92	-0.80		ppb
Iron	56-2	-0.12	-0.18	-0.28	-0.19		ppb
Iron	57-2	-1.01	-2.35	-2.47	-1.95		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICB23	Instrumnet Name :	P8
Client Sample ID :	ICB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:54:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.02	0.00	0.02	0.02	64.68	ppb
Lead	208-1	0.01	0.01	0.03	0.02	63.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.04	-0.42	0.25	-0.05		ppb
Manganese	55-2	-0.01	-0.03	-0.03	-0.02		ppb
Molybdenum	94-1	0.01	-0.02	0.02	0.00	897.06	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	476.86	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	91.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-8.88	-6.81	-13.21	-9.63		ppb
Potassium	39-2	7.89	7.99	7.36	7.75	4.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	-0.37	-0.32	0.00	-0.23		ppb
Selenium	77-2	0.00	0.67	0.00	0.22	173.21	ppb
Selenium	78-2	-0.30	-1.21	0.75	-0.25		ppb
Silicon	28-1	-0.52	-0.44	-0.47	-0.48		ppb
Silver	107-1	-0.02	-0.03	-0.03	-0.03		ppb
Silver	109-1	-0.02	-0.03	-0.02	-0.03		ppb
Sodium	23-2	-1.39	-1.07	-2.79	-1.75		ppb
Strontium	86-1	0.01	-0.03	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	211.41	252.76	336.00	266.73	23.79	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	-0.01	0.00	1105.63	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICB23	Instrumnet Name :	P8
Client Sample ID :	ICB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:54:36	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.01	-0.08	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.07	-0.07	0.01	-0.04		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	66.22	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98246.55	94073.60	105256.37	99192.17	5.70	ppb
Antimony	121-1	1.07	1.21	1.13	1.14	6.07	ppb
Arsenic	75-2	0.30	0.34	0.35	0.33	9.38	ppb
Barium	135-1	1.44	1.53	1.29	1.42	8.78	ppb
Barium	137-1	1.41	1.35	1.40	1.39	2.44	ppb
Beryllium	9-1	0.26	0.29	0.27	0.27	6.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	0.54	0.56	0.56	0.55	2.12	ppb
Boron	11-1	0.51	0.56	0.51	0.53	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.38	0.30	0.34	11.40	ppb
Cadmium	106-1	-4.41	-5.62	-4.14	-4.73		ppb
Cadmium	108-1	11.10	10.72	10.51	10.78	2.78	ppb
Calcium	43-1	100332.21	97469.15	93286.68	97029.34	3.65	ppb
Calcium	44-1	99168.37	97401.60	94137.46	96902.48	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.95	18.91	21.53	20.13	6.54	ppb
Cobalt	59-2	1.12	1.11	1.25	1.16	6.48	ppb
Copper	63-2	6.96	6.94	7.84	7.25	7.15	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				103		%
Holmium	165-2				92		%
Indium	115-1				97		%
Indium	115-2				85		%
Iron	54-2	103730.60	98613.86	112835.15	105059.87	6.86	ppb
Iron	56-2	105203.70	98749.01	114420.84	106124.52	7.42	ppb
Iron	57-2	104976.13	98891.20	114905.89	106257.74	7.61	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.56	4.70	4.43	4.56	3.00	ppb
Lead	207-1	4.11	4.12	3.99	4.07	1.71	ppb
Lead	208-1	3.89	3.81	3.89	3.86	1.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	97738.80	92116.31	104017.14	97957.42	6.08	ppb
Manganese	55-2	7.69	7.72	8.50	7.97	5.79	ppb
Molybdenum	94-1	1555.66	1560.14	1528.55	1548.12	1.10	ppb
Molybdenum	95-1	1894.44	1879.25	1841.59	1871.76	1.45	ppb
Molybdenum	96-1	1896.51	1849.17	1822.30	1855.99	2.02	ppb
Molybdenum	97-1	1904.81	1930.76	1815.91	1883.83	3.20	ppb
Molybdenum	98-1	1909.94	1892.38	1834.76	1879.03	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.07	6.13	5.56	9.61	ppb
Phosphorus	31-2	99172.73	95531.49	106230.27	100311.49	5.42	ppb
Potassium	39-2	99023.91	91742.64	105433.67	98733.41	6.94	ppb
Rhodium	103-1				92		%
Rhodium	103-2				84		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	82-1	0.54	0.08	-0.04	0.19	156.46	ppb
Selenium	77-2	0.00	0.00	0.81	0.27	173.21	ppb
Selenium	78-2	-0.58	-0.73	-0.05	-0.45		ppb
Silicon	28-1	1.40	1.25	1.12	1.26	10.79	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	275.13	ppb
Sodium	23-2	102365.56	95924.11	110846.82	103045.50	7.26	ppb
Strontium	86-1	33.32	33.83	32.71	33.29	1.68	ppb
Strontium	88-1	33.67	33.91	32.95	33.51	1.50	ppb
Sulfur	34-1	87617.06	84296.31	80878.11	84263.83	4.00	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.06	0.06	0.07	14.52	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	9.85	ppb
Tin	118-1	0.39	0.36	0.36	0.37	4.90	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1918.01	1872.19	1877.66	1889.29	1.32	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	13.30	ppb
Vanadium	51-2	0.18	0.14	0.15	0.15	12.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	11.22	10.52	12.58	11.44	9.18	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	64.08	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	62.71	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94814.27	93713.11	92032.28	93519.88	1.50	ppb
Antimony	121-1	20.28	19.59	20.29	20.05	1.99	ppb
Arsenic	75-2	19.05	19.42	19.29	19.25	0.98	ppb
Barium	135-1	20.44	19.91	20.52	20.29	1.64	ppb
Barium	137-1	20.75	19.55	20.39	20.23	3.04	ppb
Beryllium	9-1	19.38	19.86	19.04	19.42	2.12	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	0.43	0.44	0.48	0.45	5.45	ppb
Boron	11-1	0.44	0.49	0.42	0.45	8.33	ppb
Bromine	81-1						cps
Cadmium	111-1	19.07	18.51	18.87	18.82	1.49	ppb
Cadmium	106-1	11.37	9.26	8.98	9.87	13.26	ppb
Cadmium	108-1	24.82	24.72	28.12	25.89	7.47	ppb
Calcium	43-1	94867.74	95985.38	92278.50	94377.21	2.01	ppb
Calcium	44-1	97542.68	94692.59	95752.10	95995.79	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.91	36.31	36.41	36.55	0.89	ppb
Cobalt	59-2	19.68	19.45	19.12	19.42	1.45	ppb
Copper	63-2	24.69	24.51	24.22	24.48	0.97	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				103		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	97698.36	99161.55	95234.62	97364.84	2.04	ppb
Iron	56-2	99658.67	98074.77	97281.77	98338.40	1.23	ppb
Iron	57-2	100609.29	98588.48	94926.06	98041.28	2.94	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.26	23.08	23.70	23.68	2.50	ppb
Lead	207-1	22.89	21.84	23.02	22.58	2.88	ppb
Lead	208-1	22.12	21.90	22.50	22.17	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	92424.42	91777.77	92297.51	92166.57	0.37	ppb
Manganese	55-2	26.71	25.45	25.14	25.77	3.22	ppb
Molybdenum	94-1	1495.77	1525.15	1477.48	1499.47	1.60	ppb
Molybdenum	95-1	1853.36	1840.44	1798.96	1830.92	1.55	ppb
Molybdenum	96-1	1798.19	1840.83	1790.09	1809.70	1.51	ppb
Molybdenum	97-1	1878.62	1846.84	1843.66	1856.37	1.04	ppb
Molybdenum	98-1	1852.66	1844.85	1817.53	1838.35	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.91	23.26	23.77	23.65	1.44	ppb
Phosphorus	31-2	96898.39	93978.56	92575.46	94484.14	2.33	ppb
Potassium	39-2	95749.00	93177.49	93608.17	94178.22	1.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	19.48	20.14	19.00	19.54	2.91	ppb
Selenium	77-2	21.67	20.15	13.62	18.48	23.13	ppb
Selenium	78-2	18.24	17.60	17.16	17.67	3.08	ppb
Silicon	28-1	1.53	1.23	1.19	1.32	14.29	ppb
Silver	107-1	17.96	17.33	17.79	17.69	1.85	ppb
Silver	109-1	17.89	17.03	18.54	17.82	4.25	ppb
Sodium	23-2	97172.59	99235.58	95267.13	97225.10	2.04	ppb
Strontium	86-1	33.18	33.25	31.90	32.78	2.33	ppb
Strontium	88-1	33.35	33.26	32.42	33.01	1.56	ppb
Sulfur	34-1	86133.64	83856.02	81264.05	83751.24	2.91	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	20.57	19.49	20.25	20.11	2.75	ppb
Thallium	205-1	20.31	20.15	20.66	20.37	1.29	ppb
Tin	118-1	0.13	0.14	0.15	0.14	6.37	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1922.47	1880.39	1824.03	1875.63	2.63	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	18.29	ppb
Vanadium	51-2	18.64	18.22	17.93	18.26	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	28.97	29.33	27.40	28.57	3.60	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	113.17	ppb
Zirconium	91-1	0.04	0.03	0.01	0.03	48.03	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51692.63	51419.68	50791.61	51301.31	0.90	ppb
Antimony	121-1	526.75	532.33	516.60	525.22	1.52	ppb
Arsenic	75-2	490.67	483.78	485.31	486.59	0.74	ppb
Barium	135-1	2464.93	2565.22	2437.15	2489.10	2.71	ppb
Barium	137-1	2428.43	2481.27	2413.48	2441.06	1.46	ppb
Beryllium	9-1	471.31	489.23	463.51	474.68	2.78	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	529.90	536.56	526.20	530.89	0.99	ppb
Boron	11-1	476.24	511.22	486.01	491.16	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	493.45	497.11	473.43	488.00	2.61	ppb
Cadmium	106-1	504.44	501.68	483.36	496.50	2.31	ppb
Cadmium	108-1	504.54	509.39	492.44	502.12	1.74	ppb
Calcium	43-1	249785.03	243725.35	241212.72	244907.70	1.80	ppb
Calcium	44-1	246548.74	240932.00	239098.93	242193.22	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.94	477.28	468.24	478.15	2.17	ppb
Cobalt	59-2	501.93	486.79	476.41	488.38	2.63	ppb
Copper	63-2	5258.67	5109.85	5026.49	5131.67	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				98		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	54-2	130193.45	125302.10	122957.81	126151.12	2.93	ppb
Iron	56-2	127899.81	126282.62	125071.90	126418.11	1.12	ppb
Iron	57-2	131222.84	125554.78	124990.27	127255.97	2.71	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2550.31	2429.03	2510.42	2496.59	2.48	ppb
Lead	207-1	2513.62	2446.59	2505.09	2488.43	1.47	ppb
Lead	208-1	2480.22	2534.57	2537.05	2517.28	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	257133.16	259410.56	249972.57	255505.43	1.93	ppb
Manganese	55-2	5079.95	4923.98	4803.61	4935.85	2.81	ppb
Molybdenum	94-1	4856.88	4773.01	4932.75	4854.21	1.65	ppb
Molybdenum	95-1	4852.16	4836.28	4943.52	4877.32	1.19	ppb
Molybdenum	96-1	4811.37	4822.23	4886.71	4840.10	0.84	ppb
Molybdenum	97-1	4887.35	4803.83	4856.78	4849.32	0.87	ppb
Molybdenum	98-1	4902.51	4789.63	4848.86	4847.00	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.35	503.77	491.99	501.70	1.77	ppb
Phosphorus	31-2	9946.58	9966.51	9991.30	9968.13	0.22	ppb
Potassium	39-2	124141.17	125722.53	123506.74	124456.81	0.92	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	469.00	485.44	471.47	475.30	1.86	ppb
Selenium	77-2	496.53	509.35	489.26	498.38	2.04	ppb
Selenium	78-2	511.44	503.37	498.98	504.60	1.25	ppb
Silicon	28-1	555.12	554.32	540.76	550.06	1.47	ppb
Silver	107-1	490.44	495.82	484.47	490.24	1.16	ppb
Silver	109-1	503.78	497.54	474.37	491.90	3.15	ppb
Sodium	23-2	257349.89	256695.49	246141.51	253395.63	2.48	ppb
Strontium	86-1	11703.52	12235.38	11881.90	11940.26	2.27	ppb
Strontium	88-1	11767.23	12218.26	12304.38	12096.62	2.38	ppb
Sulfur	34-1	11527.93	11298.12	11138.98	11321.68	1.73	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	520.76	508.26	505.67	511.56	1.58	ppb
Thallium	205-1	521.21	509.49	510.63	513.78	1.26	ppb
Tin	118-1	494.03	508.04	487.21	496.42	2.14	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4868.20	4835.88	4664.61	4789.56	2.28	ppb
Uranium	238-1	499.21	490.99	513.64	501.28	2.29	ppb
Vanadium	51-2	496.29	485.43	482.50	488.08	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4977.05	4851.99	4664.58	4831.21	3.26	ppb
Zirconium	90-1	490.90	488.73	479.97	486.53	1.19	ppb
Zirconium	91-1	492.66	492.63	492.28	492.52	0.04	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.42	0.40	0.31	58.25	ppb
Antimony	121-1	0.04	0.06	0.08	0.06	32.52	ppb
Arsenic	75-2	-0.01	0.02	0.00	0.00	454.69	ppb
Barium	135-1	0.03	0.02	-0.01	0.01	154.91	ppb
Barium	137-1	0.01	0.01	0.00	0.01	72.34	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	6.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	3.58	3.41	3.19	3.40	5.72	ppb
Boron	11-1	3.44	3.32	3.21	3.32	3.44	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.13	-0.11	-0.11		ppb
Cadmium	106-1	-3.61	-6.63	-5.14	-5.13		ppb
Cadmium	108-1	0.01	-0.11	-0.02	-0.04		ppb
Calcium	43-1	-0.12	-1.00	0.40	-0.24		ppb
Calcium	44-1	-6.29	-6.79	-6.13	-6.40		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.03	0.01	0.04	80.79	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	160.66	ppb
Copper	63-2	0.02	0.08	0.07	0.06	54.15	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				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	0.08	-0.59	-1.67	-0.73		ppb
Iron	56-2	0.83	0.78	0.49	0.70	26.31	ppb
Iron	57-2	-0.25	-0.70	0.63	-0.11		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	25.43	ppb
Lead	207-1	0.06	0.03	0.03	0.04	38.67	ppb
Lead	208-1	0.05	0.03	0.06	0.05	23.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.32	1.51	1.60	1.81	24.45	ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	27.27	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	11.49	ppb
Molybdenum	96-1	0.05	0.03	0.06	0.04	36.26	ppb
Molybdenum	97-1	0.07	0.04	0.03	0.04	43.21	ppb
Molybdenum	98-1	0.09	0.05	0.04	0.06	43.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-4.33	-17.68	-24.36	-15.46		ppb
Potassium	39-2	9.05	12.10	11.29	10.82	14.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.23	-0.19	-0.34	-0.26		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	-0.86	-0.66	-0.39		ppb
Silicon	28-1	-0.61	-0.86	-0.59	-0.69		ppb
Silver	107-1	0.07	0.09	0.07	0.08	15.17	ppb
Silver	109-1	0.05	0.09	0.08	0.07	25.98	ppb
Sodium	23-2	10.99	9.80	8.74	9.84	11.43	ppb
Strontium	86-1	0.05	0.01	0.09	0.05	79.71	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	3.94	ppb
Sulfur	34-1	-138.95	-297.37	-61.90	-166.07		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.05	0.03	0.03	42.06	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.08	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.07	0.03	0.07	52.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	84.61	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	264.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	-0.01	0.06	-0.15	-0.03		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	192.87	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.59	19.54	19.74	19.96	2.80	ppb
Antimony	121-1	2.11	2.18	1.91	2.06	6.87	ppb
Arsenic	75-2	1.02	0.95	1.03	1.00	4.00	ppb
Barium	135-1	9.72	10.07	9.25	9.68	4.24	ppb
Barium	137-1	10.12	10.58	9.46	10.06	5.61	ppb
Beryllium	9-1	1.06	1.05	1.06	1.06	0.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	10.56	10.59	10.55	10.57	0.18	ppb
Boron	11-1	10.56	11.12	10.64	10.77	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.09	0.93	1.01	7.80	ppb
Cadmium	106-1	-1.63	-1.33	-3.73	-2.23		ppb
Cadmium	108-1	0.88	0.97	1.05	0.97	8.75	ppb
Calcium	43-1	503.85	485.09	477.71	488.88	2.76	ppb
Calcium	44-1	498.58	489.85	473.74	487.39	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.83	1.95	1.93	4.21	ppb
Cobalt	59-2	1.01	1.00	0.98	0.99	1.53	ppb
Copper	63-2	2.06	2.01	2.13	2.07	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				103		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	49.46	47.73	52.30	49.83	4.63	ppb
Iron	56-2	52.29	49.48	50.52	50.76	2.79	ppb
Iron	57-2	55.10	51.91	46.57	51.20	8.42	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.82	0.84	0.86	5.59	ppb
Lead	207-1	0.91	0.87	0.87	0.88	2.63	ppb
Lead	208-1	0.92	0.89	0.87	0.90	2.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	511.25	484.19	492.39	495.94	2.80	ppb
Manganese	55-2	1.02	0.92	0.97	0.97	5.17	ppb
Molybdenum	94-1	6.13	5.70	5.53	5.79	5.38	ppb
Molybdenum	95-1	5.26	4.93	4.68	4.96	5.85	ppb
Molybdenum	96-1	5.44	4.98	4.75	5.06	6.88	ppb
Molybdenum	97-1	5.72	5.23	4.71	5.22	9.68	ppb
Molybdenum	98-1	5.09	4.91	4.74	4.92	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.06	1.06	1.03	3.63	ppb
Phosphorus	31-2	-2.10	19.36	2.40	6.56	172.64	ppb
Potassium	39-2	516.04	477.34	489.77	494.39	4.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	5.14	5.21	4.85	5.06	3.79	ppb
Selenium	77-2	7.46	1.33	6.31	5.03	64.81	ppb
Selenium	78-2	6.66	4.50	4.53	5.23	23.74	ppb
Silicon	28-1	0.52	0.09	0.20	0.27	83.26	ppb
Silver	107-1	1.17	1.06	1.01	1.08	7.35	ppb
Silver	109-1	1.13	1.09	0.97	1.06	7.75	ppb
Sodium	23-2	500.29	490.25	488.95	493.16	1.26	ppb
Strontium	86-1	1.08	0.94	1.11	1.04	8.80	ppb
Strontium	88-1	1.03	1.00	0.97	1.00	3.38	ppb
Sulfur	34-1	114.40	-150.51	-137.54	-57.89		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.87	0.92	0.82	0.87	5.67	ppb
Thallium	205-1	0.97	0.92	0.89	0.93	4.54	ppb
Tin	118-1	5.28	5.28	4.59	5.05	7.91	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.95	4.86	4.87	1.55	ppb
Uranium	238-1	0.90	0.81	0.85	0.85	4.85	ppb
Vanadium	51-2	4.63	4.71	4.56	4.64	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2.39	2.19	2.13	2.24	6.02	ppb
Zirconium	90-1	0.95	0.90	0.86	0.90	5.11	ppb
Zirconium	91-1	1.10	1.02	0.92	1.01	8.59	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.13	0.34	0.27	44.18	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	35.38	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	183.40	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	154.63	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	1.72	1.61	1.57	1.64	4.76	ppb
Boron	11-1	1.82	1.73	1.63	1.73	5.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.09	-0.12	-0.09		ppb
Cadmium	106-1	-2.82	-4.09	-5.53	-4.15		ppb
Cadmium	108-1	0.01	0.01	-0.02	0.00		ppb
Calcium	43-1	-0.57	-0.96	-0.28	-0.60		ppb
Calcium	44-1	-7.56	-5.99	-5.73	-6.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.00	0.02	137.62	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.03	0.02	0.02	48.69	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				102		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	-0.55	-0.30	0.02	-0.28		ppb
Iron	56-2	0.50	0.26	0.53	0.43	33.84	ppb
Iron	57-2	-0.80	-1.68	-0.25	-0.91		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.03	0.02	68.29	ppb
Lead	207-1	0.02	0.03	0.04	0.03	42.89	ppb
Lead	208-1	0.04	0.03	0.04	0.03	19.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.94	0.84	1.36	1.05	26.22	ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	341.43	ppb
Molybdenum	94-1	0.04	0.02	0.04	0.03	27.36	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.04	31.68	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	31.59	ppb
Molybdenum	97-1	0.04	0.02	0.02	0.03	45.13	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	23.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-24.58	-9.40	-6.55	-13.51		ppb
Potassium	39-2	13.62	6.29	12.66	10.86	36.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	0.09	0.18	-0.20	0.02	838.76	ppb
Selenium	77-2	0.00	0.00	0.70	0.23	173.21	ppb
Selenium	78-2	-0.48	-1.62	-0.55	-0.88		ppb
Silicon	28-1	-0.71	-0.55	-0.60	-0.62		ppb
Silver	107-1	0.00	0.01	0.00	0.00	379.70	ppb
Silver	109-1	0.00	-0.01	0.00	-0.01		ppb
Sodium	23-2	1.81	4.64	5.14	3.86	46.51	ppb
Strontium	86-1	0.07	0.05	0.06	0.06	19.43	ppb
Strontium	88-1	0.06	0.04	0.05	0.05	15.84	ppb
Sulfur	34-1	-103.65	172.01	89.77	52.71	268.49	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.01	0.01	0.01	51.76	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	78.19	ppb
Tin	118-1	-0.01	-0.03	0.02	-0.01		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	0.02	0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.06	-0.21	0.19	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	48.86	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	103.65	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10242.59	10147.70	9997.30	10129.20	1.22	ppb
Antimony	121-1	497.16	460.90	491.66	483.24	4.04	ppb
Arsenic	75-2	497.93	490.46	481.20	489.86	1.71	ppb
Barium	135-1	2453.81	2328.76	2367.99	2383.52	2.68	ppb
Barium	137-1	2430.53	2355.52	2432.47	2406.17	1.82	ppb
Beryllium	9-1	487.52	481.84	454.52	474.62	3.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	517.47	518.17	523.28	519.64	0.61	ppb
Boron	11-1	466.22	479.07	477.32	474.20	1.47	ppb
Bromine	81-1						cps
Cadmium	111-1	493.09	475.72	489.59	486.13	1.89	ppb
Cadmium	106-1	491.38	472.17	480.35	481.30	2.00	ppb
Cadmium	108-1	509.81	474.21	489.65	491.22	3.63	ppb
Calcium	43-1	56495.47	58873.24	57013.70	57460.80	2.18	ppb
Calcium	44-1	50732.15	53161.46	51557.59	51817.07	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.35	467.58	457.99	466.64	1.76	ppb
Cobalt	59-2	491.46	488.50	474.45	484.80	1.88	ppb
Copper	63-2	4990.44	4903.11	4924.02	4939.19	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	27099.89	26644.57	27075.25	26939.90	0.95	ppb
Iron	56-2	25551.27	26252.01	25315.18	25706.15	1.90	ppb
Iron	57-2	25553.38	25706.55	25120.02	25459.98	1.19	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2368.99	2311.17	2300.31	2326.82	1.59	ppb
Lead	207-1	2373.96	2301.11	2291.85	2322.31	1.94	ppb
Lead	208-1	2367.30	2299.38	2302.80	2323.16	1.65	ppb
Lithium	6-1				108		%
Magnesium	24-2	51937.56	53413.57	49807.94	51719.69	3.50	ppb
Manganese	55-2	4921.78	5000.71	4767.15	4896.55	2.43	ppb
Molybdenum	94-1	4744.66	4743.41	4614.22	4700.76	1.59	ppb
Molybdenum	95-1	4867.13	4651.47	4549.72	4689.44	3.46	ppb
Molybdenum	96-1	4797.09	4791.91	4635.31	4741.44	1.94	ppb
Molybdenum	97-1	4825.94	4702.76	4580.09	4702.93	2.61	ppb
Molybdenum	98-1	4831.21	4716.07	4572.41	4706.56	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.60	486.82	481.71	488.04	1.44	ppb
Phosphorus	31-2	10090.69	10003.40	9354.23	9816.10	4.10	ppb
Potassium	39-2	25181.56	25365.08	24357.39	24968.01	2.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	82-1	491.32	485.34	479.61	485.42	1.21	ppb
Selenium	77-2	506.59	481.58	476.59	488.25	3.29	ppb
Selenium	78-2	498.48	498.58	481.96	493.01	1.94	ppb
Silicon	28-1	506.49	542.72	531.21	526.80	3.51	ppb
Silver	107-1	498.49	472.02	484.97	485.16	2.73	ppb
Silver	109-1	494.71	454.84	491.85	480.47	4.63	ppb
Sodium	23-2	50654.94	51581.53	48781.43	50339.30	2.83	ppb
Strontium	86-1	11664.27	11693.21	11374.25	11577.24	1.52	ppb
Strontium	88-1	11882.99	11760.42	11205.63	11616.35	3.11	ppb
Sulfur	34-1	10326.93	11445.45	11082.48	10951.62	5.21	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	481.39	476.23	467.23	474.95	1.51	ppb
Thallium	205-1	471.55	473.52	471.37	472.15	0.25	ppb
Tin	118-1	487.72	475.87	488.80	484.13	1.48	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4508.11	4651.71	4534.49	4564.77	1.67	ppb
Uranium	238-1	452.38	450.17	452.55	451.70	0.29	ppb
Vanadium	51-2	477.70	475.40	461.61	471.57	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	5059.21	4994.44	4974.70	5009.45	0.88	ppb
Zirconium	90-1	475.27	476.48	451.96	467.90	2.95	ppb
Zirconium	91-1	486.07	470.96	458.19	471.74	2.96	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.15	0.09	0.05	257.40	ppb
Antimony	121-1	0.06	0.07	0.11	0.08	31.72	ppb
Arsenic	75-2	0.01	0.03	-0.02	0.01	326.56	ppb
Barium	135-1	0.05	0.05	0.07	0.06	19.91	ppb
Barium	137-1	0.09	0.03	0.06	0.06	52.26	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	9.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	7.14	6.90	6.77	6.94	2.66	ppb
Boron	11-1	7.21	7.27	6.53	7.01	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.08	-0.08	-0.06		ppb
Cadmium	106-1	-2.47	-4.49	-3.79	-3.58		ppb
Cadmium	108-1	0.00	-0.14	0.06	-0.03		ppb
Calcium	43-1	0.75	0.28	1.45	0.83	71.60	ppb
Calcium	44-1	-6.59	-7.36	-6.61	-6.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.04	0.02	153.86	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	733.26	ppb
Copper	63-2	0.10	0.11	0.12	0.11	6.37	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				97		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	-0.88	-0.73	-1.11	-0.91		ppb
Iron	56-2	0.29	0.25	0.22	0.25	14.15	ppb
Iron	57-2	-0.76	-1.18	-0.73	-0.89		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.07	0.07	30.16	ppb
Lead	207-1	0.09	0.09	0.08	0.09	3.04	ppb
Lead	208-1	0.08	0.11	0.08	0.09	20.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.72	0.37	0.83	0.64	37.18	ppb
Manganese	55-2	0.05	0.05	0.05	0.05	5.61	ppb
Molybdenum	94-1	0.20	0.11	0.17	0.16	27.62	ppb
Molybdenum	95-1	0.20	0.23	0.19	0.21	11.04	ppb
Molybdenum	96-1	0.17	0.16	0.17	0.17	4.57	ppb
Molybdenum	97-1	0.21	0.11	0.19	0.17	31.92	ppb
Molybdenum	98-1	0.21	0.19	0.18	0.19	8.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-0.35	-13.45	-11.18	-8.33		ppb
Potassium	39-2	-0.24	0.55	8.33	2.88	164.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	0.13	0.07	0.14	0.11	33.66	ppb
Selenium	77-2	0.00	1.36	0.00	0.45	173.21	ppb
Selenium	78-2	-0.54	-1.61	-0.09	-0.75		ppb
Silicon	28-1	-0.69	-0.98	-0.68	-0.78		ppb
Silver	107-1	0.04	0.07	0.04	0.05	32.90	ppb
Silver	109-1	0.06	0.06	0.04	0.05	14.44	ppb
Sodium	23-2	2.67	5.22	6.71	4.86	42.01	ppb
Strontium	86-1	0.36	0.35	0.27	0.33	15.56	ppb
Strontium	88-1	0.33	0.27	0.27	0.29	11.50	ppb
Sulfur	34-1	-336.37	-507.71	-365.43	-403.17		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.05	0.04	0.05	11.81	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	13.91	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.04	0.09	0.09	46.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.66	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	95.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.00	0.19	-0.10	0.03	511.41	ppb
Zirconium	90-1	0.01	0.00	0.03	0.01	130.41	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	74.29	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10238.07	9992.05	10043.52	10091.22	1.29	ppb
Antimony	121-1	483.22	472.13	483.75	479.70	1.37	ppb
Arsenic	75-2	501.54	479.84	475.98	485.79	2.84	ppb
Barium	135-1	2399.47	2298.80	2420.25	2372.84	2.74	ppb
Barium	137-1	2371.67	2326.23	2362.83	2353.58	1.02	ppb
Beryllium	9-1	466.14	477.06	469.45	470.88	1.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	505.24	519.32	528.62	517.72	2.27	ppb
Boron	11-1	481.32	487.82	520.30	496.48	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	482.19	490.27	494.51	488.99	1.28	ppb
Cadmium	106-1	485.87	481.02	480.19	482.36	0.64	ppb
Cadmium	108-1	494.39	480.98	496.90	490.76	1.74	ppb
Calcium	43-1	58993.14	55629.96	59404.25	58009.12	3.57	ppb
Calcium	44-1	53056.06	52169.45	53336.98	52854.16	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.51	453.89	453.72	458.70	1.85	ppb
Cobalt	59-2	505.03	487.66	472.79	488.49	3.30	ppb
Copper	63-2	4943.91	4863.26	4807.70	4871.62	1.41	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				107		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	54-2	27418.21	25978.28	25562.71	26319.73	3.70	ppb
Iron	56-2	26399.95	25473.03	25435.54	25769.51	2.12	ppb
Iron	57-2	25768.22	24500.69	24962.69	25077.20	2.56	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2234.02	2350.64	2237.10	2273.92	2.92	ppb
Lead	207-1	2224.66	2345.85	2255.30	2275.27	2.77	ppb
Lead	208-1	2262.90	2343.10	2314.64	2306.88	1.76	ppb
Lithium	6-1				109		%
Magnesium	24-2	51994.66	50619.63	50269.33	50961.21	1.79	ppb
Manganese	55-2	4891.38	4717.67	4742.58	4783.88	1.96	ppb
Molybdenum	94-1	4577.82	4694.88	4744.23	4672.31	1.83	ppb
Molybdenum	95-1	4626.05	4675.14	4718.43	4673.21	0.99	ppb
Molybdenum	96-1	4658.09	4683.27	4882.80	4741.38	2.60	ppb
Molybdenum	97-1	4645.99	4727.38	4872.60	4748.66	2.42	ppb
Molybdenum	98-1	4727.01	4655.29	4814.44	4732.24	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.60	478.89	476.45	483.65	2.16	ppb
Phosphorus	31-2	10139.23	9742.87	9684.56	9855.55	2.51	ppb
Potassium	39-2	25240.75	23936.32	24094.35	24423.81	2.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	480.37	488.87	497.23	488.82	1.72	ppb
Selenium	77-2	524.30	466.13	468.91	486.45	6.75	ppb
Selenium	78-2	515.62	487.66	477.59	493.63	3.99	ppb
Silicon	28-1	537.20	542.78	552.73	544.24	1.45	ppb
Silver	107-1	490.48	488.08	486.07	488.21	0.45	ppb
Silver	109-1	480.38	476.18	501.17	485.91	2.75	ppb
Sodium	23-2	51359.71	49656.83	51111.93	50709.49	1.81	ppb
Strontium	86-1	11770.55	11824.83	12047.43	11880.94	1.23	ppb
Strontium	88-1	11564.70	11976.19	12002.27	11847.72	2.07	ppb
Sulfur	34-1	11282.44	11061.85	11190.78	11178.36	0.99	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	462.99	476.17	456.03	465.07	2.20	ppb
Thallium	205-1	453.23	467.54	466.30	462.36	1.71	ppb
Tin	118-1	484.42	482.92	490.90	486.08	0.87	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4787.78	4636.75	4739.02	4721.18	1.63	ppb
Uranium	238-1	445.02	464.35	452.48	453.95	2.15	ppb
Vanadium	51-2	477.73	458.99	460.73	465.82	2.22	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	5001.37	4774.97	4926.87	4901.07	2.35	ppb
Zirconium	90-1	456.91	461.02	461.99	459.98	0.59	ppb
Zirconium	91-1	459.05	469.37	472.99	467.14	1.55	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.96	17.72	17.20	17.29	2.24	ppb
Antimony	121-1	6.21	5.18	4.58	5.32	15.53	ppb
Arsenic	75-2	29.47	37.87	39.99	35.78	15.55	ppb
Barium	135-1	1.12	1.12	1.12	1.12	0.22	ppb
Barium	137-1	1.21	1.24	1.21	1.22	1.49	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	2.93	ppb
Bismuth	209-1				144		%
Bismuth	209-2				136		%
Boron	10-1	1965.80	2115.50	2111.03	2064.11	4.13	ppb
Boron	11-1	2017.67	2131.29	2189.24	2112.73	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	0.05	0.01	461.24	ppb
Cadmium	106-1	-3.39	-2.42	-0.99	-2.26		ppb
Cadmium	108-1	0.95	1.10	1.05	1.03	7.32	ppb
Calcium	43-1	12397.66	13011.54	12853.12	12754.11	2.50	ppb
Calcium	44-1	13219.75	13937.44	13749.94	13635.71	2.73	ppb
Carbon	12-1	0	0	0	0		cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.32	1.39	1.36	1.35	2.54	ppb
Cobalt	59-2	0.11	0.11	0.09	0.10	14.04	ppb
Copper	63-2	6.45	7.03	6.49	6.66	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				131		%
Holmium	165-2				122		%
Indium	115-1				130		%
Indium	115-2				120		%
Iron	54-2	101.95	112.98	100.85	105.26	6.37	ppb
Iron	56-2	101.56	111.10	102.45	105.04	5.02	ppb
Iron	57-2	109.61	126.36	116.87	117.61	7.14	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.68	0.72	0.70	0.70	3.03	ppb
Lead	207-1	0.68	0.70	0.70	0.70	1.86	ppb
Lead	208-1	0.69	0.70	0.73	0.71	3.02	ppb
Lithium	6-1				144		%
Magnesium	24-2	12912.29	14332.71	12866.92	13370.64	6.23	ppb
Manganese	55-2	4.84	4.96	4.48	4.76	5.25	ppb
Molybdenum	94-1	1.85	1.90	1.92	1.89	1.96	ppb
Molybdenum	95-1	2.04	2.18	2.06	2.09	3.73	ppb
Molybdenum	96-1	2.05	2.15	1.95	2.05	4.86	ppb
Molybdenum	97-1	2.15	2.04	1.94	2.04	5.05	ppb
Molybdenum	98-1	2.05	2.05	1.94	2.02	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.09	0.92	1.01	8.04	ppb
Phosphorus	31-2	4346.06	4830.81	4277.16	4484.68	6.73	ppb
Potassium	39-2	204.73	239.59	205.28	216.53	9.22	ppb
Rhodium	103-1				128		%
Rhodium	103-2				124		%
Scandium	45-1				127		%
Scandium	45-2				119		%
Selenium	82-1	15.95	20.45	22.07	19.49	16.27	ppb
Selenium	77-2	29.41	32.98	27.02	29.80	10.05	ppb
Selenium	78-2	24.82	29.74	28.62	27.73	9.29	ppb
Silicon	28-1	446.35	478.88	485.99	470.41	4.49	ppb
Silver	107-1	-0.01	-0.04	-0.03	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.03	-0.03		ppb
Sodium	23-2	3731.24	4016.80	3710.89	3819.64	4.48	ppb
Strontium	86-1	4.37	4.40	4.53	4.43	1.90	ppb
Strontium	88-1	4.53	4.57	4.51	4.54	0.70	ppb
Sulfur	34-1	10590.05	8184.52	10979.57	9918.05	15.26	ppb
Terbium	159-1				131		%
Terbium	159-2				123		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	0.97	ppb
Tin	118-1	0.73	0.82	0.92	0.82	11.35	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.74	2.64	2.71	2.70	1.81	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	4.96	ppb
Vanadium	51-2	0.46	0.50	0.47	0.48	4.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				118		%
Zinc	66-2	1573.41	1668.46	1578.35	1606.74	3.33	ppb
Zirconium	90-1	0.05	0.07	0.16	0.09	60.30	ppb
Zirconium	91-1	0.10	0.06	0.17	0.11	49.82	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64731.69	69974.45	65477.21	66727.78	4.25	ppb
Antimony	121-1	0.05	0.08	0.08	0.07	25.37	ppb
Arsenic	75-2	10.32	10.86	10.77	10.65	2.68	ppb
Barium	135-1	271.85	267.86	280.40	273.37	2.34	ppb
Barium	137-1	275.03	276.91	290.20	280.71	2.95	ppb
Beryllium	9-1	7.20	7.54	7.55	7.43	2.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	42.78	46.75	43.77	44.43	4.65	ppb
Boron	11-1	43.29	46.04	43.58	44.30	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.71	0.61	0.81	0.71	13.71	ppb
Cadmium	106-1	10.80	9.85	14.20	11.62	19.66	ppb
Cadmium	108-1	3.73	4.30	4.64	4.22	10.98	ppb
Calcium	43-1	45192.20	42382.38	43961.75	43845.44	3.21	ppb
Calcium	44-1	44225.31	42559.41	43529.38	43438.03	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142.87	156.50	142.92	147.43	5.33	ppb
Cobalt	59-2	87.82	95.14	86.67	89.88	5.11	ppb
Copper	63-2	193.33	208.88	191.89	198.04	4.76	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				121		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	54-2	132398.95	142686.79	131330.08	135471.94	4.63	ppb
Iron	56-2	132108.71	140944.82	132143.08	135065.54	3.77	ppb
Iron	57-2	132057.45	142686.24	131970.03	135571.24	4.55	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	27.64	25.49	26.47	26.53	4.06	ppb
Lead	207-1	17.47	16.44	16.86	16.93	3.07	ppb
Lead	208-1	21.55	21.32	22.28	21.72	2.29	ppb
Lithium	6-1				117		%
Magnesium	24-2	44358.15	46979.72	44619.52	45319.13	3.19	ppb
Manganese	55-2	903.32	987.15	923.87	938.11	4.66	ppb
Molybdenum	94-1	44.16	42.35	43.37	43.29	2.10	ppb
Molybdenum	95-1	5.54	5.19	5.53	5.42	3.71	ppb
Molybdenum	96-1	11.95	10.90	11.03	11.29	5.09	ppb
Molybdenum	97-1	5.77	5.65	5.65	5.69	1.24	ppb
Molybdenum	98-1	5.59	5.27	5.49	5.45	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.98	123.52	113.53	117.34	4.60	ppb
Phosphorus	31-2	8060.04	8896.94	8102.33	8353.10	5.64	ppb
Potassium	39-2	20226.91	22411.61	20275.17	20971.23	5.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				122		%
Scandium	45-2				108		%
Selenium	82-1	6.60	5.89	6.07	6.19	5.94	ppb
Selenium	77-2	148.99	145.03	158.60	150.87	4.62	ppb
Selenium	78-2	33.58	35.28	36.67	35.18	4.41	ppb
Silicon	28-1	128.03	121.10	122.81	123.98	2.91	ppb
Silver	107-1	0.09	0.12	0.11	0.10	14.62	ppb
Silver	109-1	0.07	0.09	0.09	0.08	15.37	ppb
Sodium	23-2	1883.94	2012.66	1881.05	1925.88	3.90	ppb
Strontium	86-1	69.01	66.68	68.38	68.02	1.77	ppb
Strontium	88-1	69.50	67.40	68.95	68.62	1.59	ppb
Sulfur	34-1	12973.30	11765.22	12252.47	12330.33	4.93	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	1.91	1.73	1.79	1.81	4.98	ppb
Thallium	205-1	1.86	1.76	1.78	1.80	3.06	ppb
Tin	118-1	2.19	2.13	2.12	2.15	1.87	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2480.65	2347.18	2411.53	2413.12	2.77	ppb
Uranium	238-1	21.32	20.61	21.38	21.10	2.05	ppb
Vanadium	51-2	383.63	415.72	378.74	392.70	5.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				167		%
Yttrium	89-2				149		%
Zinc	66-2	228.54	242.82	227.07	232.81	3.74	ppb
Zirconium	90-1	20.77	19.66	20.13	20.19	2.77	ppb
Zirconium	91-1	21.30	19.73	20.56	20.53	3.83	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	116198.14	119655.92	113217.18	116357.08	2.77	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	25.27	ppb
Arsenic	75-2	11.40	11.74	11.88	11.67	2.14	ppb
Barium	135-1	863.00	828.38	813.84	835.07	3.02	ppb
Barium	137-1	840.35	831.90	811.67	827.97	1.78	ppb
Beryllium	9-1	3.98	3.90	3.96	3.95	1.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	76.50	78.24	79.67	78.14	2.03	ppb
Boron	11-1	79.68	78.05	82.15	79.96	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.17	0.36	0.29	36.41	ppb
Cadmium	106-1	27.38	22.65	26.36	25.46	9.79	ppb
Cadmium	108-1	14.51	14.50	13.48	14.17	4.18	ppb
Calcium	43-1	1213862.44	1197778.72	1242043.45	1217894.87	1.84	ppb
Calcium	44-1	1221131.42	1234714.91	1238186.63	1231344.32	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.52	113.78	107.71	110.34	2.83	ppb
Cobalt	59-2	36.92	37.86	35.80	36.86	2.79	ppb
Copper	63-2	85.37	87.15	82.73	85.09	2.62	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				115		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	54-2	85586.95	89218.55	83893.59	86233.03	3.15	ppb
Iron	56-2	87520.21	90741.47	84559.18	87606.96	3.53	ppb
Iron	57-2	89203.97	92807.41	87730.38	89913.92	2.90	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	44.59	43.91	45.03	44.51	1.27	ppb
Lead	207-1	40.89	41.35	42.73	41.66	2.29	ppb
Lead	208-1	41.80	42.00	43.07	42.29	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	57389.34	59308.10	56535.63	57744.36	2.46	ppb
Manganese	55-2	2723.41	2827.12	2653.28	2734.60	3.20	ppb
Molybdenum	94-1	197.31	198.13	200.49	198.64	0.83	ppb
Molybdenum	95-1	1.09	1.03	1.07	1.06	3.09	ppb
Molybdenum	96-1	23.87	23.12	23.25	23.42	1.71	ppb
Molybdenum	97-1	1.00	0.96	1.07	1.01	5.42	ppb
Molybdenum	98-1	0.93	0.98	0.88	0.93	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.46	83.13	78.76	80.78	2.72	ppb
Phosphorus	31-2	4941.30	5087.66	4844.40	4957.79	2.47	ppb
Potassium	39-2	21610.49	22238.77	21080.73	21643.33	2.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				119		%
Scandium	45-2				109		%
Selenium	82-1	6.61	6.17	6.25	6.35	3.68	ppb
Selenium	77-2	46.60	42.90	40.59	43.36	6.99	ppb
Selenium	78-2	9.57	9.64	10.15	9.79	3.27	ppb
Silicon	28-1	101.47	102.75	100.63	101.62	1.05	ppb
Silver	107-1	0.20	0.18	0.18	0.19	4.62	ppb
Silver	109-1	0.06	0.02	0.02	0.03	74.18	ppb
Sodium	23-2	32096.28	33811.90	32607.18	32838.45	2.68	ppb
Strontium	86-1	10718.67	10697.42	10415.64	10610.58	1.59	ppb
Strontium	88-1	10960.21	10640.63	10779.59	10793.47	1.48	ppb
Sulfur	34-1	12110.90	12528.48	12973.65	12537.68	3.44	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.74	0.72	0.73	0.73	1.07	ppb
Thallium	205-1	0.76	0.74	0.76	0.75	1.96	ppb
Tin	118-1	2.93	2.92	2.86	2.90	1.31	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2926.85	2862.41	2896.65	2895.31	1.11	ppb
Uranium	238-1	4.64	4.70	4.85	4.73	2.31	ppb
Vanadium	51-2	110.02	112.53	107.04	109.87	2.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				111		%
Zinc	66-2	141.76	146.54	138.80	142.36	2.74	ppb
Zirconium	90-1	102.18	104.20	102.88	103.09	0.99	ppb
Zirconium	91-1	103.59	103.20	103.16	103.31	0.23	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12855.16	12866.43	12629.95	12783.85	1.04	ppb
Antimony	121-1	0.01	0.03	0.03	0.02	58.26	ppb
Arsenic	75-2	2.64	2.71	2.78	2.71	2.57	ppb
Barium	135-1	53.59	52.11	54.21	53.30	2.02	ppb
Barium	137-1	54.76	53.40	55.05	54.40	1.63	ppb
Beryllium	9-1	1.53	1.54	1.47	1.51	2.31	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	19.87	19.27	18.45	19.20	3.70	ppb
Boron	11-1	20.09	19.73	18.97	19.59	2.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.09	0.11	0.10	13.09	ppb
Cadmium	106-1	2.05	1.13	2.33	1.84	34.32	ppb
Cadmium	108-1	1.44	1.68	1.81	1.65	11.20	ppb
Calcium	43-1	8997.85	8677.70	8896.73	8857.43	1.85	ppb
Calcium	44-1	8961.39	8849.42	8954.47	8921.76	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.92	28.75	27.30	28.32	3.14	ppb
Cobalt	59-2	17.66	17.54	17.00	17.40	2.01	ppb
Copper	63-2	39.46	38.39	37.35	38.40	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				108		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	27220.69	26880.22	26330.46	26810.46	1.68	ppb
Iron	56-2	26867.98	26947.71	26461.48	26759.06	0.97	ppb
Iron	57-2	26453.96	25601.24	25784.88	25946.69	1.73	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.12	4.86	4.87	4.95	3.01	ppb
Lead	207-1	3.23	3.12	3.07	3.14	2.57	ppb
Lead	208-1	3.91	3.94	3.99	3.95	0.99	ppb
Lithium	6-1				108		%
Magnesium	24-2	8777.07	9021.25	8741.76	8846.69	1.72	ppb
Manganese	55-2	186.46	184.55	182.79	184.60	0.99	ppb
Molybdenum	94-1	11.46	11.67	11.25	11.46	1.80	ppb
Molybdenum	95-1	1.29	1.46	1.34	1.36	6.42	ppb
Molybdenum	96-1	2.99	2.96	2.97	2.97	0.54	ppb
Molybdenum	97-1	1.52	1.45	1.37	1.45	5.24	ppb
Molybdenum	98-1	1.50	1.45	1.32	1.42	6.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.77	23.31	22.35	23.14	3.13	ppb
Phosphorus	31-2	1608.74	1559.07	1514.45	1560.75	3.02	ppb
Potassium	39-2	3969.08	3906.70	3808.31	3894.70	2.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	2.31	2.23	1.92	2.16	9.60	ppb
Selenium	77-2	36.31	34.89	49.14	40.11	19.56	ppb
Selenium	78-2	9.58	9.52	9.90	9.67	2.07	ppb
Silicon	28-1	25.61	24.45	24.76	24.94	2.41	ppb
Silver	107-1	0.01	0.02	0.02	0.01	50.56	ppb
Silver	109-1	0.01	0.02	0.00	0.01	97.48	ppb
Sodium	23-2	371.28	363.63	362.03	365.65	1.35	ppb
Strontium	86-1	18.89	21.11	19.98	19.99	5.54	ppb
Strontium	88-1	19.78	21.25	21.25	20.76	4.10	ppb
Sulfur	34-1	3035.16	2705.12	2784.53	2841.60	6.06	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.31	0.33	0.32	4.64	ppb
Thallium	205-1	0.30	0.33	0.32	0.32	5.52	ppb
Tin	118-1	0.45	0.42	0.46	0.44	4.44	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	492.92	480.19	480.96	484.69	1.47	ppb
Uranium	238-1	3.80	3.66	3.78	3.75	1.99	ppb
Vanadium	51-2	75.74	74.55	72.05	74.11	2.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				108		%
Zinc	66-2	47.16	47.99	45.12	46.76	3.16	ppb
Zirconium	90-1	5.32	5.31	5.29	5.31	0.31	ppb
Zirconium	91-1	5.66	5.48	5.42	5.52	2.26	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24818.54	23759.87	23778.53	24118.98	2.51	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	12.41	ppb
Arsenic	75-2	2.57	2.56	2.68	2.60	2.52	ppb
Barium	135-1	160.97	161.87	160.58	161.14	0.41	ppb
Barium	137-1	161.62	160.17	162.54	161.44	0.74	ppb
Beryllium	9-1	0.87	0.84	0.84	0.85	2.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	23.27	22.80	23.61	23.23	1.74	ppb
Boron	11-1	23.85	23.49	23.41	23.58	0.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.09	0.02	-0.02		ppb
Cadmium	106-1	4.39	-0.16	3.26	2.50	94.97	ppb
Cadmium	108-1	3.67	3.53	3.10	3.43	8.70	ppb
Calcium	43-1	253245.76	259082.33	252820.28	255049.46	1.37	ppb
Calcium	44-1	256501.35	261612.07	248239.29	255450.90	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.33	22.43	22.60	22.79	2.10	ppb
Cobalt	59-2	8.02	7.99	7.82	7.95	1.35	ppb
Copper	63-2	19.57	19.24	19.29	19.37	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	18693.59	18265.94	18415.95	18458.49	1.18	ppb
Iron	56-2	18396.66	18070.51	18190.30	18219.16	0.91	ppb
Iron	57-2	18508.48	18078.08	17990.85	18192.47	1.52	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.45	8.64	8.27	8.45	2.17	ppb
Lead	207-1	7.97	8.20	7.98	8.05	1.58	ppb
Lead	208-1	7.81	8.01	7.90	7.91	1.23	ppb
Lithium	6-1				109		%
Magnesium	24-2	12244.06	12368.74	12216.52	12276.44	0.66	ppb
Manganese	55-2	561.91	546.98	542.64	550.51	1.84	ppb
Molybdenum	94-1	42.29	41.52	40.99	41.60	1.57	ppb
Molybdenum	95-1	0.20	0.25	0.24	0.23	10.70	ppb
Molybdenum	96-1	4.91	4.90	4.83	4.88	0.88	ppb
Molybdenum	97-1	0.23	0.22	0.23	0.23	2.67	ppb
Molybdenum	98-1	0.23	0.22	0.21	0.22	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.04	18.18	17.63	17.95	1.58	ppb
Phosphorus	31-2	1000.09	959.60	887.99	949.23	5.98	ppb
Potassium	39-2	4338.80	4229.80	4132.93	4233.84	2.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	1.77	1.68	1.46	1.64	9.76	ppb
Selenium	77-2	8.01	5.53	11.89	8.48	37.79	ppb
Selenium	78-2	0.92	2.06	2.29	1.76	41.90	ppb
Silicon	28-1	20.73	20.92	20.39	20.68	1.29	ppb
Silver	107-1	0.04	0.02	0.02	0.03	33.92	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	6977.71	6724.13	6826.13	6842.65	1.86	ppb
Strontium	86-1	2314.04	2240.57	2291.75	2282.12	1.65	ppb
Strontium	88-1	2326.03	2310.04	2265.36	2300.48	1.37	ppb
Sulfur	34-1	3115.68	3400.78	3181.84	3232.77	4.62	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.14	0.11	0.13	14.53	ppb
Thallium	205-1	0.13	0.14	0.12	0.13	5.78	ppb
Tin	118-1	0.50	0.58	0.57	0.55	7.54	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	596.14	619.86	599.84	605.28	2.11	ppb
Uranium	238-1	0.89	0.82	0.82	0.85	4.95	ppb
Vanadium	51-2	23.37	22.56	22.22	22.72	2.59	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	37.68	34.81	34.90	35.80	4.56	ppb
Zirconium	90-1	21.78	21.29	21.70	21.59	1.21	ppb
Zirconium	91-1	21.31	21.85	21.53	21.57	1.24	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49970.17	49551.49	49290.66	49604.11	0.69	ppb
Antimony	121-1	515.73	514.21	519.19	516.38	0.50	ppb
Arsenic	75-2	494.69	464.05	454.17	470.97	4.49	ppb
Barium	135-1	2512.34	2494.18	2405.12	2470.55	2.32	ppb
Barium	137-1	2410.78	2488.46	2472.81	2457.35	1.67	ppb
Beryllium	9-1	472.89	463.60	469.80	468.77	1.01	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	530.49	530.32	545.94	535.58	1.67	ppb
Boron	11-1	490.99	484.06	497.56	490.87	1.38	ppb
Bromine	81-1						cps
Cadmium	111-1	487.94	488.38	486.91	487.74	0.15	ppb
Cadmium	106-1	490.64	489.95	497.92	492.84	0.90	ppb
Cadmium	108-1	497.14	505.43	504.41	502.33	0.90	ppb
Calcium	43-1	245902.07	252665.07	242537.21	247034.78	2.09	ppb
Calcium	44-1	239500.50	244836.89	237300.03	240545.81	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.06	474.44	467.68	470.73	0.73	ppb
Cobalt	59-2	470.84	486.47	480.30	479.20	1.64	ppb
Copper	63-2	5093.53	5041.89	5081.97	5072.46	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				108		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	54-2	122254.30	121911.16	122089.71	122085.06	0.14	ppb
Iron	56-2	125247.34	122781.10	122939.01	123655.82	1.12	ppb
Iron	57-2	127480.82	128153.17	124192.93	126608.97	1.67	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.70	2446.92	2520.92	2462.18	2.14	ppb
Lead	207-1	2389.59	2419.38	2477.57	2428.85	1.84	ppb
Lead	208-1	2427.99	2450.97	2500.38	2459.78	1.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	245691.49	247439.84	245090.69	246074.01	0.50	ppb
Manganese	55-2	4862.27	4804.13	4843.46	4836.62	0.61	ppb
Molybdenum	94-1	4766.59	4926.56	4788.47	4827.21	1.80	ppb
Molybdenum	95-1	4854.33	4862.83	4740.22	4819.12	1.42	ppb
Molybdenum	96-1	4771.09	4740.71	4827.88	4779.89	0.93	ppb
Molybdenum	97-1	4807.40	4779.96	4829.54	4805.63	0.52	ppb
Molybdenum	98-1	4769.84	4752.72	4811.13	4777.90	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.06	496.46	485.55	489.69	1.21	ppb
Phosphorus	31-2	9702.75	9665.19	9474.11	9614.02	1.28	ppb
Potassium	39-2	122747.49	120657.62	119976.47	121127.19	1.19	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	478.24	474.06	471.29	474.53	0.74	ppb
Selenium	77-2	512.60	465.25	423.08	466.98	9.59	ppb
Selenium	78-2	513.04	475.11	465.10	484.42	5.22	ppb
Silicon	28-1	563.24	550.07	532.09	548.47	2.85	ppb
Silver	107-1	492.84	480.84	494.59	489.42	1.53	ppb
Silver	109-1	476.21	481.69	484.63	480.84	0.89	ppb
Sodium	23-2	243650.89	244508.79	243828.32	243996.00	0.19	ppb
Strontium	86-1	11981.00	12247.03	11954.26	12060.76	1.34	ppb
Strontium	88-1	12189.48	12206.48	12081.97	12159.31	0.56	ppb
Sulfur	34-1	11951.70	11166.13	11006.25	11374.70	4.45	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	488.31	497.42	519.53	501.75	3.20	ppb
Thallium	205-1	491.14	490.06	514.08	498.43	2.72	ppb
Tin	118-1	492.37	501.42	490.31	494.70	1.20	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5024.87	4897.94	4692.64	4871.82	3.44	ppb
Uranium	238-1	480.76	492.47	502.18	491.81	2.18	ppb
Vanadium	51-2	478.01	479.29	472.62	476.64	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	4885.41	4842.73	4808.64	4845.59	0.79	ppb
Zirconium	90-1	489.37	489.51	481.79	486.89	0.91	ppb
Zirconium	91-1	486.34	504.21	480.72	490.42	2.50	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.00	0.43	0.36	92.56	ppb
Antimony	121-1	0.08	0.08	0.11	0.09	19.17	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	56.12	ppb
Barium	135-1	0.09	-0.01	0.02	0.03	175.78	ppb
Barium	137-1	0.05	0.03	0.01	0.03	73.76	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	14.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	10.82	10.22	9.71	10.25	5.39	ppb
Boron	11-1	10.60	10.25	9.68	10.18	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.11	-0.14	-0.11		ppb
Cadmium	106-1	-1.73	-2.61	-4.39	-2.91		ppb
Cadmium	108-1	1.09	0.97	0.87	0.98	11.03	ppb
Calcium	43-1	4.92	2.88	0.95	2.92	68.13	ppb
Calcium	44-1	0.12	-2.88	-3.70	-2.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.07	0.07	0.05	80.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.04	0.04	0.05	26.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	-0.40	-0.30	0.92	0.07	1028.41	ppb
Iron	56-2	1.13	1.02	1.29	1.15	12.04	ppb
Iron	57-2	-0.61	0.35	0.92	0.22	353.09	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.02	0.04	41.21	ppb
Lead	207-1	0.04	0.05	0.05	0.05	11.65	ppb
Lead	208-1	0.04	0.05	0.05	0.05	9.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.90	2.40	2.09	2.13	12.06	ppb
Manganese	55-2	0.04	0.01	0.03	0.03	61.50	ppb
Molybdenum	94-1	0.17	0.13	0.12	0.14	18.72	ppb
Molybdenum	95-1	0.17	0.10	0.07	0.12	46.78	ppb
Molybdenum	96-1	0.12	0.09	0.05	0.09	40.25	ppb
Molybdenum	97-1	0.11	0.12	0.07	0.10	24.39	ppb
Molybdenum	98-1	0.14	0.12	0.07	0.11	35.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.04	0.05	10.68	ppb
Phosphorus	31-2	-10.58	-20.98	-16.78	-16.11		ppb
Potassium	39-2	-0.62	7.42	5.11	3.97	104.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.06	-0.12	0.03	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.65	-0.31	0.28	-0.22		ppb
Silicon	28-1	-0.02	-0.55	-0.71	-0.43		ppb
Silver	107-1	0.02	0.02	0.01	0.02	48.26	ppb
Silver	109-1	0.03	0.02	0.01	0.02	52.35	ppb
Sodium	23-2	10.31	8.37	6.01	8.23	26.18	ppb
Strontium	86-1	0.15	0.10	0.05	0.10	53.01	ppb
Strontium	88-1	0.17	0.12	0.10	0.13	28.32	ppb
Sulfur	34-1	188.23	-409.26	-466.90	-229.31		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.01	20.54	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	346.03	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	219.08	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.04	0.02	0.02	56.63	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	115.83	ppb
Vanadium	51-2	0.00	0.00	-0.01	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				100		%
Zinc	66-2	-0.09	0.08	-0.20	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.22	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	19.93	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	374.37	371.33	378.35	374.68	0.94	ppb
Antimony	121-1	0.08	0.06	0.09	0.08	18.93	ppb
Arsenic	75-2	1.92	1.90	1.95	1.92	1.39	ppb
Barium	135-1	225.80	228.04	219.03	224.29	2.09	ppb
Barium	137-1	230.86	228.96	226.29	228.70	1.00	ppb
Beryllium	9-1	0.19	0.19	0.18	0.19	1.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	23.87	24.27	24.52	24.22	1.35	ppb
Boron	11-1	24.14	24.40	24.87	24.47	1.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.87	0.85	0.89	6.27	ppb
Cadmium	106-1	-1.00	-0.97	-1.80	-1.26		ppb
Cadmium	108-1	1.21	1.07	1.22	1.17	7.24	ppb
Calcium	43-1	15258.79	15062.52	14935.20	15085.50	1.08	ppb
Calcium	44-1	14932.21	15185.96	14666.21	14928.13	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.14	2.85	2.97	2.99	4.85	ppb
Cobalt	59-2	110.48	109.68	107.47	109.21	1.43	ppb
Copper	63-2	4.03	3.98	3.66	3.89	5.14	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				106		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	2336.15	2288.32	2225.85	2283.44	2.42	ppb
Iron	56-2	2406.10	2319.88	2338.76	2354.92	1.92	ppb
Iron	57-2	2347.30	2217.41	2279.09	2281.27	2.85	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.20	1.30	1.15	1.22	6.17	ppb
Lead	207-1	1.20	1.16	1.10	1.16	4.28	ppb
Lead	208-1	1.24	1.11	1.11	1.15	6.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	8915.61	8781.14	8369.95	8688.90	3.27	ppb
Manganese	55-2	6079.37	5911.73	5711.77	5900.96	3.12	ppb
Molybdenum	94-1	1.38	1.21	1.14	1.24	10.16	ppb
Molybdenum	95-1	0.58	0.69	0.62	0.63	9.25	ppb
Molybdenum	96-1	0.50	0.41	0.50	0.47	11.63	ppb
Molybdenum	97-1	0.36	0.30	0.32	0.33	8.72	ppb
Molybdenum	98-1	0.30	0.36	0.33	0.33	8.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.72	17.26	16.22	17.07	4.50	ppb
Phosphorus	31-2	42.47	41.57	54.74	46.26	15.90	ppb
Potassium	39-2	3869.15	3722.58	3738.27	3776.67	2.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	1.41	1.78	1.25	1.48	18.36	ppb
Selenium	77-2	2.00	4.57	1.99	2.86	52.03	ppb
Selenium	78-2	0.91	0.38	1.72	1.00	67.37	ppb
Silicon	28-1	309.65	309.55	301.08	306.76	1.60	ppb
Silver	107-1	0.01	-0.01	-0.01	0.00	1277.00	ppb
Silver	109-1	0.00	0.00	0.00	0.00	99.21	ppb
Sodium	23-2	73473.17	73473.92	70103.83	72350.30	2.69	ppb
Strontium	86-1	112.52	115.38	112.58	113.49	1.44	ppb
Strontium	88-1	117.02	114.14	113.61	114.92	1.60	ppb
Sulfur	34-1	9255.55	8969.54	8852.47	9025.85	2.30	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1.45	1.38	1.33	1.39	4.28	ppb
Thallium	205-1	1.39	1.43	1.31	1.38	4.52	ppb
Tin	118-1	0.37	0.35	0.38	0.37	3.70	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.66	7.34	8.40	7.80	6.92	ppb
Uranium	238-1	0.18	0.16	0.17	0.17	5.26	ppb
Vanadium	51-2	6.64	6.38	6.48	6.50	2.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	137.11	134.66	134.15	135.30	1.17	ppb
Zirconium	90-1	0.45	0.46	0.45	0.46	1.77	ppb
Zirconium	91-1	0.48	0.48	0.45	0.47	3.61	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.54	62.66	37.63	40.28	52.61	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	21.12	ppb
Arsenic	75-2	0.15	0.26	0.27	0.23	29.99	ppb
Barium	135-1	210.58	214.77	218.14	214.50	1.77	ppb
Barium	137-1	208.50	216.90	223.30	216.23	3.43	ppb
Beryllium	9-1	0.12	0.12	0.12	0.12	0.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	22.53	22.93	22.49	22.65	1.10	ppb
Boron	11-1	22.80	23.65	23.73	23.40	2.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.88	0.88	0.93	0.90	2.82	ppb
Cadmium	106-1	-1.62	-3.31	-1.96	-2.29		ppb
Cadmium	108-1	0.96	0.91	1.10	0.99	10.28	ppb
Calcium	43-1	15051.22	15014.72	14895.98	14987.31	0.54	ppb
Calcium	44-1	15501.65	14854.18	14925.79	15093.87	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.92	0.78	0.77	20.38	ppb
Cobalt	59-2	105.38	105.35	102.35	104.36	1.67	ppb
Copper	63-2	1.67	3.89	2.61	2.72	40.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	14.10	94.81	48.08	52.33	77.43	ppb
Iron	56-2	14.56	93.09	45.92	51.19	77.23	ppb
Iron	57-2	31.44	113.29	58.91	67.88	61.37	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.16	0.13	16.50	ppb
Lead	207-1	0.15	0.14	0.14	0.14	3.39	ppb
Lead	208-1	0.14	0.14	0.12	0.14	9.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	9247.60	9419.77	8809.17	9158.85	3.44	ppb
Manganese	55-2	5529.04	5470.98	5537.69	5512.57	0.66	ppb
Molybdenum	94-1	0.09	0.11	0.12	0.11	12.02	ppb
Molybdenum	95-1	0.31	0.29	0.28	0.29	5.52	ppb
Molybdenum	96-1	0.09	0.07	0.10	0.09	13.65	ppb
Molybdenum	97-1	0.08	0.07	0.09	0.08	8.67	ppb
Molybdenum	98-1	0.09	0.07	0.12	0.09	25.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.97	17.33	16.75	17.02	1.71	ppb
Phosphorus	31-2	-4.63	-3.68	-10.46	-6.26		ppb
Potassium	39-2	3886.13	3962.20	3847.62	3898.65	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	1.26	1.73	1.58	1.52	15.84	ppb
Selenium	77-2	1.95	0.65	2.65	1.75	58.17	ppb
Selenium	78-2	1.01	0.79	2.06	1.28	52.99	ppb
Silicon	28-1	286.47	283.60	282.79	284.29	0.68	ppb
Silver	107-1	-0.03	-0.02	-0.02	-0.03		ppb
Silver	109-1	-0.03	-0.02	-0.03	-0.03		ppb
Sodium	23-2	75506.48	74982.01	73416.74	74635.08	1.46	ppb
Strontium	86-1	115.17	116.16	115.44	115.59	0.44	ppb
Strontium	88-1	118.67	117.60	116.94	117.74	0.74	ppb
Sulfur	34-1	9366.35	8790.09	8850.76	9002.40	3.52	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1.30	1.38	1.35	1.34	2.77	ppb
Thallium	205-1	1.37	1.33	1.31	1.34	2.17	ppb
Tin	118-1	0.09	0.08	0.11	0.09	19.71	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.69	0.59	0.54	0.61	12.23	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	24.44	ppb
Vanadium	51-2	0.15	0.44	0.27	0.29	51.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	135.32	140.26	136.16	137.25	1.92	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	36.20	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	78.65	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	466.66	479.29	438.62	461.52	4.51	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	23.58	ppb
Arsenic	75-2	1.86	1.73	1.75	1.78	3.81	ppb
Barium	135-1	231.59	228.88	220.18	226.88	2.63	ppb
Barium	137-1	233.30	231.51	226.08	230.29	1.63	ppb
Beryllium	9-1	0.17	0.18	0.17	0.17	2.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	22.66	22.26	22.39	22.44	0.93	ppb
Boron	11-1	22.81	22.91	23.51	23.08	1.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.81	0.81	0.83	0.82	1.52	ppb
Cadmium	106-1	-2.92	-2.34	-2.81	-2.69		ppb
Cadmium	108-1	1.22	1.09	0.84	1.05	18.20	ppb
Calcium	43-1	14674.67	15450.84	15114.02	15079.84	2.58	ppb
Calcium	44-1	14738.72	15123.83	14844.39	14902.32	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.04	3.08	2.99	3.04	1.48	ppb
Cobalt	59-2	112.32	112.72	109.05	111.36	1.81	ppb
Copper	63-2	3.84	3.86	3.72	3.81	1.97	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				107		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	54-2	2368.66	2409.30	2305.55	2361.17	2.21	ppb
Iron	56-2	2431.19	2410.85	2383.57	2408.54	0.99	ppb
Iron	57-2	2428.38	2415.14	2312.21	2385.24	2.67	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.20	1.12	1.18	1.17	3.52	ppb
Lead	207-1	1.20	1.08	1.15	1.15	5.25	ppb
Lead	208-1	1.18	1.16	1.14	1.16	1.57	ppb
Lithium	6-1				110		%
Magnesium	24-2	8927.98	8689.01	8771.06	8796.02	1.38	ppb
Manganese	55-2	5911.16	5927.11	5743.92	5860.73	1.73	ppb
Molybdenum	94-1	1.32	1.10	1.29	1.24	9.50	ppb
Molybdenum	95-1	0.54	0.55	0.55	0.55	1.27	ppb
Molybdenum	96-1	0.44	0.47	0.45	0.45	3.60	ppb
Molybdenum	97-1	0.26	0.27	0.29	0.28	6.61	ppb
Molybdenum	98-1	0.29	0.32	0.31	0.31	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.36	17.48	16.77	17.20	2.21	ppb
Phosphorus	31-2	45.60	32.29	44.80	40.89	18.25	ppb
Potassium	39-2	3917.08	3853.97	3747.06	3839.37	2.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	1.63	1.12	1.14	1.30	22.53	ppb
Selenium	77-2	3.29	1.29	1.95	2.18	46.76	ppb
Selenium	78-2	1.54	1.20	0.41	1.05	55.33	ppb
Silicon	28-1	305.23	328.24	305.38	312.95	4.23	ppb
Silver	107-1	0.01	0.00	0.00	0.00	345.87	ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	72748.59	71697.48	69923.07	71456.38	2.00	ppb
Strontium	86-1	113.87	112.71	112.00	112.86	0.84	ppb
Strontium	88-1	115.49	115.58	115.41	115.49	0.08	ppb
Sulfur	34-1	8482.64	9344.71	8787.71	8871.68	4.93	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.41	1.39	1.32	1.37	3.61	ppb
Thallium	205-1	1.36	1.32	1.34	1.34	1.39	ppb
Tin	118-1	0.29	0.28	0.28	0.28	3.06	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.51	9.71	7.35	8.52	13.88	ppb
Uranium	238-1	0.17	0.18	0.18	0.17	3.55	ppb
Vanadium	51-2	6.70	6.49	6.61	6.60	1.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	135.39	136.30	131.65	134.45	1.84	ppb
Zirconium	90-1	0.49	0.51	0.49	0.50	2.88	ppb
Zirconium	91-1	0.50	0.57	0.56	0.54	6.82	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89.81	87.22	83.30	86.78	3.78	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	45.86	ppb
Arsenic	75-2	0.33	0.46	0.35	0.38	18.77	ppb
Barium	135-1	45.05	43.76	43.47	44.09	1.90	ppb
Barium	137-1	45.73	45.78	44.23	45.25	1.95	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	8.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	8.58	8.58	8.46	8.54	0.80	ppb
Boron	11-1	8.90	9.16	9.04	9.03	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.15	0.10	0.12	18.82	ppb
Cadmium	106-1	-2.24	-1.90	-4.14	-2.76		ppb
Cadmium	108-1	0.23	0.62	0.10	0.32	84.53	ppb
Calcium	43-1	3022.57	3079.47	2922.54	3008.20	2.64	ppb
Calcium	44-1	3061.30	3020.62	2951.62	3011.18	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.62	0.61	0.60	3.19	ppb
Cobalt	59-2	21.79	22.59	22.10	22.16	1.84	ppb
Copper	63-2	0.75	0.76	0.75	0.75	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	459.14	504.64	476.70	480.16	4.78	ppb
Iron	56-2	470.25	484.82	477.67	477.58	1.53	ppb
Iron	57-2	464.71	487.82	487.06	479.86	2.74	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.27	0.26	0.25	10.02	ppb
Lead	207-1	0.25	0.25	0.28	0.26	6.12	ppb
Lead	208-1	0.25	0.23	0.24	0.24	3.99	ppb
Lithium	6-1				110		%
Magnesium	24-2	1698.69	1780.02	1748.66	1742.46	2.35	ppb
Manganese	55-2	1175.62	1186.31	1148.09	1170.01	1.69	ppb
Molybdenum	94-1	0.31	0.22	0.23	0.25	20.78	ppb
Molybdenum	95-1	0.12	0.09	0.09	0.10	19.21	ppb
Molybdenum	96-1	0.10	0.09	0.09	0.09	6.77	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	7.73	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.26	3.43	3.56	3.42	4.34	ppb
Phosphorus	31-2	-9.28	-10.26	-1.69	-7.07		ppb
Potassium	39-2	754.88	773.98	772.48	767.11	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.58	0.71	0.44	0.58	22.69	ppb
Selenium	77-2	1.27	0.64	0.65	0.86	42.22	ppb
Selenium	78-2	-0.56	-0.11	-0.10	-0.26		ppb
Silicon	28-1	61.00	60.60	59.12	60.24	1.65	ppb
Silver	107-1	-0.04	-0.04	-0.03	-0.04		ppb
Silver	109-1	-0.04	-0.04	-0.04	-0.04		ppb
Sodium	23-2	14294.11	14575.29	14395.06	14421.49	0.99	ppb
Strontium	86-1	22.86	22.87	22.62	22.78	0.61	ppb
Strontium	88-1	23.01	23.12	22.75	22.96	0.83	ppb
Sulfur	34-1	1214.46	1453.73	1233.33	1300.51	10.23	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.29	0.27	0.26	14.64	ppb
Thallium	205-1	0.24	0.29	0.28	0.27	9.05	ppb
Tin	118-1	0.03	0.05	0.05	0.04	29.98	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.64	1.35	2.66	2.22	33.90	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.25	ppb
Vanadium	51-2	1.25	1.38	1.31	1.31	4.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	27.17	28.62	27.44	27.74	2.78	ppb
Zirconium	90-1	0.11	0.09	0.10	0.10	11.61	ppb
Zirconium	91-1	0.12	0.11	0.11	0.11	6.26	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MS	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:30:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11624.15	11681.34	11638.97	11648.16	0.25	ppb
Antimony	121-1	456.05	452.26	441.56	449.96	1.67	ppb
Arsenic	75-2	503.08	502.54	517.63	507.75	1.69	ppb
Barium	135-1	2586.90	2411.33	2418.79	2472.34	4.02	ppb
Barium	137-1	2565.82	2473.78	2464.65	2501.42	2.24	ppb
Beryllium	9-1	441.73	458.11	444.80	448.21	1.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	185.56	197.17	199.24	193.99	3.80	ppb
Boron	11-1	179.23	185.44	184.37	183.02	1.81	ppb
Bromine	81-1						cps
Cadmium	111-1	478.00	467.37	466.31	470.56	1.37	ppb
Cadmium	106-1	471.44	455.65	459.87	462.32	1.77	ppb
Cadmium	108-1	473.71	461.24	455.46	463.47	2.01	ppb
Calcium	43-1	59776.80	59345.36	60365.82	59829.33	0.86	ppb
Calcium	44-1	60079.50	58384.47	60177.87	59547.28	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451.09	452.54	453.62	452.42	0.28	ppb
Cobalt	59-2	599.12	596.21	595.78	597.03	0.30	ppb
Copper	63-2	4665.99	4678.55	4840.13	4728.22	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	54-2	28695.78	29606.79	28554.51	28952.36	1.97	ppb
Iron	56-2	28271.64	27889.90	28599.26	28253.60	1.26	ppb
Iron	57-2	27706.49	27893.82	27625.13	27741.82	0.50	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MS	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:30:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2098.73	2165.08	2085.07	2116.29	2.02	ppb
Lead	207-1	2087.12	2131.84	2073.52	2097.50	1.45	ppb
Lead	208-1	2170.11	2117.95	2126.39	2138.15	1.31	ppb
Lithium	6-1				111		%
Magnesium	24-2	59028.86	60666.26	61046.88	60247.33	1.78	ppb
Manganese	55-2	10657.07	10624.07	10418.04	10566.39	1.23	ppb
Molybdenum	94-1	2227.07	2273.44	2182.96	2227.82	2.03	ppb
Molybdenum	95-1	1803.38	1776.24	1749.77	1776.46	1.51	ppb
Molybdenum	96-1	1840.11	1857.49	1806.14	1834.58	1.42	ppb
Molybdenum	97-1	1775.78	1845.74	1777.40	1799.64	2.22	ppb
Molybdenum	98-1	1780.15	1736.72	1746.19	1754.35	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.10	483.72	494.41	487.08	1.31	ppb
Phosphorus	31-2	38.21	50.45	52.47	47.04	16.40	ppb
Potassium	39-2	24946.32	24753.78	24690.21	24796.77	0.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	450.26	441.64	446.61	446.17	0.97	ppb
Selenium	77-2	502.23	445.56	470.84	472.88	6.00	ppb
Selenium	78-2	498.16	482.07	479.66	486.63	2.07	ppb
Silicon	28-1	381.92	402.20	394.36	392.83	2.60	ppb
Silver	107-1	1.34	1.29	1.35	1.33	2.34	ppb
Silver	109-1	0.78	0.76	0.76	0.77	1.50	ppb
Sodium	23-2	126115.20	126346.71	126528.46	126330.12	0.16	ppb
Strontium	86-1	547.40	548.69	552.21	549.44	0.45	ppb
Strontium	88-1	550.04	541.86	554.06	548.66	1.13	ppb
Sulfur	34-1	9015.13	8770.63	8686.47	8824.08	1.93	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	441.41	435.09	442.32	439.61	0.89	ppb
Thallium	205-1	435.79	447.87	430.52	438.06	2.03	ppb
Tin	118-1	460.27	444.45	442.57	449.10	2.17	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MS	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:30:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1816.72	1845.38	1849.43	1837.17	0.97	ppb
Uranium	238-1	447.20	446.65	415.33	436.39	4.18	ppb
Vanadium	51-2	478.45	477.64	475.91	477.33	0.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	4878.35	4692.95	4863.02	4811.44	2.14	ppb
Zirconium	90-1	424.29	419.13	425.17	422.87	0.77	ppb
Zirconium	91-1	434.63	427.88	431.38	431.30	0.78	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11357.97	10957.87	10736.72	11017.52	2.86	ppb
Antimony	121-1	431.11	444.46	429.76	435.11	1.87	ppb
Arsenic	75-2	473.28	485.25	468.66	475.73	1.80	ppb
Barium	135-1	2399.16	2432.30	2325.93	2385.80	2.28	ppb
Barium	137-1	2444.96	2393.42	2346.48	2394.95	2.06	ppb
Beryllium	9-1	449.41	450.01	458.52	452.65	1.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	200.85	204.82	213.61	206.43	3.16	ppb
Boron	11-1	182.06	195.21	204.85	194.04	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	460.78	457.15	450.98	456.31	1.09	ppb
Cadmium	106-1	445.84	461.17	454.09	453.70	1.69	ppb
Cadmium	108-1	450.18	461.25	433.82	448.42	3.08	ppb
Calcium	43-1	61926.82	60161.76	58664.37	60250.98	2.71	ppb
Calcium	44-1	60340.74	60264.62	57624.00	59409.79	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	444.50	432.72	413.62	430.28	3.62	ppb
Cobalt	59-2	593.80	567.78	554.49	572.02	3.50	ppb
Copper	63-2	4588.84	4480.63	4327.02	4465.50	2.95	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				108		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	28392.40	27681.98	26762.48	27612.29	2.96	ppb
Iron	56-2	27199.43	26867.75	26131.28	26732.82	2.05	ppb
Iron	57-2	26615.97	26429.95	25695.93	26247.28	1.85	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2114.74	2218.88	2136.97	2156.86	2.54	ppb
Lead	207-1	2089.64	2185.21	2129.59	2134.81	2.25	ppb
Lead	208-1	2135.79	2133.37	2143.93	2137.70	0.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	57757.64	56914.06	57195.26	57288.99	0.75	ppb
Manganese	55-2	10138.62	10206.05	9691.30	10011.99	2.79	ppb
Molybdenum	94-1	2214.39	2274.68	2246.18	2245.08	1.34	ppb
Molybdenum	95-1	1784.41	1743.24	1786.75	1771.47	1.38	ppb
Molybdenum	96-1	1827.04	1727.34	1793.41	1782.60	2.85	ppb
Molybdenum	97-1	1796.52	1696.96	1808.22	1767.23	3.46	ppb
Molybdenum	98-1	1787.80	1705.29	1737.70	1743.60	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.32	463.02	446.32	459.89	2.67	ppb
Phosphorus	31-2	36.77	53.94	27.49	39.40	34.06	ppb
Potassium	39-2	23153.44	23067.28	22955.50	23058.74	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	449.51	433.56	449.54	444.20	2.07	ppb
Selenium	77-2	469.60	465.48	438.88	457.99	3.64	ppb
Selenium	78-2	452.30	473.11	453.46	459.63	2.54	ppb
Silicon	28-1	389.89	397.02	410.89	399.27	2.68	ppb
Silver	107-1	1.20	1.24	1.28	1.24	3.50	ppb
Silver	109-1	0.76	0.74	0.75	0.75	1.46	ppb
Sodium	23-2	121044.57	116990.12	118156.17	118730.29	1.76	ppb
Strontium	86-1	562.38	553.67	552.55	556.20	0.97	ppb
Strontium	88-1	550.62	546.59	543.60	546.94	0.64	ppb
Sulfur	34-1	8866.94	8571.20	8133.42	8523.86	4.33	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	441.68	435.44	438.56	438.56	0.71	ppb
Thallium	205-1	433.31	440.37	433.01	435.57	0.96	ppb
Tin	118-1	436.14	429.20	419.18	428.17	1.99	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1848.17	1794.78	1750.96	1797.97	2.71	ppb
Uranium	238-1	437.46	444.28	432.55	438.10	1.34	ppb
Vanadium	51-2	463.02	454.71	441.55	453.09	2.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	4638.36	4524.62	4447.04	4536.67	2.12	ppb
Zirconium	90-1	427.64	420.25	418.04	421.98	1.19	ppb
Zirconium	91-1	429.83	424.53	426.54	426.97	0.63	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10562.30	10140.29	10268.05	10323.55	2.10	ppb
Antimony	121-1	434.25	423.13	427.31	428.23	1.31	ppb
Arsenic	75-2	441.43	434.42	435.53	437.13	0.86	ppb
Barium	135-1	2399.75	2347.53	2347.75	2365.01	1.27	ppb
Barium	137-1	2405.66	2355.36	2299.92	2353.65	2.25	ppb
Beryllium	9-1	432.05	420.75	404.38	419.06	3.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	186.98	192.49	187.93	189.14	1.56	ppb
Boron	11-1	168.27	173.97	181.04	174.43	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	460.72	451.14	443.53	451.79	1.91	ppb
Cadmium	106-1	463.54	438.50	439.99	447.34	3.14	ppb
Cadmium	108-1	447.90	423.71	426.85	432.82	3.04	ppb
Calcium	43-1	59490.19	59022.23	56097.48	58203.30	3.16	ppb
Calcium	44-1	57220.95	56690.17	55661.24	56524.12	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	405.54	394.53	392.38	397.49	1.78	ppb
Cobalt	59-2	548.24	520.89	529.37	532.83	2.63	ppb
Copper	63-2	4123.58	4071.82	4073.50	4089.63	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	26662.38	25852.33	25080.05	25864.92	3.06	ppb
Iron	56-2	27571.95	24138.08	24966.48	25558.84	7.01	ppb
Iron	57-2	24924.62	25227.53	24148.94	24767.03	2.25	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2092.35	2006.13	1958.95	2019.14	3.35	ppb
Lead	207-1	2022.47	1958.14	1919.39	1966.67	2.65	ppb
Lead	208-1	2067.54	1988.96	1929.17	1995.23	3.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	54989.78	51165.19	52521.50	52892.16	3.67	ppb
Manganese	55-2	10149.94	9604.16	9617.37	9790.49	3.18	ppb
Molybdenum	94-1	2111.49	2129.03	2067.30	2102.61	1.51	ppb
Molybdenum	95-1	1676.46	1654.72	1633.30	1654.83	1.30	ppb
Molybdenum	96-1	1715.45	1697.36	1699.78	1704.20	0.58	ppb
Molybdenum	97-1	1664.47	1684.15	1668.51	1672.38	0.62	ppb
Molybdenum	98-1	1684.30	1639.01	1647.48	1656.93	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	432.57	416.77	422.87	424.07	1.88	ppb
Phosphorus	31-2	69.20	41.66	40.97	50.61	31.82	ppb
Potassium	39-2	22592.78	21013.64	22566.44	22057.62	4.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	417.15	414.54	412.86	414.85	0.52	ppb
Selenium	77-2	421.62	403.93	399.83	408.46	2.83	ppb
Selenium	78-2	432.65	412.88	422.21	422.58	2.34	ppb
Silicon	28-1	424.70	491.84	393.63	436.72	11.49	ppb
Silver	107-1	293.99	291.33	427.59	337.64	23.07	ppb
Silver	109-1	344.12	327.00	279.02	316.71	10.66	ppb
Sodium	23-2	115647.83	107636.76	112250.71	111845.10	3.60	ppb
Strontium	86-1	525.48	524.60	523.51	524.53	0.19	ppb
Strontium	88-1	543.31	514.74	514.40	524.15	3.17	ppb
Sulfur	34-1	9012.14	8649.93	8262.70	8641.59	4.34	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	438.91	405.36	395.29	413.18	5.53	ppb
Thallium	205-1	428.92	408.17	402.16	413.08	3.40	ppb
Tin	118-1	429.09	422.41	424.93	425.48	0.79	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1756.11	1674.28	1665.77	1698.72	2.94	ppb
Uranium	238-1	420.85	406.10	378.57	401.84	5.34	ppb
Vanadium	51-2	428.91	415.85	413.13	419.30	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	4135.39	4081.51	4100.87	4105.93	0.66	ppb
Zirconium	90-1	409.88	396.72	402.24	402.95	1.64	ppb
Zirconium	91-1	409.32	402.00	401.00	404.11	1.12	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66122.37	64346.68	62048.50	64172.51	3.18	ppb
Antimony	121-1	0.40	0.32	0.38	0.37	10.27	ppb
Arsenic	75-2	10.50	10.54	10.21	10.42	1.74	ppb
Barium	135-1	272.21	275.41	267.16	271.59	1.53	ppb
Barium	137-1	274.03	279.83	276.09	276.65	1.06	ppb
Beryllium	9-1	8.03	7.68	7.74	7.81	2.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	18.66	18.03	18.26	18.32	1.73	ppb
Boron	11-1	18.90	18.11	18.29	18.43	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.83	0.76	0.84	9.58	ppb
Cadmium	106-1	12.59	13.51	12.47	12.86	4.45	ppb
Cadmium	108-1	3.87	4.40	4.19	4.15	6.46	ppb
Calcium	43-1	43991.63	44308.82	43275.43	43858.63	1.21	ppb
Calcium	44-1	42504.78	43667.90	41937.05	42703.24	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144.72	139.57	136.72	140.34	2.89	ppb
Cobalt	59-2	89.05	85.22	83.10	85.79	3.52	ppb
Copper	63-2	192.97	187.21	182.35	187.51	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				117		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	54-2	135365.22	127125.71	125763.58	129418.17	4.01	ppb
Iron	56-2	138307.15	130653.30	127794.71	132251.72	4.11	ppb
Iron	57-2	142066.92	130714.35	129881.14	134220.80	5.07	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.20	26.76	26.10	26.35	1.34	ppb
Lead	207-1	16.72	17.46	16.53	16.90	2.90	ppb
Lead	208-1	21.85	22.09	21.60	21.85	1.12	ppb
Lithium	6-1				114		%
Magnesium	24-2	44489.82	43082.98	42009.49	43194.10	2.88	ppb
Manganese	55-2	937.66	902.50	877.83	906.00	3.32	ppb
Molybdenum	94-1	43.38	44.41	45.18	44.32	2.04	ppb
Molybdenum	95-1	5.88	5.63	5.85	5.79	2.37	ppb
Molybdenum	96-1	11.58	10.94	11.64	11.39	3.44	ppb
Molybdenum	97-1	5.91	5.59	5.85	5.78	3.00	ppb
Molybdenum	98-1	5.63	5.56	5.69	5.63	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.73	111.21	106.86	111.27	3.99	ppb
Phosphorus	31-2	8179.57	8106.44	7885.87	8057.29	1.90	ppb
Potassium	39-2	19784.98	19415.77	19304.10	19501.62	1.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				119		%
Scandium	45-2				109		%
Selenium	82-1	3.80	2.96	4.23	3.66	17.58	ppb
Selenium	77-2	148.39	144.73	131.28	141.47	6.37	ppb
Selenium	78-2	30.19	32.02	28.66	30.29	5.56	ppb
Silicon	28-1	106.51	114.13	108.01	109.55	3.68	ppb
Silver	107-1	0.39	0.34	0.35	0.36	6.23	ppb
Silver	109-1	0.37	0.36	0.32	0.35	6.74	ppb
Sodium	23-2	1911.81	1885.82	1822.04	1873.22	2.47	ppb
Strontium	86-1	68.58	68.39	69.30	68.76	0.70	ppb
Strontium	88-1	68.56	69.37	69.67	69.20	0.83	ppb
Sulfur	34-1	12528.13	13686.21	12538.38	12917.57	5.15	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	1.85	1.74	1.86	1.82	3.60	ppb
Thallium	205-1	1.87	1.84	1.80	1.84	1.94	ppb
Tin	118-1	2.79	2.67	2.63	2.70	3.17	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2360.75	2452.65	2325.35	2379.58	2.76	ppb
Uranium	238-1	20.17	20.95	20.32	20.48	2.01	ppb
Vanadium	51-2	383.10	369.30	365.61	372.67	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				164		%
Yttrium	89-2				149		%
Zinc	66-2	233.06	226.71	216.56	225.44	3.69	ppb
Zirconium	90-1	19.92	20.42	20.94	20.43	2.49	ppb
Zirconium	91-1	20.01	20.69	21.34	20.68	3.20	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13248.77	13171.26	13105.19	13175.07	0.55	ppb
Antimony	121-1	0.15	0.14	0.52	0.27	80.26	ppb
Arsenic	75-2	2.80	2.71	2.70	2.74	2.07	ppb
Barium	135-1	56.83	55.94	56.20	56.32	0.81	ppb
Barium	137-1	57.54	58.47	57.23	57.75	1.12	ppb
Beryllium	9-1	1.56	1.64	1.90	1.70	10.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	8.08	8.20	8.07	8.11	0.87	ppb
Boron	11-1	8.14	8.46	8.27	8.29	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.18	0.60	0.32	76.55	ppb
Cadmium	106-1	2.92	1.28	0.82	1.67	66.02	ppb
Cadmium	108-1	1.17	0.94	1.51	1.21	23.87	ppb
Calcium	43-1	8903.55	9028.52	8941.74	8957.94	0.71	ppb
Calcium	44-1	9019.16	9163.97	9005.87	9063.00	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.66	28.79	28.73	29.06	1.78	ppb
Cobalt	59-2	17.91	17.90	17.50	17.77	1.32	ppb
Copper	63-2	40.75	39.28	39.00	39.68	2.37	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				111		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	27790.89	26582.41	27325.82	27233.04	2.24	ppb
Iron	56-2	27554.48	28133.53	26793.35	27493.79	2.44	ppb
Iron	57-2	26682.72	26784.93	26116.01	26527.89	1.36	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.27	5.37	6.69	5.78	13.79	ppb
Lead	207-1	3.56	3.33	5.01	3.97	22.94	ppb
Lead	208-1	4.37	4.32	5.84	4.84	17.87	ppb
Lithium	6-1				115		%
Magnesium	24-2	9111.76	8986.79	9034.73	9044.43	0.70	ppb
Manganese	55-2	188.25	186.34	182.65	185.75	1.53	ppb
Molybdenum	94-1	11.43	11.85	13.81	12.36	10.28	ppb
Molybdenum	95-1	1.48	1.59	3.33	2.13	48.71	ppb
Molybdenum	96-1	3.10	3.26	4.95	3.77	27.14	ppb
Molybdenum	97-1	1.53	1.50	3.27	2.10	48.12	ppb
Molybdenum	98-1	1.57	1.59	3.19	2.12	43.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.11	23.88	22.24	23.41	4.35	ppb
Phosphorus	31-2	1693.43	1671.70	1647.53	1670.89	1.37	ppb
Potassium	39-2	4012.18	4073.79	3910.84	3998.94	2.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	1.05	1.03	1.73	1.27	31.30	ppb
Selenium	77-2	36.85	31.40	34.39	34.22	7.97	ppb
Selenium	78-2	7.11	6.54	7.01	6.89	4.39	ppb
Silicon	28-1	22.86	22.96	22.68	22.83	0.61	ppb
Silver	107-1	0.22	0.17	0.15	0.18	19.15	ppb
Silver	109-1	0.22	0.19	0.18	0.20	11.68	ppb
Sodium	23-2	385.62	380.84	381.85	382.77	0.66	ppb
Strontium	86-1	18.11	18.53	18.54	18.39	1.33	ppb
Strontium	88-1	18.53	18.76	19.07	18.79	1.43	ppb
Sulfur	34-1	2641.97	2728.88	2726.43	2699.09	1.83	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.40	0.40	0.70	0.50	33.78	ppb
Thallium	205-1	0.41	0.41	0.71	0.51	34.56	ppb
Tin	118-1	0.55	0.47	0.92	0.65	37.12	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	501.80	505.95	500.52	502.76	0.56	ppb
Uranium	238-1	3.89	4.03	4.09	4.00	2.57	ppb
Vanadium	51-2	77.06	74.05	75.65	75.59	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				108		%
Zinc	66-2	48.18	46.02	44.97	46.39	3.53	ppb
Zirconium	90-1	5.50	5.49	5.86	5.62	3.74	ppb
Zirconium	91-1	5.34	5.51	5.81	5.55	4.26	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76832.39	74029.79	73953.69	74938.62	2.19	ppb
Antimony	121-1	454.51	448.77	436.68	446.65	2.04	ppb
Arsenic	75-2	344.39	348.23	322.16	338.26	4.16	ppb
Barium	135-1	2497.67	2459.30	2477.03	2478.00	0.77	ppb
Barium	137-1	2511.16	2505.11	2387.19	2467.82	2.83	ppb
Beryllium	9-1	440.21	444.57	440.48	441.75	0.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	182.63	184.29	183.74	183.55	0.46	ppb
Boron	11-1	175.25	169.68	172.70	172.54	1.62	ppb
Bromine	81-1						cps
Cadmium	111-1	466.86	455.85	451.69	458.14	1.71	ppb
Cadmium	106-1	477.79	465.63	455.94	466.45	2.35	ppb
Cadmium	108-1	453.78	463.38	429.77	448.98	3.86	ppb
Calcium	43-1	88312.80	89111.59	88595.67	88673.35	0.46	ppb
Calcium	44-1	87052.14	89460.44	86425.92	87646.17	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	558.70	546.46	534.21	546.46	2.24	ppb
Cobalt	59-2	528.35	529.93	515.73	524.67	1.48	ppb
Copper	63-2	4484.73	4393.58	4346.57	4408.29	1.59	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				115		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	160668.11	157093.19	150816.00	156192.43	3.19	ppb
Iron	56-2	158301.74	156093.41	149787.45	154727.53	2.86	ppb
Iron	57-2	162947.08	157396.72	153611.62	157985.14	2.97	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2181.45	2244.45	2204.04	2209.98	1.44	ppb
Lead	207-1	2147.92	2175.94	2228.29	2184.05	1.87	ppb
Lead	208-1	2174.64	2172.28	2218.93	2188.62	1.20	ppb
Lithium	6-1				116		%
Magnesium	24-2	91822.54	88293.17	89255.99	89790.57	2.03	ppb
Manganese	55-2	5348.71	5314.01	5083.29	5248.67	2.75	ppb
Molybdenum	94-1	1561.24	1566.20	1541.65	1556.36	0.83	ppb
Molybdenum	95-1	1168.55	1224.13	1186.77	1193.15	2.37	ppb
Molybdenum	96-1	1208.51	1239.48	1244.25	1230.74	1.58	ppb
Molybdenum	97-1	1178.26	1210.27	1223.76	1204.10	1.94	ppb
Molybdenum	98-1	1196.42	1180.16	1232.42	1203.00	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.62	529.16	524.13	529.30	0.99	ppb
Phosphorus	31-2	9204.92	9102.97	9096.59	9134.83	0.67	ppb
Potassium	39-2	38443.21	37657.33	37866.57	37989.04	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				118		%
Scandium	45-2				109		%
Selenium	82-1	313.18	312.71	314.40	313.43	0.28	ppb
Selenium	77-2	472.84	464.72	427.33	454.96	5.34	ppb
Selenium	78-2	356.76	363.70	348.23	356.23	2.17	ppb
Silicon	28-1	338.52	345.96	361.86	348.78	3.42	ppb
Silver	107-1	454.18	293.40	337.50	361.69	22.97	ppb
Silver	109-1	313.52	398.35	328.18	346.68	13.08	ppb
Sodium	23-2	48009.25	47133.98	46693.31	47278.85	1.42	ppb
Strontium	86-1	369.58	364.45	364.59	366.21	0.80	ppb
Strontium	88-1	361.11	361.39	366.28	362.93	0.80	ppb
Sulfur	34-1	12003.60	12402.23	12505.25	12303.69	2.15	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	439.93	454.72	435.81	443.48	2.24	ppb
Thallium	205-1	460.90	459.98	440.35	453.74	2.56	ppb
Tin	118-1	446.64	440.90	441.61	443.05	0.71	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4464.22	4397.62	4343.21	4401.69	1.38	ppb
Uranium	238-1	451.13	459.89	452.88	454.63	1.02	ppb
Vanadium	51-2	839.67	821.04	819.54	826.75	1.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				163		%
Yttrium	89-2				149		%
Zinc	66-2	4531.71	4464.27	4331.30	4442.43	2.30	ppb
Zirconium	90-1	303.51	303.77	305.26	304.18	0.31	ppb
Zirconium	91-1	313.51	312.16	303.13	309.60	1.82	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50247.89	48796.32	49167.72	49403.97	1.53	ppb
Antimony	121-1	477.26	472.55	482.16	477.33	1.01	ppb
Arsenic	75-2	490.79	473.54	463.60	475.98	2.89	ppb
Barium	135-1	2491.90	2376.16	2503.06	2457.04	2.86	ppb
Barium	137-1	2442.35	2404.64	2458.18	2435.06	1.13	ppb
Beryllium	9-1	465.47	475.99	469.88	470.44	1.12	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	498.06	554.39	530.86	527.77	5.36	ppb
Boron	11-1	458.64	511.42	499.69	489.92	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	481.15	477.54	495.91	484.87	2.01	ppb
Cadmium	106-1	478.49	482.40	506.67	489.19	3.12	ppb
Cadmium	108-1	492.65	482.80	512.32	495.92	3.03	ppb
Calcium	43-1	248917.84	239559.44	241607.11	243361.46	2.02	ppb
Calcium	44-1	243881.79	241837.66	238737.04	241485.50	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.72	467.34	458.42	468.16	2.17	ppb
Cobalt	59-2	486.22	479.28	464.60	476.70	2.32	ppb
Copper	63-2	5042.39	4929.58	4888.94	4953.64	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				105		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	128594.25	124958.02	122360.98	125304.42	2.50	ppb
Iron	56-2	126669.36	123548.83	123633.46	124617.22	1.43	ppb
Iron	57-2	128079.65	125490.95	125894.03	126488.21	1.10	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2529.29	2445.05	2521.42	2498.58	1.86	ppb
Lead	207-1	2511.66	2492.84	2495.08	2499.86	0.41	ppb
Lead	208-1	2541.76	2569.15	2495.27	2535.39	1.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	249078.82	244809.23	249698.22	247862.09	1.07	ppb
Manganese	55-2	5047.37	4851.09	4861.76	4920.08	2.24	ppb
Molybdenum	94-1	4893.75	4872.69	4976.04	4914.16	1.11	ppb
Molybdenum	95-1	4859.38	4933.12	4924.89	4905.80	0.82	ppb
Molybdenum	96-1	4926.10	4937.94	4845.72	4903.25	1.02	ppb
Molybdenum	97-1	4886.53	4943.66	5001.06	4943.75	1.16	ppb
Molybdenum	98-1	4881.27	5011.06	4871.69	4921.34	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.80	493.47	476.58	489.95	2.45	ppb
Phosphorus	31-2	9834.93	9831.82	9367.62	9678.13	2.78	ppb
Potassium	39-2	123807.35	123553.87	120899.38	122753.54	1.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	476.93	481.83	480.94	479.90	0.54	ppb
Selenium	77-2	534.58	474.81	453.57	487.65	8.61	ppb
Selenium	78-2	505.35	490.21	490.08	495.21	1.77	ppb
Silicon	28-1	557.10	559.85	561.50	559.48	0.40	ppb
Silver	107-1	485.45	471.94	504.77	487.39	3.39	ppb
Silver	109-1	477.29	470.14	491.76	479.73	2.30	ppb
Sodium	23-2	246460.84	245382.09	251869.34	247904.09	1.40	ppb
Strontium	86-1	12566.90	12314.14	12136.80	12339.28	1.75	ppb
Strontium	88-1	12275.63	12353.30	12902.30	12510.41	2.73	ppb
Sulfur	34-1	11174.46	11271.36	11628.06	11357.96	2.10	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	520.97	495.16	491.86	502.66	3.17	ppb
Thallium	205-1	516.00	510.70	506.34	511.01	0.95	ppb
Tin	118-1	488.77	476.79	504.34	489.97	2.82	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4884.10	4820.26	4851.62	4851.99	0.66	ppb
Uranium	238-1	510.22	503.90	496.77	503.63	1.34	ppb
Vanadium	51-2	484.28	471.45	473.70	476.48	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	4776.50	4668.59	4640.79	4695.29	1.53	ppb
Zirconium	90-1	482.82	474.31	479.70	478.94	0.90	ppb
Zirconium	91-1	500.24	487.80	493.05	493.70	1.26	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	0.91	1.01	1.19	34.05	ppb
Antimony	121-1	0.10	0.11	0.15	0.12	25.05	ppb
Arsenic	75-2	0.03	-0.01	0.01	0.01	162.28	ppb
Barium	135-1	0.03	0.04	0.04	0.03	23.85	ppb
Barium	137-1	0.02	0.01	0.06	0.03	94.28	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	7.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	8.28	7.80	8.00	8.02	3.01	ppb
Boron	11-1	8.11	8.00	7.91	8.01	1.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.08	-0.03	-0.08		ppb
Cadmium	106-1	-5.54	-4.22	-2.74	-4.17		ppb
Cadmium	108-1	-0.03	0.09	0.00	0.02	282.41	ppb
Calcium	43-1	-0.90	-0.53	2.23	0.27	644.41	ppb
Calcium	44-1	-8.60	-8.47	-5.50	-7.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.05	0.03	37.84	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	14.98	ppb
Copper	63-2	0.13	0.12	0.11	0.12	9.55	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				106		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	3.36	1.68	0.98	2.00	61.03	ppb
Iron	56-2	3.43	2.39	2.03	2.61	27.80	ppb
Iron	57-2	-0.55	1.15	1.24	0.61	164.31	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.08	0.06	35.34	ppb
Lead	207-1	0.06	0.04	0.06	0.05	22.73	ppb
Lead	208-1	0.06	0.06	0.08	0.06	17.39	ppb
Lithium	6-1				113		%
Magnesium	24-2	4.94	2.09	2.83	3.29	44.98	ppb
Manganese	55-2	0.14	0.10	0.07	0.10	39.06	ppb
Molybdenum	94-1	0.12	0.09	0.14	0.12	19.14	ppb
Molybdenum	95-1	0.09	0.09	0.15	0.11	32.60	ppb
Molybdenum	96-1	0.09	0.06	0.12	0.09	30.65	ppb
Molybdenum	97-1	0.08	0.09	0.13	0.10	24.42	ppb
Molybdenum	98-1	0.09	0.08	0.14	0.10	30.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	137.79	ppb
Phosphorus	31-2	-22.87	-16.52	-24.79	-21.39		ppb
Potassium	39-2	9.21	3.30	7.90	6.80	45.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	-0.16	-0.55	-0.15	-0.28		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.76	-0.89	-0.60	-0.75		ppb
Silicon	28-1	-1.20	-1.18	-1.21	-1.20		ppb
Silver	107-1	0.23	0.19	0.22	0.21	9.49	ppb
Silver	109-1	0.23	0.21	0.20	0.21	6.25	ppb
Sodium	23-2	15.88	16.53	18.61	17.00	8.40	ppb
Strontium	86-1	0.01	0.10	0.11	0.07	70.14	ppb
Strontium	88-1	0.05	0.08	0.16	0.09	59.14	ppb
Sulfur	34-1	-499.17	-471.12	-408.65	-459.64		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.04	0.05	0.06	27.17	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	12.89	ppb
Tin	118-1	-0.04	0.01	0.00	-0.01		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.01	0.09	0.02	295.48	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	65.97	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	43.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	0.18	0.00	0.02	0.07	155.10	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	102.09	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	41.49	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81046.76	79921.51	75398.18	78788.82	3.79	ppb
Antimony	121-1	460.49	433.95	447.50	447.31	2.97	ppb
Arsenic	75-2	367.38	360.19	337.37	354.98	4.41	ppb
Barium	135-1	2520.87	2402.36	2415.93	2446.39	2.65	ppb
Barium	137-1	2521.20	2405.51	2467.69	2464.80	2.35	ppb
Beryllium	9-1	469.26	446.58	446.70	454.18	2.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	189.61	188.76	190.84	189.74	0.55	ppb
Boron	11-1	173.88	181.51	174.45	176.61	2.41	ppb
Bromine	81-1						cps
Cadmium	111-1	463.78	446.84	455.85	455.49	1.86	ppb
Cadmium	106-1	488.38	459.84	470.56	472.93	3.05	ppb
Cadmium	108-1	471.48	444.90	440.18	452.19	3.73	ppb
Calcium	43-1	87319.37	89766.27	88747.52	88611.05	1.39	ppb
Calcium	44-1	88211.62	87678.72	86918.41	87602.92	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	601.43	580.26	551.02	577.57	4.38	ppb
Cobalt	59-2	561.33	551.34	524.54	545.74	3.49	ppb
Copper	63-2	4708.79	4639.15	4482.37	4610.10	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				116		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	54-2	168355.50	166349.31	157108.38	163937.73	3.66	ppb
Iron	56-2	170507.17	163394.18	154843.06	162914.80	4.81	ppb
Iron	57-2	168199.56	164978.50	156351.11	163176.39	3.75	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2149.56	2152.25	2208.74	2170.18	1.54	ppb
Lead	207-1	2070.93	2139.75	2112.88	2107.85	1.65	ppb
Lead	208-1	2132.21	2182.31	2116.95	2143.83	1.60	ppb
Lithium	6-1				116		%
Magnesium	24-2	98203.94	93472.60	89902.02	93859.52	4.44	ppb
Manganese	55-2	5765.20	5542.11	5171.88	5493.06	5.46	ppb
Molybdenum	94-1	1548.29	1493.21	1608.50	1550.00	3.72	ppb
Molybdenum	95-1	1194.82	1165.46	1229.46	1196.58	2.68	ppb
Molybdenum	96-1	1241.06	1237.88	1256.91	1245.28	0.82	ppb
Molybdenum	97-1	1186.14	1203.41	1210.18	1199.91	1.03	ppb
Molybdenum	98-1	1163.54	1163.35	1196.07	1174.32	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	583.47	568.16	531.33	560.99	4.78	ppb
Phosphorus	31-2	10038.36	9971.61	9305.65	9771.87	4.15	ppb
Potassium	39-2	41017.51	40134.46	38753.77	39968.58	2.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				92		%
Scandium	45-1				120		%
Scandium	45-2				105		%
Selenium	82-1	315.81	309.81	315.14	313.59	1.05	ppb
Selenium	77-2	516.58	485.11	450.95	484.21	6.78	ppb
Selenium	78-2	393.68	383.40	347.78	374.95	6.42	ppb
Silicon	28-1	363.42	347.09	325.39	345.30	5.52	ppb
Silver	107-1	381.05	383.25	307.68	357.33	12.04	ppb
Silver	109-1	305.23	383.04	338.63	342.30	11.40	ppb
Sodium	23-2	51103.81	49399.76	47895.55	49466.37	3.24	ppb
Strontium	86-1	374.76	372.97	373.27	373.66	0.26	ppb
Strontium	88-1	366.29	364.04	365.90	365.41	0.33	ppb
Sulfur	34-1	12494.97	12501.29	12021.34	12339.20	2.23	ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	440.09	443.97	453.00	445.69	1.49	ppb
Thallium	205-1	450.11	440.85	441.98	444.31	1.14	ppb
Tin	118-1	449.69	420.82	435.57	435.36	3.32	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4444.73	4446.22	4292.08	4394.34	2.02	ppb
Uranium	238-1	461.94	467.87	448.82	459.54	2.12	ppb
Vanadium	51-2	891.56	857.17	816.01	854.91	4.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				163		%
Yttrium	89-2				143		%
Zinc	66-2	4861.93	4770.66	4480.56	4704.38	4.23	ppb
Zirconium	90-1	308.18	304.06	308.94	307.06	0.85	ppb
Zirconium	91-1	319.06	309.84	319.76	316.22	1.75	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77486.05	75426.77	72758.04	75223.62	3.15	ppb
Antimony	121-1	439.91	462.17	463.85	455.31	2.93	ppb
Arsenic	75-2	348.90	344.18	339.44	344.18	1.38	ppb
Barium	135-1	2476.73	2466.73	2458.13	2467.19	0.38	ppb
Barium	137-1	2465.61	2445.75	2509.00	2473.45	1.31	ppb
Beryllium	9-1	461.89	452.03	446.62	453.51	1.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	195.48	189.20	196.26	193.65	2.00	ppb
Boron	11-1	179.68	184.07	186.90	183.55	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	456.79	459.23	472.68	462.90	1.85	ppb
Cadmium	106-1	461.75	461.69	486.34	469.93	3.02	ppb
Cadmium	108-1	454.43	465.86	456.88	459.06	1.31	ppb
Calcium	43-1	87766.63	89164.49	84105.65	87012.26	3.00	ppb
Calcium	44-1	88562.24	88917.70	85830.16	87770.04	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	552.54	545.95	532.77	543.75	1.85	ppb
Cobalt	59-2	531.69	520.69	513.27	521.88	1.78	ppb
Copper	63-2	4513.54	4290.53	4287.00	4363.69	2.97	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				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	158389.14	154719.89	156853.99	156654.34	1.18	ppb
Iron	56-2	159854.38	153532.47	153605.72	155664.19	2.33	ppb
Iron	57-2	159535.88	157185.48	152694.71	156472.02	2.22	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2198.02	2111.59	2192.52	2167.38	2.23	ppb
Lead	207-1	2093.74	2074.27	2130.16	2099.39	1.35	ppb
Lead	208-1	2123.78	2157.59	2188.56	2156.64	1.50	ppb
Lithium	6-1				117		%
Magnesium	24-2	91284.60	91495.24	88104.87	90294.90	2.10	ppb
Manganese	55-2	5386.73	5226.30	5209.26	5274.10	1.86	ppb
Molybdenum	94-1	1570.70	1567.09	1564.65	1567.48	0.19	ppb
Molybdenum	95-1	1182.47	1223.14	1195.58	1200.40	1.73	ppb
Molybdenum	96-1	1204.38	1268.32	1213.61	1228.77	2.81	ppb
Molybdenum	97-1	1220.36	1202.85	1211.95	1211.72	0.72	ppb
Molybdenum	98-1	1202.54	1184.09	1186.68	1191.10	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.49	522.15	520.95	526.53	1.64	ppb
Phosphorus	31-2	9538.16	9176.13	9088.13	9267.48	2.57	ppb
Potassium	39-2	39086.76	38259.72	37252.42	38199.63	2.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				120		%
Scandium	45-2				111		%
Selenium	82-1	315.34	319.72	313.94	316.33	0.95	ppb
Selenium	77-2	448.68	472.78	416.44	445.97	6.34	ppb
Selenium	78-2	369.49	363.99	353.49	362.32	2.24	ppb
Silicon	28-1	357.20	369.80	354.87	360.63	2.23	ppb
Silver	107-1	411.56	456.27	399.93	422.58	7.04	ppb
Silver	109-1	426.13	456.77	411.49	431.46	5.36	ppb
Sodium	23-2	49239.90	46945.80	45476.25	47220.65	4.02	ppb
Strontium	86-1	370.93	378.73	361.96	370.54	2.27	ppb
Strontium	88-1	371.45	364.04	362.66	366.05	1.29	ppb
Sulfur	34-1	12638.49	12614.03	12771.26	12674.59	0.67	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	456.73	432.98	448.13	445.95	2.70	ppb
Thallium	205-1	450.04	439.10	445.64	444.93	1.24	ppb
Tin	118-1	426.15	446.91	449.51	440.86	2.90	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4461.92	4456.04	4433.89	4450.62	0.33	ppb
Uranium	238-1	446.14	447.61	464.39	452.71	2.24	ppb
Vanadium	51-2	828.01	834.66	790.36	817.68	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				163		%
Yttrium	89-2				148		%
Zinc	66-2	4574.33	4431.61	4332.40	4446.12	2.74	ppb
Zirconium	90-1	308.12	308.91	301.51	306.18	1.33	ppb
Zirconium	91-1	309.60	309.00	309.62	309.41	0.11	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.75	25.44	23.32	24.51	4.41	ppb
Antimony	121-1	0.66	0.74	0.81	0.74	10.10	ppb
Arsenic	75-2	0.87	0.86	0.82	0.85	2.93	ppb
Barium	135-1	0.22	0.63	0.27	0.37	60.41	ppb
Barium	137-1	0.31	0.62	0.33	0.42	41.17	ppb
Beryllium	9-1	0.10	0.15	0.11	0.12	22.73	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	421.06	416.66	415.38	417.70	0.71	ppb
Boron	11-1	402.64	394.07	392.72	396.48	1.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.06	-0.04	-0.01		ppb
Cadmium	106-1	-0.99	-1.09	-2.56	-1.55		ppb
Cadmium	108-1	1.44	1.27	0.94	1.22	20.78	ppb
Calcium	43-1	2428.38	2411.24	2353.60	2397.74	1.63	ppb
Calcium	44-1	2680.31	2615.15	2522.45	2605.97	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.26	0.25	0.26	6.41	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	4.91	ppb
Copper	63-2	1.49	1.52	1.30	1.43	8.35	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				114		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	27.49	27.12	21.67	25.42	12.82	ppb
Iron	56-2	27.57	27.93	24.77	26.76	6.48	ppb
Iron	57-2	30.77	29.94	26.03	28.91	8.76	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.46	0.23	0.31	40.06	ppb
Lead	207-1	0.24	0.47	0.20	0.30	48.42	ppb
Lead	208-1	0.25	0.45	0.23	0.31	39.88	ppb
Lithium	6-1				122		%
Magnesium	24-2	2268.87	2307.49	2199.68	2258.68	2.42	ppb
Manganese	55-2	1.15	1.14	1.09	1.13	2.65	ppb
Molybdenum	94-1	0.71	1.21	1.57	1.16	37.30	ppb
Molybdenum	95-1	0.59	0.77	0.49	0.62	23.55	ppb
Molybdenum	96-1	0.54	0.81	0.67	0.68	19.99	ppb
Molybdenum	97-1	0.55	0.73	0.56	0.61	16.29	ppb
Molybdenum	98-1	0.54	0.78	0.55	0.62	21.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.41	0.35	0.38	7.69	ppb
Phosphorus	31-2	513.40	564.08	440.37	505.95	12.29	ppb
Potassium	39-2	45.30	42.67	39.24	42.40	7.16	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	1.55	2.79	3.04	2.46	32.41	ppb
Selenium	77-2	4.46	2.52	2.45	3.14	36.29	ppb
Selenium	78-2	4.48	3.14	2.63	3.41	27.97	ppb
Silicon	28-1	74.88	77.99	77.58	76.81	2.20	ppb
Silver	107-1	0.18	0.14	0.11	0.14	25.73	ppb
Silver	109-1	1.02	0.15	0.11	0.43	120.39	ppb
Sodium	23-2	656.74	664.84	638.20	653.26	2.09	ppb
Strontium	86-1	0.73	0.91	0.82	0.82	10.91	ppb
Strontium	88-1	0.90	0.94	0.88	0.91	3.37	ppb
Sulfur	34-1	1562.90	1267.50	1153.88	1328.10	15.90	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.12	0.06	0.09	35.09	ppb
Thallium	205-1	0.07	0.13	0.07	0.09	33.19	ppb
Tin	118-1	0.25	0.28	0.21	0.25	14.15	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	1.21	0.50	0.75	52.96	ppb
Uranium	238-1	0.03	0.08	0.03	0.05	64.36	ppb
Vanadium	51-2	0.15	0.19	0.14	0.16	18.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	270.32	268.80	257.78	265.63	2.58	ppb
Zirconium	90-1	0.11	0.31	0.55	0.32	69.05	ppb
Zirconium	91-1	0.13	0.30	0.62	0.35	71.10	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13293.42	13205.93	13314.56	13271.31	0.43	ppb
Antimony	121-1	0.14	0.15	0.19	0.16	16.75	ppb
Arsenic	75-2	2.53	2.88	2.73	2.71	6.35	ppb
Barium	135-1	53.63	54.29	53.15	53.69	1.07	ppb
Barium	137-1	55.55	54.11	53.64	54.43	1.83	ppb
Beryllium	9-1	1.58	1.67	1.64	1.63	2.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	21.28	21.68	20.49	21.15	2.88	ppb
Boron	11-1	21.66	22.09	20.34	21.36	4.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.06	0.08	0.08	28.74	ppb
Cadmium	106-1	1.08	-0.42	-0.98	-0.11		ppb
Cadmium	108-1	1.42	1.83	1.49	1.58	13.62	ppb
Calcium	43-1	8930.86	8962.47	8721.14	8871.49	1.48	ppb
Calcium	44-1	9140.72	8799.17	8784.17	8908.02	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.20	29.39	28.93	29.17	0.79	ppb
Cobalt	59-2	17.73	17.94	17.49	17.72	1.26	ppb
Copper	63-2	39.27	39.81	39.29	39.46	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	27556.38	28040.05	27802.47	27799.63	0.87	ppb
Iron	56-2	27239.08	27020.16	27802.79	27354.01	1.48	ppb
Iron	57-2	26712.21	26327.16	26547.09	26528.82	0.73	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.08	5.14	5.24	5.15	1.57	ppb
Lead	207-1	3.31	3.50	3.49	3.43	3.11	ppb
Lead	208-1	4.19	4.47	4.52	4.39	4.05	ppb
Lithium	6-1				112		%
Magnesium	24-2	9139.98	8946.30	9095.25	9060.51	1.12	ppb
Manganese	55-2	183.13	187.70	184.16	185.00	1.30	ppb
Molybdenum	94-1	11.17	11.70	11.47	11.45	2.34	ppb
Molybdenum	95-1	1.47	1.56	1.54	1.52	2.89	ppb
Molybdenum	96-1	3.09	2.96	3.04	3.03	2.24	ppb
Molybdenum	97-1	1.46	1.40	1.61	1.49	7.20	ppb
Molybdenum	98-1	1.54	1.55	1.49	1.53	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.37	23.30	23.34	23.34	0.15	ppb
Phosphorus	31-2	1550.67	1524.40	1661.65	1578.91	4.61	ppb
Potassium	39-2	3992.17	4033.78	4015.32	4013.75	0.52	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	1.91	2.42	1.53	1.95	22.74	ppb
Selenium	77-2	38.12	30.92	36.18	35.07	10.62	ppb
Selenium	78-2	9.06	9.73	9.38	9.39	3.59	ppb
Silicon	28-1	25.25	25.01	23.15	24.47	4.69	ppb
Silver	107-1	0.22	0.23	0.21	0.22	3.73	ppb
Silver	109-1	0.23	0.25	0.59	0.36	56.39	ppb
Sodium	23-2	393.68	388.70	390.22	390.87	0.65	ppb
Strontium	86-1	17.87	17.87	17.78	17.84	0.28	ppb
Strontium	88-1	18.16	18.36	18.30	18.28	0.55	ppb
Sulfur	34-1	2730.04	2982.99	2620.65	2777.89	6.69	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.36	0.36	0.37	4.57	ppb
Thallium	205-1	0.40	0.40	0.41	0.40	2.12	ppb
Tin	118-1	0.54	0.50	0.51	0.52	4.17	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	488.15	502.66	486.35	492.39	1.82	ppb
Uranium	238-1	3.81	3.88	3.93	3.87	1.56	ppb
Vanadium	51-2	76.73	76.74	75.02	76.16	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				111		%
Zinc	66-2	47.08	48.82	47.80	47.90	1.83	ppb
Zirconium	90-1	5.23	5.33	5.22	5.26	1.18	ppb
Zirconium	91-1	5.29	5.15	5.02	5.15	2.67	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2559.00	2539.08	2513.28	2537.12	0.90	ppb
Antimony	121-1	0.18	0.26	0.16	0.20	26.07	ppb
Arsenic	75-2	0.53	0.52	0.49	0.51	3.55	ppb
Barium	135-1	11.61	11.89	10.62	11.37	5.87	ppb
Barium	137-1	11.94	11.56	10.90	11.47	4.58	ppb
Beryllium	9-1	0.46	0.48	0.44	0.46	3.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	12.64	11.93	11.69	12.09	4.10	ppb
Boron	11-1	12.85	12.12	12.12	12.36	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.14	0.04	0.09	54.27	ppb
Cadmium	106-1	-0.97	-0.74	-0.56	-0.76		ppb
Cadmium	108-1	0.97	1.00	1.14	1.04	8.76	ppb
Calcium	43-1	1885.63	1769.18	1738.35	1797.72	4.32	ppb
Calcium	44-1	1927.42	1757.21	1756.86	1813.83	5.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.74	5.62	5.65	5.67	1.16	ppb
Cobalt	59-2	3.56	3.49	3.35	3.47	3.05	ppb
Copper	63-2	7.71	7.54	7.69	7.65	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				107		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	5217.49	5191.11	5101.20	5169.93	1.18	ppb
Iron	56-2	5263.95	5384.41	5195.72	5281.36	1.81	ppb
Iron	57-2	5199.84	5148.21	5120.07	5156.04	0.78	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.48	1.62	1.32	1.47	10.29	ppb
Lead	207-1	1.20	1.30	0.92	1.14	17.18	ppb
Lead	208-1	1.43	1.51	1.13	1.36	14.85	ppb
Lithium	6-1				111		%
Magnesium	24-2	1756.13	1749.59	1722.23	1742.65	1.03	ppb
Manganese	55-2	36.77	35.74	35.38	35.96	2.01	ppb
Molybdenum	94-1	3.32	3.36	2.96	3.21	6.88	ppb
Molybdenum	95-1	0.78	1.08	0.66	0.84	25.72	ppb
Molybdenum	96-1	1.13	1.40	1.05	1.19	15.49	ppb
Molybdenum	97-1	0.90	1.05	0.65	0.87	23.11	ppb
Molybdenum	98-1	0.74	1.07	0.61	0.81	29.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.73	4.57	4.49	4.59	2.65	ppb
Phosphorus	31-2	332.31	281.42	320.20	311.31	8.54	ppb
Potassium	39-2	794.73	785.32	777.77	785.94	1.08	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.46	0.75	0.85	0.69	29.82	ppb
Selenium	77-2	10.10	7.19	7.18	8.16	20.63	ppb
Selenium	78-2	2.42	2.26	2.19	2.29	5.01	ppb
Silicon	28-1	5.86	4.78	4.63	5.09	13.13	ppb
Silver	107-1	0.75	1.05	0.22	0.67	62.92	ppb
Silver	109-1	0.82	1.01	0.22	0.68	60.29	ppb
Sodium	23-2	79.60	78.02	77.81	78.48	1.25	ppb
Strontium	86-1	4.38	4.23	4.00	4.20	4.55	ppb
Strontium	88-1	4.21	4.28	4.10	4.20	2.19	ppb
Sulfur	34-1	330.45	-327.01	-91.80	-29.46		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.23	0.15	0.19	21.96	ppb
Thallium	205-1	0.16	0.22	0.17	0.18	16.92	ppb
Tin	118-1	0.22	0.26	0.15	0.21	25.32	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	108.35	97.58	96.06	100.66	6.66	ppb
Uranium	238-1	0.88	0.85	0.78	0.84	6.51	ppb
Vanadium	51-2	14.35	14.62	14.52	14.50	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	9.12	9.26	9.36	9.24	1.32	ppb
Zirconium	90-1	1.30	1.23	1.19	1.24	4.66	ppb
Zirconium	91-1	1.27	1.28	1.25	1.27	1.18	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14892.50	14577.23	14528.75	14666.16	1.35	ppb
Antimony	121-1	86.73	86.04	87.52	86.76	0.86	ppb
Arsenic	75-2	89.25	88.11	86.77	88.04	1.41	ppb
Barium	135-1	482.03	470.96	491.69	481.56	2.15	ppb
Barium	137-1	492.20	486.15	499.47	492.61	1.35	ppb
Beryllium	9-1	94.72	88.29	88.11	90.37	4.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	44.47	44.28	42.61	43.79	2.34	ppb
Boron	11-1	45.31	43.70	44.33	44.45	1.82	ppb
Bromine	81-1						cps
Cadmium	111-1	93.29	92.14	96.17	93.86	2.21	ppb
Cadmium	106-1	91.25	92.36	94.83	92.81	1.98	ppb
Cadmium	108-1	95.92	93.05	91.11	93.36	2.59	ppb
Calcium	43-1	17887.83	17720.14	17880.93	17829.63	0.53	ppb
Calcium	44-1	17597.73	18062.55	17538.44	17732.91	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.50	110.67	107.37	109.18	1.54	ppb
Cobalt	59-2	103.56	103.17	102.70	103.14	0.42	ppb
Copper	63-2	943.27	932.63	944.10	940.00	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				109		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	31646.13	32810.90	31614.11	32023.72	2.13	ppb
Iron	56-2	31463.34	31503.21	31050.88	31339.14	0.80	ppb
Iron	57-2	30887.14	31215.30	30460.31	30854.25	1.23	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	407.43	430.66	421.50	419.86	2.79	ppb
Lead	207-1	405.97	423.50	417.20	415.56	2.14	ppb
Lead	208-1	417.99	429.14	421.92	423.02	1.34	ppb
Lithium	6-1				113		%
Magnesium	24-2	18044.96	17704.85	17692.98	17814.26	1.12	ppb
Manganese	55-2	1019.93	1034.45	1015.64	1023.34	0.96	ppb
Molybdenum	94-1	414.34	414.78	411.29	413.47	0.46	ppb
Molybdenum	95-1	321.19	318.12	310.60	316.64	1.72	ppb
Molybdenum	96-1	330.64	327.84	320.71	326.40	1.57	ppb
Molybdenum	97-1	322.44	323.71	319.40	321.85	0.69	ppb
Molybdenum	98-1	317.81	314.11	310.89	314.27	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.69	109.06	107.47	109.08	1.48	ppb
Phosphorus	31-2	1776.83	1857.53	1775.28	1803.22	2.61	ppb
Potassium	39-2	7604.91	7583.79	7591.66	7593.45	0.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	83.56	83.35	86.15	84.35	1.85	ppb
Selenium	77-2	133.31	111.50	121.40	122.07	8.95	ppb
Selenium	78-2	96.88	89.60	94.21	93.57	3.93	ppb
Silicon	28-1	68.27	69.71	72.85	70.28	3.33	ppb
Silver	107-1	93.97	91.22	93.72	92.97	1.64	ppb
Silver	109-1	92.80	91.58	93.80	92.73	1.20	ppb
Sodium	23-2	9331.92	9288.67	9525.32	9381.97	1.34	ppb
Strontium	86-1	95.45	96.16	96.33	95.98	0.49	ppb
Strontium	88-1	97.70	100.67	98.99	99.12	1.50	ppb
Sulfur	34-1	2727.40	2685.62	2744.41	2719.14	1.11	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	81.56	86.24	81.58	83.13	3.24	ppb
Thallium	205-1	80.61	86.09	84.18	83.63	3.32	ppb
Tin	118-1	85.48	83.64	87.49	85.53	2.25	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	905.45	921.19	927.96	918.20	1.26	ppb
Uranium	238-1	81.91	87.41	82.91	84.08	3.48	ppb
Vanadium	51-2	159.59	159.55	156.42	158.52	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				109		%
Zinc	66-2	927.81	920.59	915.99	921.46	0.65	ppb
Zirconium	90-1	81.40	80.37	81.23	81.00	0.68	ppb
Zirconium	91-1	80.01	80.75	80.52	80.43	0.47	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15242.81	15073.97	15089.52	15135.43	0.62	ppb
Antimony	121-1	95.99	88.81	88.68	91.16	4.59	ppb
Arsenic	75-2	89.87	89.32	90.96	90.05	0.93	ppb
Barium	135-1	532.65	496.40	482.62	503.89	5.13	ppb
Barium	137-1	530.13	505.69	503.02	512.95	2.91	ppb
Beryllium	9-1	98.32	91.63	92.79	94.24	3.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	46.05	44.25	45.35	45.22	2.01	ppb
Boron	11-1	46.40	45.41	46.31	46.04	1.18	ppb
Bromine	81-1						cps
Cadmium	111-1	103.35	95.48	94.25	97.69	5.06	ppb
Cadmium	106-1	98.83	92.25	94.55	95.21	3.51	ppb
Cadmium	108-1	102.09	95.48	95.52	97.70	3.90	ppb
Calcium	43-1	19561.51	17794.68	18318.46	18558.22	4.89	ppb
Calcium	44-1	19911.99	17992.42	18205.03	18703.15	5.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.38	112.46	111.70	111.85	0.49	ppb
Cobalt	59-2	105.82	105.13	106.84	105.93	0.81	ppb
Copper	63-2	954.66	964.94	980.41	966.67	1.34	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				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	32536.56	31917.93	32788.69	32414.39	1.38	ppb
Iron	56-2	32989.59	31994.20	32014.33	32332.71	1.76	ppb
Iron	57-2	31543.67	31041.29	31218.25	31267.74	0.81	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	446.17	433.87	416.27	432.10	3.48	ppb
Lead	207-1	449.58	407.89	418.29	425.26	5.10	ppb
Lead	208-1	447.09	417.47	431.14	431.90	3.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	18322.50	18310.76	18515.74	18383.00	0.63	ppb
Manganese	55-2	1066.30	1043.89	1067.03	1059.07	1.24	ppb
Molybdenum	94-1	457.40	432.53	425.38	438.43	3.83	ppb
Molybdenum	95-1	345.07	334.22	322.48	333.92	3.38	ppb
Molybdenum	96-1	366.83	345.86	336.01	349.57	4.50	ppb
Molybdenum	97-1	346.64	331.17	329.21	335.67	2.84	ppb
Molybdenum	98-1	337.49	325.88	325.22	329.53	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.17	112.35	112.78	112.77	0.37	ppb
Phosphorus	31-2	1800.27	1911.99	1788.44	1833.57	3.72	ppb
Potassium	39-2	7823.20	7562.09	7766.55	7717.28	1.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	91.89	86.67	87.28	88.61	3.22	ppb
Selenium	77-2	120.11	129.43	134.99	128.18	5.86	ppb
Selenium	78-2	97.02	90.94	95.29	94.41	3.32	ppb
Silicon	28-1	76.24	70.98	72.01	73.08	3.82	ppb
Silver	107-1	105.61	95.46	96.21	99.09	5.71	ppb
Silver	109-1	102.96	95.93	95.95	98.28	4.12	ppb
Sodium	23-2	9544.15	9451.25	9600.04	9531.81	0.79	ppb
Strontium	86-1	103.12	98.69	99.48	100.43	2.35	ppb
Strontium	88-1	103.35	99.80	99.98	101.04	1.98	ppb
Sulfur	34-1	3356.60	2608.77	2833.51	2932.96	13.08	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	90.82	83.19	83.91	85.97	4.90	ppb
Thallium	205-1	89.36	85.34	84.32	86.34	3.08	ppb
Tin	118-1	94.88	86.46	87.34	89.56	5.17	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1001.98	914.70	943.77	953.48	4.66	ppb
Uranium	238-1	92.68	87.53	85.45	88.55	4.21	ppb
Vanadium	51-2	163.17	160.96	159.93	161.35	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	954.37	943.65	952.62	950.22	0.61	ppb
Zirconium	90-1	89.23	83.66	83.48	85.46	3.83	ppb
Zirconium	91-1	89.88	83.15	82.66	85.23	4.73	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14904.34	14651.13	14306.75	14620.74	2.05	ppb
Antimony	121-1	89.45	90.18	86.54	88.72	2.17	ppb
Arsenic	75-2	89.11	89.16	89.11	89.13	0.03	ppb
Barium	135-1	490.28	486.46	466.12	480.96	2.70	ppb
Barium	137-1	493.98	487.70	476.96	486.21	1.77	ppb
Beryllium	9-1	88.61	90.02	89.58	89.40	0.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	41.17	43.35	43.95	42.82	3.41	ppb
Boron	11-1	41.69	44.01	43.44	43.05	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	96.53	95.04	92.24	94.60	2.30	ppb
Cadmium	106-1	92.78	95.81	90.79	93.13	2.72	ppb
Cadmium	108-1	97.49	93.73	91.05	94.09	3.44	ppb
Calcium	43-1	17596.05	17961.39	17673.35	17743.60	1.09	ppb
Calcium	44-1	18206.33	17967.31	17768.37	17980.67	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.47	110.86	105.68	109.33	2.91	ppb
Cobalt	59-2	105.73	102.11	101.63	103.16	2.17	ppb
Copper	63-2	926.24	917.17	893.29	912.23	1.87	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				109		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	32734.23	31787.64	30808.93	31776.93	3.03	ppb
Iron	56-2	32476.66	31620.96	30874.02	31657.21	2.53	ppb
Iron	57-2	31085.01	30663.52	30134.56	30627.69	1.55	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	404.91	421.96	415.26	414.04	2.07	ppb
Lead	207-1	400.88	410.29	402.26	404.48	1.26	ppb
Lead	208-1	392.74	407.36	405.11	401.74	1.96	ppb
Lithium	6-1				114		%
Magnesium	24-2	17812.66	17904.74	17611.07	17776.16	0.84	ppb
Manganese	55-2	1046.05	1026.40	998.92	1023.79	2.31	ppb
Molybdenum	94-1	409.42	412.03	411.79	411.08	0.35	ppb
Molybdenum	95-1	314.01	318.54	316.15	316.23	0.72	ppb
Molybdenum	96-1	326.08	329.37	332.88	329.44	1.03	ppb
Molybdenum	97-1	321.64	324.23	323.20	323.02	0.40	ppb
Molybdenum	98-1	315.27	318.14	318.40	317.27	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.11	108.92	105.54	108.52	2.58	ppb
Phosphorus	31-2	1938.00	1820.94	1735.79	1831.58	5.54	ppb
Potassium	39-2	7627.81	7692.24	7467.88	7595.98	1.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	84.64	84.63	87.01	85.43	1.60	ppb
Selenium	77-2	116.80	138.04	110.71	121.85	11.77	ppb
Selenium	78-2	93.98	94.29	88.46	92.24	3.56	ppb
Silicon	28-1	71.18	75.05	72.86	73.03	2.66	ppb
Silver	107-1	97.52	98.62	93.51	96.55	2.79	ppb
Silver	109-1	100.17	98.04	94.02	97.41	3.20	ppb
Sodium	23-2	9212.28	9291.62	9076.02	9193.31	1.19	ppb
Strontium	86-1	96.02	96.98	95.57	96.19	0.75	ppb
Strontium	88-1	98.73	97.07	97.49	97.76	0.89	ppb
Sulfur	34-1	2407.82	2657.16	2634.11	2566.36	5.37	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	82.09	80.97	82.05	81.70	0.78	ppb
Thallium	205-1	78.97	84.69	82.68	82.11	3.54	ppb
Tin	118-1	88.35	86.23	85.76	86.78	1.59	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	899.01	915.71	903.09	905.93	0.96	ppb
Uranium	238-1	81.48	84.20	88.10	84.59	3.93	ppb
Vanadium	51-2	162.09	163.15	153.68	159.64	3.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				109		%
Zinc	66-2	926.91	913.80	893.20	911.31	1.86	ppb
Zirconium	90-1	81.51	80.23	79.91	80.55	1.05	ppb
Zirconium	91-1	82.34	81.00	79.02	80.79	2.07	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51970.82	51452.50	50054.08	51159.13	1.94	ppb
Antimony	121-1	495.06	488.51	481.46	488.35	1.39	ppb
Arsenic	75-2	465.61	464.55	455.06	461.74	1.26	ppb
Barium	135-1	2526.63	2417.71	2438.54	2460.96	2.35	ppb
Barium	137-1	2464.54	2436.12	2473.54	2458.07	0.79	ppb
Beryllium	9-1	463.97	472.15	479.78	471.97	1.68	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	512.22	515.84	540.57	522.88	2.95	ppb
Boron	11-1	473.32	482.51	498.67	484.83	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	493.91	474.75	483.27	483.98	1.98	ppb
Cadmium	106-1	513.68	487.22	491.26	497.39	2.87	ppb
Cadmium	108-1	513.36	485.18	495.67	498.07	2.86	ppb
Calcium	43-1	242743.90	241686.03	244309.37	242913.10	0.54	ppb
Calcium	44-1	245822.03	243634.11	246373.94	245276.69	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.12	466.93	456.53	467.53	2.42	ppb
Cobalt	59-2	485.11	466.41	471.82	474.45	2.03	ppb
Copper	63-2	5042.84	5023.81	4819.55	4962.06	2.49	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				104		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	127988.27	123866.85	122308.09	124721.07	2.35	ppb
Iron	56-2	130826.02	124149.63	122352.38	125776.01	3.55	ppb
Iron	57-2	127574.64	124402.25	122432.14	124803.01	2.08	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2480.42	2466.28	2445.77	2464.15	0.71	ppb
Lead	207-1	2499.46	2476.83	2435.26	2470.52	1.32	ppb
Lead	208-1	2520.56	2525.51	2489.30	2511.79	0.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	254353.24	256072.24	240134.08	250186.52	3.50	ppb
Manganese	55-2	4971.40	4820.99	4731.53	4841.31	2.50	ppb
Molybdenum	94-1	4965.60	4846.95	4871.66	4894.74	1.28	ppb
Molybdenum	95-1	4909.82	4822.95	4978.85	4903.87	1.59	ppb
Molybdenum	96-1	4848.87	4820.29	4886.24	4851.80	0.68	ppb
Molybdenum	97-1	4951.95	4855.25	4916.30	4907.83	1.00	ppb
Molybdenum	98-1	4980.14	4759.04	4903.11	4880.76	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.89	489.29	474.24	486.14	2.20	ppb
Phosphorus	31-2	9828.73	9948.02	9533.06	9769.94	2.19	ppb
Potassium	39-2	127101.54	120224.24	120521.14	122615.64	3.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	481.38	460.90	475.18	472.49	2.22	ppb
Selenium	77-2	494.24	450.16	498.81	481.07	5.59	ppb
Selenium	78-2	474.78	487.88	475.77	479.48	1.52	ppb
Silicon	28-1	553.50	567.17	563.15	561.27	1.25	ppb
Silver	107-1	505.27	473.84	493.32	490.81	3.23	ppb
Silver	109-1	502.28	486.43	493.91	494.21	1.60	ppb
Sodium	23-2	254373.29	250550.88	240688.33	248537.50	2.84	ppb
Strontium	86-1	11871.13	11806.52	12325.28	12000.98	2.36	ppb
Strontium	88-1	12132.98	12272.33	12440.55	12281.96	1.25	ppb
Sulfur	34-1	11166.70	11280.36	11505.06	11317.37	1.52	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	502.39	519.44	517.57	513.13	1.82	ppb
Thallium	205-1	512.84	497.53	495.91	502.09	1.86	ppb
Tin	118-1	500.59	474.09	495.83	490.17	2.88	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4742.78	4755.38	4926.74	4808.30	2.14	ppb
Uranium	238-1	507.65	496.40	494.86	499.64	1.40	ppb
Vanadium	51-2	485.95	475.86	469.72	477.17	1.72	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	4822.05	4887.86	4552.20	4754.04	3.74	ppb
Zirconium	90-1	488.51	480.99	485.31	484.94	0.78	ppb
Zirconium	91-1	493.71	492.89	499.77	495.46	0.76	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.41	0.38	0.35	21.16	ppb
Antimony	121-1	0.06	0.06	0.10	0.08	32.46	ppb
Arsenic	75-2	0.00	-0.01	0.00	-0.01		ppb
Barium	135-1	0.03	0.01	0.05	0.03	59.79	ppb
Barium	137-1	0.03	0.03	0.02	0.02	22.77	ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	10.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	7.17	6.57	6.20	6.65	7.40	ppb
Boron	11-1	6.99	6.61	6.40	6.67	4.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.09	-0.10	-0.10		ppb
Cadmium	106-1	-5.25	-3.72	-4.24	-4.40		ppb
Cadmium	108-1	0.19	0.21	0.20	0.20	6.11	ppb
Calcium	43-1	2.49	0.32	1.02	1.28	87.16	ppb
Calcium	44-1	-6.94	-8.24	-7.73	-7.64		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.02	-0.03	0.01	346.29	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.01	0.03	0.03	62.86	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	1.07	-0.34	0.10	0.28	257.32	ppb
Iron	56-2	1.46	0.95	1.31	1.24	21.36	ppb
Iron	57-2	-0.66	-0.53	0.46	-0.24		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.07	0.07	26.61	ppb
Lead	207-1	0.06	0.06	0.06	0.06	4.51	ppb
Lead	208-1	0.08	0.07	0.04	0.06	34.34	ppb
Lithium	6-1				111		%
Magnesium	24-2	1.24	0.80	0.84	0.96	25.32	ppb
Manganese	55-2	0.04	0.05	0.04	0.05	16.25	ppb
Molybdenum	94-1	0.12	0.13	0.07	0.10	31.46	ppb
Molybdenum	95-1	0.15	0.09	0.06	0.10	43.82	ppb
Molybdenum	96-1	0.08	0.09	0.06	0.08	18.27	ppb
Molybdenum	97-1	0.06	0.11	0.04	0.07	51.42	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	12.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-16.46	-15.51	-21.04	-17.67		ppb
Potassium	39-2	6.90	3.74	7.09	5.91	31.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.00	0.00	-0.25	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	-0.69	-1.02	-0.40		ppb
Silicon	28-1	-0.63	-1.09	-1.04	-0.92		ppb
Silver	107-1	0.14	0.12	0.11	0.12	11.34	ppb
Silver	109-1	0.12	0.15	0.14	0.14	10.64	ppb
Sodium	23-2	11.05	8.78	10.44	10.09	11.66	ppb
Strontium	86-1	0.09	0.07	0.10	0.09	14.68	ppb
Strontium	88-1	0.08	0.06	0.05	0.07	18.33	ppb
Sulfur	34-1	91.86	-326.98	-285.93	-173.68		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.20	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.65	ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.04	0.00	0.01	288.49	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	123.90	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	116.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	-0.03	-0.04	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	133.04	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	131.72	ppb

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	70	79	73	6.93	cps
Antimony	121-1	42	25	33	33	25.01	cps
Arsenic	75-2	2	5	4	4	41.66	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	33	58	42	44	28.64	cps
Beryllium	9-1	46	50	46	47	4.56	cps
Bismuth	209-1	5801173	5967439	5708023	5825545	2.26	cps
Bismuth	209-2	3195255	3388782	3116922	3233653	4.33	cps
Boron	10-1	560	538	624	574	7.78	cps
Boron	11-1	2434	2372	2462	2422	1.90	cps
Bromine	81-1	60113	61036	58090	59746	2.52	cps
Cadmium	111-1	907	921	970	933	3.54	cps
Cadmium	106-1	4551	4643	4959	4718	4.54	cps
Cadmium	108-1	17	17	38	24	50.93	cps
Calcium	43-1	154	177	161	164	7.40	cps
Calcium	44-1	12333	12616	12695	12548	1.52	cps
Carbon	12-1	5481487	5543804	5457157	5494149	0.81	cps
Carbon	12-2	63396	61404	62341	62380	1.60	cps
Chlorine	35-1	432308	432106	431283	431899	0.13	cps
Chlorine	35-2	2925	3000	3167	3031	4.08	cps
Chromium	52-2	560	533	557	550	2.64	cps
Cobalt	59-2	40	67	73	60	29.40	cps
Copper	63-2	697	770	683	717	6.51	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	50	108	81	36.33	cps
Erbium	164-2	47	33	43	41	16.89	cps
Gadolinium	160-1	58	50	100	69	38.57	cps
Gadolinium	160-2	90	143	133	122	23.20	cps
Holmium	165-1	9308169	9152541	9532783	9331164	2.05	cps
Holmium	165-2	4473510	4840134	4465844	4593163	4.66	cps
Indium	115-1	8415800	8294907	8331497	8347401	0.74	cps
Indium	115-2	1410712	1578846	1473903	1487820	5.71	cps
Iron	54-2	628	767	711	702	9.96	cps
Iron	56-2	4156	4045	3834	4012	4.08	cps
Iron	57-2	261	178	211	217	19.36	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	452	416	384	417	8.24	cps
Lead	206-1	467	422	489	459	7.39	cps
Lead	207-1	422	311	361	365	15.25	cps
Lead	208-1	845	911	711	822	12.39	cps
Lithium	6-1	4977551	4905748	4920918	4934739	0.77	cps
Magnesium	24-2	325	317	300	314	4.06	cps
Manganese	55-2	63	53	90	69	27.52	cps
Molybdenum	94-1	217	150	167	178	19.51	cps
Molybdenum	95-1	25	42	25	31	31.50	cps
Molybdenum	96-1	208	125	208	181	26.65	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	33	17	8	19	65.47	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	40	33	50	41	20.41	cps
Phosphorus	31-2	83	50	83	72	26.65	cps
Potassium	39-2	19572	18946	18596	19038	2.60	cps
Rhodium	103-1	8000376	8133519	7978091	8037329	1.05	cps
Rhodium	103-2	3730898	4013988	3765256	3836714	4.03	cps
Scandium	45-1	6252267	6274905	6253306	6260159	0.20	cps
Scandium	45-2	201291	225088	211851	212743	5.60	cps
Selenium	82-1	29	35	39	34	14.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	78	96	81	16.37	cps
Silicon	28-1	737229	739414	737782	738142	0.15	cps
Silver	107-1	558	633	433	542	18.65	cps
Silver	109-1	408	567	433	469	18.13	cps
Sodium	23-2	11588	11497	11730	11605	1.01	cps
Strontium	86-1	717	600	725	681	10.27	cps
Strontium	88-1	283	275	300	286	4.45	cps
Sulfur	34-1	326168	329255	333859	329760	1.17	cps
Terbium	159-1	9983591	10085332	9807253	9958725	1.41	cps
Terbium	159-2	4372921	4783423	4595116	4583820	4.48	cps
Thallium	203-1	108	158	117	128	20.96	cps
Thallium	205-1	450	383	383	406	9.49	cps
Tin	118-1	617	617	700	644	7.47	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:45:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	200	342	272	26.03	cps
Uranium	238-1	83	25	17	42	87.18	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Ytterbium	172-1	58	100	58	72	33.31	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	1892	1667	1583	1714	9.31	cps
Ytterbium	176-2	8058	8770	8909	8579	5.32	cps
Yttrium	89-1	13313481	13005922	13399269	13239558	1.56	cps
Yttrium	89-2	1564130	1687980	1619307	1623806	3.82	cps
Zinc	66-2	247	257	270	258	4.54	cps
Zirconium	90-1	567	500	583	550	8.02	cps
Zirconium	91-1	100	58	67	75	29.40	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1441	1425	1341	1402	3.83	cps
Antimony	121-1	12147	11238	11230	11539	4.57	cps
Arsenic	75-2	216	211	204	210	2.87	cps
Barium	135-1	15418	15000	14508	14975	3.04	cps
Barium	137-1	26476	26727	25750	26318	1.93	cps
Beryllium	9-1	3120	3144	3200	3155	1.30	cps
Bismuth	209-1	5644875	5773048	5690843	5702922	1.14	cps
Bismuth	209-2	3081186	3247096	3173632	3167305	2.62	cps
Boron	10-1	11326	11384	11700	11470	1.76	cps
Boron	11-1	47312	48426	49664	48467	2.43	cps
Bromine	81-1	60162	59377	57607	59049	2.22	cps
Cadmium	111-1	2756	2797	2717	2757	1.44	cps
Cadmium	106-1	4601	4776	4568	4648	2.41	cps
Cadmium	108-1	146	208	138	164	23.62	cps
Calcium	43-1	12769	12960	12579	12769	1.49	cps
Calcium	44-1	217625	219060	213217	216634	1.41	cps
Carbon	12-1	5454506	5508745	5474939	5479396	0.50	cps
Carbon	12-2	61990	63262	61186	62146	1.68	cps
Chlorine	35-1	409805	413214	416426	413148	0.80	cps
Chlorine	35-2	3175	3109	3459	3248	5.72	cps
Chromium	52-2	4257	4357	4294	4303	1.18	cps
Cobalt	59-2	3457	3324	3267	3349	2.91	cps
Copper	63-2	5795	5868	6208	5957	3.70	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	92	100	42	78	40.56	cps
Gadolinium	160-2	103	107	120	110	8.01	cps
Holmium	165-1	9527664	9276009	9218924	9340866	1.76	cps
Holmium	165-2	4485091	4452988	4387358	4441812	1.12	cps
Indium	115-1	8396624	8388948	8297161	8360911	0.66	cps
Indium	115-2	1422941	1427708	1428390	1426346	0.21	cps
Iron	54-2	5018	5490	4534	5014	9.53	cps
Iron	56-2	83745	79834	79040	80873	3.11	cps
Iron	57-2	2350	2134	1895	2126	10.72	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	375	426	406	6.69	cps
Lead	206-1	4996	4657	4584	4745	4.63	cps
Lead	207-1	4345	4523	4367	4412	2.20	cps
Lead	208-1	9849	10849	10099	10266	5.07	cps
Lithium	6-1	4900667	5010646	4994297	4968536	1.19	cps
Magnesium	24-2	84554	83582	80624	82920	2.47	cps
Manganese	55-2	1167	1197	1060	1141	6.29	cps
Molybdenum	94-1	14967	14716	14566	14750	1.37	cps
Molybdenum	95-1	17528	18312	17178	17673	3.29	cps
Molybdenum	96-1	19748	20123	19339	19737	1.99	cps
Molybdenum	97-1	11063	10846	10855	10921	1.13	cps
Molybdenum	98-1	27971	28714	27728	28138	1.83	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	940	1037	893	957	7.64	cps
Phosphorus	31-2	200	150	242	197	23.27	cps
Potassium	39-2	78430	79638	77508	78526	1.36	cps
Rhodium	103-1	8048026	8015249	8001557	8021611	0.30	cps
Rhodium	103-2	3665928	3748611	3718086	3710875	1.13	cps
Scandium	45-1	6356714	6430733	6116860	6301436	2.60	cps
Scandium	45-2	206566	207316	202374	205418	1.30	cps
Selenium	82-1	901	899	910	903	0.65	cps
Selenium	77-2	50	20	33	34	43.64	cps
Selenium	78-2	174	177	164	172	3.96	cps
Silicon	28-1	799878	797728	801601	799736	0.24	cps
Silver	107-1	10071	10413	9470	9984	4.78	cps
Silver	109-1	10104	9737	9629	9823	2.54	cps
Sodium	23-2	164887	163258	155904	161350	2.97	cps
Strontium	86-1	3084	3000	3084	3056	1.57	cps
Strontium	88-1	21592	19698	20449	20580	4.64	cps
Sulfur	34-1	334947	338514	340618	338027	0.85	cps
Terbium	159-1	10074689	9924679	9974380	9991249	0.76	cps
Terbium	159-2	4468507	4488891	4370020	4442473	1.43	cps
Thallium	203-1	5551	6227	5968	5915	5.76	cps
Thallium	205-1	12974	13015	13099	13029	0.49	cps
Tin	118-1	28347	28898	28121	28455	1.40	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:51:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5960	5851	5576	5796	3.41	cps
Uranium	238-1	16419	16169	17195	16595	3.22	cps
Vanadium	51-2	7379	7225	7309	7304	1.05	cps
Ytterbium	172-1	42	58	33	44	28.64	cps
Ytterbium	172-2	39	39	28	35	18.23	cps
Ytterbium	176-1	1483	1775	1817	1692	10.74	cps
Ytterbium	176-2	8130	8386	8342	8286	1.65	cps
Yttrium	89-1	13108041	13090657	13264387	13154362	0.73	cps
Yttrium	89-2	1569541	1571722	1607177	1582813	1.33	cps
Zinc	66-2	1010	813	963	929	11.06	cps
Zirconium	90-1	12139	12047	11997	12061	0.60	cps
Zirconium	91-1	2850	2700	2975	2842	4.85	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65655	64690	62067	64137	2.89	cps
Antimony	121-1	296391	295755	291181	294443	0.97	cps
Arsenic	75-2	9790	9525	9361	9559	2.27	cps
Barium	135-1	393433	390695	391529	391886	0.36	cps
Barium	137-1	688227	674816	673798	678947	1.19	cps
Beryllium	9-1	154656	155422	153612	154563	0.59	cps
Bismuth	209-1	5593179	5662328	5624001	5626502	0.62	cps
Bismuth	209-2	3228804	3206333	3059680	3164939	2.90	cps
Boron	10-1	47710	49630	49351	48897	2.12	cps
Boron	11-1	199873	208861	207696	205476	2.38	cps
Bromine	81-1	57498	58743	59941	58727	2.08	cps
Cadmium	111-1	92367	91459	90264	91363	1.15	cps
Cadmium	106-1	15217	14767	15025	15003	1.51	cps
Cadmium	108-1	7510	7498	7765	7591	1.98	cps
Calcium	43-1	148220	151198	148186	149201	1.16	cps
Calcium	44-1	2330489	2312565	2281525	2308193	1.07	cps
Carbon	12-1	5519019	5826990	5870078	5738696	3.34	cps
Carbon	12-2	65999	65463	66023	65828	0.48	cps
Chlorine	35-1	412097	418064	418379	416180	0.85	cps
Chlorine	35-2	3084	3075	3009	3056	1.35	cps
Chromium	52-2	96034	92973	89441	92816	3.55	cps
Cobalt	59-2	170115	168437	164435	167662	1.74	cps
Copper	63-2	1319556	1316291	1311697	1315848	0.30	cps
Dysprosium	156-1	83	17	25	42	87.18	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	92	33	75	67	45.07	cps
Erbium	164-2	43	43	33	40	14.43	cps
Gadolinium	160-1	117	108	75	100	22.05	cps
Gadolinium	160-2	100	97	127	108	15.26	cps
Holmium	165-1	9425486	9347564	9322096	9365049	0.58	cps
Holmium	165-2	4412701	4277267	4446098	4378689	2.04	cps
Indium	115-1	8247956	8186419	8213239	8215871	0.38	cps
Indium	115-2	1402657	1383833	1400930	1395807	0.75	cps
Iron	54-2	228074	219065	218619	221919	2.40	cps
Iron	56-2	4205755	4040978	4054415	4100383	2.23	cps
Iron	57-2	99870	101616	98875	100120	1.39	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	421	427	415	4.16	cps
Lead	206-1	1149355	1210915	1161447	1173906	2.78	cps
Lead	207-1	1037373	1079881	1045267	1054174	2.14	cps
Lead	208-1	2585827	2673524	2531274	2596875	2.76	cps
Lithium	6-1	5015257	5121971	5080581	5072603	1.06	cps
Magnesium	24-2	880863	865326	870435	872208	0.91	cps
Manganese	55-2	523395	523509	505479	517461	2.01	cps
Molybdenum	94-1	1264680	1271508	1243874	1260021	1.14	cps
Molybdenum	95-1	1790939	1804337	1712303	1769193	2.81	cps
Molybdenum	96-1	1917066	1936751	1956130	1936649	1.01	cps
Molybdenum	97-1	1102478	1099618	1102255	1101451	0.14	cps
Molybdenum	98-1	2803033	2880534	2783199	2822255	1.82	cps
Neodymium	150-1	53	40	33	42	24.13	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	46336	45700	44356	45464	2.22	cps
Phosphorus	31-2	4101	3517	3967	3862	7.92	cps
Potassium	39-2	327053	327242	315640	323312	2.06	cps
Rhodium	103-1	7790845	7938262	7724419	7817842	1.40	cps
Rhodium	103-2	3595409	3658401	3652958	3635589	0.96	cps
Scandium	45-1	6296561	6465370	6275930	6345954	1.64	cps
Scandium	45-2	203604	203291	201787	202894	0.48	cps
Selenium	82-1	8382	8422	8239	8348	1.15	cps
Selenium	77-2	267	243	240	250	5.81	cps
Selenium	78-2	927	957	910	931	2.56	cps
Silicon	28-1	3727217	3744034	3730992	3734081	0.24	cps
Silver	107-1	482221	487853	482089	484054	0.68	cps
Silver	109-1	465898	470515	456686	464366	1.52	cps
Sodium	23-2	1597416	1595561	1535092	1576023	2.25	cps
Strontium	86-1	3158473	3107655	2989547	3085225	2.81	cps
Strontium	88-1	26657090	25741228	25259113	25885810	2.74	cps
Sulfur	34-1	389152	391223	387301	389225	0.50	cps
Terbium	159-1	9910826	10091389	9832130	9944782	1.34	cps
Terbium	159-2	4209652	4342081	4394893	4315542	2.21	cps
Thallium	203-1	286570	277708	279990	281423	1.64	cps
Thallium	205-1	678374	695464	660246	678028	2.60	cps
Tin	118-1	292043	290761	289360	290721	0.46	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:54:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600508	605182	590278	598656	1.27	cps
Uranium	238-1	882145	889272	849895	873770	2.40	cps
Vanadium	51-2	75397	73414	71987	73599	2.33	cps
Ytterbium	172-1	83	67	133	94	36.73	cps
Ytterbium	172-2	28	17	39	28	39.99	cps
Ytterbium	176-1	2967	3109	2642	2906	8.24	cps
Ytterbium	176-2	8903	8942	8408	8751	3.40	cps
Yttrium	89-1	13024507	13347214	12849544	13073755	1.93	cps
Yttrium	89-2	1537586	1534598	1499899	1524028	1.37	cps
Zinc	66-2	167024	167658	165310	166664	0.73	cps
Zirconium	90-1	649379	640056	629786	639740	1.53	cps
Zirconium	91-1	143106	141619	141626	142117	0.60	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160417	156460	157050	157976	1.35	cps
Antimony	121-1	729207	706539	724686	720144	1.67	cps
Arsenic	75-2	24186	23594	23221	23667	2.06	cps
Barium	135-1	977451	966273	957414	967046	1.04	cps
Barium	137-1	1665713	1670234	1667841	1667929	0.14	cps
Beryllium	9-1	378679	380734	380396	379936	0.29	cps
Bismuth	209-1	5594782	5656073	5718910	5656588	1.10	cps
Bismuth	209-2	3086862	3034036	3080023	3066974	0.94	cps
Boron	10-1	115590	118252	123000	118947	3.16	cps
Boron	11-1	489084	506570	519239	504964	3.00	cps
Bromine	81-1	57507	59418	55477	57467	3.43	cps
Cadmium	111-1	226443	219971	221850	222755	1.49	cps
Cadmium	106-1	30719	30300	29674	30231	1.74	cps
Cadmium	108-1	18179	17941	17995	18038	0.69	cps
Calcium	43-1	366870	367683	364302	366285	0.48	cps
Calcium	44-1	5562875	5509188	5545783	5539282	0.50	cps
Carbon	12-1	5690872	5616768	5781300	5696313	1.45	cps
Carbon	12-2	67187	69171	66241	67533	2.21	cps
Chlorine	35-1	403897	402346	400090	402111	0.48	cps
Chlorine	35-2	2959	2850	2909	2906	1.87	cps
Chromium	52-2	229206	226292	221284	225594	1.78	cps
Cobalt	59-2	416358	412037	401770	410055	1.83	cps
Copper	63-2	3281255	3238494	3256478	3258742	0.66	cps
Dysprosium	156-1	33	58	42	44	28.64	cps
Dysprosium	156-2	40	27	30	32	21.53	cps
Erbium	164-1	58	100	67	75	29.40	cps
Erbium	164-2	23	50	33	36	37.90	cps
Gadolinium	160-1	117	100	150	122	20.83	cps
Gadolinium	160-2	137	140	163	147	9.91	cps
Holmium	165-1	9517445	9320776	9388750	9408990	1.06	cps
Holmium	165-2	4461909	4394543	4366467	4407640	1.11	cps
Indium	115-1	8237941	8022273	8308134	8189449	1.82	cps
Indium	115-2	1382406	1368201	1373074	1374560	0.53	cps
Iron	54-2	547343	529853	525536	534244	2.16	cps
Iron	56-2	9556894	10207315	9687007	9817072	3.51	cps
Iron	57-2	243713	249434	235308	242818	2.93	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	425	432	435	2.48	cps
Lead	206-1	3064001	3089099	3111673	3088257	0.77	cps
Lead	207-1	2749992	2709045	2778501	2745846	1.27	cps
Lead	208-1	6457156	6164900	6359600	6327219	2.35	cps
Lithium	6-1	4934294	4995340	5018951	4982862	0.88	cps
Magnesium	24-2	2186868	2236145	2106590	2176534	3.00	cps
Manganese	55-2	1278609	1278867	1229943	1262473	2.23	cps
Molybdenum	94-1	3019278	3040179	3102514	3053990	1.42	cps
Molybdenum	95-1	4324860	4370308	4365217	4353461	0.57	cps
Molybdenum	96-1	4714208	4758936	4704487	4725877	0.61	cps
Molybdenum	97-1	2687189	2646054	2687285	2673509	0.89	cps
Molybdenum	98-1	6758261	6804979	6891007	6818082	0.99	cps
Neodymium	150-1	67	140	113	107	34.80	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	112719	110777	109000	110832	1.68	cps
Phosphorus	31-2	10037	9328	9545	9637	3.77	cps
Potassium	39-2	773716	783860	752683	770086	2.06	cps
Rhodium	103-1	7882397	7774756	7679832	7778995	1.30	cps
Rhodium	103-2	3595444	3470526	3566197	3544055	1.84	cps
Scandium	45-1	6329304	6260057	6170627	6253329	1.27	cps
Scandium	45-2	197784	202404	195339	198509	1.81	cps
Selenium	82-1	20059	20236	19962	20086	0.69	cps
Selenium	77-2	617	640	583	613	4.64	cps
Selenium	78-2	2234	2175	2206	2205	1.34	cps
Silicon	28-1	8086688	8141891	8224345	8150975	0.85	cps
Silver	107-1	1186056	1168770	1204430	1186419	1.50	cps
Silver	109-1	1138872	1126939	1132035	1132615	0.53	cps
Sodium	23-2	3893560	3881162	3750448	3841723	2.06	cps
Strontium	86-1	7267823	7336518	7283476	7295939	0.49	cps
Strontium	88-1	63351895	63797574	62693437	63280969	0.88	cps
Sulfur	34-1	458690	457821	459167	458559	0.15	cps
Terbium	159-1	10025949	9995631	10194018	10071866	1.06	cps
Terbium	159-2	4376352	4405240	4420495	4400696	0.51	cps
Thallium	203-1	692893	712546	706087	703842	1.42	cps
Thallium	205-1	1727884	1697192	1734277	1719784	1.15	cps
Tin	118-1	705820	700223	710625	705556	0.74	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 08:57:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1461762	1428613	1443374	1444583	1.15	cps
Uranium	238-1	2307481	2207467	2223104	2246017	2.40	cps
Vanadium	51-2	184506	183263	176454	181408	2.39	cps
Ytterbium	172-1	92	75	67	78	16.37	cps
Ytterbium	172-2	22	67	50	46	48.50	cps
Ytterbium	176-1	4501	4543	4518	4520	0.46	cps
Ytterbium	176-2	9515	8987	9348	9283	2.91	cps
Yttrium	89-1	12989064	13041119	13116841	13049008	0.49	cps
Yttrium	89-2	1515596	1503696	1490401	1503231	0.84	cps
Zinc	66-2	419011	406969	401864	409281	2.15	cps
Zirconium	90-1	1594392	1581577	1576800	1584256	0.57	cps
Zirconium	91-1	349536	352132	356408	352692	0.98	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321664	313474	309272	314803	2.00	cps
Antimony	121-1	1506337	1463921	1444120	1471459	2.16	cps
Arsenic	75-2	47181	46579	46343	46701	0.93	cps
Barium	135-1	2031092	1998810	1920276	1983393	2.87	cps
Barium	137-1	3428785	3463037	3358146	3416656	1.57	cps
Beryllium	9-1	772949	763651	751215	762605	1.43	cps
Bismuth	209-1	3916290	5658947	5792475	5122571	20.44	cps
Bismuth	209-2	3058439	3010087	2934395	3000973	2.08	cps
Boron	10-1	240636	248798	247843	245759	1.82	cps
Boron	11-1	946899	964703	967184	959595	1.15	cps
Bromine	81-1	53980	55869	55136	54995	1.73	cps
Cadmium	111-1	450520	438728	435327	441525	1.81	cps
Cadmium	106-1	55948	55186	54709	55281	1.13	cps
Cadmium	108-1	37585	36402	35788	36592	2.50	cps
Calcium	43-1	741426	723823	714598	726616	1.88	cps
Calcium	44-1	11010337	11150486	10477736	10879520	3.26	cps
Carbon	12-1	5742109	5804808	6012257	5853058	2.42	cps
Carbon	12-2	68669	69365	69205	69080	0.53	cps
Chlorine	35-1	393331	390547	388693	390857	0.60	cps
Chlorine	35-2	2709	2525	2992	2742	8.58	cps
Chromium	52-2	461173	451845	439727	450915	2.38	cps
Cobalt	59-2	831964	807078	792542	810528	2.46	cps
Copper	63-2	6442653	6227596	6329486	6333245	1.70	cps
Dysprosium	156-1	133	100	133	122	15.75	cps
Dysprosium	156-2	50	37	47	44	15.61	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	33	27	33	31	12.36	cps
Gadolinium	160-1	117	175	225	172	31.48	cps
Gadolinium	160-2	140	147	133	140	4.76	cps
Holmium	165-1	6534711	9208794	9283153	8342219	18.77	cps
Holmium	165-2	4472383	4285709	4351024	4369705	2.17	cps
Indium	115-1	5588850	8022984	8115705	7242513	19.78	cps
Indium	115-2	1336067	1339283	1342811	1339387	0.25	cps
Iron	54-2	1101866	1061400	1067215	1076827	2.03	cps
Iron	56-2	19975528	19190584	19170226	19445446	2.36	cps
Iron	57-2	494914	474341	466331	478529	3.08	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	404	424	401	410	3.01	cps
Lead	206-1	6512972	6551423	6239044	6434479	2.65	cps
Lead	207-1	5677112	5706014	5413513	5598880	2.88	cps
Lead	208-1	12888268	12522669	12728502	12713146	1.44	cps
Lithium	6-1	3566530	5005064	5218418	4596671	19.55	cps
Magnesium	24-2	4354432	4237667	4193022	4261707	1.96	cps
Manganese	55-2	2617128	2504893	2529255	2550425	2.31	cps
Molybdenum	94-1	6109271	6099426	5984058	6064252	1.15	cps
Molybdenum	95-1	8922294	8555327	8616451	8698024	2.26	cps
Molybdenum	96-1	9567106	9603540	9389097	9519914	1.21	cps
Molybdenum	97-1	5419097	5350225	5344783	5371368	0.77	cps
Molybdenum	98-1	14203306	13954170	13686352	13947943	1.85	cps
Neodymium	150-1	227	233	193	218	9.84	cps
Neodymium	150-2	17	7	30	18	65.83	cps
Nickel	60-2	224977	216170	219401	220183	2.02	cps
Phosphorus	31-2	18696	18804	17636	18379	3.51	cps
Potassium	39-2	1522258	1560952	1532517	1538576	1.30	cps
Rhodium	103-1	5193240	7582170	7497926	6757779	20.06	cps
Rhodium	103-2	3475847	3364144	3559073	3466355	2.82	cps
Scandium	45-1	4142527	5865274	6081844	5363215	19.81	cps
Scandium	45-2	193963	195848	197736	195849	0.96	cps
Selenium	82-1	40765	39763	39172	39900	2.02	cps
Selenium	77-2	1290	1287	1137	1238	7.08	cps
Selenium	78-2	4246	4240	4238	4241	0.10	cps
Silicon	28-1	15869942	15453456	15281746	15535048	1.95	cps
Silver	107-1	2451253	2481891	2389708	2440951	1.92	cps
Silver	109-1	2335627	2272248	2231681	2279852	2.30	cps
Sodium	23-2	7770823	7689037	7521140	7660333	1.66	cps
Strontium	86-1	14966383	14832868	14328234	14709162	2.29	cps
Strontium	88-1	131135382	124925232	123488894	126516503	3.21	cps
Sulfur	34-1	585874	576777	564038	575563	1.91	cps
Terbium	159-1	6871552	9776827	9770643	8806341	19.03	cps
Terbium	159-2	4375257	4232535	4465624	4357806	2.70	cps
Thallium	203-1	1461527	1444245	1440257	1448676	0.78	cps
Thallium	205-1	3608602	3621554	3462725	3564294	2.47	cps
Tin	118-1	1483524	1442360	1398733	1441539	2.94	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:00:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2935997	2792752	2767716	2832155	3.21	cps
Uranium	238-1	4674937	4627534	4510221	4604231	1.84	cps
Vanadium	51-2	368770	359739	358124	362211	1.58	cps
Ytterbium	172-1	108	117	125	117	7.14	cps
Ytterbium	172-2	44	39	28	37	22.91	cps
Ytterbium	176-1	7461	7661	7436	7519	1.64	cps
Ytterbium	176-2	10938	10705	10882	10842	1.13	cps
Yttrium	89-1	8731803	12617328	12709892	11353008	20.00	cps
Yttrium	89-2	1473643	1466125	1472788	1470852	0.28	cps
Zinc	66-2	816527	782769	793336	797544	2.17	cps
Zirconium	90-1	3224260	3162858	3118782	3168633	1.67	cps
Zirconium	91-1	716891	710343	688032	705089	2.15	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	632921	607334	610901	617052	2.25	cps
Antimony	121-1	2840611	2813239	2835185	2829678	0.51	cps
Arsenic	75-2	92134	89900	89801	90612	1.46	cps
Barium	135-1	3853156	3830080	3951725	3878321	1.67	cps
Barium	137-1	6624380	6505704	6683999	6604695	1.37	cps
Beryllium	9-1	1434101	1460290	1436225	1443539	1.01	cps
Bismuth	209-1	4285977	5183954	5520004	4996645	12.77	cps
Bismuth	209-2	2994692	2883185	2890300	2922726	2.14	cps
Boron	10-1	465081	486124	480946	477384	2.30	cps
Boron	11-1	1765439	1854968	1856102	1825503	2.85	cps
Bromine	81-1	54453	52896	53679	53676	1.45	cps
Cadmium	111-1	858452	836339	844816	846536	1.32	cps
Cadmium	106-1	100592	101733	100525	100950	0.67	cps
Cadmium	108-1	69755	69034	68569	69119	0.86	cps
Calcium	43-1	1459038	1437630	1454467	1450379	0.78	cps
Calcium	44-1	21395266	20550468	21414756	21120163	2.34	cps
Carbon	12-1	5845911	5934013	5996444	5925456	1.28	cps
Carbon	12-2	69607	70495	70821	70307	0.89	cps
Chlorine	35-1	383059	382521	385738	383773	0.45	cps
Chlorine	35-2	2717	2675	2959	2784	5.50	cps
Chromium	52-2	905107	891784	877847	891580	1.53	cps
Cobalt	59-2	1647767	1607774	1599661	1618401	1.59	cps
Copper	63-2	12421605	12350626	11972933	12248388	1.97	cps
Dysprosium	156-1	292	200	225	239	19.84	cps
Dysprosium	156-2	120	103	97	107	11.26	cps
Erbium	164-1	117	92	133	114	18.41	cps
Erbium	164-2	63	67	43	58	21.85	cps
Gadolinium	160-1	125	217	250	197	32.82	cps
Gadolinium	160-2	180	203	233	206	13.01	cps
Holmium	165-1	7295068	8881857	9255135	8477353	12.28	cps
Holmium	165-2	4303645	4403484	4076389	4261172	3.93	cps
Indium	115-1	6209022	7322157	7640745	7057308	10.65	cps
Indium	115-2	1328750	1328724	1237385	1298286	4.06	cps
Iron	54-2	2207114	2231238	2107003	2181785	3.02	cps
Iron	56-2	38703384	38869644	39002716	38858581	0.39	cps
Iron	57-2	951353	955849	925577	944260	1.73	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	385	396	404	5.80	cps
Lead	206-1	11922978	12318281	11968921	12070060	1.79	cps
Lead	207-1	10655458	10968099	10629424	10750993	1.75	cps
Lead	208-1	25097595	24944143	24242867	24761535	1.84	cps
Lithium	6-1	3842913	4653123	4826516	4440850	11.82	cps
Magnesium	24-2	8565968	8466247	8282170	8438128	1.71	cps
Manganese	55-2	5098607	5021304	5021193	5047035	0.88	cps
Molybdenum	94-1	12023029	11596175	11526145	11715116	2.30	cps
Molybdenum	95-1	16907418	16604845	16878902	16797055	0.99	cps
Molybdenum	96-1	18909935	18323130	18704451	18645839	1.60	cps
Molybdenum	97-1	10470271	10143369	10329324	10314321	1.59	cps
Molybdenum	98-1	26873232	26492697	26566641	26644190	0.76	cps
Neodymium	150-1	493	460	433	462	6.50	cps
Neodymium	150-2	20	43	47	37	39.63	cps
Nickel	60-2	431837	430076	423515	428476	1.02	cps
Phosphorus	31-2	36956	35661	35937	36185	1.88	cps
Potassium	39-2	2913064	2954301	3059638	2975668	2.54	cps
Rhodium	103-1	5710992	6807306	7256337	6591545	12.06	cps
Rhodium	103-2	3389558	3391046	3228410	3336338	2.80	cps
Scandium	45-1	4697319	5578966	6026659	5434315	12.45	cps
Scandium	45-2	190426	196904	184230	190520	3.33	cps
Selenium	82-1	75789	74864	75480	75378	0.62	cps
Selenium	77-2	2327	2324	2260	2304	1.63	cps
Selenium	78-2	8213	7995	8013	8074	1.50	cps
Silicon	28-1	28483298	29005085	28498177	28662186	1.04	cps
Silver	107-1	4576688	4514494	4445100	4512094	1.46	cps
Silver	109-1	4341037	4353141	4251874	4315351	1.28	cps
Sodium	23-2	15360363	15052027	14817620	15076670	1.81	cps
Strontium	86-1	29368889	28457169	28128216	28651425	2.24	cps
Strontium	88-1	250536156	247968656	250679556	249728122	0.61	cps
Sulfur	34-1	805540	808325	807554	807140	0.18	cps
Terbium	159-1	7620641	9340849	9617497	8859662	12.21	cps
Terbium	159-2	4400532	4389436	4205692	4331886	2.53	cps
Thallium	203-1	2913743	2898208	2862827	2891593	0.90	cps
Thallium	205-1	6694582	6846935	6642239	6727919	1.58	cps
Tin	118-1	2850192	2773798	2771749	2798580	1.60	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:04:07	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5549566	5393232	5445023	5462607	1.46	cps
Uranium	238-1	9017805	9103297	8878157	8999753	1.26	cps
Vanadium	51-2	735596	718384	718515	724165	1.37	cps
Ytterbium	172-1	125	150	100	125	20.00	cps
Ytterbium	172-2	67	78	78	74	8.66	cps
Ytterbium	176-1	12915	13582	13099	13199	2.61	cps
Ytterbium	176-2	12773	13529	12717	13007	3.49	cps
Yttrium	89-1	9815184	11830766	12570750	11405567	12.50	cps
Yttrium	89-2	1452585	1443587	1421748	1439307	1.10	cps
Zinc	66-2	1603244	1543326	1540644	1562405	2.27	cps
Zirconium	90-1	6155589	6137724	6185269	6159527	0.39	cps
Zirconium	91-1	1382461	1355253	1375468	1371061	1.03	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270881	1249150	1216611	1245547	2.19	cps
Antimony	121-1	5530100	5554514	5546884	5543833	0.23	cps
Arsenic	75-2	183452	180073	173160	178895	2.93	cps
Barium	135-1	7652605	7578117	7673579	7634767	0.66	cps
Barium	137-1	13378721	13225792	12929715	13178076	1.73	cps
Beryllium	9-1	2827707	2809606	2833416	2823576	0.44	cps
Bismuth	209-1	5446692	5500987	5415030	5454236	0.80	cps
Bismuth	209-2	2852041	2939382	2951662	2914361	1.86	cps
Boron	10-1	1063546	1100947	1123037	1095843	2.74	cps
Boron	11-1	4577961	4824422	4746467	4716283	2.67	cps
Bromine	81-1	56070	53578	53267	54305	2.83	cps
Cadmium	111-1	1597310	1622715	1619872	1613299	0.86	cps
Cadmium	106-1	195944	195887	196810	196213	0.26	cps
Cadmium	108-1	132968	133675	131629	132757	0.78	cps
Calcium	43-1	2851700	2916086	2759227	2842337	2.77	cps
Calcium	44-1	41953166	44119476	41336516	42469719	3.44	cps
Carbon	12-1	6092160	6100164	6178831	6123718	0.78	cps
Carbon	12-2	73291	73200	71851	72781	1.11	cps
Chlorine	35-1	385223	389934	388539	387899	0.62	cps
Chlorine	35-2	2575	2950	3050	2859	8.76	cps
Chromium	52-2	1848393	1862543	1748251	1819729	3.42	cps
Cobalt	59-2	3220552	3245049	3116751	3194117	2.13	cps
Copper	63-2	24340413	25018495	23565741	24308217	2.99	cps
Dysprosium	156-1	483	458	450	464	3.74	cps
Dysprosium	156-2	180	183	217	193	10.49	cps
Erbium	164-1	167	150	192	169	12.37	cps
Erbium	164-2	117	80	63	87	31.49	cps
Gadolinium	160-1	442	417	375	411	8.19	cps
Gadolinium	160-2	267	223	230	240	9.72	cps
Holmium	165-1	9362667	9438528	9579251	9460149	1.16	cps
Holmium	165-2	4561361	4491021	4307210	4453197	2.95	cps
Indium	115-1	7835195	7822106	7812632	7823311	0.14	cps
Indium	115-2	1309582	1305405	1298344	1304444	0.44	cps
Iron	54-2	4422249	4309235	4187289	4306257	2.73	cps
Iron	56-2	77869093	77829007	73886616	76528239	2.99	cps
Iron	57-2	1999568	1973552	1891379	1954833	2.89	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	391	435	410	412	5.33	cps
Lead	206-1	23579757	23768080	24176696	23841511	1.28	cps
Lead	207-1	21481873	21135635	21243405	21286971	0.83	cps
Lead	208-1	49501150	48895105	48238208	48878154	1.29	cps
Lithium	6-1	4884150	4846235	5094218	4941535	2.70	cps
Magnesium	24-2	16633095	16513105	16217445	16454548	1.30	cps
Manganese	55-2	10073605	9946393	9560903	9860300	2.71	cps
Molybdenum	94-1	23573930	22653172	23683276	23303459	2.43	cps
Molybdenum	95-1	33418032	32633366	33637073	33229490	1.59	cps
Molybdenum	96-1	36355431	35935780	36678401	36323204	1.03	cps
Molybdenum	97-1	20701911	19952218	20320159	20324763	1.84	cps
Molybdenum	98-1	53634510	53254153	53534626	53474430	0.37	cps
Neodymium	150-1	800	1040	940	927	13.01	cps
Neodymium	150-2	67	83	63	71	15.07	cps
Nickel	60-2	848569	834154	805037	829253	2.67	cps
Phosphorus	31-2	72900	71193	69794	71296	2.18	cps
Potassium	39-2	5938360	5730682	5707651	5792231	2.19	cps
Rhodium	103-1	7300274	7165436	7280864	7248858	1.01	cps
Rhodium	103-2	3406956	3466886	3415200	3429680	0.95	cps
Scandium	45-1	6062728	6047655	6051248	6053877	0.13	cps
Scandium	45-2	195223	197729	192205	195053	1.42	cps
Selenium	82-1	145708	144444	144408	144853	0.51	cps
Selenium	77-2	4728	4597	4597	4641	1.62	cps
Selenium	78-2	15730	15442	15099	15424	2.05	cps
Silicon	28-1	79046164	80990154	79351750	79796023	1.31	cps
Silver	107-1	8556786	8845631	8727886	8710101	1.67	cps
Silver	109-1	8290650	8307561	8196825	8265012	0.72	cps
Sodium	23-2	30890465	29827970	29363899	30027445	2.61	cps
Strontium	86-1	56621680	57628722	56337051	56862485	1.19	cps
Strontium	88-1	487704311	485410761	496807528	489974200	1.23	cps
Sulfur	34-1	1022513	1053942	1051528	1042661	1.68	cps
Terbium	159-1	9781632	10246458	9850227	9959439	2.52	cps
Terbium	159-2	4425988	4435751	4380914	4414218	0.66	cps
Thallium	203-1	5596835	5552310	5722036	5623727	1.56	cps
Thallium	205-1	13431046	13446411	13162607	13346688	1.20	cps
Tin	118-1	5479179	5278616	5334179	5363991	1.93	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:07:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10875183	11025467	10796267	10898973	1.07	cps
Uranium	238-1	18047845	18604923	17892558	18181775	2.06	cps
Vanadium	51-2	1498632	1483430	1433837	1471966	2.30	cps
Ytterbium	172-1	317	283	292	297	5.84	cps
Ytterbium	172-2	128	61	106	98	34.59	cps
Ytterbium	176-1	26477	26102	25768	26115	1.36	cps
Ytterbium	176-2	19248	19420	18730	19133	1.88	cps
Yttrium	89-1	12795203	12643019	13121874	12853365	1.90	cps
Yttrium	89-2	1477101	1527805	1488262	1497723	1.78	cps
Zinc	66-2	3064548	3029689	2951277	3015171	1.92	cps
Zirconium	90-1	12262573	12117787	12588921	12323093	1.96	cps
Zirconium	91-1	2704519	2676402	2801586	2727502	2.41	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5868507	5741778	5863598	5824628	1.23	cps
Antimony	121-1	3751	3917	4551	4073	10.37	cps
Arsenic	75-2	56	59	52	56	6.31	cps
Barium	135-1	4576	4593	4334	4501	3.21	cps
Barium	137-1	7327	6794	8169	7430	9.33	cps
Beryllium	9-1	682	601	677	654	6.97	cps
Bismuth	209-1	4762572	4797870	4791791	4784078	0.39	cps
Bismuth	209-2	2612153	2576180	2543104	2577146	1.34	cps
Boron	10-1	51716	46534	42984	47078	9.33	cps
Boron	11-1	212659	197355	182990	197668	7.51	cps
Bromine	81-1	51187	49498	51227	50637	1.95	cps
Cadmium	111-1	1417	1509	1546	1491	4.46	cps
Cadmium	106-1	3942	4668	4518	4376	8.75	cps
Cadmium	108-1	54	71	88	71	23.53	cps
Calcium	43-1	11417623	11792361	11727221	11645735	1.72	cps
Calcium	44-1	190384617	185683895	188871761	188313424	1.27	cps
Carbon	12-1	5433674	5507029	5540818	5493840	1.00	cps
Carbon	12-2	68033	68418	70503	68985	1.93	cps
Chlorine	35-1	380513	373006	373566	375695	1.11	cps
Chlorine	35-2	2800	2667	2684	2717	2.67	cps
Chromium	52-2	16596	15405	15645	15882	3.97	cps
Cobalt	59-2	2677	2934	2960	2857	5.48	cps
Copper	63-2	8386	7959	8436	8260	3.17	cps
Dysprosium	156-1	1350	1300	1183	1278	6.69	cps
Dysprosium	156-2	617	580	513	570	9.19	cps
Erbium	164-1	125	133	108	122	10.41	cps
Erbium	164-2	47	73	57	59	22.87	cps
Gadolinium	160-1	1300	1275	1367	1314	3.61	cps
Gadolinium	160-2	767	763	757	762	0.67	cps
Holmium	165-1	9282303	9059371	9094516	9145396	1.31	cps
Holmium	165-2	4228225	4273056	4274293	4258525	0.62	cps
Indium	115-1	7555571	7544966	7516652	7539063	0.27	cps
Indium	115-2	1251566	1249457	1272291	1257772	1.00	cps
Iron	54-2	19652536	19017434	19109206	19259725	1.78	cps
Iron	56-2	355498652	347459197	341327197	348095015	2.04	cps
Iron	57-2	8712037	8738484	8678373	8709631	0.35	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	445	446	477	456	4.04	cps
Lead	206-1	6063	5562	6796	6140	10.11	cps
Lead	207-1	5390	5112	5729	5410	5.71	cps
Lead	208-1	11595	11678	12662	11978	4.96	cps
Lithium	6-1	4676076	4731593	4580454	4662707	1.64	cps
Magnesium	24-2	78681843	75198018	76678266	76852709	2.28	cps
Manganese	55-2	10100	10200	10581	10294	2.46	cps
Molybdenum	94-1	8611	7527	9312	8483	10.60	cps
Molybdenum	95-1	10271	9604	10696	10190	5.40	cps
Molybdenum	96-1	27152	26484	27578	27072	2.04	cps
Molybdenum	97-1	6435	6210	6585	6410	2.95	cps
Molybdenum	98-1	16193	14675	17770	16213	9.55	cps
Neodymium	150-1	47	73	27	49	47.88	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	2780	2777	2587	2715	4.08	cps
Phosphorus	31-2	100	108	83	97	13.09	cps
Potassium	39-2	29207138	28012024	27737325	28318829	2.76	cps
Rhodium	103-1	6659033	6554917	6596235	6603395	0.79	cps
Rhodium	103-2	3139303	3054590	3131164	3108352	1.50	cps
Scandium	45-1	5807620	5965763	5749656	5841013	1.92	cps
Scandium	45-2	190130	190472	190312	190305	0.09	cps
Selenium	82-1	306	281	255	281	9.13	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	80	72	77	76	5.29	cps
Silicon	28-1	883831	966981	949339	933384	4.69	cps
Silver	107-1	6052	6360	6085	6165	2.75	cps
Silver	109-1	5460	5560	5901	5640	4.11	cps
Sodium	23-2	145613828	142212916	138511257	142112667	2.50	cps
Strontium	86-1	17244	17152	20090	18162	9.20	cps
Strontium	88-1	145699	142956	161947	150201	6.83	cps
Sulfur	34-1	287944	293545	302083	294524	2.42	cps
Terbium	159-1	9936900	9329770	9219997	9495556	4.07	cps
Terbium	159-2	4206914	4152114	4223849	4194292	0.89	cps
Thallium	203-1	1633	1458	1775	1622	9.78	cps
Thallium	205-1	3926	3642	4134	3901	6.33	cps
Tin	118-1	6427	6760	6510	6566	2.64	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 09:10:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2950	2500	3434	2962	15.77	cps
Uranium	238-1	1542	1642	2367	1850	24.34	cps
Vanadium	51-2	420	533	457	470	12.30	cps
Ytterbium	172-1	508	642	450	533	18.42	cps
Ytterbium	172-2	278	239	206	241	15.02	cps
Ytterbium	176-1	1558	1633	1608	1600	2.39	cps
Ytterbium	176-2	7663	7419	7980	7688	3.66	cps
Yttrium	89-1	12200364	12223389	12238801	12220851	0.16	cps
Yttrium	89-2	1467961	1471265	1502273	1480500	1.28	cps
Zinc	66-2	3240	3117	3004	3120	3.79	cps
Zirconium	90-1	3576	3442	4067	3695	8.91	cps
Zirconium	91-1	817	833	700	783	9.27	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32776	31971	31613	32120	1.86	cps
Antimony	121-1	1122019	1143424	1137967	1134470	0.98	cps
Arsenic	75-2	39972	39599	38308	39293	2.22	cps
Barium	135-1	153416	149581	154887	152628	1.79	cps
Barium	137-1	263151	263827	269794	265590	1.38	cps
Beryllium	9-1	315973	315669	307121	312921	1.61	cps
Bismuth	209-1	5772794	5855878	5918089	5848920	1.25	cps
Bismuth	209-2	3144282	3160189	3153901	3152790	0.25	cps
Boron	10-1	1196	1248	1300	1248	4.17	cps
Boron	11-1	5082	5256	5202	5180	1.72	cps
Bromine	81-1	58523	59950	60141	59538	1.49	cps
Cadmium	111-1	176599	180416	179445	178820	1.11	cps
Cadmium	106-1	20482	20599	21075	20719	1.52	cps
Cadmium	108-1	12268	12347	12326	12314	0.33	cps
Calcium	43-1	50607	50342	49686	50212	0.94	cps
Calcium	44-1	821024	817698	810787	816503	0.64	cps
Carbon	12-1	5627985	5763551	5688260	5693266	1.19	cps
Carbon	12-2	62718	64525	64115	63786	1.49	cps
Chlorine	35-1	371944	367068	365638	368217	0.90	cps
Chlorine	35-2	2592	2467	2517	2525	2.49	cps
Chromium	52-2	190143	186474	183283	186634	1.84	cps
Cobalt	59-2	343065	339422	333949	338812	1.35	cps
Copper	63-2	260578	258112	252449	257046	1.62	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	60	33	33	42	36.47	cps
Gadolinium	160-1	92	33	67	64	45.81	cps
Gadolinium	160-2	97	127	123	116	14.23	cps
Holmium	165-1	9439559	9582073	9489318	9503650	0.76	cps
Holmium	165-2	4451270	4447760	4398478	4432503	0.67	cps
Indium	115-1	8179211	8366014	8668767	8404664	2.94	cps
Indium	115-2	1408142	1409637	1404657	1407479	0.18	cps
Iron	54-2	177230	172807	173185	174407	1.41	cps
Iron	56-2	3193640	3219325	3063270	3158745	2.65	cps
Iron	57-2	77561	77008	75421	76663	1.45	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	407	417	409	2.01	cps
Lead	206-1	924156	931087	927020	927421	0.38	cps
Lead	207-1	787362	787019	804309	792897	1.25	cps
Lead	208-1	1932814	1916501	1986709	1945341	1.89	cps
Lithium	6-1	5314781	5161545	5104307	5193544	2.10	cps
Magnesium	24-2	198270	195817	192464	195517	1.49	cps
Manganese	55-2	105719	104305	101008	103677	2.33	cps
Molybdenum	94-1	317	350	300	322	7.90	cps
Molybdenum	95-1	125	100	133	119	14.53	cps
Molybdenum	96-1	483	558	392	478	17.47	cps
Molybdenum	97-1	67	117	75	86	31.11	cps
Molybdenum	98-1	225	275	292	264	13.15	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	94035	93720	92113	93289	1.11	cps
Phosphorus	31-2	150	67	67	94	50.94	cps
Potassium	39-2	264304	256996	251580	257627	2.48	cps
Rhodium	103-1	7824854	8064885	8012785	7967508	1.58	cps
Rhodium	103-2	3717823	3641914	3694807	3684848	1.06	cps
Scandium	45-1	6391884	6385948	6423421	6400418	0.31	cps
Scandium	45-2	206616	207241	205886	206581	0.33	cps
Selenium	82-1	34094	33995	33633	33907	0.72	cps
Selenium	77-2	1167	1150	1080	1132	4.06	cps
Selenium	78-2	3821	3607	3561	3663	3.79	cps
Silicon	28-1	723198	723104	729722	725341	0.52	cps
Silver	107-1	451131	462616	454656	456134	1.29	cps
Silver	109-1	433690	432808	436257	434252	0.41	cps
Sodium	23-2	622627	615318	605013	614319	1.44	cps
Strontium	86-1	1433	1317	1183	1311	9.54	cps
Strontium	88-1	4818	5443	5468	5243	7.03	cps
Sulfur	34-1	351362	342853	345686	346634	1.25	cps
Terbium	159-1	9799166	9925821	10203175	9976054	2.07	cps
Terbium	159-2	4456591	4406316	4437211	4433373	0.57	cps
Thallium	203-1	1103511	1116498	1154518	1124843	2.36	cps
Thallium	205-1	2777192	2844517	2775870	2799193	1.40	cps
Tin	118-1	925	775	808	836	9.42	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICV23	Instrumnet Name :	P8
Client Sample ID :	ICV23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:31:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	283	300	281	7.47	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	148398	147378	147156	147644	0.45	cps
Ytterbium	172-1	33	75	67	58	37.80	cps
Ytterbium	172-2	33	11	50	31	61.98	cps
Ytterbium	176-1	1083	1358	1217	1220	11.28	cps
Ytterbium	176-2	8397	8508	8753	8553	2.13	cps
Yttrium	89-1	13149554	13234486	13448676	13277572	1.16	cps
Yttrium	89-2	1577906	1540224	1595774	1571301	1.80	cps
Zinc	66-2	66140	66057	63518	65239	2.28	cps
Zirconium	90-1	583	583	800	656	19.08	cps
Zirconium	91-1	392	333	308	344	12.42	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1490	1479	1499	1489	0.67	cps
Antimony	121-1	11589	12047	11071	11569	4.22	cps
Arsenic	75-2	238	213	184	212	12.77	cps
Barium	135-1	15017	15635	15159	15270	2.12	cps
Barium	137-1	26218	26844	26034	26365	1.61	cps
Beryllium	9-1	3585	3336	3317	3413	4.38	cps
Bismuth	209-1	5824861	5888733	5810632	5841408	0.71	cps
Bismuth	209-2	3113828	3225768	3155596	3165064	1.79	cps
Boron	10-1	11262	11686	11987	11645	3.13	cps
Boron	11-1	46821	49475	51261	49186	4.54	cps
Bromine	81-1	58754	57356	57488	57866	1.33	cps
Cadmium	111-1	2526	2554	2754	2611	4.78	cps
Cadmium	106-1	3901	4017	4059	3992	2.06	cps
Cadmium	108-1	138	125	142	135	6.44	cps
Calcium	43-1	13641	13014	13077	13244	2.61	cps
Calcium	44-1	221729	220701	216470	219633	1.27	cps
Carbon	12-1	5560056	5578114	5639170	5592447	0.74	cps
Carbon	12-2	63086	63019	63421	63175	0.34	cps
Chlorine	35-1	340880	341990	345450	342773	0.70	cps
Chlorine	35-2	2500	2309	2192	2334	6.67	cps
Chromium	52-2	4197	4271	4221	4230	0.89	cps
Cobalt	59-2	3557	3347	3524	3476	3.25	cps
Copper	63-2	6131	5918	5928	5992	2.01	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	27	17	13	19	36.75	cps
Gadolinium	160-1	92	67	117	92	27.27	cps
Gadolinium	160-2	83	60	113	86	31.25	cps
Holmium	165-1	9508021	9315711	9409370	9411034	1.02	cps
Holmium	165-2	4384347	4398737	4494549	4425878	1.35	cps
Indium	115-1	8506088	8481390	8218833	8402104	1.89	cps
Indium	115-2	1410605	1412868	1407529	1410334	0.19	cps
Iron	54-2	5151	5073	5129	5118	0.78	cps
Iron	56-2	82454	82086	80638	81726	1.17	cps
Iron	57-2	2100	1978	1995	2024	3.27	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	440	457	420	439	4.27	cps
Lead	206-1	5651	4829	4868	5116	9.07	cps
Lead	207-1	4456	4745	4073	4425	7.62	cps
Lead	208-1	10655	10738	10027	10473	3.72	cps
Lithium	6-1	5221141	5155848	5149651	5175547	0.77	cps
Magnesium	24-2	84026	84446	84160	84211	0.25	cps
Manganese	55-2	1157	1333	1180	1223	7.85	cps
Molybdenum	94-1	15843	14875	14424	15047	4.82	cps
Molybdenum	95-1	16761	17236	16802	16933	1.56	cps
Molybdenum	96-1	20082	19965	19464	19837	1.65	cps
Molybdenum	97-1	11322	10880	11580	11260	3.15	cps
Molybdenum	98-1	27737	28572	27837	28048	1.63	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	933	983	947	954	2.71	cps
Phosphorus	31-2	208	233	150	197	21.68	cps
Potassium	39-2	82083	80886	78882	80617	2.01	cps
Rhodium	103-1	7941121	8152329	7878768	7990740	1.79	cps
Rhodium	103-2	3792070	3680875	3631640	3701528	2.22	cps
Scandium	45-1	6393274	6572427	6473693	6479798	1.38	cps
Scandium	45-2	207807	207074	203301	206060	1.17	cps
Selenium	82-1	816	809	852	826	2.83	cps
Selenium	77-2	20	13	40	24	56.78	cps
Selenium	78-2	145	151	174	157	9.77	cps
Silicon	28-1	792109	790747	792228	791695	0.10	cps
Silver	107-1	10638	10121	9520	10093	5.54	cps
Silver	109-1	9437	9312	9629	9459	1.69	cps
Sodium	23-2	165667	167634	160816	164706	2.13	cps
Strontium	86-1	3918	3159	2925	3334	15.56	cps
Strontium	88-1	29011	21717	20340	23690	19.67	cps
Sulfur	34-1	348117	350167	349339	349207	0.30	cps
Terbium	159-1	10051388	9570443	9683789	9768540	2.57	cps
Terbium	159-2	4347592	4331862	4360969	4346808	0.34	cps
Thallium	203-1	6435	5918	5385	5913	8.88	cps
Thallium	205-1	14033	13591	13491	13705	2.11	cps
Tin	118-1	28522	27904	27328	27918	2.14	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:48:21	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6143	6252	6327	6240	1.48	cps
Uranium	238-1	17488	17020	16645	17051	2.48	cps
Vanadium	51-2	7689	7122	7265	7359	4.01	cps
Ytterbium	172-1	67	92	92	83	17.32	cps
Ytterbium	172-2	17	33	11	20	56.76	cps
Ytterbium	176-1	1200	1275	1208	1228	3.35	cps
Ytterbium	176-2	8158	8197	8781	8379	4.16	cps
Yttrium	89-1	13536355	13437361	13085838	13353184	1.77	cps
Yttrium	89-2	1580621	1509993	1562674	1551096	2.37	cps
Zinc	66-2	923	1043	1030	999	6.58	cps
Zirconium	90-1	12848	11839	12489	12392	4.13	cps
Zirconium	91-1	2900	2950	2584	2811	7.07	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICB23	Instrumnet Name :	P8
Client Sample ID :	ICB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:54:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	51	69	62	14.94	cps
Antimony	121-1	50	50	108	69	48.50	cps
Arsenic	75-2	0	1	2	1	100.00	cps
Barium	135-1	17	42	0	19	107.85	cps
Barium	137-1	17	0	33	17	99.99	cps
Beryllium	9-1	56	57	66	60	9.08	cps
Bismuth	209-1	5620424	5762377	5707359	5696720	1.26	cps
Bismuth	209-2	3101350	3140724	3042768	3094948	1.59	cps
Boron	10-1	934	990	1020	981	4.45	cps
Boron	11-1	4124	4242	4068	4144	2.14	cps
Bromine	81-1	58634	56874	59166	58224	2.06	cps
Cadmium	111-1	906	851	757	838	8.98	cps
Cadmium	106-1	4401	4201	3809	4137	7.28	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	119	126	160	135	16.27	cps
Calcium	44-1	9943	9977	10144	10021	1.08	cps
Carbon	12-1	5628392	5526714	5652234	5602446	1.19	cps
Carbon	12-2	64006	62575	62969	63183	1.17	cps
Chlorine	35-1	292362	291340	290240	291314	0.36	cps
Chlorine	35-2	2125	2184	2309	2206	4.25	cps
Chromium	52-2	560	570	503	544	6.60	cps
Cobalt	59-2	27	77	67	57	46.69	cps
Copper	63-2	693	693	590	659	9.05	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	83	67	64	32.83	cps
Erbium	164-2	37	23	50	37	36.37	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	113	137	140	130	11.17	cps
Holmium	165-1	9638018	9244681	9615173	9499291	2.32	cps
Holmium	165-2	4310091	4320361	4321027	4317160	0.14	cps
Indium	115-1	8355014	8377190	8458090	8396765	0.65	cps
Indium	115-2	1391071	1392942	1397973	1393996	0.26	cps
Iron	54-2	622	606	594	607	2.30	cps
Iron	56-2	3689	3606	3428	3575	3.73	cps
Iron	57-2	172	122	117	137	22.33	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICB23	Instrumnet Name :	P8
Client Sample ID :	ICB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:54:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	412	411	415	413	0.46	cps
Lead	206-1	472	472	394	446	10.06	cps
Lead	207-1	433	383	472	430	10.37	cps
Lead	208-1	917	917	1117	983	11.74	cps
Lithium	6-1	5042583	5123588	5119133	5095101	0.89	cps
Magnesium	24-2	308	233	342	294	18.84	cps
Manganese	55-2	53	40	40	44	17.32	cps
Molybdenum	94-1	200	117	225	181	31.42	cps
Molybdenum	95-1	17	17	8	14	34.67	cps
Molybdenum	96-1	158	167	175	167	5.00	cps
Molybdenum	97-1	8	58	8	25	115.49	cps
Molybdenum	98-1	108	17	92	72	67.61	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47	40	27	38	26.95	cps
Phosphorus	31-2	100	108	83	97	13.09	cps
Potassium	39-2	19305	19413	19155	19291	0.67	cps
Rhodium	103-1	7909782	7992725	7800361	7900956	1.22	cps
Rhodium	103-2	3750799	3662147	3712975	3708640	1.20	cps
Scandium	45-1	6391562	6369275	6290357	6350398	0.84	cps
Scandium	45-2	204457	205467	203541	204488	0.47	cps
Selenium	82-1	-24	-15	34	-2	-1854.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	72	59	90	74	21.13	cps
Silicon	28-1	712150	716091	704576	710939	0.82	cps
Silver	107-1	317	300	300	306	3.15	cps
Silver	109-1	275	183	258	239	20.44	cps
Sodium	23-2	10754	10904	10279	10646	3.07	cps
Strontium	86-1	692	583	700	658	9.89	cps
Strontium	88-1	208	200	275	228	18.05	cps
Sulfur	34-1	349254	349866	349169	349429	0.11	cps
Terbium	159-1	9896882	9879420	9925549	9900617	0.24	cps
Terbium	159-2	4285274	4405696	4225218	4305396	2.13	cps
Thallium	203-1	192	142	58	131	51.59	cps
Thallium	205-1	358	267	400	342	19.96	cps
Tin	118-1	517	608	483	536	12.08	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICB23	Instrumnet Name :	P8
Client Sample ID :	ICB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:54:36	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	292	183	239	22.70	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-2	0	10	17	9	94.38	cps
Ytterbium	172-1	83	42	33	53	50.76	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	1133	1242	1283	1220	6.35	cps
Ytterbium	176-2	7902	8281	8242	8142	2.55	cps
Yttrium	89-1	12979492	12832981	13107647	12973374	1.06	cps
Yttrium	89-2	1534780	1575244	1554568	1554864	1.30	cps
Zinc	66-2	227	227	250	234	5.75	cps
Zirconium	90-1	550	400	517	489	16.11	cps
Zirconium	91-1	100	133	92	108	20.35	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5929821	5845025	5677385	5817410	2.21	cps
Antimony	121-1	6352	7110	6552	6671	5.89	cps
Arsenic	75-2	57	65	59	60	6.90	cps
Barium	135-1	2350	2492	2059	2300	9.61	cps
Barium	137-1	3992	3784	3859	3878	2.72	cps
Beryllium	9-1	839	922	872	878	4.80	cps
Bismuth	209-1	5496453	5513241	5367028	5458907	1.47	cps
Bismuth	209-2	2929467	2879577	2559376	2789474	7.20	cps
Boron	10-1	1214	1208	1216	1212	0.34	cps
Boron	11-1	5004	5112	4910	5009	2.02	cps
Bromine	81-1	56120	55950	56773	56281	0.77	cps
Cadmium	111-1	1537	1596	1439	1524	5.21	cps
Cadmium	106-1	3926	3651	3884	3820	3.88	cps
Cadmium	108-1	1604	1538	1483	1542	3.93	cps
Calcium	43-1	2548722	2511906	2420579	2493736	2.65	cps
Calcium	44-1	40550820	40406229	39319816	40092289	1.68	cps
Carbon	12-1	24597457	24468610	24580496	24548854	0.29	cps
Carbon	12-2	269935	259386	262671	263997	2.04	cps
Chlorine	35-1	14950232	16998584	17965301	16638039	9.25	cps
Chlorine	35-2	147068	149559	154757	150461	2.61	cps
Chromium	52-2	37095	36236	35745	36358	1.88	cps
Cobalt	59-2	3701	3777	3671	3716	1.48	cps
Copper	63-2	17868	18335	17925	18043	1.41	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	10	17	23	17	39.99	cps
Erbium	164-1	92	100	108	100	8.33	cps
Erbium	164-2	57	47	37	47	21.43	cps
Gadolinium	160-1	83	42	92	72	37.09	cps
Gadolinium	160-2	110	93	90	98	10.96	cps
Holmium	165-1	9635396	9789250	9400362	9608336	2.04	cps
Holmium	165-2	4329893	4433980	3966870	4243581	5.78	cps
Indium	115-1	8095546	8100255	8071575	8089125	0.19	cps
Indium	115-2	1324642	1314453	1158296	1265797	7.37	cps
Iron	54-2	8302639	8125371	8070993	8166334	1.48	cps
Iron	56-2	152059909	146930287	147796453	148928883	1.84	cps
Iron	57-2	3798316	3683442	3715497	3732418	1.59	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	377	424	444	415	8.19	cps
Lead	206-1	23004	23806	21852	22887	4.29	cps
Lead	207-1	18486	18575	17545	18202	3.13	cps
Lead	208-1	40176	39508	39317	39667	1.14	cps
Lithium	6-1	5184404	5062824	5096336	5114521	1.23	cps
Magnesium	24-2	15575533	15111485	14813454	15166824	2.53	cps
Manganese	55-2	7792	8056	7695	7848	2.38	cps
Molybdenum	94-1	3803131	3802955	3734917	3780334	1.04	cps
Molybdenum	95-1	6612179	6540068	6424442	6525563	1.45	cps
Molybdenum	96-1	7259137	7057282	6971486	7095968	2.08	cps
Molybdenum	97-1	4072646	4116086	3880561	4023098	3.12	cps
Molybdenum	98-1	10691363	10562141	10265231	10506245	2.08	cps
Neodymium	150-1	20	53	47	40	44.09	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	4684	4467	4681	4611	2.69	cps
Phosphorus	31-2	359228	356225	343868	353107	2.31	cps
Potassium	39-2	11611272	11075352	11047269	11244631	2.83	cps
Rhodium	103-1	7337808	7528444	7334847	7400366	1.50	cps
Rhodium	103-2	3313754	3356005	3038504	3236088	5.33	cps
Scandium	45-1	6298877	6390228	6433961	6374355	1.08	cps
Scandium	45-2	196737	202526	175817	191693	7.33	cps
Selenium	82-1	116	46	28	63	73.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	66	63	65	65	2.36	cps
Silicon	28-1	852125	853021	848694	851280	0.27	cps
Silver	107-1	550	467	508	508	8.20	cps
Silver	109-1	583	442	475	500	14.81	cps
Sodium	23-2	30142951	29077983	29168849	29463261	2.00	cps
Strontium	86-1	80214	81203	78730	80049	1.55	cps
Strontium	88-1	694419	697276	679038	690244	1.42	cps
Sulfur	34-1	4168937	4081980	3957131	4069349	2.62	cps
Terbium	159-1	10178098	10100183	9931007	10069763	1.25	cps
Terbium	159-2	4466026	4343067	3913842	4240978	6.84	cps
Thallium	203-1	600	500	483	528	11.96	cps
Thallium	205-1	1475	1283	1342	1367	7.19	cps
Tin	118-1	2892	2709	2634	2745	4.84	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSA23	Instrumnet Name :	P8
Client Sample ID :	ICSA23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 10:57:45	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2251173	2229272	2251077	2243840	0.56	cps
Uranium	238-1	542	450	425	472	13.01	cps
Vanadium	51-2	270	223	203	232	14.73	cps
Ytterbium	172-1	100	58	33	64	52.72	cps
Ytterbium	172-2	28	56	28	37	43.30	cps
Ytterbium	176-1	1375	1333	1458	1389	4.58	cps
Ytterbium	176-2	7964	8425	7391	7927	6.53	cps
Yttrium	89-1	12984229	12946367	12977551	12969382	0.16	cps
Yttrium	89-2	1501233	1484083	1311579	1432299	7.32	cps
Zinc	66-2	3701	3587	3684	3657	1.67	cps
Zirconium	90-1	733	608	608	650	11.10	cps
Zirconium	91-1	133	92	100	108	20.35	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5886300	5735269	5689260	5770276	1.79	cps
Antimony	121-1	119530	117848	116789	118055	1.17	cps
Arsenic	75-2	3514	3605	3470	3529	1.95	cps
Barium	135-1	33108	32907	32465	32827	1.00	cps
Barium	137-1	57850	55631	55523	56335	2.33	cps
Beryllium	9-1	58332	58750	58127	58403	0.54	cps
Bismuth	209-1	5520649	5684355	5417297	5540767	2.43	cps
Bismuth	209-2	2907942	2903034	2939047	2916674	0.67	cps
Boron	10-1	1072	1064	1140	1092	3.82	cps
Boron	11-1	4548	4698	4500	4582	2.25	cps
Bromine	81-1	57589	58392	55617	57199	2.50	cps
Cadmium	111-1	33901	33618	32771	33430	1.76	cps
Cadmium	106-1	7127	6835	6485	6816	4.72	cps
Cadmium	108-1	3551	3609	3926	3695	5.46	cps
Calcium	43-1	2367869	2453791	2395565	2405742	1.82	cps
Calcium	44-1	39190315	38967089	40013113	39390173	1.40	cps
Carbon	12-1	24441027	24862545	25029509	24777693	1.22	cps
Carbon	12-2	272165	271119	263729	269004	1.71	cps
Chlorine	35-1	17630031	19722686	20998149	19450289	8.74	cps
Chlorine	35-2	165964	166391	173203	168519	2.41	cps
Chromium	52-2	70165	68038	68925	69043	1.55	cps
Cobalt	59-2	65795	64087	63652	64511	1.76	cps
Copper	63-2	63474	62125	62015	62538	1.30	cps
Dysprosium	156-1	17	58	50	42	52.91	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	100	108	108	106	4.56	cps
Erbium	164-2	43	53	27	41	32.76	cps
Gadolinium	160-1	92	92	25	69	55.43	cps
Gadolinium	160-2	87	113	117	106	15.58	cps
Holmium	165-1	9511367	9695682	9695664	9634238	1.10	cps
Holmium	165-2	4375887	4444638	4362975	4394500	1.00	cps
Indium	115-1	8113739	8273564	8151212	8179505	1.02	cps
Indium	115-2	1332737	1325966	1329398	1329367	0.25	cps
Iron	54-2	8043460	8047910	7807251	7966207	1.73	cps
Iron	56-2	148164326	143737714	144014787	145305609	1.71	cps
Iron	57-2	3744414	3617072	3517868	3626451	3.13	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	419	379	422	407	5.96	cps
Lead	206-1	121157	118686	116127	118657	2.12	cps
Lead	207-1	101838	100047	100521	100802	0.92	cps
Lead	208-1	226066	230520	225637	227408	1.19	cps
Lithium	6-1	5068718	4982496	5141440	5064218	1.57	cps
Magnesium	24-2	15149817	14830059	15064593	15014823	1.10	cps
Manganese	55-2	27677	26007	25947	26544	3.70	cps
Molybdenum	94-1	3691029	3756439	3657925	3701798	1.35	cps
Molybdenum	95-1	6529515	6471807	6358775	6453366	1.35	cps
Molybdenum	96-1	6947380	7098738	6938939	6995019	1.29	cps
Molybdenum	97-1	4054335	3978244	3992025	4008201	1.01	cps
Molybdenum	98-1	10467990	10404248	10303405	10391881	0.80	cps
Neodymium	150-1	13	40	67	40	66.68	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	20906	20051	20692	20549	2.16	cps
Phosphorus	31-2	361029	345179	343460	349889	2.77	cps
Potassium	39-2	11548905	11079524	11243014	11290481	2.11	cps
Rhodium	103-1	7403961	7278400	7437302	7373221	1.14	cps
Rhodium	103-2	3378637	3451256	3384342	3404745	1.19	cps
Scandium	45-1	6188971	6338875	6437034	6321627	1.98	cps
Scandium	45-2	202363	199487	201501	201117	0.73	cps
Selenium	82-1	3055	3150	2990	3065	2.63	cps
Selenium	77-2	103	97	63	88	24.42	cps
Selenium	78-2	367	359	341	356	3.74	cps
Silicon	28-1	847758	844215	854269	848747	0.60	cps
Silver	107-1	167934	165371	162494	165266	1.65	cps
Silver	109-1	158823	154319	160743	157961	2.09	cps
Sodium	23-2	29432571	29630104	28732773	29265149	1.61	cps
Strontium	86-1	80642	80658	77800	79700	2.06	cps
Strontium	88-1	694201	690912	676978	687364	1.33	cps
Sulfur	34-1	4032415	4029787	3976281	4012828	0.79	cps
Terbium	159-1	10159549	10367691	9922358	10149866	2.20	cps
Terbium	159-2	4405970	4358195	4299015	4354393	1.23	cps
Thallium	203-1	120904	117980	116815	118566	1.78	cps
Thallium	205-1	282850	288899	282347	284699	1.28	cps
Tin	118-1	1425	1492	1492	1470	2.62	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	ICSAB23	Instrumnet Name :	P8
Client Sample ID :	ICSAB23	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:03:22	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2217035	2221036	2187834	2208635	0.82	cps
Uranium	238-1	733	533	642	636	15.74	cps
Vanadium	51-2	28475	27443	27276	27731	2.34	cps
Ytterbium	172-1	83	25	67	58	51.51	cps
Ytterbium	172-2	22	44	56	41	41.67	cps
Ytterbium	176-1	1433	1242	1150	1275	11.34	cps
Ytterbium	176-2	8186	8275	8469	8310	1.74	cps
Yttrium	89-1	13106035	13081397	13149324	13112252	0.26	cps
Yttrium	89-2	1521504	1531234	1483406	1512048	1.67	cps
Zinc	66-2	9443	9423	8906	9258	3.29	cps
Zirconium	90-1	575	583	783	647	18.22	cps
Zirconium	91-1	192	150	117	153	24.60	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3148279	3146141	3104261	3132894	0.79	cps
Antimony	121-1	2857027	2897524	2905347	2886633	0.90	cps
Arsenic	75-2	87737	87143	86152	87010	0.92	cps
Barium	135-1	3672737	3835730	3765339	3757935	2.18	cps
Barium	137-1	6226945	6384999	6416977	6342974	1.60	cps
Beryllium	9-1	1362718	1421790	1397502	1394003	2.13	cps
Bismuth	209-1	5028066	5137711	5127665	5097814	1.19	cps
Bismuth	209-2	2758451	2701800	2678975	2713075	1.51	cps
Boron	10-1	568863	578961	589063	578962	1.74	cps
Boron	11-1	2145682	2314937	2283360	2247993	4.00	cps
Bromine	81-1	53478	53779	55296	54184	1.80	cps
Cadmium	111-1	785766	794395	781734	787298	0.82	cps
Cadmium	106-1	98804	98637	98360	98600	0.23	cps
Cadmium	108-1	66003	66874	66798	66558	0.72	cps
Calcium	43-1	6058109	5991265	5999715	6016363	0.61	cps
Calcium	44-1	96239600	95322097	95717126	95759608	0.48	cps
Carbon	12-1	5781609	5888282	5981883	5883925	1.70	cps
Carbon	12-2	70913	72454	72680	72016	1.33	cps
Chlorine	35-1	1491610	1479589	1504274	1491824	0.83	cps
Chlorine	35-2	10337	10713	9753	10268	4.71	cps
Chromium	52-2	905389	887897	870116	887801	1.99	cps
Cobalt	59-2	1644424	1602203	1566291	1604306	2.44	cps
Copper	63-2	13119825	12807516	12584588	12837310	2.09	cps
Dysprosium	156-1	725	742	808	758	5.81	cps
Dysprosium	156-2	320	397	337	351	11.48	cps
Erbium	164-1	183	183	167	178	5.41	cps
Erbium	164-2	70	60	50	60	16.67	cps
Gadolinium	160-1	708	917	683	769	16.65	cps
Gadolinium	160-2	463	517	483	488	5.52	cps
Holmium	165-1	9184195	9097337	9146192	9142575	0.48	cps
Holmium	165-2	4287685	4281645	4271800	4280377	0.19	cps
Indium	115-1	7528488	7640526	7453715	7540910	1.25	cps
Indium	115-2	1266928	1281236	1280396	1276187	0.63	cps
Iron	54-2	10514956	10166742	9965462	10215720	2.72	cps
Iron	56-2	186538160	185031437	183053960	184874519	0.95	cps
Iron	57-2	4790946	4605216	4579420	4658527	2.48	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	361	437	400	9.54	cps
Lead	206-1	11556886	11247348	11601477	11468570	1.68	cps
Lead	207-1	10151365	10096134	10317333	10188278	1.13	cps
Lead	208-1	23010914	24027894	24004386	23681065	2.45	cps
Lithium	6-1	4872674	4897662	5081145	4950493	2.30	cps
Magnesium	24-2	41347086	41906223	40336730	41196680	1.93	cps
Manganese	55-2	5152355	5017259	4889179	5019598	2.62	cps
Molybdenum	94-1	11722120	11365345	11797726	11628397	1.99	cps
Molybdenum	95-1	16719956	16441951	16880965	16680957	1.33	cps
Molybdenum	96-1	18181442	17978323	18299380	18153048	0.89	cps
Molybdenum	97-1	10316520	10004360	10159423	10160101	1.54	cps
Molybdenum	98-1	27093600	26115087	26555124	26587937	1.84	cps
Neodymium	150-1	473	513	493	493	4.05	cps
Neodymium	150-2	50	47	67	54	19.68	cps
Nickel	60-2	436082	433299	422704	430695	1.64	cps
Phosphorus	31-2	36472	36714	36764	36650	0.43	cps
Potassium	39-2	14683781	14939382	14660097	14761086	1.05	cps
Rhodium	103-1	7137742	6830464	6937094	6968433	2.24	cps
Rhodium	103-2	3280341	3214950	3260248	3251846	1.03	cps
Scandium	45-1	6014070	6095584	6167764	6092473	1.26	cps
Scandium	45-2	198519	199437	199216	199057	0.24	cps
Selenium	82-1	71163	72669	70892	71575	1.34	cps
Selenium	77-2	2297	2374	2247	2306	2.77	cps
Selenium	78-2	7986	7919	7737	7881	1.64	cps
Silicon	28-1	42255083	42766765	42232511	42418120	0.71	cps
Silver	107-1	4207847	4269068	4309949	4262288	1.21	cps
Silver	109-1	4105469	4069029	4008469	4060989	1.21	cps
Sodium	23-2	76450175	76608500	73377614	75478763	2.41	cps
Strontium	86-1	27588841	28456123	27756410	27933791	1.65	cps
Strontium	88-1	239472797	245320164	248143172	244312044	1.81	cps
Sulfur	34-1	801431	802562	805247	803080	0.24	cps
Terbium	159-1	9351149	9384313	9696210	9477224	2.01	cps
Terbium	159-2	4333943	4272153	4235418	4280505	1.16	cps
Thallium	203-1	2784981	2777416	2757839	2773412	0.51	cps
Thallium	205-1	6601909	6594111	6595970	6597330	0.06	cps
Tin	118-1	2608380	2691821	2667282	2655828	1.61	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:11:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5455059	5492290	5360511	5435953	1.25	cps
Uranium	238-1	8553926	8596690	8975602	8708740	2.67	cps
Vanadium	51-2	743612	730700	725491	733267	1.27	cps
Ytterbium	172-1	408	425	342	392	11.26	cps
Ytterbium	172-2	144	200	183	176	16.21	cps
Ytterbium	176-1	13774	13766	13741	13760	0.13	cps
Ytterbium	176-2	13173	12996	13435	13201	1.67	cps
Yttrium	89-1	12818952	12647196	12703198	12723116	0.69	cps
Yttrium	89-2	1476279	1487155	1465609	1476348	0.73	cps
Zinc	66-2	1550384	1518424	1458162	1508990	3.10	cps
Zirconium	90-1	6249616	6138691	6055385	6147897	1.58	cps
Zirconium	91-1	1390462	1371738	1376831	1379677	0.70	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76	96	95	89	12.57	cps
Antimony	121-1	267	383	492	381	29.57	cps
Arsenic	75-2	2	7	3	4	66.14	cps
Barium	135-1	67	50	8	42	72.12	cps
Barium	137-1	58	75	50	61	20.83	cps
Beryllium	9-1	100	100	99	100	0.72	cps
Bismuth	209-1	5819427	5764272	5716095	5766598	0.90	cps
Bismuth	209-2	3123210	3155576	3164998	3147928	0.70	cps
Boron	10-1	4486	4424	4284	4398	2.35	cps
Boron	11-1	18194	18126	18078	18132	0.32	cps
Bromine	81-1	57176	60082	56271	57843	3.44	cps
Cadmium	111-1	799	713	738	750	5.89	cps
Cadmium	106-1	3959	3409	3659	3676	7.49	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Calcium	43-1	161	141	174	159	10.33	cps
Calcium	44-1	9997	9955	10022	9991	0.34	cps
Carbon	12-1	5411248	5415095	5420822	5415721	0.09	cps
Carbon	12-2	61689	62174	63203	62355	1.24	cps
Chlorine	35-1	778392	785800	758406	774199	1.83	cps
Chlorine	35-2	5368	5660	5701	5576	3.26	cps
Chromium	52-2	660	580	553	598	9.29	cps
Cobalt	59-2	83	53	63	67	22.91	cps
Copper	63-2	743	893	877	838	9.81	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	125	50	72	63.55	cps
Erbium	164-2	23	27	47	32	39.17	cps
Gadolinium	160-1	33	58	58	50	28.87	cps
Gadolinium	160-2	133	120	110	121	9.67	cps
Holmium	165-1	9150769	9565522	9366122	9360804	2.22	cps
Holmium	165-2	4526578	4322504	4473362	4440815	2.38	cps
Indium	115-1	8479060	8486824	8371208	8445697	0.77	cps
Indium	115-2	1384510	1397139	1400314	1393987	0.60	cps
Iron	54-2	678	622	533	611	11.92	cps
Iron	56-2	5090	5018	4590	4899	5.52	cps
Iron	57-2	200	183	233	206	12.38	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	417	440	470	442	5.95	cps
Lead	206-1	683	611	589	628	7.86	cps
Lead	207-1	650	517	506	557	14.42	cps
Lead	208-1	1361	1178	1395	1311	8.90	cps
Lithium	6-1	4961849	5097056	5231230	5096711	2.64	cps
Magnesium	24-2	683	550	567	600	12.11	cps
Manganese	55-2	70	47	50	56	22.71	cps
Molybdenum	94-1	325	267	308	300	10.01	cps
Molybdenum	95-1	275	242	233	250	8.82	cps
Molybdenum	96-1	358	283	400	347	17.03	cps
Molybdenum	97-1	158	100	83	114	34.58	cps
Molybdenum	98-1	508	292	250	350	39.63	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	40	20	43	34	36.64	cps
Phosphorus	31-2	117	67	42	75	50.92	cps
Potassium	39-2	19372	19747	19680	19600	1.02	cps
Rhodium	103-1	7846420	7909440	7858161	7871340	0.43	cps
Rhodium	103-2	3666190	3668115	3629452	3654586	0.60	cps
Scandium	45-1	6263172	6365612	6238724	6289169	1.07	cps
Scandium	45-2	203670	203724	204053	203816	0.10	cps
Selenium	82-1	-3	4	-19	-6	-199.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	64	65	70	13.63	cps
Silicon	28-1	691138	682080	689552	687590	0.70	cps
Silver	107-1	1208	1375	1150	1245	9.38	cps
Silver	109-1	908	1225	1175	1103	15.44	cps
Sodium	23-2	14483	14124	13824	14143	2.33	cps
Strontium	86-1	775	708	892	792	11.72	cps
Strontium	88-1	1342	1300	1308	1317	1.67	cps
Sulfur	34-1	326994	325337	329057	327129	0.57	cps
Terbium	159-1	9854669	9987816	9857480	9899988	0.77	cps
Terbium	159-2	4277719	4313741	4339508	4310323	0.72	cps
Thallium	203-1	250	417	317	328	25.59	cps
Thallium	205-1	742	667	650	686	7.12	cps
Tin	118-1	517	567	608	564	8.14	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:23:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	358	308	353	11.89	cps
Uranium	238-1	67	42	67	58	24.74	cps
Vanadium	51-2	3	23	13	13	75.02	cps
Ytterbium	172-1	100	67	8	58	79.54	cps
Ytterbium	172-2	44	28	50	41	28.38	cps
Ytterbium	176-1	1250	1117	1208	1192	5.72	cps
Ytterbium	176-2	7736	7747	8192	7891	3.30	cps
Yttrium	89-1	12887257	13258894	13106841	13084330	1.43	cps
Yttrium	89-2	1507388	1557543	1506110	1523680	1.93	cps
Zinc	66-2	243	267	200	237	14.29	cps
Zirconium	90-1	550	467	583	533	11.27	cps
Zirconium	91-1	125	58	92	92	36.36	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1356	1309	1301	1322	2.26	cps
Antimony	121-1	11872	12222	11405	11833	3.47	cps
Arsenic	75-2	197	189	192	193	2.10	cps
Barium	135-1	15000	15509	15192	15234	1.69	cps
Barium	137-1	26886	28055	26744	27228	2.64	cps
Beryllium	9-1	3316	3246	3397	3320	2.28	cps
Bismuth	209-1	5802032	5905326	5985224	5897528	1.56	cps
Bismuth	209-2	3099281	3236452	2969422	3101718	4.31	cps
Boron	10-1	12627	12511	12955	12698	1.81	cps
Boron	11-1	53011	55020	54819	54283	2.04	cps
Bromine	81-1	60955	59598	59679	60077	1.27	cps
Cadmium	111-1	2571	2689	2591	2617	2.41	cps
Cadmium	106-1	4267	4317	4109	4231	2.57	cps
Cadmium	108-1	142	154	175	157	10.73	cps
Calcium	43-1	12957	12904	12800	12887	0.62	cps
Calcium	44-1	216323	219979	214680	216994	1.25	cps
Carbon	12-1	5066305	5123831	7796568	5995568	26.02	cps
Carbon	12-2	85300	69171	66434	73635	13.84	cps
Chlorine	35-1	524990	522843	512363	520066	1.30	cps
Chlorine	35-2	3784	3867	3642	3764	3.02	cps
Chromium	52-2	4307	4067	4224	4200	2.90	cps
Cobalt	59-2	3434	3467	3334	3412	2.03	cps
Copper	63-2	5958	5921	6128	6002	1.84	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	25	58	58	47	40.76	cps
Erbium	164-2	13	53	27	31	65.47	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	100	107	100	102	3.77	cps
Holmium	165-1	9468644	9689731	9696478	9618284	1.35	cps
Holmium	165-2	4326863	4270784	4327492	4308380	0.76	cps
Indium	115-1	8275893	8592935	8648606	8505811	2.36	cps
Indium	115-2	1379268	1427845	1371549	1392887	2.19	cps
Iron	54-2	4768	4690	4995	4818	3.30	cps
Iron	56-2	82057	78968	79297	80107	2.12	cps
Iron	57-2	2272	2184	1950	2135	7.79	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	402	516	455	12.61	cps
Lead	206-1	5218	4818	5018	5018	3.99	cps
Lead	207-1	4612	4512	4556	4560	1.10	cps
Lead	208-1	10672	10582	10466	10573	0.98	cps
Lithium	6-1	5173616	5113217	5312371	5199735	1.96	cps
Magnesium	24-2	84613	81286	81386	82428	2.30	cps
Manganese	55-2	1130	1040	1077	1082	4.18	cps
Molybdenum	94-1	14908	14625	14400	14644	1.74	cps
Molybdenum	95-1	18087	17854	17236	17726	2.48	cps
Molybdenum	96-1	20632	19940	19331	19968	3.26	cps
Molybdenum	97-1	12047	11597	10621	11422	6.38	cps
Molybdenum	98-1	28037	28513	27963	28171	1.06	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	910	980	967	952	3.90	cps
Phosphorus	31-2	125	208	142	158	27.85	cps
Potassium	39-2	80793	77182	77500	78491	2.55	cps
Rhodium	103-1	7949337	8059151	8288108	8098865	2.13	cps
Rhodium	103-2	3657771	3849462	3625881	3711038	3.26	cps
Scandium	45-1	6295592	6509327	6555291	6453403	2.15	cps
Scandium	45-2	203596	206483	203307	204462	0.86	cps
Selenium	82-1	809	864	819	830	3.53	cps
Selenium	77-2	37	7	30	24	64.43	cps
Selenium	78-2	188	156	148	164	12.90	cps
Silicon	28-1	783168	774879	788961	782336	0.90	cps
Silver	107-1	10880	9870	10129	10293	5.09	cps
Silver	109-1	9971	9604	9187	9587	4.09	cps
Sodium	23-2	163530	162747	159847	162041	1.20	cps
Strontium	86-1	3192	3017	3501	3237	7.56	cps
Strontium	88-1	21208	21651	21233	21364	1.16	cps
Sulfur	34-1	339767	339323	342309	340466	0.47	cps
Terbium	159-1	9669210	9651332	10288869	9869804	3.68	cps
Terbium	159-2	4341789	4530936	4194323	4355683	3.87	cps
Thallium	203-1	5526	5927	5376	5610	5.07	cps
Thallium	205-1	14567	14108	13766	14147	2.84	cps
Tin	118-1	29432	29399	27311	28714	4.23	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:38:03	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5901	6285	6227	6138	3.37	cps
Uranium	238-1	17763	16419	17362	17182	4.01	cps
Vanadium	51-2	7132	7355	7008	7165	2.45	cps
Ytterbium	172-1	75	42	58	58	28.57	cps
Ytterbium	172-2	28	56	39	41	34.32	cps
Ytterbium	176-1	1375	1433	1067	1292	15.25	cps
Ytterbium	176-2	7575	8275	8558	8136	6.23	cps
Yttrium	89-1	12765829	13450913	13663819	13293520	3.53	cps
Yttrium	89-2	1567863	1605105	1517017	1563328	2.83	cps
Zinc	66-2	1010	960	927	966	4.34	cps
Zirconium	90-1	12556	12606	12189	12450	1.83	cps
Zirconium	91-1	3150	3100	2850	3034	5.30	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	80	91	88	7.83	cps
Antimony	121-1	83	117	142	114	25.69	cps
Arsenic	75-2	3	4	5	4	25.00	cps
Barium	135-1	0	25	42	22	94.38	cps
Barium	137-1	42	50	75	56	31.22	cps
Beryllium	9-1	71	69	84	75	10.78	cps
Bismuth	209-1	5776625	5818997	5700850	5765491	1.04	cps
Bismuth	209-2	3105036	3134308	3164447	3134597	0.95	cps
Boron	10-1	2546	2454	2406	2468	2.88	cps
Boron	11-1	11174	10864	10370	10803	3.76	cps
Bromine	81-1	58091	62153	59286	59843	3.49	cps
Cadmium	111-1	820	786	734	780	5.57	cps
Cadmium	106-1	4084	3976	3617	3892	6.28	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	155	140	159	151	6.56	cps
Calcium	44-1	9800	10115	10328	10081	2.63	cps
Carbon	12-1	5919908	5738245	5904624	5854259	1.72	cps
Carbon	12-2	65580	64485	65639	65234	1.00	cps
Chlorine	35-1	501829	495759	493897	497162	0.83	cps
Chlorine	35-2	3384	3425	3817	3542	6.75	cps
Chromium	52-2	637	563	523	574	10.01	cps
Cobalt	59-2	20	40	40	33	34.64	cps
Copper	63-2	723	770	747	747	3.13	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	100	33	64	52.72	cps
Erbium	164-2	37	30	30	32	11.95	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	83	93	70	82	14.24	cps
Holmium	165-1	9640153	9510825	9387918	9512965	1.33	cps
Holmium	165-2	4406642	4371066	4345668	4374459	0.70	cps
Indium	115-1	8281143	8412633	8522436	8405404	1.44	cps
Indium	115-2	1366995	1395232	1382891	1381706	1.02	cps
Iron	54-2	639	661	672	657	2.58	cps
Iron	56-2	4701	4345	4640	4562	4.17	cps
Iron	57-2	183	150	200	178	14.32	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	376	456	409	10.23	cps
Lead	206-1	478	606	589	557	12.46	cps
Lead	207-1	433	517	539	496	11.21	cps
Lead	208-1	1206	1095	1183	1161	5.06	cps
Lithium	6-1	5136421	5210426	5199909	5182252	0.77	cps
Magnesium	24-2	467	450	525	481	8.19	cps
Manganese	55-2	73	60	77	70	12.60	cps
Molybdenum	94-1	275	233	283	264	10.15	cps
Molybdenum	95-1	175	108	183	156	26.43	cps
Molybdenum	96-1	267	258	325	283	12.82	cps
Molybdenum	97-1	117	67	67	83	34.64	cps
Molybdenum	98-1	183	150	233	189	22.20	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	37	37	30	34	11.18	cps
Phosphorus	31-2	42	100	108	83	43.59	cps
Potassium	39-2	20356	19489	19806	19884	2.21	cps
Rhodium	103-1	7928747	8086725	7802706	7939392	1.79	cps
Rhodium	103-2	3751534	3627806	3618180	3665840	2.03	cps
Scandium	45-1	6474605	6259888	6327128	6353874	1.73	cps
Scandium	45-2	208076	208503	203630	206736	1.31	cps
Selenium	82-1	49	61	3	37	82.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	51	67	63	16.30	cps
Silicon	28-1	705984	695377	698816	700059	0.77	cps
Silver	107-1	500	625	542	556	11.46	cps
Silver	109-1	458	358	433	417	12.49	cps
Sodium	23-2	11939	12848	12697	12495	3.90	cps
Strontium	86-1	850	783	842	825	4.40	cps
Strontium	88-1	1483	1142	1400	1342	13.28	cps
Sulfur	34-1	339620	340346	340386	340117	0.13	cps
Terbium	159-1	9781269	10138733	9957045	9959016	1.79	cps
Terbium	159-2	4148555	4418725	4330293	4299191	3.20	cps
Thallium	203-1	267	192	183	214	21.46	cps
Thallium	205-1	508	458	658	542	19.22	cps
Tin	118-1	583	508	750	614	20.15	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BL	Instrumnet Name :	P8
Client Sample ID :	PB150722BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:41:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	300	308	258	30.77	cps
Uranium	238-1	42	83	75	67	33.07	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	67	50	67	61	15.75	cps
Ytterbium	172-2	56	39	33	43	27.16	cps
Ytterbium	176-1	1400	1200	1367	1322	8.10	cps
Ytterbium	176-2	8158	8086	8353	8199	1.68	cps
Yttrium	89-1	13183501	13013537	13356621	13184553	1.30	cps
Yttrium	89-2	1552252	1540776	1513324	1535451	1.30	cps
Zinc	66-2	233	183	307	241	25.73	cps
Zirconium	90-1	667	608	600	625	5.81	cps
Zirconium	91-1	92	108	75	92	18.18	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	657954	642742	644369	648355	1.29	cps
Antimony	121-1	2956853	2845809	2934941	2912534	2.02	cps
Arsenic	75-2	94361	92522	91336	92740	1.64	cps
Barium	135-1	4009123	3950048	3883205	3947459	1.60	cps
Barium	137-1	6833988	6875885	6864724	6858199	0.32	cps
Beryllium	9-1	1486873	1544449	1484360	1505227	2.26	cps
Bismuth	209-1	5806411	5886211	5914649	5869090	0.96	cps
Bismuth	209-2	3124689	3138664	3157942	3140431	0.53	cps
Boron	10-1	585995	616698	634507	612400	4.01	cps
Boron	11-1	2215796	2392800	2429061	2345886	4.86	cps
Bromine	81-1	57648	59950	57176	58258	2.55	cps
Cadmium	111-1	860992	862398	858041	860477	0.26	cps
Cadmium	106-1	105663	105604	103782	105016	1.02	cps
Cadmium	108-1	73131	70622	70500	71417	2.08	cps
Calcium	43-1	1571493	1550164	1519395	1547017	1.69	cps
Calcium	44-1	22721333	22537100	22122380	22460271	1.37	cps
Carbon	12-1	6584113	6529898	6616170	6576727	0.66	cps
Carbon	12-2	76374	77262	75293	76310	1.29	cps
Chlorine	35-1	506753	504716	502095	504521	0.46	cps
Chlorine	35-2	3476	3617	3626	3573	2.36	cps
Chromium	52-2	926368	900399	897465	908077	1.75	cps
Cobalt	59-2	1698104	1664259	1644845	1669069	1.61	cps
Copper	63-2	13130894	12720708	12999934	12950512	1.62	cps
Dysprosium	156-1	225	192	308	242	24.87	cps
Dysprosium	156-2	60	103	120	94	32.79	cps
Erbium	164-1	117	108	183	136	30.20	cps
Erbium	164-2	53	47	53	51	7.52	cps
Gadolinium	160-1	258	250	350	286	19.39	cps
Gadolinium	160-2	203	230	137	190	25.30	cps
Holmium	165-1	9734752	10046531	9847782	9876355	1.60	cps
Holmium	165-2	4500016	4400177	4572019	4490737	1.92	cps
Indium	115-1	8746995	8218562	8270061	8411873	3.46	cps
Indium	115-2	1383868	1357865	1361327	1367687	1.03	cps
Iron	54-2	2308827	2238297	2314525	2287216	1.86	cps
Iron	56-2	39305012	39818047	39073512	39398857	0.97	cps
Iron	57-2	984101	976152	970685	976979	0.69	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	437	437	430	2.85	cps
Lead	206-1	12397052	12260733	12262064	12306616	0.64	cps
Lead	207-1	11071487	10879250	10887817	10946185	0.99	cps
Lead	208-1	25363245	24974187	25132111	25156515	0.78	cps
Lithium	6-1	5139854	5401817	5503689	5348453	3.51	cps
Magnesium	24-2	8808121	8931738	8475523	8738461	2.70	cps
Manganese	55-2	5264668	5274289	5116507	5218488	1.69	cps
Molybdenum	94-1	12226985	12337398	12157911	12240765	0.74	cps
Molybdenum	95-1	17907646	17273290	17115761	17432232	2.40	cps
Molybdenum	96-1	19355442	19514285	19122742	19330823	1.02	cps
Molybdenum	97-1	10876945	10697872	10554685	10709834	1.51	cps
Molybdenum	98-1	28508184	28087479	27587063	28060909	1.64	cps
Neodymium	150-1	387	427	387	400	5.77	cps
Neodymium	150-2	23	40	27	30	29.40	cps
Nickel	60-2	447492	433420	436427	439113	1.69	cps
Phosphorus	31-2	39020	38142	36304	37822	3.66	cps
Potassium	39-2	3156261	3134663	3063895	3118273	1.55	cps
Rhodium	103-1	8018467	7792026	7958203	7922899	1.48	cps
Rhodium	103-2	3562241	3629732	3620963	3604312	1.02	cps
Scandium	45-1	6896966	6528611	6607710	6677762	2.90	cps
Scandium	45-2	209365	206437	210073	208625	0.92	cps
Selenium	82-1	79597	79361	79447	79468	0.15	cps
Selenium	77-2	2484	2350	2340	2391	3.35	cps
Selenium	78-2	8251	8215	7993	8153	1.71	cps
Silicon	28-1	44284295	44862654	44459568	44535506	0.67	cps
Silver	107-1	4689716	4610260	4579406	4626461	1.23	cps
Silver	109-1	4420731	4219666	4411442	4350613	2.61	cps
Sodium	23-2	15879271	15943380	15344077	15722242	2.09	cps
Strontium	86-1	29358929	29705383	29271964	29445425	0.78	cps
Strontium	88-1	258210172	257922481	248960081	255030911	2.06	cps
Sulfur	34-1	861541	866258	860091	862630	0.37	cps
Terbium	159-1	10253892	10645263	10291789	10396981	2.08	cps
Terbium	159-2	4553035	4503216	4666632	4574294	1.83	cps
Thallium	203-1	2972955	2981521	2939345	2964607	0.75	cps
Thallium	205-1	6897496	7021552	7023372	6980807	1.03	cps
Tin	118-1	2823642	2860224	2840404	2841423	0.64	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150722BS	Instrumnet Name :	P8
Client Sample ID :	PB150722BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:44:23	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5793175	5658440	5582686	5678100	1.88	cps
Uranium	238-1	8951545	9030171	9121873	9034529	0.94	cps
Vanadium	51-2	754854	740719	731909	742494	1.56	cps
Ytterbium	172-1	167	117	208	164	28.00	cps
Ytterbium	172-2	61	89	106	85	26.36	cps
Ytterbium	176-1	14250	14450	14100	14266	1.23	cps
Ytterbium	176-2	13357	13741	13969	13689	2.26	cps
Yttrium	89-1	13687306	13814556	13994716	13832193	1.12	cps
Yttrium	89-2	1564588	1557459	1567073	1563040	0.32	cps
Zinc	66-2	1662078	1617854	1639844	1639925	1.35	cps
Zirconium	90-1	6460556	6537241	6281687	6426495	2.04	cps
Zirconium	91-1	1464795	1432453	1411777	1436342	1.86	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	80	76	74	10.59	cps
Antimony	121-1	408	425	667	500	28.92	cps
Arsenic	75-2	5	10	0	5	100.00	cps
Barium	135-1	108	100	133	114	15.23	cps
Barium	137-1	300	125	217	214	40.92	cps
Beryllium	9-1	161	144	144	150	6.76	cps
Bismuth	209-1	5877573	5915372	5957021	5916655	0.67	cps
Bismuth	209-2	3287327	3255178	3218574	3253693	1.06	cps
Boron	10-1	9035	8581	8643	8753	2.81	cps
Boron	11-1	38294	37847	35089	37077	4.68	cps
Bromine	81-1	59297	57348	61590	59411	3.57	cps
Cadmium	111-1	902	826	823	850	5.25	cps
Cadmium	106-1	4368	3976	4067	4137	4.95	cps
Cadmium	108-1	25	4	33	21	72.10	cps
Calcium	43-1	187	181	206	192	6.79	cps
Calcium	44-1	10112	10121	10128	10120	0.08	cps
Carbon	12-1	5905527	5817864	5678987	5800793	1.97	cps
Carbon	12-2	65581	63169	63588	64113	2.01	cps
Chlorine	35-1	426947	429406	428288	428214	0.29	cps
Chlorine	35-2	3025	2950	3159	3045	3.47	cps
Chromium	52-2	550	527	610	562	7.65	cps
Cobalt	59-2	37	100	50	62	53.66	cps
Copper	63-2	967	990	997	984	1.60	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	83	75	42	67	33.07	cps
Erbium	164-2	40	13	30	28	48.51	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	103	100	87	97	9.12	cps
Holmium	165-1	9855217	9754196	9838558	9815990	0.55	cps
Holmium	165-2	4437878	4508402	4399716	4448665	1.24	cps
Indium	115-1	8409422	8477362	8797542	8561442	2.42	cps
Indium	115-2	1410673	1409412	1413654	1411247	0.15	cps
Iron	54-2	606	617	583	602	2.82	cps
Iron	56-2	4340	4267	4206	4271	1.56	cps
Iron	57-2	183	167	183	178	5.41	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	391	386	391	1.12	cps
Lead	206-1	967	750	822	846	13.04	cps
Lead	207-1	789	794	778	787	1.08	cps
Lead	208-1	1739	2067	1700	1835	10.98	cps
Lithium	6-1	5355586	5250761	5378081	5328143	1.28	cps
Magnesium	24-2	425	367	442	411	9.58	cps
Manganese	55-2	123	120	117	120	2.78	cps
Molybdenum	94-1	675	458	617	583	19.22	cps
Molybdenum	95-1	725	867	742	778	9.95	cps
Molybdenum	96-1	858	808	883	850	4.49	cps
Molybdenum	97-1	483	258	450	397	30.57	cps
Molybdenum	98-1	1208	1083	1058	1117	7.20	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	33	23	33	30	19.25	cps
Phosphorus	31-2	133	83	92	103	26.06	cps
Potassium	39-2	18487	18529	19422	18813	2.81	cps
Rhodium	103-1	8162068	8168401	8059990	8130153	0.75	cps
Rhodium	103-2	3709300	3746948	3678617	3711622	0.92	cps
Scandium	45-1	6412389	6629310	6428712	6490137	1.86	cps
Scandium	45-2	206361	205754	205125	205747	0.30	cps
Selenium	82-1	54	45	57	52	12.32	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	68	52	75	65	18.14	cps
Silicon	28-1	701119	700628	703569	701772	0.22	cps
Silver	107-1	933	1242	975	1050	15.93	cps
Silver	109-1	983	1000	867	950	7.65	cps
Sodium	23-2	12105	12856	13273	12745	4.64	cps
Strontium	86-1	1550	1542	1367	1486	6.97	cps
Strontium	88-1	7152	5876	6202	6410	10.34	cps
Sulfur	34-1	325990	329127	325522	326880	0.60	cps
Terbium	159-1	10287618	10350030	10218007	10285219	0.64	cps
Terbium	159-2	4417630	4509621	4477029	4468094	1.04	cps
Thallium	203-1	392	458	408	419	8.27	cps
Thallium	205-1	800	758	875	811	7.29	cps
Tin	118-1	608	667	533	603	11.09	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BL	Instrumnet Name :	P8
Client Sample ID :	PB150757BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:51:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	342	392	386	10.86	cps
Uranium	238-1	300	192	267	253	21.95	cps
Vanadium	51-2	10	17	23	17	39.99	cps
Ytterbium	172-1	58	67	58	61	7.88	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	1058	1492	1275	1275	16.99	cps
Ytterbium	176-2	8197	8436	8703	8445	3.00	cps
Yttrium	89-1	13236821	13259815	13592916	13363184	1.49	cps
Yttrium	89-2	1532176	1568089	1527701	1542655	1.44	cps
Zinc	66-2	250	310	217	259	18.27	cps
Zirconium	90-1	692	508	917	706	28.99	cps
Zirconium	91-1	150	83	133	122	28.39	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	645699	640640	628807	638382	1.36	cps
Antimony	121-1	2890909	2847331	2855959	2864733	0.81	cps
Arsenic	75-2	92327	90733	89862	90974	1.37	cps
Barium	135-1	3943498	3808523	3925207	3892409	1.88	cps
Barium	137-1	6707895	6632428	6594764	6645029	0.87	cps
Beryllium	9-1	1488625	1518114	1508336	1505025	1.00	cps
Bismuth	209-1	6022965	5774416	5894205	5897195	2.11	cps
Bismuth	209-2	2964612	3086764	2990888	3014088	2.13	cps
Boron	10-1	599108	613607	630618	614445	2.57	cps
Boron	11-1	2395208	2418934	2604740	2472961	4.64	cps
Bromine	81-1	56121	57700	57327	57049	1.45	cps
Cadmium	111-1	846943	868065	857106	857372	1.23	cps
Cadmium	106-1	105149	104990	102606	104248	1.37	cps
Cadmium	108-1	71338	69964	70755	70686	0.98	cps
Calcium	43-1	1551026	1467371	1533048	1517148	2.90	cps
Calcium	44-1	22459228	22155972	22161937	22259046	0.78	cps
Carbon	12-1	6566738	6570691	6610273	6582567	0.37	cps
Carbon	12-2	74874	73534	74732	74380	0.99	cps
Chlorine	35-1	441692	439877	439579	440383	0.26	cps
Chlorine	35-2	3209	3451	3150	3270	4.87	cps
Chromium	52-2	898331	884749	863634	882238	1.98	cps
Cobalt	59-2	1713222	1681750	1592172	1662381	3.78	cps
Copper	63-2	12771845	12771931	12329306	12624361	2.02	cps
Dysprosium	156-1	192	242	217	217	11.54	cps
Dysprosium	156-2	137	130	103	123	14.30	cps
Erbium	164-1	142	183	183	169	14.20	cps
Erbium	164-2	67	70	63	67	5.00	cps
Gadolinium	160-1	217	242	275	244	11.97	cps
Gadolinium	160-2	203	197	173	191	8.24	cps
Holmium	165-1	10083430	10094916	9898663	10025670	1.10	cps
Holmium	165-2	4594517	4506038	4511358	4537304	1.09	cps
Indium	115-1	8424058	8425854	8296948	8382287	0.88	cps
Indium	115-2	1340971	1360697	1367009	1356226	1.00	cps
Iron	54-2	2293443	2209083	2122674	2208400	3.87	cps
Iron	56-2	39871619	39110076	38134813	39038836	2.23	cps
Iron	57-2	974319	941772	936978	951023	2.14	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	454	381	450	428	9.53	cps
Lead	206-1	12126839	12233251	11883911	12081334	1.48	cps
Lead	207-1	10762147	10880134	10677169	10773150	0.95	cps
Lead	208-1	25148974	24965663	25173978	25096205	0.45	cps
Lithium	6-1	5381952	5362931	5414733	5386539	0.49	cps
Magnesium	24-2	8657392	8568277	8309029	8511566	2.13	cps
Manganese	55-2	5136966	5036739	4944348	5039351	1.91	cps
Molybdenum	94-1	11808718	11915833	11853832	11859461	0.45	cps
Molybdenum	95-1	17037495	16941267	16832247	16937003	0.61	cps
Molybdenum	96-1	18813187	18610603	19101730	18841840	1.31	cps
Molybdenum	97-1	10481747	10493767	10647918	10541144	0.88	cps
Molybdenum	98-1	27920912	27054939	27544714	27506855	1.58	cps
Neodymium	150-1	387	380	420	396	5.42	cps
Neodymium	150-2	43	47	20	37	39.63	cps
Nickel	60-2	439355	431587	419297	430080	2.35	cps
Phosphorus	31-2	38494	37608	36505	37535	2.65	cps
Potassium	39-2	3106083	2995397	2944198	3015226	2.74	cps
Rhodium	103-1	8011159	7810665	7732960	7851594	1.83	cps
Rhodium	103-2	3588530	3666365	3567054	3607316	1.45	cps
Scandium	45-1	6518969	6540175	6398818	6485987	1.18	cps
Scandium	45-2	205556	208967	204056	206193	1.22	cps
Selenium	82-1	77902	78005	78103	78003	0.13	cps
Selenium	77-2	2497	2280	2290	2356	5.19	cps
Selenium	78-2	8288	8056	7879	8074	2.54	cps
Silicon	28-1	44348756	44947305	44768005	44688022	0.69	cps
Silver	107-1	4641654	4656199	4539246	4612366	1.38	cps
Silver	109-1	4318064	4314818	4445532	4359472	1.71	cps
Sodium	23-2	15807150	15536973	15616120	15653414	0.89	cps
Strontium	86-1	29655760	29313199	29400573	29456510	0.60	cps
Strontium	88-1	251542614	256301939	252865797	253570117	0.97	cps
Sulfur	34-1	857596	850363	837715	848558	1.19	cps
Terbium	159-1	10314454	10397646	10178461	10296854	1.07	cps
Terbium	159-2	4496044	4443726	4466792	4468854	0.59	cps
Thallium	203-1	2965968	2924561	2858977	2916502	1.85	cps
Thallium	205-1	6876785	6801126	6923821	6867244	0.90	cps
Tin	118-1	2821108	2835055	2821160	2825775	0.28	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	PB150757BS	Instrumnet Name :	P8
Client Sample ID :	PB150757BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 11:55:01	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5815351	5650232	5650040	5705208	1.67	cps
Uranium	238-1	9134313	9137661	9088836	9120270	0.30	cps
Vanadium	51-2	741181	723907	709577	724888	2.18	cps
Ytterbium	172-1	175	100	175	150	28.87	cps
Ytterbium	172-2	67	100	78	81	20.83	cps
Ytterbium	176-1	14750	13482	13541	13924	5.14	cps
Ytterbium	176-2	14091	13830	13997	13972	0.95	cps
Yttrium	89-1	13700858	13480435	13270801	13484031	1.59	cps
Yttrium	89-2	1519838	1561146	1558706	1546563	1.50	cps
Zinc	66-2	1613189	1565728	1577563	1585493	1.56	cps
Zirconium	90-1	6217165	6172187	6089024	6159459	1.06	cps
Zirconium	91-1	1384739	1393096	1382006	1386614	0.42	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1446	1397	1460	1434	2.29	cps
Antimony	121-1	48044	38931	34402	40459	17.17	cps
Arsenic	75-2	7106	8438	9347	8297	13.59	cps
Barium	135-1	2409	2334	2342	2361	1.74	cps
Barium	137-1	4484	4468	4351	4434	1.64	cps
Beryllium	9-1	144	139	135	139	3.15	cps
Bismuth	209-1	8637487	8207779	8310036	8385101	2.68	cps
Bismuth	209-2	4596617	4151652	4434628	4394299	5.12	cps
Boron	10-1	3132756	3341822	3237905	3237494	3.23	cps
Boron	11-1	13493089	14128282	14090836	13904069	2.56	cps
Bromine	81-1	87656	89923	85823	87801	2.34	cps
Cadmium	111-1	1199	1200	1329	1242	6.03	cps
Cadmium	106-1	5410	5510	5876	5599	4.39	cps
Cadmium	108-1	208	229	221	219	4.78	cps
Calcium	43-1	405417	413357	412291	410355	1.05	cps
Calcium	44-1	6969607	7137749	7110306	7072554	1.28	cps
Carbon	12-1	0	0	0	0		cps
Carbon	12-2	65917483	65664424	66361243	65981050	0.53	cps
Chlorine	35-1	469879	485982	493762	483207	2.52	cps
Chlorine	35-2	3876	3742	3717	3778	2.25	cps
Chromium	52-2	3881	3754	3964	3866	2.74	cps
Cobalt	59-2	567	503	447	506	11.87	cps
Copper	63-2	22014	22191	22051	22085	0.42	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	100	125	67	97	30.10	cps
Erbium	164-2	23	53	53	43	39.97	cps
Gadolinium	160-1	83	67	117	89	28.64	cps
Gadolinium	160-2	150	120	143	138	11.43	cps
Holmium	165-1	12600259	12048870	12146563	12265231	2.40	cps
Holmium	165-2	5805128	5275768	5664688	5581862	4.91	cps
Indium	115-1	11018832	10658732	10874333	10850632	1.67	cps
Indium	115-2	1801632	1732714	1838524	1790957	3.00	cps
Iron	54-2	11672	11911	11516	11699	1.70	cps
Iron	56-2	199453	201941	200469	200621	0.62	cps
Iron	57-2	5523	5868	5851	5748	3.38	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	355	316	342	6.64	cps
Lead	206-1	5940	5957	5868	5922	0.80	cps
Lead	207-1	5262	5134	5223	5207	1.26	cps
Lead	208-1	12156	11778	12340	12091	2.37	cps
Lithium	6-1	7238647	7175421	6967023	7127030	1.99	cps
Magnesium	24-2	2727102	2807757	2708351	2747737	1.92	cps
Manganese	55-2	6538	6205	6031	6258	4.12	cps
Molybdenum	94-1	6068	5951	6302	6107	2.92	cps
Molybdenum	95-1	9220	9453	9312	9328	1.26	cps
Molybdenum	96-1	10371	10404	9879	10218	2.88	cps
Molybdenum	97-1	5951	5410	5385	5582	5.74	cps
Molybdenum	98-1	14850	14216	14074	14380	2.87	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1193	1180	1087	1153	5.04	cps
Phosphorus	31-2	21024	21658	20624	21102	2.47	cps
Potassium	39-2	55156	56177	55055	55463	1.12	cps
Rhodium	103-1	10213355	10265045	10394097	10290832	0.90	cps
Rhodium	103-2	4967453	4503524	4822810	4764596	4.98	cps
Scandium	45-1	8104821	7873880	7950327	7976342	1.47	cps
Scandium	45-2	260708	241821	259828	254119	4.19	cps
Selenium	82-1	3206	3926	4422	3851	15.87	cps
Selenium	77-2	183	190	163	179	7.76	cps
Selenium	78-2	617	665	675	652	4.75	cps
Silicon	28-1	45974773	47851717	49019428	47615306	3.23	cps
Silver	107-1	633	267	358	419	45.49	cps
Silver	109-1	350	333	250	311	17.22	cps
Sodium	23-2	1469711	1466554	1456837	1464367	0.46	cps
Strontium	86-1	14324	13807	14817	14316	3.53	cps
Strontium	88-1	120975	116821	120311	119369	1.87	cps
Sulfur	34-1	1027236	866383	1029169	974263	9.59	cps
Terbium	159-1	13319403	12944623	12937515	13067180	1.67	cps
Terbium	159-2	5791674	5314529	5762422	5622875	4.76	cps
Thallium	203-1	483	458	383	442	11.78	cps
Thallium	205-1	1083	1025	1033	1047	3.01	cps
Tin	118-1	6352	6860	7536	6916	8.59	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DLX5	Instrumnet Name :	P8
Client Sample ID :	31956DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:09:52	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4484	4217	4359	4354	3.07	cps
Uranium	238-1	2784	2909	2767	2820	2.75	cps
Vanadium	51-2	920	920	927	922	0.42	cps
Ytterbium	172-1	67	75	50	64	19.92	cps
Ytterbium	172-2	28	67	56	50	40.06	cps
Ytterbium	176-1	1708	1900	1692	1767	6.55	cps
Ytterbium	176-2	11060	10043	11450	10851	6.69	cps
Yttrium	89-1	16761351	16056004	16767536	16528297	2.47	cps
Yttrium	89-2	1989359	1838716	1928961	1919012	3.95	cps
Zinc	66-2	643885	633299	643726	640303	0.95	cps
Zirconium	90-1	1525	1859	3334	2239	42.99	cps
Zirconium	91-1	467	308	725	500	42.06	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4741920	4716636	4681992	4713516	0.64	cps
Antimony	121-1	392	600	592	528	22.35	cps
Arsenic	75-2	3158	3063	3138	3119	1.61	cps
Barium	135-1	510256	498357	506136	504916	1.20	cps
Barium	137-1	888367	886638	901481	892162	0.91	cps
Beryllium	9-1	25469	25464	25625	25519	0.36	cps
Bismuth	209-1	6170644	6410300	6192475	6257806	2.12	cps
Bismuth	209-2	3398913	3125654	3376127	3300232	4.59	cps
Boron	10-1	56729	59066	55656	57151	3.05	cps
Boron	11-1	240857	244164	232543	239188	2.50	cps
Bromine	81-1	60865	63470	60715	61683	2.51	cps
Cadmium	111-1	2522	2311	2617	2483	6.31	cps
Cadmium	106-1	8128	7836	8586	8183	4.62	cps
Cadmium	108-1	642	729	763	711	8.78	cps
Calcium	43-1	1361353	1336156	1345659	1347722	0.94	cps
Calcium	44-1	21451422	21604939	21454749	21503703	0.41	cps
Carbon	12-1	181800637	173909887	165207287	173639271	4.78	cps
Carbon	12-2	1459087	1395174	1319223	1391161	5.03	cps
Chlorine	35-1	439532	452212	453080	448275	1.69	cps
Chlorine	35-2	3334	3242	3284	3287	1.40	cps
Chromium	52-2	318658	321116	311141	316972	1.64	cps
Cobalt	59-2	346107	345031	333427	341522	2.06	cps
Copper	63-2	580939	577485	562849	573758	1.67	cps
Dysprosium	156-1	560109	564299	556883	560430	0.66	cps
Dysprosium	156-2	213323	213704	208462	211830	1.38	cps
Erbium	164-1	396327	394068	396436	395610	0.34	cps
Erbium	164-2	168608	161023	159804	163145	2.92	cps
Gadolinium	160-1	431893	429584	432250	431242	0.34	cps
Gadolinium	160-2	205046	205501	195722	202090	2.73	cps
Holmium	165-1	11275381	10947051	11526404	11249612	2.58	cps
Holmium	165-2	5177241	4695686	4939899	4937609	4.88	cps
Indium	115-1	9444886	9426456	9393467	9421603	0.28	cps
Indium	115-2	1549964	1407142	1481289	1479465	4.83	cps
Iron	54-2	12861657	12754118	12453174	12689650	1.67	cps
Iron	56-2	231751989	227508066	226276627	228512227	1.26	cps
Iron	57-2	5799214	5765583	5656983	5740593	1.29	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1176	1172	1156	2.72	cps
Lead	206-1	154186	147736	148219	150047	2.39	cps
Lead	207-1	86991	85056	84251	85433	1.65	cps
Lead	208-1	246262	253103	255413	251593	1.89	cps
Lithium	6-1	5951117	5676238	5708321	5778558	2.60	cps
Magnesium	24-2	8579649	8361067	8424112	8454943	1.33	cps
Manganese	55-2	1102069	1108164	1100217	1103483	0.38	cps
Molybdenum	94-1	180461	181265	178183	179969	0.89	cps
Molybdenum	95-1	32338	31712	32447	32166	1.23	cps
Molybdenum	96-1	76647	73219	71125	73663	3.78	cps
Molybdenum	97-1	20624	21133	20307	20688	2.01	cps
Molybdenum	98-1	52257	51597	51563	51806	0.76	cps
Neodymium	150-1	938003	937020	923288	932770	0.88	cps
Neodymium	150-2	296378	298205	289717	294767	1.52	cps
Nickel	60-2	118439	117072	114157	116556	1.88	cps
Phosphorus	31-2	35578	36121	34909	35536	1.71	cps
Potassium	39-2	2895638	2950058	2833185	2892960	2.02	cps
Rhodium	103-1	8512359	8790626	8602730	8635238	1.64	cps
Rhodium	103-2	3890821	3612596	3849829	3784416	3.97	cps
Scandium	45-1	7468852	7816534	7589354	7624913	2.32	cps
Scandium	45-2	238779	219711	233077	230522	4.25	cps
Selenium	82-1	1748	1640	1621	1670	4.08	cps
Selenium	77-2	1177	1057	1193	1142	6.53	cps
Selenium	78-2	1013	976	1043	1011	3.32	cps
Silicon	28-1	12780791	12701711	12493823	12658775	1.17	cps
Silver	107-1	1575	1875	1733	1728	8.69	cps
Silver	109-1	1250	1442	1433	1375	7.88	cps
Sodium	23-2	686116	673639	668723	676159	1.33	cps
Strontium	86-1	276105	279458	275077	276880	0.83	cps
Strontium	88-1	2391607	2429030	2385182	2401939	0.99	cps
Sulfur	34-1	1070290	1054512	1049553	1058118	1.02	cps
Terbium	159-1	11779086	11676039	11328113	11594413	2.04	cps
Terbium	159-2	5026256	4586229	4748130	4786872	4.65	cps
Thallium	203-1	12648	11931	11931	12170	3.40	cps
Thallium	205-1	29376	28866	28123	28788	2.19	cps
Tin	118-1	15342	14783	14283	14803	3.58	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02	Instrumnet Name :	P8
Client Sample ID :	1574-1577	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:13:54	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3452252	3418582	3410209	3427015	0.65	cps
Uranium	238-1	448438	450209	451326	449991	0.32	cps
Vanadium	51-2	691382	689382	666276	682347	2.04	cps
Ytterbium	172-1	119354	121432	118480	119755	1.27	cps
Ytterbium	172-2	58530	57419	56438	57462	1.82	cps
Ytterbium	176-1	76179	76020	75576	75925	0.41	cps
Ytterbium	176-2	46873	44904	44826	45534	2.55	cps
Yttrium	89-1	21671246	22696668	21785850	22051255	2.55	cps
Yttrium	89-2	2520542	2325247	2401438	2415743	4.07	cps
Zinc	66-2	85906	83967	83317	84396	1.60	cps
Zirconium	90-1	447947	443989	436507	442814	1.31	cps
Zirconium	91-1	101738	98709	98734	99727	1.75	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8464817	8314902	8143482	8307734	1.94	cps
Antimony	121-1	275	258	392	308	23.56	cps
Arsenic	75-2	2557	2506	2607	2556	1.96	cps
Barium	135-1	1512444	1452939	1457704	1474362	2.24	cps
Barium	137-1	2534533	2511039	2501925	2515832	0.67	cps
Beryllium	9-1	13174	12944	12649	12922	2.04	cps
Bismuth	209-1	5800586	5785478	5604319	5730128	1.91	cps
Bismuth	209-2	2962444	2886733	2934809	2927995	1.31	cps
Boron	10-1	94080	96576	94531	95063	1.40	cps
Boron	11-1	411143	404317	408979	408146	0.85	cps
Bromine	81-1	61690	64125	59769	61862	3.53	cps
Cadmium	111-1	1658	1347	1749	1585	13.29	cps
Cadmium	106-1	11238	10204	11255	10899	5.52	cps
Cadmium	108-1	2259	2259	2146	2221	2.92	cps
Calcium	43-1	37061091	36094546	36577287	36577641	1.32	cps
Calcium	44-1	600007960	598793952	586822268	595208060	1.22	cps
Carbon	12-1	88161083	84216731	79221673	83866496	5.34	cps
Carbon	12-2	833610	810798	781481	808630	3.23	cps
Chlorine	35-1	391357	388658	393175	391063	0.58	cps
Chlorine	35-2	2784	2792	2817	2798	0.62	cps
Chromium	52-2	243047	240851	236024	239974	1.50	cps
Cobalt	59-2	144752	141584	138598	141645	2.17	cps
Copper	63-2	255565	248842	244544	249650	2.23	cps
Dysprosium	156-1	112859	108648	112447	111318	2.09	cps
Dysprosium	156-2	43859	42655	41949	42821	2.25	cps
Erbium	164-1	95745	95316	95283	95448	0.27	cps
Erbium	164-2	39873	38767	36226	38289	4.88	cps
Gadolinium	160-1	93839	94805	94862	94502	0.61	cps
Gadolinium	160-2	43922	42986	42966	43291	1.26	cps
Holmium	165-1	10704331	10838832	10759517	10767560	0.63	cps
Holmium	165-2	4822937	4629355	4717723	4723338	2.05	cps
Indium	115-1	8932187	8913561	8902533	8916093	0.17	cps
Indium	115-2	1435780	1394194	1414336	1414770	1.47	cps
Iron	54-2	8268351	8221849	8002400	8164200	1.74	cps
Iron	56-2	152682448	151004809	145653620	149780292	2.45	cps
Iron	57-2	3895684	3866213	3782939	3848279	1.52	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	791	759	769	2.49	cps
Lead	206-1	233555	229394	227899	230283	1.27	cps
Lead	207-1	190870	192527	192683	192027	0.52	cps
Lead	208-1	448213	449184	446197	447865	0.34	cps
Lithium	6-1	5549492	5570734	5355367	5491865	2.16	cps
Magnesium	24-2	11038441	10881650	10736883	10885658	1.39	cps
Manganese	55-2	3304026	3271733	3178284	3251348	2.01	cps
Molybdenum	94-1	604195	596594	599692	600160	0.64	cps
Molybdenum	95-1	4793	4443	4618	4618	3.79	cps
Molybdenum	96-1	114641	109195	109085	110974	2.86	cps
Molybdenum	97-1	2700	2542	2809	2684	5.00	cps
Molybdenum	98-1	6552	6794	6026	6457	6.07	cps
Neodymium	150-1	166045	162203	166230	164826	1.38	cps
Neodymium	150-2	52673	50876	50639	51396	2.16	cps
Nickel	60-2	82434	81241	79679	81118	1.70	cps
Phosphorus	31-2	21750	21358	21057	21388	1.62	cps
Potassium	39-2	3075091	3018031	2962333	3018485	1.87	cps
Rhodium	103-1	8035412	7785744	7606063	7809073	2.76	cps
Rhodium	103-2	3549079	3432265	3429500	3470281	1.97	cps
Scandium	45-1	7571039	7472599	7302667	7448768	1.82	cps
Scandium	45-2	237455	226509	234455	232806	2.43	cps
Selenium	82-1	1314	1209	1216	1246	4.70	cps
Selenium	77-2	270	237	230	246	8.73	cps
Selenium	78-2	278	266	283	276	3.17	cps
Silicon	28-1	10452623	10436356	10006109	10298362	2.46	cps
Silver	107-1	2575	2409	2509	2498	3.36	cps
Silver	109-1	1083	700	700	828	26.74	cps
Sodium	23-2	11416174	11471367	11451194	11446245	0.24	cps
Strontium	86-1	32046854	31450020	30418966	31305280	2.63	cps
Strontium	88-1	282896481	270067864	271784231	274916192	2.53	cps
Sulfur	34-1	1039574	1047735	1046493	1044601	0.42	cps
Terbium	159-1	10998792	11007549	11241005	11082449	1.24	cps
Terbium	159-2	4744152	4610518	4628401	4661024	1.56	cps
Thallium	203-1	4676	4568	4468	4570	2.28	cps
Thallium	205-1	11581	11147	11122	11283	2.29	cps
Tin	118-1	18930	18847	18889	18889	0.22	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03	Instrumnet Name :	P8
Client Sample ID :	348	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:16:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4128883	3985486	3941436	4018602	2.44	cps
Uranium	238-1	91791	92806	92747	92448	0.62	cps
Vanadium	51-2	197194	192396	189431	193007	2.03	cps
Ytterbium	172-1	36125	35799	34705	35543	2.09	cps
Ytterbium	172-2	16817	16143	16088	16349	2.48	cps
Ytterbium	176-1	27170	27964	27813	27649	1.52	cps
Ytterbium	176-2	21356	20622	20533	20837	2.17	cps
Yttrium	89-1	16258451	15987339	15881535	16042442	1.21	cps
Yttrium	89-2	1849236	1760623	1808446	1806102	2.46	cps
Zinc	66-2	53099	52350	51340	52263	1.69	cps
Zirconium	90-1	1650455	1654987	1623169	1642870	1.05	cps
Zirconium	91-1	370873	363312	360782	364989	1.44	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860426	853241	843556	852408	0.99	cps
Antimony	121-1	75	200	200	158	45.58	cps
Arsenic	75-2	576	584	580	580	0.69	cps
Barium	135-1	89839	89379	91165	90128	1.03	cps
Barium	137-1	158002	157616	159341	158320	0.57	cps
Beryllium	9-1	4918	4915	4673	4835	2.91	cps
Bismuth	209-1	6149555	6347738	6156494	6217929	1.81	cps
Bismuth	209-2	3304102	3346954	3288648	3313235	0.91	cps
Boron	10-1	24059	23194	22066	23106	4.32	cps
Boron	11-1	102054	99627	95113	98931	3.56	cps
Bromine	81-1	63871	61207	62735	62604	2.14	cps
Cadmium	111-1	1176	1165	1186	1176	0.90	cps
Cadmium	106-1	5418	5343	5493	5418	1.39	cps
Cadmium	108-1	238	279	292	269	10.52	cps
Calcium	43-1	248430	246626	248351	247802	0.41	cps
Calcium	44-1	3992627	4058583	4033580	4028264	0.83	cps
Carbon	12-1	50860681	48762902	47315056	48979547	3.64	cps
Carbon	12-2	495803	486920	481548	488090	1.47	cps
Chlorine	35-1	389398	391977	392477	391284	0.42	cps
Chlorine	35-2	2459	2625	2834	2639	7.12	cps
Chromium	52-2	59376	58486	55969	57944	3.05	cps
Cobalt	59-2	63652	62620	61151	62474	2.01	cps
Copper	63-2	108922	105009	102920	105617	2.88	cps
Dysprosium	156-1	102485	102192	100570	101749	1.01	cps
Dysprosium	156-2	38726	38037	38031	38265	1.04	cps
Erbium	164-1	70355	72959	68913	70742	2.90	cps
Erbium	164-2	29329	29353	28711	29131	1.25	cps
Gadolinium	160-1	76579	79671	74751	77001	3.23	cps
Gadolinium	160-2	36420	35654	34662	35579	2.48	cps
Holmium	165-1	9926537	10179133	10025278	10043650	1.27	cps
Holmium	165-2	4688704	4611751	4902716	4734390	3.18	cps
Indium	115-1	8914213	8838960	9051282	8934818	1.20	cps
Indium	115-2	1507987	1476713	1444083	1476261	2.16	cps
Iron	54-2	2416478	2364261	2332502	2371080	1.79	cps
Iron	56-2	43065437	42794993	42323752	42728061	0.88	cps
Iron	57-2	1061546	1017864	1032503	1037304	2.14	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	576	600	571	582	2.64	cps
Lead	206-1	28883	28326	27491	28233	2.48	cps
Lead	207-1	16333	16327	15565	16075	2.75	cps
Lead	208-1	45268	47064	46200	46177	1.94	cps
Lithium	6-1	5359040	5323890	5281363	5321431	0.73	cps
Magnesium	24-2	1551269	1579716	1541742	1557576	1.27	cps
Manganese	55-2	207891	203868	203368	205042	1.21	cps
Molybdenum	94-1	33174	33817	33282	33424	1.03	cps
Molybdenum	95-1	5326	6035	5660	5674	6.25	cps
Molybdenum	96-1	13682	13565	13857	13702	1.07	cps
Molybdenum	97-1	3859	3676	3551	3695	4.20	cps
Molybdenum	98-1	9895	9620	8878	9465	5.56	cps
Neodymium	150-1	165407	171424	165645	167492	2.03	cps
Neodymium	150-2	55026	53095	51676	53266	3.16	cps
Nickel	60-2	22408	21767	21026	21733	3.18	cps
Phosphorus	31-2	6602	6343	6210	6385	3.12	cps
Potassium	39-2	534860	521905	512895	523220	2.11	cps
Rhodium	103-1	8293551	8419352	8301048	8337984	0.85	cps
Rhodium	103-2	3908586	3834830	3741942	3828453	2.18	cps
Scandium	45-1	6841655	7042365	6917148	6933723	1.46	cps
Scandium	45-2	218155	216144	217691	217330	0.48	cps
Selenium	82-1	457	444	395	432	7.60	cps
Selenium	77-2	203	193	263	220	17.21	cps
Selenium	78-2	269	265	263	266	1.15	cps
Silicon	28-1	2987434	2973363	2947340	2969379	0.69	cps
Silver	107-1	633	758	775	722	10.72	cps
Silver	109-1	550	708	525	594	16.73	cps
Sodium	23-2	133115	129413	129817	130782	1.55	cps
Strontium	86-1	53888	60181	58147	57406	5.59	cps
Strontium	88-1	480189	516610	526925	507908	4.83	cps
Sulfur	34-1	508059	506817	501621	505499	0.68	cps
Terbium	159-1	10519224	10761293	10551754	10610757	1.24	cps
Terbium	159-2	4656559	4623292	4535808	4605219	1.35	cps
Thallium	203-1	2342	2217	2275	2278	2.75	cps
Thallium	205-1	5018	5685	5468	5390	6.31	cps
Tin	118-1	3351	3267	3434	3351	2.49	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:19:56	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	628611	630355	620134	626367	0.87	cps
Uranium	238-1	79717	79282	79323	79441	0.30	cps
Vanadium	51-2	124715	121629	118382	121575	2.60	cps
Ytterbium	172-1	21284	21368	21243	21298	0.30	cps
Ytterbium	172-2	10538	9909	10143	10197	3.11	cps
Ytterbium	176-1	14191	14892	14667	14583	2.45	cps
Ytterbium	176-2	15926	15687	15815	15810	0.76	cps
Yttrium	89-1	15284130	15302024	15609731	15398628	1.19	cps
Yttrium	89-2	1787202	1768288	1710256	1755249	2.28	cps
Zinc	66-2	16406	16536	15675	16206	2.86	cps
Zirconium	90-1	81354	81388	82621	81788	0.88	cps
Zirconium	91-1	19147	18563	18730	18813	1.60	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1681548	1628862	1602719	1637710	2.45	cps
Antimony	121-1	117	117	133	122	7.87	cps
Arsenic	75-2	541	540	555	545	1.54	cps
Barium	135-1	278563	282731	275349	278881	1.33	cps
Barium	137-1	481337	481445	479652	480811	0.21	cps
Beryllium	9-1	2852	2717	2734	2768	2.66	cps
Bismuth	209-1	6044464	5946604	5993863	5994977	0.82	cps
Bismuth	209-2	3206984	3220176	3203199	3210120	0.28	cps
Boron	10-1	28282	27460	28596	28113	2.09	cps
Boron	11-1	121560	118647	119059	119755	1.32	cps
Bromine	81-1	63379	65330	63962	64224	1.56	cps
Cadmium	111-1	1049	856	1041	982	11.13	cps
Cadmium	106-1	6101	5159	5801	5687	8.46	cps
Cadmium	108-1	583	567	492	547	8.92	cps
Calcium	43-1	7184306	7180674	7150199	7171726	0.26	cps
Calcium	44-1	117114488	116697835	112994376	115602233	1.96	cps
Carbon	12-1	33247026	31937523	31898591	32361047	2.37	cps
Carbon	12-2	337870	331721	331712	333768	1.06	cps
Chlorine	35-1	374092	372349	378193	374878	0.80	cps
Chlorine	35-2	2625	3000	2517	2714	9.35	cps
Chromium	52-2	48612	47311	46857	47593	1.91	cps
Cobalt	59-2	29304	29524	28425	29084	2.00	cps
Copper	63-2	55060	54785	53986	54610	1.02	cps
Dysprosium	156-1	21276	21384	21643	21434	0.88	cps
Dysprosium	156-2	8256	8293	8012	8187	1.86	cps
Erbium	164-1	18497	18213	18672	18461	1.25	cps
Erbium	164-2	7552	7519	7232	7434	2.37	cps
Gadolinium	160-1	17996	18029	18071	18032	0.21	cps
Gadolinium	160-2	8920	8576	8346	8614	3.35	cps
Holmium	165-1	10362218	10446109	10362200	10390176	0.47	cps
Holmium	165-2	4765065	4686432	4785477	4745658	1.10	cps
Indium	115-1	9125103	9002121	8758611	8961945	2.08	cps
Indium	115-2	1479421	1490995	1479251	1483222	0.45	cps
Iron	54-2	1680159	1661155	1646619	1662644	1.01	cps
Iron	56-2	29851565	29669197	29363444	29628069	0.83	cps
Iron	57-2	751923	743130	727104	740719	1.70	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	524	475	540	513	6.60	cps
Lead	206-1	46512	46762	45157	46144	1.87	cps
Lead	207-1	39087	39527	38803	39139	0.93	cps
Lead	208-1	87992	88703	88224	88306	0.41	cps
Lithium	6-1	5398937	5348095	5383371	5376801	0.48	cps
Magnesium	24-2	2190546	2239019	2174267	2201277	1.53	cps
Manganese	55-2	634064	624520	609146	622577	2.02	cps
Molybdenum	94-1	115839	114603	112556	114333	1.45	cps
Molybdenum	95-1	833	1025	983	947	10.64	cps
Molybdenum	96-1	21225	21350	20941	21172	0.99	cps
Molybdenum	97-1	567	550	575	564	2.26	cps
Molybdenum	98-1	1458	1383	1317	1386	5.11	cps
Neodymium	150-1	31972	31464	30782	31406	1.90	cps
Neodymium	150-2	10101	9857	9717	9892	1.96	cps
Nickel	60-2	17224	17561	16750	17178	2.37	cps
Phosphorus	31-2	4209	4092	3734	4012	6.17	cps
Potassium	39-2	590036	582520	560056	577537	2.70	cps
Rhodium	103-1	8354843	8128470	8248126	8243813	1.37	cps
Rhodium	103-2	3744043	3740752	3701423	3728739	0.64	cps
Scandium	45-1	7034618	6872672	7013005	6973432	1.26	cps
Scandium	45-2	220841	223453	219694	221329	0.87	cps
Selenium	82-1	341	329	289	320	8.58	cps
Selenium	77-2	43	30	63	46	36.83	cps
Selenium	78-2	103	124	126	118	10.83	cps
Silicon	28-1	2644005	2599178	2606358	2616514	0.92	cps
Silver	107-1	958	825	783	856	10.69	cps
Silver	109-1	408	442	367	406	9.27	cps
Sodium	23-2	2317673	2260304	2255811	2277929	1.51	cps
Strontium	86-1	6181894	6031042	6136849	6116595	1.27	cps
Strontium	88-1	53640212	53675547	52364888	53226882	1.40	cps
Sulfur	34-1	526323	527819	527930	527357	0.17	cps
Terbium	159-1	10860024	10960786	10760730	10860514	0.92	cps
Terbium	159-2	4804518	4724918	4790467	4773301	0.89	cps
Thallium	203-1	1058	1033	833	975	12.65	cps
Thallium	205-1	2417	2484	2275	2392	4.45	cps
Tin	118-1	3784	4293	4151	4076	6.44	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-03DLX5	Instrumnet Name :	P8
Client Sample ID :	348DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:23:03	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	781629	794003	784065	786566	0.83	cps
Uranium	238-1	18472	16686	16853	17337	5.69	cps
Vanadium	51-2	38960	38061	36861	37960	2.77	cps
Ytterbium	172-1	6702	6869	6443	6671	3.21	cps
Ytterbium	172-2	3445	3078	3050	3191	6.90	cps
Ytterbium	176-1	6477	6327	6193	6332	2.24	cps
Ytterbium	176-2	11261	11227	11539	11342	1.51	cps
Yttrium	89-1	14525922	14636101	14560330	14574118	0.39	cps
Yttrium	89-2	1725472	1731107	1700275	1718951	0.96	cps
Zinc	66-2	13323	12476	12295	12698	4.32	cps
Zirconium	90-1	314767	310090	314354	313070	0.83	cps
Zirconium	91-1	68243	70479	69114	69279	1.63	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3369689	3230614	3219007	3273103	2.56	cps
Antimony	121-1	3126158	3091103	3108587	3108616	0.56	cps
Arsenic	75-2	93642	91383	89913	91646	2.05	cps
Barium	135-1	4183539	4118868	3955892	4086099	2.87	cps
Barium	137-1	6908545	7072057	6999424	6993342	1.17	cps
Beryllium	9-1	1438580	1461984	1464454	1455006	0.98	cps
Bismuth	209-1	5480426	5604085	5356181	5480231	2.26	cps
Bismuth	209-2	2905301	2958187	2924894	2929460	0.91	cps
Boron	10-1	599183	620934	631833	617317	2.69	cps
Boron	11-1	2327391	2378646	2416708	2374249	1.89	cps
Bromine	81-1	61649	61196	60150	60999	1.26	cps
Cadmium	111-1	868354	861931	855908	862064	0.72	cps
Cadmium	106-1	107535	106502	107720	107253	0.61	cps
Cadmium	108-1	72682	73281	72842	72935	0.43	cps
Calcium	43-1	6394830	6795448	6556354	6582210	3.06	cps
Calcium	44-1	100243212	105981617	103243780	103156203	2.78	cps
Carbon	12-1	23660070	24195297	24087364	23980911	1.18	cps
Carbon	12-2	257482	247786	244741	250003	2.66	cps
Chlorine	35-1	416470	420239	411402	416037	1.07	cps
Chlorine	35-2	2984	2567	2642	2731	8.13	cps
Chromium	52-2	963771	940475	928653	944300	1.89	cps
Cobalt	59-2	1707962	1706129	1687291	1700461	0.67	cps
Copper	63-2	14070356	13465720	13595551	13710542	2.32	cps
Dysprosium	156-1	1033	1067	1092	1064	2.75	cps
Dysprosium	156-2	390	413	397	400	3.00	cps
Erbium	164-1	250	267	392	303	25.57	cps
Erbium	164-2	77	67	60	68	12.38	cps
Gadolinium	160-1	708	900	1017	875	17.79	cps
Gadolinium	160-2	403	477	430	437	8.50	cps
Holmium	165-1	10154498	10018188	10086108	10086264	0.68	cps
Holmium	165-2	4644446	4631700	4622391	4632846	0.24	cps
Indium	115-1	8212833	8335409	8315652	8287965	0.79	cps
Indium	115-2	1383228	1365196	1370158	1372861	0.68	cps
Iron	54-2	10932466	10540152	10573320	10681979	2.04	cps
Iron	56-2	202255532	191695949	192264910	195405464	3.04	cps
Iron	57-2	5153369	5008699	4862079	5008049	2.91	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	472	464	462	466	1.17	cps
Lead	206-1	11946585	12358660	12169205	12158150	1.70	cps
Lead	207-1	10518726	10890154	10658719	10689200	1.75	cps
Lead	208-1	24553028	25344638	24711822	24869829	1.68	cps
Lithium	6-1	5126687	5314499	5253213	5231466	1.83	cps
Magnesium	24-2	43743248	42593157	42259656	42865354	1.82	cps
Manganese	55-2	5460336	5216087	5267622	5314681	2.42	cps
Molybdenum	94-1	12480803	12843792	12761400	12695332	1.50	cps
Molybdenum	95-1	18147420	18100489	18036434	18094781	0.31	cps
Molybdenum	96-1	19559743	19351035	20145058	19685279	2.09	cps
Molybdenum	97-1	11009200	10898968	11256889	11055019	1.66	cps
Molybdenum	98-1	28598129	28372107	29359473	28776569	1.80	cps
Neodymium	150-1	767	833	947	849	10.72	cps
Neodymium	150-2	73	80	70	74	6.84	cps
Nickel	60-2	461714	455014	445765	454164	1.76	cps
Phosphorus	31-2	39396	37942	37257	38198	2.86	cps
Potassium	39-2	16075874	15278309	15217686	15523956	3.09	cps
Rhodium	103-1	7567450	7485226	7830245	7627641	2.36	cps
Rhodium	103-2	3467376	3476495	3390923	3444931	1.36	cps
Scandium	45-1	6448584	6669154	6703188	6606976	2.09	cps
Scandium	45-2	219804	212513	212870	215062	1.91	cps
Selenium	82-1	78724	77698	78963	78462	0.86	cps
Selenium	77-2	2510	2370	2167	2349	7.35	cps
Selenium	78-2	8480	8176	8048	8235	2.70	cps
Silicon	28-1	45959720	46438707	45175456	45857961	1.39	cps
Silver	107-1	4725610	4572296	4684280	4660729	1.70	cps
Silver	109-1	4337163	4350720	4359669	4349184	0.26	cps
Sodium	23-2	80141952	77756281	77670168	78522800	1.79	cps
Strontium	86-1	30640493	31185200	31116603	30980765	0.96	cps
Strontium	88-1	269124231	268332864	271501606	269652900	0.61	cps
Sulfur	34-1	878319	871965	868970	873084	0.55	cps
Terbium	159-1	10450683	10364065	10322559	10379102	0.63	cps
Terbium	159-2	4530060	4493216	4539330	4520869	0.54	cps
Thallium	203-1	2846388	2964909	2959731	2923676	2.29	cps
Thallium	205-1	6780683	6918495	6936447	6878541	1.24	cps
Tin	118-1	2905265	2934157	2857637	2899020	1.33	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:26:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6037416	6086210	5860872	5994833	1.98	cps
Uranium	238-1	8979082	9405229	9166471	9183594	2.33	cps
Vanadium	51-2	793011	768757	759333	773701	2.25	cps
Ytterbium	172-1	475	475	425	458	6.30	cps
Ytterbium	172-2	161	111	183	152	24.36	cps
Ytterbium	176-1	14099	14842	14575	14506	2.59	cps
Ytterbium	176-2	14325	14625	14964	14638	2.19	cps
Yttrium	89-1	13907153	13846940	14154845	13969646	1.17	cps
Yttrium	89-2	1562829	1625844	1634488	1607720	2.43	cps
Zinc	66-2	1685016	1614889	1606217	1635374	2.64	cps
Zirconium	90-1	6759061	6731757	6772903	6754573	0.31	cps
Zirconium	91-1	1489126	1537183	1498155	1508154	1.69	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119	75	104	99	22.42	cps
Antimony	121-1	483	483	692	553	21.76	cps
Arsenic	75-2	8	9	5	7	28.39	cps
Barium	135-1	158	0	50	69	116.55	cps
Barium	137-1	183	142	67	131	45.28	cps
Beryllium	9-1	151	136	136	141	6.13	cps
Bismuth	209-1	5800743	6008756	6306850	6038783	4.21	cps
Bismuth	209-2	3361166	3295921	3303510	3320199	1.07	cps
Boron	10-1	12857	12589	12389	12612	1.86	cps
Boron	11-1	52957	52987	51861	52601	1.22	cps
Bromine	81-1	63288	60815	62544	62216	2.04	cps
Cadmium	111-1	782	764	732	759	3.33	cps
Cadmium	106-1	4259	4284	4076	4206	2.70	cps
Cadmium	108-1	171	163	154	163	5.13	cps
Calcium	43-1	290	254	204	249	17.38	cps
Calcium	44-1	12665	12196	11962	12274	2.92	cps
Carbon	12-1	12666406	12383178	12239218	12429601	1.75	cps
Carbon	12-2	134973	129232	130462	131556	2.30	cps
Chlorine	35-1	356955	355615	351295	354622	0.83	cps
Chlorine	35-2	2625	2642	2767	2678	2.89	cps
Chromium	52-2	573	717	713	668	12.25	cps
Cobalt	59-2	43	73	50	56	28.35	cps
Copper	63-2	907	850	843	867	4.02	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	83	83	75	19.25	cps
Erbium	164-2	30	33	23	29	17.63	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	110	147	157	138	17.83	cps
Holmium	165-1	9617615	9851129	10058777	9842507	2.24	cps
Holmium	165-2	4592116	4574863	4584487	4583822	0.19	cps
Indium	115-1	8222387	8870507	8986893	8693262	4.74	cps
Indium	115-2	1470687	1460357	1464712	1465252	0.35	cps
Iron	54-2	683	694	800	726	8.87	cps
Iron	56-2	5946	5773	6196	5972	3.56	cps
Iron	57-2	200	239	261	233	13.26	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	439	419	425	2.90	cps
Lead	206-1	761	683	639	694	8.91	cps
Lead	207-1	561	628	661	617	8.26	cps
Lead	208-1	1289	1389	1506	1395	7.78	cps
Lithium	6-1	5149025	5320175	5496219	5321806	3.26	cps
Magnesium	24-2	658	750	692	700	6.63	cps
Manganese	55-2	120	83	100	101	18.16	cps
Molybdenum	94-1	592	508	508	536	8.97	cps
Molybdenum	95-1	650	400	300	450	40.06	cps
Molybdenum	96-1	650	533	408	531	22.78	cps
Molybdenum	97-1	250	292	192	244	20.55	cps
Molybdenum	98-1	842	733	433	669	31.60	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	90	93	83	89	5.73	cps
Phosphorus	31-2	100	58	75	78	26.96	cps
Potassium	39-2	19514	20607	20240	20120	2.76	cps
Rhodium	103-1	7921027	8591228	8550304	8354187	4.50	cps
Rhodium	103-2	3919281	3776913	3876241	3857478	1.89	cps
Scandium	45-1	6293431	6709434	6779622	6594162	3.99	cps
Scandium	45-2	218374	218881	218180	218479	0.17	cps
Selenium	82-1	44	16	41	34	45.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	71	76	86	78	9.83	cps
Silicon	28-1	740347	745078	739248	741558	0.42	cps
Silver	107-1	708	742	642	697	7.30	cps
Silver	109-1	675	683	567	642	10.14	cps
Sodium	23-2	15308	14708	13890	14635	4.86	cps
Strontium	86-1	1050	958	850	953	10.51	cps
Strontium	88-1	3926	2917	2592	3145	22.11	cps
Sulfur	34-1	342878	337694	338512	339695	0.82	cps
Terbium	159-1	9693254	10157155	10554800	10135070	4.25	cps
Terbium	159-2	4607525	4537943	4645774	4597081	1.19	cps
Thallium	203-1	192	233	233	219	10.96	cps
Thallium	205-1	558	450	350	453	23.01	cps
Tin	118-1	700	625	717	681	7.18	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:35:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	342	317	317	7.89	cps
Uranium	238-1	158	75	50	94	60.06	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Ytterbium	172-1	67	67	117	83	34.64	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	1333	1433	1383	1383	3.61	cps
Ytterbium	176-2	8486	8631	9020	8712	3.17	cps
Yttrium	89-1	13196346	13657997	14183956	13679433	3.61	cps
Yttrium	89-2	1639076	1623716	1620670	1627821	0.61	cps
Zinc	66-2	233	293	197	241	20.24	cps
Zirconium	90-1	683	758	692	711	5.78	cps
Zirconium	91-1	125	117	142	128	9.96	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24763	24853	25130	24915	0.77	cps
Antimony	121-1	492	417	600	503	18.33	cps
Arsenic	75-2	374	378	382	378	1.06	cps
Barium	135-1	373207	375190	365409	371269	1.39	cps
Barium	137-1	656672	648279	649684	651545	0.69	cps
Beryllium	9-1	662	659	640	654	1.84	cps
Bismuth	209-1	5879253	5975784	6117600	5990879	2.00	cps
Bismuth	209-2	3103519	3231150	3120056	3151575	2.20	cps
Boron	10-1	28973	29658	29728	29453	1.42	cps
Boron	11-1	122947	125154	126542	124881	1.45	cps
Bromine	81-1	153141	180373	191366	174960	11.25	cps
Cadmium	111-1	2656	2492	2495	2548	3.68	cps
Cadmium	106-1	4709	4693	4584	4662	1.46	cps
Cadmium	108-1	200	179	204	194	6.89	cps
Calcium	43-1	406497	407262	404675	406145	0.33	cps
Calcium	44-1	6412256	6618361	6405826	6478815	1.87	cps
Carbon	12-1	22098736	22842136	22832091	22590988	1.89	cps
Carbon	12-2	259760	257477	254871	257369	0.95	cps
Chlorine	35-1	2034075	2148531	2295194	2159267	6.06	cps
Chlorine	35-2	16668	18362	18354	17795	5.48	cps
Chromium	52-2	6848	6345	6532	6575	3.87	cps
Cobalt	59-2	391994	393734	382888	389539	1.50	cps
Copper	63-2	11605	11625	10661	11297	4.88	cps
Dysprosium	156-1	6919	6744	6585	6749	2.47	cps
Dysprosium	156-2	2764	2880	2754	2799	2.52	cps
Erbium	164-1	6435	6485	6402	6441	0.65	cps
Erbium	164-2	2440	2540	2550	2510	2.42	cps
Gadolinium	160-1	6527	6068	7019	6538	7.27	cps
Gadolinium	160-2	3277	3007	3110	3132	4.35	cps
Holmium	165-1	9670612	9905085	10015023	9863573	1.78	cps
Holmium	165-2	4550536	4686081	4567826	4601481	1.60	cps
Indium	115-1	8745486	8737220	8863764	8782156	0.81	cps
Indium	115-2	1434471	1442047	1431106	1435874	0.39	cps
Iron	54-2	205009	203193	196176	201459	2.32	cps
Iron	56-2	3804038	3711116	3713079	3742744	1.42	cps
Iron	57-2	93019	88920	90698	90879	2.26	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	432	412	427	424	2.45	cps
Lead	206-1	6846	7480	6841	7056	5.21	cps
Lead	207-1	6052	5951	5813	5939	2.02	cps
Lead	208-1	14275	13119	13336	13577	4.53	cps
Lithium	6-1	5395045	5434369	5392740	5407385	0.43	cps
Magnesium	24-2	1552749	1547365	1463802	1521306	3.28	cps
Manganese	55-2	6676998	6569440	6299376	6515271	2.99	cps
Molybdenum	94-1	3827	3350	3184	3454	9.67	cps
Molybdenum	95-1	2200	2617	2367	2395	8.76	cps
Molybdenum	96-1	2259	1859	2267	2128	10.97	cps
Molybdenum	97-1	842	708	758	769	8.75	cps
Molybdenum	98-1	1850	2175	2009	2011	8.08	cps
Neodymium	150-1	8990	8670	9037	8899	2.24	cps
Neodymium	150-2	2867	2774	2750	2797	2.21	cps
Nickel	60-2	16466	16233	15142	15947	4.43	cps
Phosphorus	31-2	308	308	358	325	8.88	cps
Potassium	39-2	514269	501361	499597	505076	1.59	cps
Rhodium	103-1	8204481	8301459	8271078	8259006	0.60	cps
Rhodium	103-2	3735466	3825571	3715898	3758978	1.56	cps
Scandium	45-1	6603303	6701897	6716072	6673758	0.92	cps
Scandium	45-2	214971	217505	215865	216114	0.59	cps
Selenium	82-1	269	329	244	280	15.58	cps
Selenium	77-2	10	23	10	14	53.28	cps
Selenium	78-2	95	88	109	97	10.98	cps
Silicon	28-1	26223863	26606836	25955459	26262053	1.25	cps
Silver	107-1	692	508	517	572	18.09	cps
Silver	109-1	508	517	492	506	2.52	cps
Sodium	23-2	23643673	23922694	22653858	23406742	2.85	cps
Strontium	86-1	289998	295457	290519	291991	1.03	cps
Strontium	88-1	2597700	2517515	2525206	2546807	1.74	cps
Sulfur	34-1	775710	773976	770151	773279	0.37	cps
Terbium	159-1	10372460	10324917	10469451	10388943	0.71	cps
Terbium	159-2	4560553	4597105	4595955	4584538	0.45	cps
Thallium	203-1	9195	8887	8803	8962	2.30	cps
Thallium	205-1	21068	21969	20617	21218	3.24	cps
Tin	118-1	2834	2709	2900	2814	3.46	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:39:01	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9712	9462	10799	9991	7.11	cps
Uranium	238-1	3684	3401	3542	3542	4.00	cps
Vanadium	51-2	10784	10477	10561	10607	1.50	cps
Ytterbium	172-1	1884	1817	1859	1853	1.82	cps
Ytterbium	172-2	878	794	950	874	8.91	cps
Ytterbium	176-1	3050	2525	2417	2664	12.72	cps
Ytterbium	176-2	9326	9126	10232	9561	6.17	cps
Yttrium	89-1	13981361	13892203	13998532	13957365	0.41	cps
Yttrium	89-2	1593497	1628761	1601439	1607899	1.15	cps
Zinc	66-2	46503	46215	45694	46137	0.89	cps
Zirconium	90-1	6810	6985	6894	6896	1.27	cps
Zirconium	91-1	1550	1550	1467	1522	3.16	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1464	4183	2584	2743	49.81	cps
Antimony	121-1	208	217	275	233	15.57	cps
Arsenic	75-2	33	56	56	48	27.48	cps
Barium	135-1	364153	360226	358548	360976	0.80	cps
Barium	137-1	620499	626084	631627	626070	0.89	cps
Beryllium	9-1	427	434	434	432	0.84	cps
Bismuth	209-1	5869344	5894850	5971074	5911756	0.90	cps
Bismuth	209-2	3116252	3283129	3192476	3197286	2.61	cps
Boron	10-1	27600	28099	27925	27875	0.91	cps
Boron	11-1	117236	121548	123529	120771	2.66	cps
Bromine	81-1	163257	176222	190988	176823	7.85	cps
Cadmium	111-1	2647	2569	2594	2603	1.55	cps
Cadmium	106-1	4793	4292	4484	4523	5.58	cps
Cadmium	108-1	171	158	183	171	7.32	cps
Calcium	43-1	413819	419250	410795	414621	1.03	cps
Calcium	44-1	6869580	6685841	6634974	6730131	1.83	cps
Carbon	12-1	20269801	21048642	21674631	20997691	3.35	cps
Carbon	12-2	239970	242691	237776	240146	1.03	cps
Chlorine	35-1	2410893	2572488	2698731	2560704	5.63	cps
Chlorine	35-2	21249	21166	21683	21366	1.30	cps
Chromium	52-2	1820	2390	2140	2117	13.50	cps
Cobalt	59-2	383132	371675	367188	373999	2.20	cps
Copper	63-2	5358	11172	7866	8132	35.86	cps
Dysprosium	156-1	3876	4009	4101	3995	2.83	cps
Dysprosium	156-2	1617	1723	1653	1665	3.26	cps
Erbium	164-1	3367	3651	3567	3528	4.13	cps
Erbium	164-2	1360	1533	1477	1457	6.07	cps
Gadolinium	160-1	4259	3942	4126	4109	3.87	cps
Gadolinium	160-2	1863	1890	1807	1853	2.30	cps
Holmium	165-1	10041413	9897777	9957829	9965673	0.72	cps
Holmium	165-2	4621541	4676827	4655917	4651428	0.60	cps
Indium	115-1	8771629	8808421	8762004	8780685	0.28	cps
Indium	115-2	1432654	1439709	1425899	1432754	0.48	cps
Iron	54-2	1989	8948	4968	5302	65.86	cps
Iron	56-2	27722	150229	77440	85130	72.38	cps
Iron	57-2	1500	4673	2578	2917	55.31	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	417	392	402	404	3.11	cps
Lead	206-1	1083	1095	1306	1161	10.78	cps
Lead	207-1	1067	1045	1039	1050	1.40	cps
Lead	208-1	2361	2406	2167	2311	5.50	cps
Lithium	6-1	5439576	5441234	5512641	5464484	0.76	cps
Magnesium	24-2	1650362	1631221	1551265	1610949	3.26	cps
Manganese	55-2	6222657	5974696	6149667	6115673	2.08	cps
Molybdenum	94-1	442	492	500	478	6.60	cps
Molybdenum	95-1	1217	1133	1083	1145	5.89	cps
Molybdenum	96-1	575	500	600	558	9.32	cps
Molybdenum	97-1	217	192	225	211	8.22	cps
Molybdenum	98-1	583	458	750	597	24.50	cps
Neodymium	150-1	5128	4941	5094	5054	1.97	cps
Neodymium	150-2	1617	1470	1590	1559	5.01	cps
Nickel	60-2	16163	16016	15746	15975	1.32	cps
Phosphorus	31-2	125	125	100	117	12.37	cps
Potassium	39-2	529206	523185	517200	523197	1.15	cps
Rhodium	103-1	8295759	8247048	8026974	8189927	1.75	cps
Rhodium	103-2	3810203	3713658	3698990	3740950	1.62	cps
Scandium	45-1	6814904	6921133	6835592	6857210	0.82	cps
Scandium	45-2	220284	213750	217360	217131	1.51	cps
Selenium	82-1	250	325	302	292	13.16	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	99	96	115	103	9.88	cps
Silicon	28-1	25098101	25242708	24861122	25067310	0.77	cps
Silver	107-1	308	333	325	322	3.95	cps
Silver	109-1	233	325	192	250	27.29	cps
Sodium	23-2	24898175	23991986	23888079	24259413	2.29	cps
Strontium	86-1	304155	302290	302127	302857	0.37	cps
Strontium	88-1	2699514	2636075	2636075	2657221	1.38	cps
Sulfur	34-1	805813	790667	783776	793419	1.42	cps
Terbium	159-1	10852100	10526042	10314853	10564332	2.56	cps
Terbium	159-2	4608383	4678366	4585700	4624149	1.04	cps
Thallium	203-1	8270	8770	8686	8575	3.13	cps
Thallium	205-1	20684	20183	20191	20353	1.41	cps
Tin	118-1	1225	1158	1333	1239	7.13	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-03	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:43:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1167	1067	983	1072	8.56	cps
Uranium	238-1	367	367	250	328	20.55	cps
Vanadium	51-2	257	720	457	478	48.64	cps
Ytterbium	172-1	1092	992	958	1014	6.84	cps
Ytterbium	172-2	544	567	517	543	4.62	cps
Ytterbium	176-1	2192	2092	2125	2136	2.38	cps
Ytterbium	176-2	9326	9531	9459	9439	1.11	cps
Yttrium	89-1	14326946	14117921	14197640	14214169	0.74	cps
Yttrium	89-2	1632468	1646093	1604474	1627678	1.30	cps
Zinc	66-2	47035	47295	46697	47009	0.64	cps
Zirconium	90-1	642	683	658	661	3.17	cps
Zirconium	91-1	117	108	192	139	33.04	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31265	31522	29684	30824	3.23	cps
Antimony	121-1	358	367	517	414	21.53	cps
Arsenic	75-2	367	349	350	355	2.85	cps
Barium	135-1	387192	389377	371056	382542	2.62	cps
Barium	137-1	671259	677796	655678	668244	1.70	cps
Beryllium	9-1	596	639	591	609	4.29	cps
Bismuth	209-1	6048216	6219701	6025740	6097886	1.74	cps
Bismuth	209-2	3237438	3173652	3259574	3223554	1.38	cps
Boron	10-1	27362	27741	27230	27444	0.97	cps
Boron	11-1	115546	119758	119894	118400	2.09	cps
Bromine	81-1	175642	195856	207356	192951	8.32	cps
Cadmium	111-1	2429	2464	2483	2459	1.11	cps
Cadmium	106-1	4359	4559	4418	4445	2.31	cps
Cadmium	108-1	204	188	150	181	15.37	cps
Calcium	43-1	415795	417008	411786	414863	0.66	cps
Calcium	44-1	6731702	6579524	6519391	6610206	1.66	cps
Carbon	12-1	19930829	20863197	21075778	20623268	2.95	cps
Carbon	12-2	238151	236649	230986	235262	1.61	cps
Chlorine	35-1	2740354	2932848	2968264	2880489	4.26	cps
Chlorine	35-2	22827	22727	22552	22702	0.61	cps
Chromium	52-2	6745	6692	6702	6713	0.42	cps
Cobalt	59-2	403883	397929	396045	399286	1.02	cps
Copper	63-2	11241	11094	11028	11121	0.98	cps
Dysprosium	156-1	7277	6894	6935	7035	2.99	cps
Dysprosium	156-2	3017	2847	2880	2915	3.09	cps
Erbium	164-1	6027	6393	6443	6288	3.62	cps
Erbium	164-2	2710	2617	2874	2734	4.75	cps
Gadolinium	160-1	6719	6518	6543	6593	1.65	cps
Gadolinium	160-2	3117	3337	3280	3245	3.52	cps
Holmium	165-1	10105209	9825137	10150536	10026960	1.76	cps
Holmium	165-2	4547710	4592190	4780988	4640296	2.67	cps
Indium	115-1	8989304	9184031	8804417	8992584	2.11	cps
Indium	115-2	1438842	1477952	1468264	1461686	1.39	cps
Iron	54-2	210645	210334	207102	209360	0.94	cps
Iron	56-2	3895318	3792209	3857290	3848273	1.35	cps
Iron	57-2	97518	95216	93792	95509	1.97	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	387	437	444	423	7.29	cps
Lead	206-1	7019	6774	6880	6891	1.78	cps
Lead	207-1	6224	5801	5946	5991	3.59	cps
Lead	208-1	13998	14197	13541	13912	2.42	cps
Lithium	6-1	5360334	5531818	5398321	5430158	1.66	cps
Magnesium	24-2	1575802	1505622	1563587	1548337	2.42	cps
Manganese	55-2	6579520	6476781	6457284	6504528	1.01	cps
Molybdenum	94-1	3676	3159	3626	3487	8.18	cps
Molybdenum	95-1	2067	2159	2125	2117	2.19	cps
Molybdenum	96-1	1992	2167	2084	2081	4.21	cps
Molybdenum	97-1	617	667	708	664	6.91	cps
Molybdenum	98-1	1792	2025	1925	1914	6.12	cps
Neodymium	150-1	9283	9017	9637	9312	3.34	cps
Neodymium	150-2	2770	2897	2880	2849	2.42	cps
Nickel	60-2	16350	16159	15952	16154	1.23	cps
Phosphorus	31-2	325	267	325	306	11.02	cps
Potassium	39-2	527395	509731	510404	515843	1.94	cps
Rhodium	103-1	8401860	8357119	8184661	8314546	1.38	cps
Rhodium	103-2	3741242	3750098	3804182	3765174	0.90	cps
Scandium	45-1	7023082	6689883	6753264	6822076	2.59	cps
Scandium	45-2	217860	213881	220038	217260	1.44	cps
Selenium	82-1	307	226	227	254	18.34	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	107	103	89	100	9.48	cps
Silicon	28-1	27504649	28115253	26460282	27360061	3.06	cps
Silver	107-1	642	567	558	589	7.79	cps
Silver	109-1	500	408	442	450	10.31	cps
Sodium	23-2	23725281	22955596	23032234	23237704	1.82	cps
Strontium	86-1	294701	297268	293054	295007	0.72	cps
Strontium	88-1	2574346	2625590	2600790	2600242	0.99	cps
Sulfur	34-1	787313	790024	771377	782905	1.29	cps
Terbium	159-1	10492098	10676324	10575997	10581473	0.87	cps
Terbium	159-2	4649606	4718841	4734444	4700964	0.96	cps
Thallium	203-1	9229	9312	8578	9040	4.44	cps
Thallium	205-1	21084	21101	20742	20976	0.97	cps
Tin	118-1	2400	2350	2334	2361	1.47	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02DUP	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 12:46:31	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11440	12396	9537	11124	13.08	cps
Uranium	238-1	3501	3784	3734	3673	4.12	cps
Vanadium	51-2	11021	10484	10984	10830	2.77	cps
Ytterbium	172-1	2017	2050	1859	1975	5.18	cps
Ytterbium	172-2	1050	1017	1050	1039	1.85	cps
Ytterbium	176-1	3050	2434	2734	2739	11.26	cps
Ytterbium	176-2	9531	9554	9809	9631	1.60	cps
Yttrium	89-1	14039683	14307177	14193479	14180113	0.95	cps
Yttrium	89-2	1615350	1644108	1636970	1632142	0.92	cps
Zinc	66-2	46540	45998	45714	46084	0.91	cps
Zirconium	90-1	7360	7861	7461	7561	3.50	cps
Zirconium	91-1	1625	1867	1834	1775	7.38	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6273	5843	5555	5890	6.13	cps
Antimony	121-1	92	175	200	156	36.47	cps
Arsenic	75-2	70	96	73	80	17.85	cps
Barium	135-1	75293	73878	75001	74724	1.00	cps
Barium	137-1	131547	133027	131337	131970	0.70	cps
Beryllium	9-1	199	225	209	211	6.28	cps
Bismuth	209-1	6386143	6090101	6070243	6182162	2.86	cps
Bismuth	209-2	3455524	3250092	3230677	3312098	3.76	cps
Boron	10-1	10846	10854	10742	10814	0.58	cps
Boron	11-1	47118	48474	47978	47857	1.43	cps
Bromine	81-1	101964	105118	109679	105587	3.67	cps
Cadmium	111-1	1197	1263	1205	1222	2.93	cps
Cadmium	106-1	4501	4618	4234	4451	4.42	cps
Cadmium	108-1	58	117	42	72	54.53	cps
Calcium	43-1	83014	82979	81038	82344	1.37	cps
Calcium	44-1	1363781	1320468	1327952	1337400	1.73	cps
Carbon	12-1	10110412	10095998	10204477	10136962	0.58	cps
Carbon	12-2	111513	111993	109926	111144	0.97	cps
Chlorine	35-1	1446038	1462778	1420046	1442954	1.49	cps
Chlorine	35-2	10329	10663	10020	10337	3.11	cps
Chromium	52-2	1803	1803	1777	1795	0.86	cps
Cobalt	59-2	80905	80452	78288	79882	1.75	cps
Copper	63-2	2890	2777	2734	2800	2.89	cps
Dysprosium	156-1	1392	1308	1475	1392	5.99	cps
Dysprosium	156-2	640	583	590	604	5.12	cps
Erbium	164-1	1208	1417	1167	1264	10.60	cps
Erbium	164-2	497	533	537	522	4.25	cps
Gadolinium	160-1	1350	1267	1325	1314	3.26	cps
Gadolinium	160-2	730	853	660	748	13.09	cps
Holmium	165-1	10302564	9781002	10060676	10048081	2.60	cps
Holmium	165-2	4771198	4754481	4629724	4718468	1.64	cps
Indium	115-1	8879742	9201715	8875503	8985653	2.08	cps
Indium	115-2	1543868	1450412	1462874	1485718	3.42	cps
Iron	54-2	42737	44973	42307	43339	3.30	cps
Iron	56-2	781029	772015	756867	769971	1.59	cps
Iron	57-2	19447	19564	19436	19482	0.36	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	387	397	429	405	5.32	cps
Lead	206-1	1795	1978	1906	1893	4.88	cps
Lead	207-1	1672	1595	1722	1663	3.87	cps
Lead	208-1	3812	3434	3590	3612	5.26	cps
Lithium	6-1	5407576	5416914	5428787	5417759	0.20	cps
Magnesium	24-2	309706	311180	304165	308350	1.20	cps
Manganese	55-2	1350563	1306835	1258364	1305254	3.53	cps
Molybdenum	94-1	1025	758	792	858	16.93	cps
Molybdenum	95-1	492	367	358	406	18.42	cps
Molybdenum	96-1	608	567	550	575	5.23	cps
Molybdenum	97-1	183	175	158	172	7.39	cps
Molybdenum	98-1	417	442	358	406	10.54	cps
Neodymium	150-1	1967	1827	1847	1880	4.03	cps
Neodymium	150-2	570	600	530	567	6.20	cps
Nickel	60-2	3207	3227	3334	3256	2.09	cps
Phosphorus	31-2	108	100	133	114	15.23	cps
Potassium	39-2	121183	118653	117864	119233	1.45	cps
Rhodium	103-1	8544434	8404649	8446104	8465062	0.85	cps
Rhodium	103-2	3968989	3895897	3848097	3904327	1.56	cps
Scandium	45-1	6795972	6667849	6860770	6774864	1.45	cps
Scandium	45-2	224846	215606	214520	218324	2.60	cps
Selenium	82-1	134	154	110	132	16.53	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	74	81	80	78	4.83	cps
Silicon	28-1	5960318	5814742	5856364	5877141	1.28	cps
Silver	107-1	200	233	242	225	9.80	cps
Silver	109-1	133	158	92	128	26.36	cps
Sodium	23-2	4821062	4713636	4632052	4722250	2.01	cps
Strontium	86-1	60499	59863	59084	59815	1.18	cps
Strontium	88-1	519743	516545	507019	514436	1.29	cps
Sulfur	34-1	418708	421898	423600	421402	0.59	cps
Terbium	159-1	10487039	10592171	10824774	10634661	1.63	cps
Terbium	159-2	4841143	4648712	4594678	4694844	2.76	cps
Thallium	203-1	1600	2000	1850	1817	11.12	cps
Thallium	205-1	4359	4884	4668	4637	5.69	cps
Tin	118-1	850	1008	992	950	9.16	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02LX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 12:49:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3637	1967	3704	3103	31.72	cps
Uranium	238-1	775	692	742	736	5.70	cps
Vanadium	51-2	2134	2257	2127	2172	3.37	cps
Ytterbium	172-1	425	433	517	458	11.06	cps
Ytterbium	172-2	206	222	261	230	12.42	cps
Ytterbium	176-1	1700	1642	1392	1578	10.38	cps
Ytterbium	176-2	9242	9554	9470	9422	1.71	cps
Yttrium	89-1	14217854	14065504	14030834	14104731	0.71	cps
Yttrium	89-2	1673195	1654616	1631683	1653165	1.26	cps
Zinc	66-2	9857	9944	9497	9766	2.43	cps
Zirconium	90-1	2192	1867	1909	1989	8.89	cps
Zirconium	91-1	458	433	408	433	5.77	cps

LB Number : LB124028 Operator : Jaswal
 Lab Sample ID : O1509-02MS Instrumnet Name : P8
 Client Sample ID : OW-04B-18-28-020823M Dilution Factor : 1
 Date & Time Acquired : 2023-02-10 13:30:32 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767234	774492	753948	765225	1.36	cps
Antimony	121-1	2722724	2766931	2669976	2719877	1.78	cps
Arsenic	75-2	95906	97669	96615	96730	0.92	cps
Barium	135-1	4242755	4052678	4017791	4104408	2.95	cps
Barium	137-1	7242025	7155047	7045468	7147513	1.38	cps
Beryllium	9-1	1456496	1482046	1443246	1460596	1.35	cps
Bismuth	209-1	5792123	5877221	5900655	5856666	0.98	cps
Bismuth	209-2	3117967	3016099	3108367	3080811	1.83	cps
Boron	10-1	227592	237229	240421	235081	2.84	cps
Boron	11-1	922602	936474	933850	930975	0.79	cps
Bromine	81-1	140157	145172	158398	147909	6.37	cps
Cadmium	111-1	837863	839520	827851	835078	0.76	cps
Cadmium	106-1	101960	101153	100852	101322	0.57	cps
Cadmium	108-1	68214	68063	66426	67568	1.47	cps
Calcium	43-1	1571493	1584606	1629079	1595059	1.89	cps
Calcium	44-1	25428409	25098697	26145751	25557619	2.09	cps
Carbon	12-1	10804104	11279340	11670949	11251464	3.86	cps
Carbon	12-2	143472	144313	146391	144725	1.04	cps
Chlorine	35-1	2286921	2403043	2536174	2408713	5.18	cps
Chlorine	35-2	20165	21325	20373	20621	3.00	cps
Chromium	52-2	905213	912236	893379	903609	1.05	cps
Cobalt	59-2	2127012	2126240	2075863	2109705	1.39	cps
Copper	63-2	12615029	12706130	12842806	12721322	0.90	cps
Dysprosium	156-1	7552	7386	6819	7252	5.31	cps
Dysprosium	156-2	2904	3124	2947	2991	3.90	cps
Erbium	164-1	6127	7582	6202	6637	12.35	cps
Erbium	164-2	2727	2617	2624	2656	2.32	cps
Gadolinium	160-1	6677	6969	7395	7014	5.15	cps
Gadolinium	160-2	3424	3154	3384	3320	4.39	cps
Holmium	165-1	10223593	10002271	9905193	10043686	1.62	cps
Holmium	165-2	4756384	4536996	4642063	4645148	2.36	cps
Indium	115-1	8699368	8549592	8447026	8565328	1.48	cps
Indium	115-2	1377327	1387399	1387706	1384144	0.43	cps
Iron	54-2	2512011	2603447	2453231	2522897	3.00	cps
Iron	56-2	44685777	44281613	44364172	44443854	0.48	cps
Iron	57-2	1096358	1108755	1072840	1092651	1.67	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MS	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:30:32	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	409	455	434	432	5.35	cps
Lead	206-1	10955814	11468220	11088456	11170830	2.38	cps
Lead	207-1	9709852	10063597	9827348	9866932	1.83	cps
Lead	208-1	23193383	22968526	23152020	23104643	0.52	cps
Lithium	6-1	5556764	5452033	5468121	5492306	1.03	cps
Magnesium	24-2	10286114	10619189	10440220	10448508	1.60	cps
Manganese	55-2	11713074	11729551	11237737	11560121	2.42	cps
Molybdenum	94-1	5866684	5962600	5643292	5824192	2.81	cps
Molybdenum	95-1	6782516	6651215	6458226	6630652	2.46	cps
Molybdenum	96-1	7589509	7627644	7310508	7509220	2.31	cps
Molybdenum	97-1	4091229	4233792	4018627	4114549	2.66	cps
Molybdenum	98-1	10737626	10429817	10336446	10501296	2.00	cps
Neodymium	150-1	9577	9404	8890	9290	3.85	cps
Neodymium	150-2	3297	3200	3297	3265	1.71	cps
Nickel	60-2	448215	450810	450186	449737	0.30	cps
Phosphorus	31-2	292	342	342	325	8.88	cps
Potassium	39-2	3212981	3202735	3121140	3178952	1.58	cps
Rhodium	103-1	7958956	7790075	7737684	7828905	1.48	cps
Rhodium	103-2	3606383	3542463	3586535	3578460	0.91	cps
Scandium	45-1	6518407	6620580	6691343	6610110	1.32	cps
Scandium	45-2	215125	216097	211131	214118	1.23	cps
Selenium	82-1	74569	72822	72585	73325	1.48	cps
Selenium	77-2	2477	2240	2274	2330	5.50	cps
Selenium	78-2	8295	8186	7823	8101	3.05	cps
Silicon	28-1	31748760	33917653	33627009	33097807	3.56	cps
Silver	107-1	13198	13090	13507	13265	1.63	cps
Silver	109-1	7511	7511	7427	7483	0.64	cps
Sodium	23-2	40604661	40862951	39981204	40482939	1.12	cps
Strontium	86-1	1409087	1406219	1394967	1403424	0.53	cps
Strontium	88-1	12217824	11983266	12077635	12092908	0.98	cps
Sulfur	34-1	754850	755436	759599	756628	0.34	cps
Terbium	159-1	10293149	10547892	10424845	10421962	1.22	cps
Terbium	159-2	4632799	4497194	4480570	4536854	1.84	cps
Thallium	203-1	2719359	2719840	2776011	2738403	1.19	cps
Thallium	205-1	6358780	6630955	6399627	6463121	2.27	cps
Tin	118-1	2674990	2646990	2605025	2642335	1.33	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MS	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:30:32	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2206614	2276553	2305933	2263033	2.25	cps
Uranium	238-1	8827255	8945839	8351721	8708272	3.61	cps
Vanadium	51-2	776845	779040	758373	771419	1.47	cps
Ytterbium	172-1	1992	2009	1733	1911	8.07	cps
Ytterbium	172-2	1172	878	1011	1020	14.45	cps
Ytterbium	176-1	8570	9554	8853	8992	5.63	cps
Ytterbium	176-2	12223	12339	12578	12380	1.47	cps
Yttrium	89-1	13991230	13929949	13730397	13883858	0.98	cps
Yttrium	89-2	1573936	1604570	1540999	1573169	2.02	cps
Zinc	66-2	1646765	1591347	1611108	1616407	1.74	cps
Zirconium	90-1	5895759	5798565	5797789	5830704	0.97	cps
Zirconium	91-1	1338869	1312288	1304065	1318407	1.38	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742756	715199	710858	722938	2.39	cps
Antimony	121-1	2694040	2728167	2743463	2721890	0.93	cps
Arsenic	75-2	92858	90944	89581	91127	1.81	cps
Barium	135-1	4118585	4101407	4078878	4099623	0.49	cps
Barium	137-1	7223114	6945457	7081504	7083358	1.96	cps
Beryllium	9-1	1441388	1430508	1452202	1441366	0.75	cps
Bismuth	209-1	5915509	5730577	5884784	5843623	1.70	cps
Bismuth	209-2	3114419	3161352	3145464	3140412	0.76	cps
Boron	10-1	239571	242127	251556	244418	2.58	cps
Boron	11-1	911564	968532	1012493	964196	5.25	cps
Bromine	81-1	141441	151131	165801	152791	8.03	cps
Cadmium	111-1	845435	823906	845305	838215	1.48	cps
Cadmium	106-1	101204	102655	105201	103020	1.96	cps
Cadmium	108-1	67854	68289	66798	67647	1.13	cps
Calcium	43-1	1647600	1617205	1627587	1630797	0.95	cps
Calcium	44-1	25846246	26080725	25739195	25888722	0.67	cps
Carbon	12-1	10763904	11524499	12054114	11447506	5.67	cps
Carbon	12-2	140576	144017	145954	143516	1.90	cps
Chlorine	35-1	2588290	2756760	2783453	2709501	3.91	cps
Chlorine	35-2	21884	21199	22184	21756	2.32	cps
Chromium	52-2	883773	858688	832628	858363	2.98	cps
Cobalt	59-2	2088698	1993274	1974672	2018881	3.03	cps
Copper	63-2	12292070	11978875	11734819	12001921	2.33	cps
Dysprosium	156-1	7019	7144	7979	7381	7.07	cps
Dysprosium	156-2	2917	2874	2664	2818	4.81	cps
Erbium	164-1	6002	6752	6485	6413	5.93	cps
Erbium	164-2	2854	2504	2594	2650	6.86	cps
Gadolinium	160-1	6927	6910	7102	6980	1.52	cps
Gadolinium	160-2	3324	3380	3084	3263	4.83	cps
Holmium	165-1	10162746	9928436	10196497	10095893	1.45	cps
Holmium	165-2	4609036	4602700	4557094	4589610	0.62	cps
Indium	115-1	8661159	8502234	8664889	8609427	1.08	cps
Indium	115-2	1401370	1392452	1405592	1399805	0.48	cps
Iron	54-2	2462548	2396276	2350062	2402962	2.35	cps
Iron	56-2	42594873	41993616	41430759	42006416	1.39	cps
Iron	57-2	1043504	1034196	1019959	1032553	1.15	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	395	431	411	4.48	cps
Lead	206-1	11274572	11459933	11333868	11356124	0.83	cps
Lead	207-1	9928634	10058135	10065896	10017555	0.77	cps
Lead	208-1	23312907	22558491	23280142	23050513	1.85	cps
Lithium	6-1	5405145	5357099	5337432	5366559	0.65	cps
Magnesium	24-2	9971817	9807055	9997422	9925431	1.04	cps
Manganese	55-2	11040520	11092324	10684542	10939129	2.03	cps
Molybdenum	94-1	5774479	6069190	5862589	5902086	2.56	cps
Molybdenum	95-1	6643546	6640678	6658142	6647455	0.14	cps
Molybdenum	96-1	7459631	7216061	7328814	7334835	1.66	cps
Molybdenum	97-1	4097279	3959918	4127626	4061607	2.20	cps
Molybdenum	98-1	10675086	10418430	10385129	10492882	1.51	cps
Neodymium	150-1	9891	8963	9403	9419	4.93	cps
Neodymium	150-2	3054	3100	2797	2984	5.48	cps
Nickel	60-2	432330	424793	415373	424165	2.00	cps
Phosphorus	31-2	283	350	250	294	17.29	cps
Potassium	39-2	2955948	2939288	2967257	2954164	0.48	cps
Rhodium	103-1	7728989	7941344	7981942	7884091	1.72	cps
Rhodium	103-2	3601920	3642019	3558163	3600700	1.16	cps
Scandium	45-1	6596847	6665098	6879086	6713677	2.19	cps
Scandium	45-2	213142	212727	215790	213887	0.78	cps
Selenium	82-1	73694	72728	73764	73396	0.79	cps
Selenium	77-2	2384	2257	2170	2270	4.73	cps
Selenium	78-2	7759	7749	7578	7695	1.32	cps
Silicon	28-1	32785139	33715955	35985844	34162313	4.82	cps
Silver	107-1	12414	12614	13557	12862	4.74	cps
Silver	109-1	7652	7319	7752	7574	3.00	cps
Sodium	23-2	38613274	37247663	38160483	38007140	1.83	cps
Strontium	86-1	1433026	1443553	1409232	1428604	1.23	cps
Strontium	88-1	12107333	12297253	11963495	12122694	1.38	cps
Sulfur	34-1	757142	751282	754481	754302	0.39	cps
Terbium	159-1	10773786	10582688	11005864	10787446	1.96	cps
Terbium	159-2	4558600	4642690	4552834	4584708	1.10	cps
Thallium	203-1	2778975	2654063	2745057	2726032	2.37	cps
Thallium	205-1	6457315	6357324	6419304	6411314	0.79	cps
Tin	118-1	2653142	2564597	2604902	2607547	1.70	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02MSD	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:34:52	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2271823	2229024	2244436	2248428	0.96	cps
Uranium	238-1	8818986	8676420	8674718	8723375	0.95	cps
Vanadium	51-2	744866	730063	719143	731357	1.77	cps
Ytterbium	172-1	2242	1900	1975	2039	8.82	cps
Ytterbium	172-2	950	1117	811	959	15.95	cps
Ytterbium	176-1	9570	9112	9479	9387	2.59	cps
Ytterbium	176-2	12100	11956	12767	12274	3.53	cps
Yttrium	89-1	13850196	14171210	13862483	13961296	1.30	cps
Yttrium	89-2	1619861	1547328	1578071	1581753	2.30	cps
Zinc	66-2	1551329	1510349	1505833	1522504	1.65	cps
Zirconium	90-1	5882329	5914638	5755439	5850802	1.44	cps
Zirconium	91-1	1310716	1324571	1301864	1312384	0.87	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	701008	675867	671907	682927	2.31	cps
Antimony	121-1	2514181	2498378	2584903	2532488	1.82	cps
Arsenic	75-2	86346	83705	82816	84289	2.18	cps
Barium	135-1	3816821	3807729	3901443	3841998	1.35	cps
Barium	137-1	6584670	6574716	6577376	6578921	0.08	cps
Beryllium	9-1	1366503	1336090	1320710	1341101	1.74	cps
Bismuth	209-1	5539900	5853493	6000879	5798091	4.06	cps
Bismuth	209-2	3172311	3072434	3080160	3108302	1.79	cps
Boron	10-1	219975	227354	228305	225211	2.02	cps
Boron	11-1	831006	862523	923021	872184	5.36	cps
Bromine	81-1	141229	149856	161180	150755	6.64	cps
Cadmium	111-1	783186	782114	787797	784366	0.38	cps
Cadmium	106-1	97301	94128	96747	96059	1.76	cps
Cadmium	108-1	62550	60344	62282	61725	1.95	cps
Calcium	43-1	1542401	1567664	1533075	1547713	1.16	cps
Calcium	44-1	23885323	24242139	24490677	24206046	1.26	cps
Carbon	12-1	9911374	10594662	11011430	10505822	5.29	cps
Carbon	12-2	130754	130630	133318	131567	1.15	cps
Chlorine	35-1	2612200	2738815	2867752	2739589	4.66	cps
Chlorine	35-2	22610	23570	22643	22941	2.37	cps
Chromium	52-2	818369	799555	780708	799544	2.36	cps
Cobalt	59-2	1957129	1867418	1863222	1895923	2.80	cps
Copper	63-2	11210249	11116665	10918531	11081815	1.34	cps
Dysprosium	156-1	6902	6860	7277	7013	3.27	cps
Dysprosium	156-2	2810	3134	3107	3017	5.95	cps
Erbium	164-1	6502	5826	6285	6204	5.56	cps
Erbium	164-2	2500	2574	2517	2530	1.52	cps
Gadolinium	160-1	6760	6844	6177	6593	5.51	cps
Gadolinium	160-2	3067	3320	3154	3180	4.05	cps
Holmium	165-1	9649522	10148511	9867571	9888534	2.53	cps
Holmium	165-2	4673428	4550148	4500404	4574660	1.95	cps
Indium	115-1	8135499	8684940	8523107	8447849	3.34	cps
Indium	115-2	1411114	1369111	1369254	1383160	1.75	cps
Iron	54-2	2346957	2285360	2176700	2269672	3.80	cps
Iron	56-2	43820772	38527036	39122773	40490193	7.16	cps
Iron	57-2	991750	1008073	947394	982406	3.20	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	421	409	470	433	7.47	cps
Lead	206-1	10446905	10583403	10594710	10541673	0.78	cps
Lead	207-1	8999356	9206349	9251363	9152356	1.47	cps
Lead	208-1	21134994	21482651	21361511	21326385	0.83	cps
Lithium	6-1	5330181	5351538	5504012	5395244	1.76	cps
Magnesium	24-2	9635253	9003294	9073493	9237346	3.75	cps
Manganese	55-2	11217340	10659344	10479443	10785376	3.57	cps
Molybdenum	94-1	5436915	5559085	5367267	5454422	1.78	cps
Molybdenum	95-1	6163128	6168654	6054268	6128683	1.05	cps
Molybdenum	96-1	6915935	6939133	6909617	6921562	0.22	cps
Molybdenum	97-1	3748370	3845989	3788640	3794333	1.29	cps
Molybdenum	98-1	9930603	9799334	9794039	9841325	0.79	cps
Neodymium	150-1	10748	9057	9590	9798	8.82	cps
Neodymium	150-2	3000	2874	2814	2896	3.29	cps
Nickel	60-2	403552	390473	388962	394329	2.03	cps
Phosphorus	31-2	417	308	300	342	19.05	cps
Potassium	39-2	2927765	2736079	2883292	2849045	3.52	cps
Rhodium	103-1	7685035	7806369	7862337	7784581	1.16	cps
Rhodium	103-2	3639988	3601675	3469686	3570450	2.50	cps
Scandium	45-1	6428557	6585648	6776085	6596763	2.64	cps
Scandium	45-2	216314	217235	213275	215608	0.96	cps
Selenium	82-1	67531	68052	67392	67658	0.51	cps
Selenium	77-2	2134	2013	1967	2038	4.22	cps
Selenium	78-2	7403	6962	7024	7130	3.34	cps
Silicon	28-1	34733629	41084649	33991229	36603169	10.65	cps
Silver	107-1	2692726	2721233	4091578	3168512	25.23	cps
Silver	109-1	2993642	2901079	2536183	2810301	8.61	cps
Sodium	23-2	37441261	34996809	35831245	36089772	3.44	cps
Strontium	86-1	1322210	1338540	1328168	1329639	0.62	cps
Strontium	88-1	11796403	11333040	11261335	11463593	2.53	cps
Sulfur	34-1	744311	745928	749270	746503	0.34	cps
Terbium	159-1	9981941	10179694	10429269	10196968	2.20	cps
Terbium	159-2	4473307	4464164	4453708	4463726	0.22	cps
Thallium	203-1	2586227	2523723	2523011	2544320	1.43	cps
Thallium	205-1	5986020	6018897	6079536	6028151	0.79	cps
Tin	118-1	2418444	2427935	2502329	2449570	1.88	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1509-02A	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:40:23	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2103611	2054611	2103281	2087167	1.35	cps
Uranium	238-1	7945478	8101009	7741833	7929440	2.27	cps
Vanadium	51-2	700258	681825	665025	682369	2.58	cps
Ytterbium	172-1	2242	1975	2167	2128	6.46	cps
Ytterbium	172-2	1039	1050	917	1002	7.38	cps
Ytterbium	176-1	7853	8186	9187	8408	8.26	cps
Ytterbium	176-2	11739	12011	11961	11904	1.22	cps
Yttrium	89-1	13675990	13868124	13789409	13777841	0.70	cps
Yttrium	89-2	1614920	1590797	1569882	1591867	1.42	cps
Zinc	66-2	1403722	1391332	1372451	1389168	1.13	cps
Zirconium	90-1	5567211	5464108	5508786	5513368	0.94	cps
Zirconium	91-1	1232484	1227452	1217456	1225797	0.62	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4692684	4605440	4450092	4582739	2.68	cps
Antimony	121-1	2709	2159	2517	2461	11.34	cps
Arsenic	75-2	3088	3065	2992	3048	1.64	cps
Barium	135-1	502140	494466	483234	493280	1.93	cps
Barium	137-1	869943	864626	859428	864665	0.61	cps
Beryllium	9-1	26618	26299	25186	26034	2.89	cps
Bismuth	209-1	6402072	6183993	6215264	6267110	1.88	cps
Bismuth	209-2	3299982	3278970	3267182	3282045	0.51	cps
Boron	10-1	23554	23522	22639	23238	2.24	cps
Boron	11-1	100108	99143	95191	98147	2.65	cps
Bromine	81-1	80414	78813	79407	79545	1.02	cps
Cadmium	111-1	2894	2644	2529	2689	6.93	cps
Cadmium	106-1	8403	8386	8211	8333	1.27	cps
Cadmium	108-1	654	721	692	689	4.85	cps
Calcium	43-1	1343523	1310199	1307516	1320413	1.52	cps
Calcium	44-1	20902645	20791702	20403057	20699135	1.27	cps
Carbon	12-1	17474619	17667841	17570937	17571132	0.55	cps
Carbon	12-2	191571	193564	188332	191156	1.38	cps
Chlorine	35-1	1138876	1103154	1104253	1115428	1.82	cps
Chlorine	35-2	7686	7377	6927	7330	5.21	cps
Chromium	52-2	312689	304154	298570	305138	2.33	cps
Cobalt	59-2	340029	328178	320666	329624	2.96	cps
Copper	63-2	561765	549640	536499	549301	2.30	cps
Dysprosium	156-1	556014	553557	537361	548978	1.85	cps
Dysprosium	156-2	207803	205282	199411	204165	2.11	cps
Erbium	164-1	397059	384422	377207	386229	2.60	cps
Erbium	164-2	157909	155860	153538	155769	1.40	cps
Gadolinium	160-1	429603	421500	419068	423390	1.30	cps
Gadolinium	160-2	192429	194834	188548	191937	1.65	cps
Holmium	165-1	11178033	10835323	10713972	10909109	2.21	cps
Holmium	165-2	4838804	4913762	4840965	4864510	0.88	cps
Indium	115-1	9254288	9265053	9150613	9223318	0.69	cps
Indium	115-2	1449692	1487898	1495010	1477533	1.65	cps
Iron	54-2	12739567	12065758	11961036	12255454	3.45	cps
Iron	56-2	235056377	223934077	219485227	226158561	3.55	cps
Iron	57-2	6044129	5608380	5584095	5745535	4.51	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1051	1170	1056	1092	6.15	cps
Lead	206-1	151688	149607	146695	149330	1.68	cps
Lead	207-1	86370	87102	82914	85462	2.62	cps
Lead	208-1	259063	252964	248619	253549	2.07	cps
Lithium	6-1	5577339	5757660	5475780	5603593	2.55	cps
Magnesium	24-2	8336667	8141607	7955082	8144452	2.34	cps
Manganese	55-2	1108269	1075779	1048519	1077522	2.78	cps
Molybdenum	94-1	180230	185367	179652	181750	1.73	cps
Molybdenum	95-1	34878	33541	33190	33870	2.63	cps
Molybdenum	96-1	75522	71653	72650	73275	2.74	cps
Molybdenum	97-1	21484	20399	20357	20746	3.08	cps
Molybdenum	98-1	53462	53136	51730	52776	1.74	cps
Neodymium	150-1	909611	920642	881210	903821	2.25	cps
Neodymium	150-2	286305	280193	271843	279447	2.60	cps
Nickel	60-2	115491	111930	107769	111730	3.46	cps
Phosphorus	31-2	34977	34960	34082	34673	1.47	cps
Potassium	39-2	2744466	2716510	2706563	2722513	0.72	cps
Rhodium	103-1	8865645	8516056	8422467	8601389	2.72	cps
Rhodium	103-2	3760198	3852210	3801137	3804515	1.21	cps
Scandium	45-1	7572161	7331494	7491167	7464941	1.64	cps
Scandium	45-2	231330	233294	233774	232799	0.56	cps
Selenium	82-1	1047	832	1109	996	14.56	cps
Selenium	77-2	1127	1087	993	1069	6.40	cps
Selenium	78-2	888	924	846	886	4.41	cps
Silicon	28-1	10929795	11276928	10952762	11053161	1.76	cps
Silver	107-1	4734	4159	4309	4401	6.78	cps
Silver	109-1	4267	4034	3734	4012	6.67	cps
Sodium	23-2	674358	671011	650081	665150	1.98	cps
Strontium	86-1	278973	279519	269776	276089	1.98	cps
Strontium	88-1	2398330	2438036	2332541	2389636	2.23	cps
Sulfur	34-1	1061676	1086916	1050853	1066482	1.74	cps
Terbium	159-1	11576655	11267297	11351359	11398437	1.40	cps
Terbium	159-2	4961419	4974266	4878078	4937921	1.06	cps
Thallium	203-1	12740	11589	12423	12251	4.85	cps
Thallium	205-1	30545	29134	28557	29412	3.48	cps
Tin	118-1	19014	17695	17603	18104	4.36	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUP	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:43:21	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3330839	3350513	3245805	3309053	1.68	cps
Uranium	238-1	440142	441520	430500	437387	1.37	cps
Vanadium	51-2	668890	650261	645102	654751	1.91	cps
Ytterbium	172-1	119362	116860	117141	117788	1.16	cps
Ytterbium	172-2	56750	56041	53141	55311	3.46	cps
Ytterbium	176-1	76321	74126	73748	74732	1.86	cps
Ytterbium	176-2	44542	43416	43728	43895	1.32	cps
Yttrium	89-1	22031469	22134625	21085124	21750406	2.66	cps
Yttrium	89-2	2423228	2396261	2414888	2411459	0.57	cps
Zinc	66-2	84866	83263	79710	82613	3.19	cps
Zirconium	90-1	436836	449791	439374	442000	1.55	cps
Zirconium	91-1	97198	100957	99161	99105	1.90	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	918949	904819	890492	904753	1.57	cps
Antimony	121-1	950	925	3410	1762	81.03	cps
Arsenic	75-2	612	582	571	588	3.61	cps
Barium	135-1	96703	95654	99880	97412	2.26	cps
Barium	137-1	168511	172071	175033	171872	1.90	cps
Beryllium	9-1	5400	5503	6458	5787	10.08	cps
Bismuth	209-1	6274211	6257109	6314824	6282048	0.47	cps
Bismuth	209-2	3221412	3307216	3298445	3275691	1.44	cps
Boron	10-1	10906	10744	10764	10805	0.82	cps
Boron	11-1	46097	46452	46229	46259	0.39	cps
Bromine	81-1	69524	68379	68256	68720	1.02	cps
Cadmium	111-1	1318	1339	2189	1615	30.78	cps
Cadmium	106-1	5685	5360	5468	5504	3.01	cps
Cadmium	108-1	200	167	263	210	23.20	cps
Calcium	43-1	256083	258517	254341	256314	0.82	cps
Calcium	44-1	4185899	4233917	4133594	4184470	1.20	cps
Carbon	12-1	8250550	8243579	8252917	8249015	0.06	cps
Carbon	12-2	89489	90822	89220	89844	0.95	cps
Chlorine	35-1	859670	855475	842833	852660	1.03	cps
Chlorine	35-2	5676	5651	5826	5718	1.66	cps
Chromium	52-2	63088	60682	59898	61223	2.72	cps
Cobalt	59-2	66886	66221	64027	65711	2.28	cps
Copper	63-2	116538	111266	109294	112366	3.33	cps
Dysprosium	156-1	107742	107743	108465	107983	0.39	cps
Dysprosium	156-2	39505	39786	39194	39495	0.75	cps
Erbium	164-1	74711	73688	74870	74423	0.86	cps
Erbium	164-2	29877	29606	28972	29485	1.58	cps
Gadolinium	160-1	82740	79731	80100	80857	2.03	cps
Gadolinium	160-2	37155	36129	35681	36322	2.08	cps
Holmium	165-1	10245208	10355761	10577409	10392792	1.63	cps
Holmium	165-2	4738429	4623869	4483318	4615205	2.77	cps
Indium	115-1	9147022	8762055	9326203	9078427	3.18	cps
Indium	115-2	1433900	1467607	1452257	1451255	1.16	cps
Iron	54-2	2556609	2422033	2462676	2480439	2.78	cps
Iron	56-2	45768414	46282316	43598538	45216423	3.15	cps
Iron	57-2	1109579	1103155	1063916	1092217	2.26	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	582	560	591	578	2.79	cps
Lead	206-1	30286	30748	38593	33209	14.06	cps
Lead	207-1	18352	17151	25829	20444	23.00	cps
Lead	208-1	51438	50763	68967	57056	18.09	cps
Lithium	6-1	5758443	5595670	5688267	5680794	1.44	cps
Magnesium	24-2	1668850	1630192	1621067	1640036	1.55	cps
Manganese	55-2	217502	213234	206738	212491	2.55	cps
Molybdenum	94-1	34694	35036	41403	37045	10.20	cps
Molybdenum	95-1	6402	6693	14204	9100	48.60	cps
Molybdenum	96-1	14875	15209	23319	17801	26.86	cps
Molybdenum	97-1	4067	3884	8549	5500	48.03	cps
Molybdenum	98-1	10905	10704	21780	14463	43.82	cps
Neodymium	150-1	174129	179453	176339	176640	1.51	cps
Neodymium	150-2	54561	53530	52536	53542	1.89	cps
Nickel	60-2	23553	23099	21286	22646	5.30	cps
Phosphorus	31-2	7194	7035	6860	7030	2.37	cps
Potassium	39-2	560068	562910	535313	552764	2.75	cps
Rhodium	103-1	8468440	8395989	8515114	8459848	0.71	cps
Rhodium	103-2	3851877	3942262	3788377	3860839	2.00	cps
Scandium	45-1	7127051	7095276	7048344	7090224	0.56	cps
Scandium	45-2	226071	223905	221470	223816	1.03	cps
Selenium	82-1	240	231	365	279	26.84	cps
Selenium	77-2	207	173	187	189	8.88	cps
Selenium	78-2	223	209	214	215	3.29	cps
Silicon	28-1	2867881	2863827	2820717	2850809	0.92	cps
Silver	107-1	2692	2225	2142	2353	12.60	cps
Silver	109-1	2575	2250	2275	2367	7.64	cps
Sodium	23-2	142796	139826	138640	140421	1.52	cps
Strontium	86-1	54206	54014	54826	54349	0.78	cps
Strontium	88-1	471906	465375	479975	472419	1.55	cps
Sulfur	34-1	509785	511796	508291	509957	0.34	cps
Terbium	159-1	10677140	10728981	11150723	10852281	2.39	cps
Terbium	159-2	4730447	4600718	4488855	4606673	2.62	cps
Thallium	203-1	2825	2817	4810	3484	32.95	cps
Thallium	205-1	6852	6844	11733	8476	33.28	cps
Tin	118-1	4001	3559	6528	4696	34.12	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577L	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 13:46:20	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	666630	669149	657590	664456	0.91	cps
Uranium	238-1	83173	86051	87988	85737	2.83	cps
Vanadium	51-2	131489	125149	126467	127701	2.62	cps
Ytterbium	172-1	23146	22628	22528	22767	1.46	cps
Ytterbium	172-2	10443	10521	10616	10527	0.82	cps
Ytterbium	176-1	15576	15268	15468	15437	1.01	cps
Ytterbium	176-2	15587	15927	15982	15832	1.35	cps
Yttrium	89-1	16027469	15613185	15844036	15828230	1.31	cps
Yttrium	89-2	1789991	1761534	1732048	1761191	1.65	cps
Zinc	66-2	17364	16440	15896	16567	4.48	cps
Zirconium	90-1	88221	85822	92877	88973	4.03	cps
Zirconium	91-1	18938	19013	20349	19434	4.08	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5513510	5254269	5242421	5336733	2.87	cps
Antimony	121-1	2866722	2907325	2860649	2878232	0.88	cps
Arsenic	75-2	101745	99173	95598	98839	3.12	cps
Barium	135-1	4327659	4376758	4457637	4387351	1.50	cps
Barium	137-1	7487844	7672401	7393064	7517769	1.89	cps
Beryllium	9-1	1473808	1512574	1502723	1496368	1.35	cps
Bismuth	209-1	6050621	5943907	5965133	5986553	0.94	cps
Bismuth	209-2	3177771	3069024	3124649	3123815	1.74	cps
Boron	10-1	227446	233241	233173	231287	1.44	cps
Boron	11-1	916037	901426	919888	912450	1.07	cps
Bromine	81-1	63852	63117	63992	63653	0.74	cps
Cadmium	111-1	864568	867099	868810	866826	0.25	cps
Cadmium	106-1	109099	109339	108375	108938	0.46	cps
Cadmium	108-1	69034	72406	67908	69783	3.35	cps
Calcium	43-1	2655916	2635930	2610776	2634207	0.86	cps
Calcium	44-1	42143391	42597697	40997905	41912998	1.97	cps
Carbon	12-1	15836439	15769462	16308367	15971423	1.84	cps
Carbon	12-2	183552	176897	179412	179953	1.87	cps
Chlorine	35-1	938812	963153	963191	955052	1.47	cps
Chlorine	35-2	7219	7277	7294	7263	0.54	cps
Chromium	52-2	1218910	1179165	1151335	1183137	2.87	cps
Cobalt	59-2	2039555	2023252	1966640	2009816	1.90	cps
Copper	63-2	13183593	12774346	12622154	12860031	2.26	cps
Dysprosium	156-1	552429	566616	561665	560236	1.29	cps
Dysprosium	156-2	209934	210689	204326	208316	1.67	cps
Erbium	164-1	379706	387890	389936	385844	1.40	cps
Erbium	164-2	161608	155500	155605	157571	2.22	cps
Gadolinium	160-1	410932	430399	417711	419681	2.35	cps
Gadolinium	160-2	202009	196285	192680	196991	2.39	cps
Holmium	165-1	10689010	10770695	10854206	10771304	0.77	cps
Holmium	165-2	4846174	4760872	4886682	4831243	1.33	cps
Indium	115-1	8903678	8923297	8947579	8924851	0.25	cps
Indium	115-2	1429591	1424540	1419815	1424649	0.34	cps
Iron	54-2	15289212	14785468	14177259	14750646	3.77	cps
Iron	56-2	272034512	265304600	254274117	263871076	3.40	cps
Iron	57-2	7009662	6696818	6527749	6744743	3.63	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1106	1176	1144	1142	3.07	cps
Lead	206-1	11895853	12023488	11849195	11922845	0.76	cps
Lead	207-1	10438641	10388302	10676245	10501063	1.46	cps
Lead	208-1	24279068	23825024	24423474	24175855	1.29	cps
Lithium	6-1	5642183	5733841	5749345	5708456	1.01	cps
Magnesium	24-2	17397383	16545650	16705529	16882854	2.68	cps
Manganese	55-2	6392004	6281049	6000969	6224674	3.24	cps
Molybdenum	94-1	6370958	6359648	6188190	6306266	1.62	cps
Molybdenum	95-1	6808035	7096673	6801172	6901960	2.44	cps
Molybdenum	96-1	7721347	7880125	7819763	7807078	1.03	cps
Molybdenum	97-1	4205094	4298007	4296086	4266395	1.24	cps
Molybdenum	98-1	11179060	10972711	11327254	11159675	1.60	cps
Neodymium	150-1	881444	912556	899684	897895	1.74	cps
Neodymium	150-2	290385	282259	278957	283867	2.07	cps
Nickel	60-2	539311	527965	522300	529859	1.63	cps
Phosphorus	31-2	39780	38911	38836	39176	1.34	cps
Potassium	39-2	5372257	5205277	5227655	5268396	1.72	cps
Rhodium	103-1	8185791	8112450	8319430	8205890	1.28	cps
Rhodium	103-2	3774340	3646814	3858721	3759958	2.84	cps
Scandium	45-1	7457063	7334610	7306919	7366197	1.08	cps
Scandium	45-2	233907	231348	231064	232106	0.67	cps
Selenium	82-1	80362	79845	79356	79854	0.63	cps
Selenium	77-2	3614	3424	3280	3439	4.86	cps
Selenium	78-2	9241	9079	9063	9128	1.08	cps
Silicon	28-1	32293688	32442250	33765156	32833698	2.47	cps
Silver	107-1	4531433	3006945	3497527	3678635	21.15	cps
Silver	109-1	2971333	3877559	3230286	3359726	13.89	cps
Sodium	23-2	16814749	16327794	16155391	16432644	2.08	cps
Strontium	86-1	1474076	1446453	1430411	1450314	1.52	cps
Strontium	88-1	12425412	12373527	12397242	12398727	0.21	cps
Sulfur	34-1	1018365	1021954	1023326	1021215	0.25	cps
Terbium	159-1	10874222	11169146	11294133	11112500	1.94	cps
Terbium	159-2	4913316	4881345	4805193	4866618	1.14	cps
Thallium	203-1	2831181	2874743	2765058	2823660	1.96	cps
Thallium	205-1	7025211	6887514	6617179	6843301	3.03	cps
Tin	118-1	2742316	2780488	2816127	2779644	1.33	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MS	Instrumnet Name :	P8
Client Sample ID :	1574-1577MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:49:27	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6202659	6009796	5913034	6041830	2.44	cps
Uranium	238-1	9302265	9315585	9206466	9274772	0.64	cps
Vanadium	51-2	1482363	1433629	1429251	1448414	2.04	cps
Ytterbium	172-1	115815	116757	114655	115742	0.91	cps
Ytterbium	172-2	58547	56131	54747	56475	3.41	cps
Ytterbium	176-1	77621	80914	79323	79286	2.08	cps
Ytterbium	176-2	49197	45941	47770	47636	3.43	cps
Yttrium	89-1	21673286	21566331	21319050	21519556	0.84	cps
Yttrium	89-2	2439108	2351199	2449879	2413395	2.24	cps
Zinc	66-2	1663329	1620651	1570457	1618146	2.87	cps
Zirconium	90-1	6533218	6506706	6463644	6501190	0.54	cps
Zirconium	91-1	1496067	1482233	1422878	1467059	2.65	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3301193	3203393	3227628	3244071	1.57	cps
Antimony	121-1	2864850	2906957	2811577	2861128	1.67	cps
Arsenic	75-2	92278	89834	88773	90295	1.99	cps
Barium	135-1	4109122	4015478	4009617	4044739	1.38	cps
Barium	137-1	6930937	6993214	6776575	6900242	1.62	cps
Beryllium	9-1	1478883	1457377	1473239	1469833	0.76	cps
Bismuth	209-1	5261409	5297840	5470380	5343210	2.09	cps
Bismuth	209-2	2903625	2898697	2904276	2902200	0.11	cps
Boron	10-1	587578	630207	617992	611926	3.59	cps
Boron	11-1	2270805	2439806	2441222	2383944	4.11	cps
Bromine	81-1	62996	59317	60211	60841	3.15	cps
Cadmium	111-1	847949	862489	848971	853136	0.95	cps
Cadmium	106-1	103975	107384	106671	106010	1.70	cps
Cadmium	108-1	71325	71635	72054	71671	0.51	cps
Calcium	43-1	6647402	6397707	6418587	6487899	2.14	cps
Calcium	44-1	104822892	103947939	102077788	103616206	1.35	cps
Carbon	12-1	7764974	8025287	8005212	7931825	1.83	cps
Carbon	12-2	92088	93196	91669	92317	0.85	cps
Chlorine	35-1	633965	618812	611180	621319	1.87	cps
Chlorine	35-2	4059	4251	4076	4128	2.57	cps
Chromium	52-2	956264	932831	914992	934696	2.21	cps
Cobalt	59-2	1718358	1692536	1640630	1683841	2.35	cps
Copper	63-2	13570565	13256866	13146983	13324805	1.65	cps
Dysprosium	156-1	750	775	858	794	7.14	cps
Dysprosium	156-2	443	323	353	373	16.73	cps
Erbium	164-1	192	175	192	186	5.17	cps
Erbium	164-2	73	77	70	73	4.55	cps
Gadolinium	160-1	792	625	850	756	15.45	cps
Gadolinium	160-2	490	540	400	477	14.88	cps
Holmium	165-1	9904650	9492647	9940428	9779242	2.54	cps
Holmium	165-2	4451362	4473602	4536479	4487148	0.98	cps
Indium	115-1	8034755	8145137	8226421	8135438	1.18	cps
Indium	115-2	1338616	1337952	1347900	1341489	0.41	cps
Iron	54-2	11203363	10878313	10651757	10911144	2.54	cps
Iron	56-2	199286399	194229271	194353493	195956388	1.47	cps
Iron	57-2	5044298	4938591	4954228	4979039	1.15	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	445	497	470	471	5.58	cps
Lead	206-1	11993541	11674406	12431091	12033013	3.16	cps
Lead	207-1	10614216	10607595	10962912	10728241	1.89	cps
Lead	208-1	24676214	25114845	25187047	24992702	1.11	cps
Lithium	6-1	5354397	5159886	5283929	5266071	1.87	cps
Magnesium	24-2	43204796	42431923	43277344	42971354	1.09	cps
Manganese	55-2	5522298	5303517	5314940	5380252	2.29	cps
Molybdenum	94-1	12534345	12613152	12741169	12629555	0.83	cps
Molybdenum	95-1	17770190	18231758	18004180	18002043	1.28	cps
Molybdenum	96-1	19754843	20012978	19426496	19731439	1.49	cps
Molybdenum	97-1	10946409	11192178	11199508	11112699	1.30	cps
Molybdenum	98-1	28628082	29701932	28563074	28964362	2.21	cps
Neodymium	150-1	493	560	567	540	7.51	cps
Neodymium	150-2	57	67	80	68	17.27	cps
Nickel	60-2	461592	455396	439793	452260	2.48	cps
Phosphorus	31-2	38903	38861	37031	38265	2.79	cps
Potassium	39-2	15797129	15752840	15414112	15654694	1.34	cps
Rhodium	103-1	7392887	7583094	7577103	7517695	1.44	cps
Rhodium	103-2	3354973	3464278	3446950	3422067	1.72	cps
Scandium	45-1	6622068	6622292	6587598	6610653	0.30	cps
Scandium	45-2	214146	213983	213974	214034	0.05	cps
Selenium	82-1	76797	78410	77418	77542	1.05	cps
Selenium	77-2	2600	2330	2247	2392	7.72	cps
Selenium	78-2	8298	8124	8198	8207	1.06	cps
Silicon	28-1	46689953	46918553	46807331	46805279	0.24	cps
Silver	107-1	4609486	4592385	4656000	4619290	0.71	cps
Silver	109-1	4304668	4345412	4308452	4319511	0.52	cps
Sodium	23-2	78979321	78573902	80647216	79400146	1.38	cps
Strontium	86-1	31438049	31133449	30352757	30974751	1.81	cps
Strontium	88-1	265116614	269632089	278564790	271104498	2.52	cps
Sulfur	34-1	866192	870679	882442	873104	0.96	cps
Terbium	159-1	10348997	10605770	10053365	10336044	2.67	cps
Terbium	159-2	4526994	4504366	4504348	4511902	0.29	cps
Thallium	203-1	2915398	2790159	2861865	2855808	2.20	cps
Thallium	205-1	6839214	6815802	6977716	6877577	1.27	cps
Tin	118-1	2855977	2855121	2862776	2857958	0.15	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 13:53:33	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6026156	5947598	5954926	5976227	0.73	cps
Uranium	238-1	9148381	9097722	9260979	9169027	0.91	cps
Vanadium	51-2	782738	761416	765020	769725	1.48	cps
Ytterbium	172-1	317	383	450	383	17.39	cps
Ytterbium	172-2	122	150	167	146	15.35	cps
Ytterbium	176-1	14467	14951	14625	14681	1.68	cps
Ytterbium	176-2	14102	14558	14642	14434	2.01	cps
Yttrium	89-1	13603903	13748620	13599709	13650744	0.62	cps
Yttrium	89-2	1552308	1566235	1580927	1566490	0.91	cps
Zinc	66-2	1605047	1567601	1558199	1576949	1.57	cps
Zirconium	90-1	6523209	6476409	6479007	6492875	0.41	cps
Zirconium	91-1	1498285	1476584	1476307	1483726	0.85	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184	134	139	152	18.11	cps
Antimony	121-1	633	675	942	750	22.31	cps
Arsenic	75-2	9	2	6	6	61.97	cps
Barium	135-1	67	92	83	81	15.80	cps
Barium	137-1	92	75	208	125	58.12	cps
Beryllium	9-1	240	249	267	252	5.57	cps
Bismuth	209-1	6164351	5868328	6023727	6018802	2.46	cps
Bismuth	209-2	3187331	3287367	3199020	3224573	1.70	cps
Boron	10-1	10908	10144	10464	10505	3.65	cps
Boron	11-1	44928	43646	43489	44021	1.79	cps
Bromine	81-1	62535	61388	61208	61710	1.17	cps
Cadmium	111-1	781	829	900	837	7.14	cps
Cadmium	106-1	3834	4026	4276	4045	5.48	cps
Cadmium	108-1	21	38	25	28	31.23	cps
Calcium	43-1	154	165	240	186	25.17	cps
Calcium	44-1	9853	9959	11234	10349	7.43	cps
Carbon	12-1	6116986	6230418	6228531	6191978	1.05	cps
Carbon	12-2	66367	67598	67397	67121	0.98	cps
Chlorine	35-1	475643	472405	472558	473535	0.39	cps
Chlorine	35-2	3242	3192	3726	3387	8.70	cps
Chromium	52-2	600	637	640	626	3.55	cps
Cobalt	59-2	83	83	77	81	4.74	cps
Copper	63-2	1070	1060	997	1042	3.82	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	83	100	100	94	10.18	cps
Erbium	164-2	30	27	23	27	12.51	cps
Gadolinium	160-1	42	25	100	56	70.88	cps
Gadolinium	160-2	120	117	100	112	9.55	cps
Holmium	165-1	9861873	9941767	9877790	9893810	0.43	cps
Holmium	165-2	4391533	4537569	4567918	4499007	2.10	cps
Indium	115-1	8947498	8654860	8913710	8838690	1.81	cps
Indium	115-2	1445379	1396459	1411520	1417786	1.77	cps
Iron	54-2	1006	856	783	882	12.86	cps
Iron	56-2	9514	7841	7174	8177	14.75	cps
Iron	57-2	200	267	267	244	15.74	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	440	441	428	5.15	cps
Lead	206-1	811	678	928	806	15.53	cps
Lead	207-1	700	556	650	635	11.55	cps
Lead	208-1	1495	1500	1706	1567	7.68	cps
Lithium	6-1	5628119	5536262	5576880	5580420	0.82	cps
Magnesium	24-2	1183	683	800	889	29.43	cps
Manganese	55-2	230	177	140	182	24.84	cps
Molybdenum	94-1	517	417	542	492	13.45	cps
Molybdenum	95-1	367	350	592	436	30.95	cps
Molybdenum	96-1	558	442	683	561	21.54	cps
Molybdenum	97-1	217	217	317	250	23.09	cps
Molybdenum	98-1	558	475	833	622	30.14	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	17	3	0	7	132.33	cps
Nickel	60-2	47	60	40	49	20.83	cps
Phosphorus	31-2	50	75	42	56	31.22	cps
Potassium	39-2	20548	19731	20039	20106	2.05	cps
Rhodium	103-1	8455363	8147913	8214288	8272522	1.96	cps
Rhodium	103-2	3820617	3761825	3739282	3773908	1.11	cps
Scandium	45-1	6811382	6845528	6818891	6825267	0.26	cps
Scandium	45-2	215829	215190	212210	214410	0.90	cps
Selenium	82-1	10	-52	11	-10	-349.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	68	64	68	67	3.46	cps
Silicon	28-1	701669	706575	701003	703082	0.43	cps
Silver	107-1	2792	2359	2575	2575	8.41	cps
Silver	109-1	2584	2417	2259	2420	6.72	cps
Sodium	23-2	16927	17085	17511	17174	1.76	cps
Strontium	86-1	758	933	1000	897	13.91	cps
Strontium	88-1	1350	2009	3742	2367	52.21	cps
Sulfur	34-1	338570	341602	343232	341135	0.69	cps
Terbium	159-1	10560385	10333983	10201471	10365279	1.75	cps
Terbium	159-2	4511975	4523071	4477577	4504208	0.53	cps
Thallium	203-1	633	408	483	508	22.54	cps
Thallium	205-1	1183	975	1150	1103	10.15	cps
Tin	118-1	467	742	658	622	22.66	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:02:38	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	283	408	322	23.18	cps
Uranium	238-1	125	83	208	139	45.82	cps
Vanadium	51-2	33	23	20	26	27.15	cps
Ytterbium	172-1	50	75	75	67	21.65	cps
Ytterbium	172-2	11	33	39	28	52.92	cps
Ytterbium	176-1	1517	1300	1342	1386	8.29	cps
Ytterbium	176-2	8759	8642	8820	8740	1.03	cps
Yttrium	89-1	14029996	13554956	13943681	13842878	1.83	cps
Yttrium	89-2	1614151	1570411	1551926	1578830	2.02	cps
Zinc	66-2	323	260	263	282	12.63	cps
Zirconium	90-1	758	550	875	728	22.62	cps
Zirconium	91-1	150	125	192	156	21.65	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5413181	5472639	5265620	5383813	1.98	cps
Antimony	121-1	2891399	2847401	2910545	2883115	1.12	cps
Arsenic	75-2	101179	99894	97762	99612	1.73	cps
Barium	135-1	4348263	4330325	4316589	4331725	0.37	cps
Barium	137-1	7484083	7461971	7587732	7511262	0.89	cps
Beryllium	9-1	1555147	1531953	1520337	1535812	1.15	cps
Bismuth	209-1	6034105	5952819	5906147	5964357	1.09	cps
Bismuth	209-2	3032282	3020632	3165452	3072789	2.62	cps
Boron	10-1	233723	240849	241585	238719	1.82	cps
Boron	11-1	899692	972008	926989	932897	3.91	cps
Bromine	81-1	62877	61679	62423	62326	0.97	cps
Cadmium	111-1	855005	860884	870530	862139	0.91	cps
Cadmium	106-1	110902	109434	110879	110405	0.76	cps
Cadmium	108-1	71404	70412	69055	70291	1.68	cps
Calcium	43-1	2618653	2706992	2734939	2686861	2.26	cps
Calcium	44-1	42584357	42562456	43118425	42755079	0.74	cps
Carbon	12-1	16268728	16806306	16684381	16586472	1.70	cps
Carbon	12-2	183867	185706	185714	185096	0.57	cps
Chlorine	35-1	695661	722830	729277	715923	2.49	cps
Chlorine	35-2	5510	5343	6010	5621	6.18	cps
Chromium	52-2	1221213	1207967	1169938	1199706	2.22	cps
Cobalt	59-2	2016801	2030857	1970581	2006080	1.57	cps
Copper	63-2	12883656	13013226	12823624	12906835	0.75	cps
Dysprosium	156-1	557732	566531	565775	563346	0.87	cps
Dysprosium	156-2	217140	213872	208565	213192	2.03	cps
Erbium	164-1	395637	390696	391915	392750	0.66	cps
Erbium	164-2	164784	162240	157895	161640	2.16	cps
Gadolinium	160-1	422689	422388	428094	424390	0.76	cps
Gadolinium	160-2	204001	197795	194352	198716	2.46	cps
Holmium	165-1	10882496	10812008	10657266	10783923	1.07	cps
Holmium	165-2	4529109	4701689	4779898	4670232	2.75	cps
Indium	115-1	8915677	9008742	8990642	8971687	0.55	cps
Indium	115-2	1353141	1344698	1420660	1372833	3.03	cps
Iron	54-2	14911288	15105156	14549900	14855448	1.90	cps
Iron	56-2	272718051	267931767	258961356	266537058	2.62	cps
Iron	57-2	6734546	6772160	6545711	6684139	1.82	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1229	1201	1174	1201	2.29	cps
Lead	206-1	11689925	11546890	11757071	11664629	0.92	cps
Lead	207-1	10037013	10230862	10023201	10097025	1.15	cps
Lead	208-1	23740408	23970918	23070672	23593999	1.98	cps
Lithium	6-1	5585028	5781063	5735687	5700593	1.80	cps
Magnesium	24-2	17317946	16899284	16577116	16931448	2.19	cps
Manganese	55-2	6412622	6319930	6015077	6249210	3.33	cps
Molybdenum	94-1	6267443	6131908	6448571	6282641	2.53	cps
Molybdenum	95-1	6905231	6832958	7037176	6925122	1.50	cps
Molybdenum	96-1	7865739	7959069	7889618	7904809	0.61	cps
Molybdenum	97-1	4199251	4322031	4243187	4254823	1.46	cps
Molybdenum	98-1	10784669	10938809	10979647	10901042	0.94	cps
Neodymium	150-1	902802	892463	902811	899359	0.66	cps
Neodymium	150-2	303838	290294	282403	292178	3.71	cps
Nickel	60-2	547830	546901	521634	538788	2.76	cps
Phosphorus	31-2	40365	41109	39137	40204	2.48	cps
Potassium	39-2	5333758	5350971	5270383	5318371	0.80	cps
Rhodium	103-1	8272191	8085852	8170438	8176160	1.14	cps
Rhodium	103-2	3455596	3432178	3653045	3513606	3.45	cps
Scandium	45-1	7436081	7477413	7641325	7518273	1.44	cps
Scandium	45-2	217710	223200	227640	222850	2.23	cps
Selenium	82-1	80385	80000	79444	79943	0.59	cps
Selenium	77-2	3681	3480	3380	3514	4.35	cps
Selenium	78-2	9494	9314	8839	9216	3.67	cps
Silicon	28-1	34506685	33178987	31842889	33176187	4.01	cps
Silver	107-1	3784876	3978046	3165714	3642878	11.65	cps
Silver	109-1	2879768	3776381	3309316	3321822	13.50	cps
Sodium	23-2	16658358	16509374	16325487	16497740	1.01	cps
Strontium	86-1	1482700	1496981	1462621	1480767	1.17	cps
Strontium	88-1	12502475	12605356	12369139	12492323	0.95	cps
Sulfur	34-1	1040884	1046998	1044471	1044117	0.29	cps
Terbium	159-1	10825445	11312592	11213353	11117130	2.32	cps
Terbium	159-2	4476336	4547049	4732911	4585432	2.89	cps
Thallium	203-1	2824482	2811045	2845734	2827087	0.62	cps
Thallium	205-1	6842050	6611029	6576006	6676362	2.17	cps
Tin	118-1	2748678	2688011	2757749	2731480	1.39	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSD	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:05:47	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6158196	6194506	6110847	6154516	0.68	cps
Uranium	238-1	9499157	9491469	9033556	9341394	2.85	cps
Vanadium	51-2	1464976	1443993	1402007	1436992	2.23	cps
Ytterbium	172-1	116226	117261	114840	116109	1.05	cps
Ytterbium	172-2	57793	57040	54195	56342	3.37	cps
Ytterbium	176-1	80111	79431	77981	79174	1.37	cps
Ytterbium	176-2	48038	48166	48367	48190	0.34	cps
Yttrium	89-1	21499457	21810371	21292866	21534232	1.21	cps
Yttrium	89-2	2273760	2289691	2392349	2318600	2.78	cps
Zinc	66-2	1660939	1670863	1600493	1644099	2.32	cps
Zirconium	90-1	6580525	6586495	6533392	6566804	0.44	cps
Zirconium	91-1	1510338	1487887	1499082	1499102	0.75	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5634039	5481999	5204656	5440232	4.00	cps
Antimony	121-1	2883261	2974371	2916670	2924767	1.58	cps
Arsenic	75-2	102215	99822	97582	99873	2.32	cps
Barium	135-1	4459385	4361010	4246127	4355507	2.45	cps
Barium	137-1	7639862	7441206	7458542	7513203	1.46	cps
Beryllium	9-1	1574744	1564737	1518852	1552778	1.92	cps
Bismuth	209-1	5872882	6040360	5866217	5926486	1.66	cps
Bismuth	209-2	3169493	3078052	3198330	3148625	1.99	cps
Boron	10-1	247871	243608	248235	246572	1.04	cps
Boron	11-1	956352	994646	992179	981059	2.18	cps
Bromine	81-1	63841	63802	63700	63781	0.11	cps
Cadmium	111-1	879056	867743	872653	873151	0.65	cps
Cadmium	106-1	109744	107745	110618	109369	1.35	cps
Cadmium	108-1	71840	72313	69294	71149	2.28	cps
Calcium	43-1	2662299	2700358	2554616	2639091	2.86	cps
Calcium	44-1	43244654	43348490	41966267	42853137	1.80	cps
Carbon	12-1	16391824	16804281	16848157	16681421	1.51	cps
Carbon	12-2	190120	189881	184357	188120	1.73	cps
Chlorine	35-1	725705	736827	738046	733526	0.93	cps
Chlorine	35-2	5785	5284	5143	5404	6.24	cps
Chromium	52-2	1221422	1206361	1158700	1195495	2.74	cps
Cobalt	59-2	2079608	2035725	1975068	2030133	2.59	cps
Copper	63-2	13443984	12774381	12562591	12926985	3.56	cps
Dysprosium	156-1	569682	570913	555950	565515	1.47	cps
Dysprosium	156-2	213920	211602	206395	210639	1.83	cps
Erbium	164-1	393063	401067	383675	392602	2.22	cps
Erbium	164-2	163651	161485	158768	161301	1.52	cps
Gadolinium	160-1	430076	428526	422266	426956	0.97	cps
Gadolinium	160-2	201498	196997	191745	196746	2.48	cps
Holmium	165-1	10909049	11141133	10615429	10888537	2.42	cps
Holmium	165-2	4890044	4862466	4781468	4844660	1.16	cps
Indium	115-1	8945315	8888535	8622051	8818634	1.96	cps
Indium	115-2	1455517	1429497	1428234	1437749	1.07	cps
Iron	54-2	15271924	14911864	14879160	15020983	1.45	cps
Iron	56-2	278339862	267219612	263131495	269563656	2.92	cps
Iron	57-2	6953794	6848461	6547905	6783387	3.10	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1134	1115	1176	1142	2.75	cps
Lead	206-1	11634107	11495364	11591820	11573763	0.61	cps
Lead	207-1	9876429	10063636	10036856	9992307	1.01	cps
Lead	208-1	23014688	24047868	23689786	23584114	2.22	cps
Lithium	6-1	5745631	5833595	5731222	5770149	0.96	cps
Magnesium	24-2	17524466	17557500	16640324	17240763	3.02	cps
Manganese	55-2	6522676	6325744	6205705	6351375	2.52	cps
Molybdenum	94-1	6406531	6345136	6338381	6363349	0.59	cps
Molybdenum	95-1	6885882	7070703	6914816	6957133	1.43	cps
Molybdenum	96-1	7691376	8040540	7697516	7809811	2.56	cps
Molybdenum	97-1	4353275	4259513	4293830	4302206	1.10	cps
Molybdenum	98-1	11230895	10977877	11007343	11072038	1.25	cps
Neodymium	150-1	915826	911169	892919	906638	1.34	cps
Neodymium	150-2	296598	292374	281937	290303	2.60	cps
Nickel	60-2	548358	533486	523858	535234	2.31	cps
Phosphorus	31-2	41761	40165	39154	40360	3.26	cps
Potassium	39-2	5534157	5415226	5190064	5379816	3.25	cps
Rhodium	103-1	8233629	8335416	8241365	8270137	0.69	cps
Rhodium	103-2	3692042	3766901	3643034	3700659	1.69	cps
Scandium	45-1	7521496	7509426	7531405	7520776	0.15	cps
Scandium	45-2	237005	236905	233169	235693	0.93	cps
Selenium	82-1	80876	81401	79969	80749	0.90	cps
Selenium	77-2	3400	3547	3097	3348	6.86	cps
Selenium	78-2	9486	9253	8911	9217	3.14	cps
Silicon	28-1	34321326	35443753	34147389	34637489	2.03	cps
Silver	107-1	4266980	4644912	3978028	4296640	7.78	cps
Silver	109-1	4196461	4416803	3887727	4166997	6.38	cps
Sodium	23-2	17473786	16653258	15877987	16668344	4.79	cps
Strontium	86-1	1478733	1498798	1433170	1470234	2.29	cps
Strontium	88-1	12774980	12428912	12387694	12530529	1.70	cps
Sulfur	34-1	1060339	1057361	1068683	1062128	0.55	cps
Terbium	159-1	11299936	11095474	10840985	11078798	2.08	cps
Terbium	159-2	4748276	4693549	4771288	4737704	0.84	cps
Thallium	203-1	2852952	2781728	2796108	2810263	1.34	cps
Thallium	205-1	6658256	6681707	6585586	6641850	0.75	cps
Tin	118-1	2718983	2799784	2751510	2756759	1.47	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02A	Instrumnet Name :	P8
Client Sample ID :	1574-1577A	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:08:46	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6253033	6234762	6221934	6236576	0.25	cps
Uranium	238-1	8929022	9214005	9283802	9142276	2.06	cps
Vanadium	51-2	1481147	1492417	1390911	1454825	3.82	cps
Ytterbium	172-1	117815	121926	114477	118073	3.16	cps
Ytterbium	172-2	55712	56817	55014	55847	1.63	cps
Ytterbium	176-1	79523	81552	78652	79909	1.86	cps
Ytterbium	176-2	47887	46510	47714	47370	1.58	cps
Yttrium	89-1	21663039	21504901	21515492	21561144	0.41	cps
Yttrium	89-2	2418650	2394426	2373405	2395494	0.95	cps
Zinc	66-2	1701202	1647439	1585168	1644603	3.53	cps
Zirconium	90-1	6629352	6597867	6442992	6556737	1.52	cps
Zirconium	91-1	1476708	1463058	1466716	1468827	0.48	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1840	1871	1741	1817	3.73	cps
Antimony	121-1	4301	4843	5326	4823	10.64	cps
Arsenic	75-2	179	180	177	179	0.85	cps
Barium	135-1	408	1150	517	692	57.92	cps
Barium	137-1	1000	1942	1067	1336	39.33	cps
Beryllium	9-1	421	614	435	490	21.92	cps
Bismuth	209-1	6549262	6554481	6721001	6608248	1.48	cps
Bismuth	209-2	3482017	3507957	3442555	3477509	0.95	cps
Boron	10-1	550707	563524	547539	553923	1.53	cps
Boron	11-1	2209999	2236759	2172514	2206424	1.46	cps
Bromine	81-1	67753	67665	66457	67292	1.08	cps
Cadmium	111-1	981	1158	971	1037	10.13	cps
Cadmium	106-1	5051	5034	4759	4948	3.31	cps
Cadmium	108-1	250	225	175	217	17.63	cps
Calcium	43-1	70752	70236	69760	70250	0.71	cps
Calcium	44-1	1267831	1237040	1214565	1239812	2.16	cps
Carbon	12-1	965216755	1031069590	1034071423	1010119256	3.85	cps
Carbon	12-2	9616601	9690415	9572206	9626407	0.62	cps
Chlorine	35-1	464590	480313	481508	475470	1.99	cps
Chlorine	35-2	3609	3484	3426	3506	2.67	cps
Chromium	52-2	1210	1143	1143	1166	3.30	cps
Cobalt	59-2	187	197	197	193	2.99	cps
Copper	63-2	5111	5151	4564	4942	6.63	cps
Dysprosium	156-1	42	75	33	50	44.10	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	75	100	67	81	21.53	cps
Erbium	164-2	60	57	40	52	20.52	cps
Gadolinium	160-1	58	117	75	83	36.06	cps
Gadolinium	160-2	120	153	123	132	13.89	cps
Holmium	165-1	10654011	10687473	10627186	10656223	0.28	cps
Holmium	165-2	4816010	4918786	4783241	4839346	1.46	cps
Indium	115-1	9367247	9431468	9588877	9462530	1.21	cps
Indium	115-2	1566903	1559530	1549153	1558529	0.57	cps
Iron	54-2	3356	3289	2811	3152	9.42	cps
Iron	56-2	51347	51463	46644	49818	5.52	cps
Iron	57-2	1550	1500	1350	1467	7.10	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	406	402	402	0.93	cps
Lead	206-1	1978	3217	1945	2380	30.48	cps
Lead	207-1	1678	2889	1489	2019	37.64	cps
Lead	208-1	3990	6414	3756	4720	31.18	cps
Lithium	6-1	5934914	6137219	5981395	6017843	1.76	cps
Magnesium	24-2	426395	429494	414060	423316	1.93	cps
Manganese	55-2	1433	1410	1370	1405	2.28	cps
Molybdenum	94-1	2209	3609	4676	3498	35.38	cps
Molybdenum	95-1	2409	3151	2017	2525	22.80	cps
Molybdenum	96-1	2617	3801	3200	3206	18.46	cps
Molybdenum	97-1	1383	1817	1417	1539	15.67	cps
Molybdenum	98-1	3501	5043	3601	4048	21.32	cps
Neodymium	150-1	40	167	13	73	111.72	cps
Neodymium	150-2	17	27	20	21	24.12	cps
Nickel	60-2	423	450	397	423	6.30	cps
Phosphorus	31-2	2342	2534	2034	2303	10.96	cps
Potassium	39-2	27051	26433	26258	26580	1.57	cps
Rhodium	103-1	8995741	9195071	9102903	9097905	1.10	cps
Rhodium	103-2	4218071	4131047	4168853	4172657	1.05	cps
Scandium	45-1	7205631	7203778	7329684	7246364	1.00	cps
Scandium	45-2	231831	229610	232200	231213	0.61	cps
Selenium	82-1	315	534	582	477	29.86	cps
Selenium	77-2	23	13	13	17	34.65	cps
Selenium	78-2	162	140	135	146	9.86	cps
Silicon	28-1	7564080	7840583	7940174	7781612	2.50	cps
Silver	107-1	2459	1992	1742	2064	17.63	cps
Silver	109-1	10419	1992	1608	4673	106.56	cps
Sodium	23-2	240475	240956	234417	238616	1.53	cps
Strontium	86-1	2809	3292	3059	3053	7.92	cps
Strontium	88-1	21901	22794	21550	22082	2.90	cps
Sulfur	34-1	461390	446488	448506	452128	1.79	cps
Terbium	159-1	11120932	11135257	11260062	11172084	0.68	cps
Terbium	159-2	4854556	4878735	4910834	4881375	0.58	cps
Thallium	203-1	867	992	558	806	27.69	cps
Thallium	205-1	1675	2542	1717	1978	24.72	cps
Tin	118-1	2259	2509	2092	2286	9.17	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1437-03DL2X25	Instrumnet Name :	P8
Client Sample ID :	31956DL2	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:11:42	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	1934	1000	1325	39.80	cps
Uranium	238-1	708	1925	758	1131	60.90	cps
Vanadium	51-2	267	343	250	287	17.36	cps
Ytterbium	172-1	75	75	92	81	11.95	cps
Ytterbium	172-2	44	44	61	50	19.24	cps
Ytterbium	176-1	1492	1558	1525	1525	2.19	cps
Ytterbium	176-2	8825	9565	9932	9441	5.97	cps
Yttrium	89-1	15062457	14999761	15128114	15063444	0.43	cps
Yttrium	89-2	1670291	1686579	1739766	1698879	2.14	cps
Zinc	66-2	98601	97110	94191	96634	2.32	cps
Zirconium	90-1	2242	5226	8962	5477	61.48	cps
Zirconium	91-1	508	1083	2142	1245	66.58	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916511	898746	898274	904510	1.15	cps
Antimony	121-1	908	967	1242	1039	17.14	cps
Arsenic	75-2	569	627	598	598	4.85	cps
Barium	135-1	91016	94177	92459	92550	1.71	cps
Barium	137-1	162237	161526	160580	161447	0.51	cps
Beryllium	9-1	5473	5405	5404	5427	0.72	cps
Bismuth	209-1	6293208	6149341	6019955	6154168	2.22	cps
Bismuth	209-2	3326316	3237319	3239409	3267682	1.55	cps
Boron	10-1	27695	26364	25379	26479	4.39	cps
Boron	11-1	118240	112669	105787	112232	5.56	cps
Bromine	81-1	63751	63801	64214	63922	0.40	cps
Cadmium	111-1	1197	1138	1164	1166	2.54	cps
Cadmium	106-1	5276	5068	4959	5101	3.16	cps
Cadmium	108-1	238	304	254	265	13.08	cps
Calcium	43-1	255184	250117	249061	251454	1.30	cps
Calcium	44-1	4214315	3962787	4048289	4075130	3.14	cps
Carbon	12-1	56916939	51578625	47615646	52037070	8.97	cps
Carbon	12-2	466059	436306	409231	437199	6.50	cps
Chlorine	35-1	454425	448100	449488	450671	0.74	cps
Chlorine	35-2	2984	3217	3017	3073	4.11	cps
Chromium	52-2	61750	61341	59872	60987	1.62	cps
Cobalt	59-2	65822	65718	63531	65024	1.99	cps
Copper	63-2	111662	111709	109321	110897	1.23	cps
Dysprosium	156-1	106751	106591	103963	105769	1.48	cps
Dysprosium	156-2	38362	39859	39271	39164	1.93	cps
Erbium	164-1	72817	71879	71418	72038	0.99	cps
Erbium	164-2	29406	29573	29219	29399	0.60	cps
Gadolinium	160-1	80025	80024	78314	79454	1.24	cps
Gadolinium	160-2	36029	36998	36660	36562	1.35	cps
Holmium	165-1	10122265	10170379	10370520	10221055	1.29	cps
Holmium	165-2	4765601	4720660	4699898	4728720	0.71	cps
Indium	115-1	8915851	8974105	9065178	8985045	0.84	cps
Indium	115-2	1476091	1475990	1495953	1482678	0.78	cps
Iron	54-2	2519823	2530996	2487776	2512865	0.89	cps
Iron	56-2	44972976	44036659	44918759	44642798	1.18	cps
Iron	57-2	1104137	1074201	1073771	1084037	1.61	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	539	582	565	4.06	cps
Lead	206-1	29294	28955	28888	29046	0.75	cps
Lead	207-1	17117	17662	17240	17340	1.65	cps
Lead	208-1	49542	51555	51081	50726	2.07	cps
Lithium	6-1	5768876	5392646	5486568	5549363	3.53	cps
Magnesium	24-2	1663967	1607725	1620300	1630664	1.81	cps
Manganese	55-2	210322	212789	206959	210024	1.39	cps
Molybdenum	94-1	33441	34802	33926	34056	2.03	cps
Molybdenum	95-1	6293	6602	6502	6466	2.43	cps
Molybdenum	96-1	14616	13899	14208	14241	2.53	cps
Molybdenum	97-1	3834	3651	4167	3884	6.75	cps
Molybdenum	98-1	10546	10504	10021	10357	2.82	cps
Neodymium	150-1	170689	171295	174070	172018	1.05	cps
Neodymium	150-2	54812	53115	53898	53942	1.57	cps
Nickel	60-2	22692	22331	22171	22398	1.19	cps
Phosphorus	31-2	6560	6368	6868	6599	3.82	cps
Potassium	39-2	554030	552383	545173	550528	0.86	cps
Rhodium	103-1	8631638	8456219	8591245	8559701	1.07	cps
Rhodium	103-2	3738372	3930027	3937746	3868715	2.92	cps
Scandium	45-1	7080329	6915267	7076498	7024031	1.34	cps
Scandium	45-2	224714	221819	219893	222142	1.09	cps
Selenium	82-1	397	490	324	404	20.63	cps
Selenium	77-2	220	173	203	199	11.89	cps
Selenium	78-2	267	272	266	268	1.20	cps
Silicon	28-1	3059752	2967502	2873154	2966803	3.14	cps
Silver	107-1	2759	2900	2742	2800	3.11	cps
Silver	109-1	2634	2925	6143	3901	49.92	cps
Sodium	23-2	144649	141131	140406	142062	1.60	cps
Strontium	86-1	52725	52399	51847	52324	0.85	cps
Strontium	88-1	456007	457995	453835	455945	0.46	cps
Sulfur	34-1	510775	511019	505121	508972	0.66	cps
Terbium	159-1	10647747	10883814	10914893	10815485	1.35	cps
Terbium	159-2	4632161	4633073	4660957	4642063	0.35	cps
Thallium	203-1	2734	2475	2434	2548	6.38	cps
Thallium	205-1	6727	6577	6660	6655	1.13	cps
Tin	118-1	3934	3776	3826	3845	2.11	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:14:51	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	644250	647933	641536	644573	0.50	cps
Uranium	238-1	81663	81311	80573	81183	0.69	cps
Vanadium	51-2	130149	128485	124510	127715	2.27	cps
Ytterbium	172-1	21793	22653	21652	22033	2.46	cps
Ytterbium	172-2	10282	10137	10538	10319	1.96	cps
Ytterbium	176-1	14659	15801	15226	15229	3.75	cps
Ytterbium	176-2	16700	15943	16349	16331	2.32	cps
Yttrium	89-1	15801142	15699285	15610027	15703485	0.61	cps
Yttrium	89-2	1841788	1789090	1793413	1808097	1.62	cps
Zinc	66-2	16870	17261	16757	16962	1.56	cps
Zirconium	90-1	82654	83744	81547	82648	1.33	cps
Zirconium	91-1	18496	17887	17328	17904	3.26	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172132	170380	165974	169495	1.87	cps
Antimony	121-1	1117	1634	1008	1253	26.66	cps
Arsenic	75-2	111	107	101	106	4.73	cps
Barium	135-1	18813	20282	18071	19056	5.91	cps
Barium	137-1	33300	33936	31922	33053	3.11	cps
Beryllium	9-1	1509	1642	1480	1544	5.62	cps
Bismuth	209-1	5714805	6199589	6008834	5974409	4.09	cps
Bismuth	209-2	3395976	3274259	3277334	3315856	2.09	cps
Boron	10-1	15607	15333	14588	15176	3.47	cps
Boron	11-1	66541	65332	63406	65093	2.43	cps
Bromine	81-1	67191	63761	65550	65501	2.62	cps
Cadmium	111-1	1114	1251	1071	1145	8.22	cps
Cadmium	106-1	4618	4909	4934	4820	3.65	cps
Cadmium	108-1	163	175	196	178	9.47	cps
Calcium	43-1	49575	50708	48085	49456	2.66	cps
Calcium	44-1	825710	821741	792852	813434	2.20	cps
Carbon	12-1	24472717	23456535	22090155	23339802	5.12	cps
Carbon	12-2	233333	223982	216063	224460	3.85	cps
Chlorine	35-1	432334	421145	424914	426131	1.34	cps
Chlorine	35-2	3200	2692	3200	3031	9.69	cps
Chromium	52-2	12302	12015	11885	12067	1.77	cps
Cobalt	59-2	12933	12669	11962	12521	4.01	cps
Copper	63-2	21967	21466	21513	21649	1.28	cps
Dysprosium	156-1	21535	20366	19874	20591	4.14	cps
Dysprosium	156-2	7442	7322	7425	7397	0.88	cps
Erbium	164-1	15009	14183	13591	14261	4.99	cps
Erbium	164-2	5538	5531	5475	5515	0.63	cps
Gadolinium	160-1	14859	16002	15593	15484	3.74	cps
Gadolinium	160-2	6808	6772	6682	6754	0.97	cps
Holmium	165-1	9796142	10353102	9862994	10004079	3.04	cps
Holmium	165-2	4625494	4608482	4472475	4568817	1.84	cps
Indium	115-1	8414675	8989723	9042156	8815518	3.95	cps
Indium	115-2	1469319	1457250	1447697	1458089	0.74	cps
Iron	54-2	465898	462428	447222	458516	2.17	cps
Iron	56-2	8479649	8652667	8217138	8449818	2.60	cps
Iron	57-2	209804	207222	202821	206616	1.71	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	447	442	476	455	4.00	cps
Lead	206-1	8070	9549	7614	8411	12.03	cps
Lead	207-1	5885	6852	4823	5854	17.34	cps
Lead	208-1	15891	18141	13354	15795	15.16	cps
Lithium	6-1	5384508	5591497	5426137	5467381	2.00	cps
Magnesium	24-2	312073	310162	300473	307569	2.02	cps
Manganese	55-2	41243	39996	38960	40066	2.85	cps
Molybdenum	94-1	8686	9295	8103	8695	6.86	cps
Molybdenum	95-1	2867	4201	2550	3206	27.33	cps
Molybdenum	96-1	4726	6144	4576	5149	16.81	cps
Molybdenum	97-1	2042	2501	1542	2028	23.64	cps
Molybdenum	98-1	4368	6678	3726	4924	31.54	cps
Neodymium	150-1	34224	33328	32987	33513	1.91	cps
Neodymium	150-2	10401	10204	10297	10301	0.96	cps
Nickel	60-2	4511	4347	4207	4355	3.49	cps
Phosphorus	31-2	1483	1275	1408	1389	7.60	cps
Potassium	39-2	123317	121796	118897	121337	1.85	cps
Rhodium	103-1	7895354	8699246	8184284	8259628	4.93	cps
Rhodium	103-2	3830384	3835337	3797129	3820950	0.54	cps
Scandium	45-1	6497089	7081354	6833753	6804065	4.31	cps
Scandium	45-2	219163	218634	215165	217654	1.00	cps
Selenium	82-1	109	165	180	151	24.84	cps
Selenium	77-2	53	37	37	42	22.78	cps
Selenium	78-2	127	120	119	122	3.57	cps
Silicon	28-1	1239753	1256453	1199809	1232005	2.36	cps
Silver	107-1	7495	10897	2700	7031	58.57	cps
Silver	109-1	7747	9879	2542	6723	56.14	cps
Sodium	23-2	38084	37474	36814	37457	1.70	cps
Strontium	86-1	11638	11939	11171	11583	3.34	cps
Strontium	88-1	91224	98110	92693	94009	3.86	cps
Sulfur	34-1	360393	360459	359022	359958	0.23	cps
Terbium	159-1	10157898	10692099	10664375	10504791	2.86	cps
Terbium	159-2	4699826	4528746	4615810	4614794	1.85	cps
Thallium	203-1	1267	1667	1083	1339	22.28	cps
Thallium	205-1	2725	3859	3001	3195	18.51	cps
Tin	118-1	1892	2259	1617	1922	16.75	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	1574-1577LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-10 14:17:56	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	131441	129047	122606	127698	3.58	cps
Uranium	238-1	17271	18047	15977	17098	6.11	cps
Vanadium	51-2	23743	24140	23583	23822	1.21	cps
Ytterbium	172-1	4726	4534	4101	4454	7.19	cps
Ytterbium	172-2	2111	1984	1839	1978	6.89	cps
Ytterbium	176-1	3909	3834	3976	3906	1.81	cps
Ytterbium	176-2	10165	10121	10449	10245	1.74	cps
Yttrium	89-1	13591699	14397800	14202804	14064101	2.99	cps
Yttrium	89-2	1684547	1627020	1629070	1646879	1.98	cps
Zinc	66-2	3400	3440	3420	3420	0.58	cps
Zirconium	90-1	18121	18196	17320	17879	2.72	cps
Zirconium	91-1	3884	4126	3984	3998	3.04	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1035680	974802	977790	996091	3.45	cps
Antimony	121-1	553466	553170	541651	549429	1.23	cps
Arsenic	75-2	19156	18944	18698	18933	1.21	cps
Barium	135-1	844993	831783	835907	837561	0.81	cps
Barium	137-1	1484862	1477617	1461315	1474598	0.82	cps
Beryllium	9-1	301823	296491	298519	298944	0.90	cps
Bismuth	209-1	6140623	5847943	6064556	6017707	2.52	cps
Bismuth	209-2	3328307	3242385	3276447	3282380	1.32	cps
Boron	10-1	53182	55804	54207	54398	2.43	cps
Boron	11-1	227344	231156	236570	231690	2.00	cps
Bromine	81-1	63459	64072	65764	64431	1.85	cps
Cadmium	111-1	175607	174752	175523	175294	0.27	cps
Cadmium	106-1	25299	25733	25299	25444	0.99	cps
Cadmium	108-1	14783	14449	13619	14284	4.20	cps
Calcium	43-1	509457	504198	504559	506071	0.58	cps
Calcium	44-1	8076947	8281953	7975467	8111456	1.92	cps
Carbon	12-1	17168201	16897305	16405669	16823725	2.30	cps
Carbon	12-2	178239	169379	173376	173665	2.55	cps
Chlorine	35-1	453818	455584	456278	455226	0.28	cps
Chlorine	35-2	3267	3184	2892	3114	6.32	cps
Chromium	52-2	231978	225447	220129	225851	2.63	cps
Cobalt	59-2	387425	371166	371813	376801	2.44	cps
Copper	63-2	2687706	2555269	2603260	2615412	2.56	cps
Dysprosium	156-1	108131	111785	105080	108332	3.10	cps
Dysprosium	156-2	40916	39619	38121	39552	3.54	cps
Erbium	164-1	73195	75726	74434	74451	1.70	cps
Erbium	164-2	30405	29149	29055	29536	2.55	cps
Gadolinium	160-1	85039	80988	80620	82215	2.98	cps
Gadolinium	160-2	37145	37065	36420	36877	1.08	cps
Holmium	165-1	10123043	10424892	9988017	10178651	2.20	cps
Holmium	165-2	4710667	4726497	4606154	4681106	1.40	cps
Indium	115-1	9060731	9038105	9168460	9089098	0.77	cps
Indium	115-2	1470203	1465647	1450361	1462070	0.71	cps
Iron	54-2	2918861	2909977	2821839	2883559	1.86	cps
Iron	56-2	52398604	50448950	50043498	50963684	2.47	cps
Iron	57-2	1287775	1251444	1229012	1256077	2.36	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	622	570	550	581	6.45	cps
Lead	206-1	2255256	2270158	2304170	2276528	1.10	cps
Lead	207-1	2002653	1989539	2032504	2008232	1.10	cps
Lead	208-1	4736847	4631388	4722141	4696792	1.22	cps
Lithium	6-1	5369494	5658261	5709030	5578928	3.28	cps
Magnesium	24-2	3313400	3126034	3143970	3194468	3.24	cps
Manganese	55-2	1181219	1151990	1138302	1157170	1.89	cps
Molybdenum	94-1	1242204	1237352	1211186	1230247	1.36	cps
Molybdenum	95-1	1374647	1354765	1305718	1345043	2.64	cps
Molybdenum	96-1	1552009	1531210	1478676	1520632	2.49	cps
Molybdenum	97-1	845361	844468	822525	837452	1.54	cps
Molybdenum	98-1	2181453	2145342	2096074	2140956	2.00	cps
Neodymium	150-1	177301	172757	171943	174000	1.66	cps
Neodymium	150-2	55511	53834	52998	54114	2.37	cps
Nickel	60-2	108245	102547	101707	104167	3.41	cps
Phosphorus	31-2	7561	7594	7310	7488	2.07	cps
Potassium	39-2	1046178	1003237	1010698	1020037	2.25	cps
Rhodium	103-1	8342434	8448911	8405505	8398950	0.64	cps
Rhodium	103-2	3871568	3878009	3795588	3848388	1.19	cps
Scandium	45-1	7059937	7053158	6994760	7035951	0.51	cps
Scandium	45-2	226669	217959	219356	221328	2.11	cps
Selenium	82-1	15781	15662	15979	15808	1.01	cps
Selenium	77-2	740	620	677	679	8.84	cps
Selenium	78-2	1887	1755	1845	1829	3.69	cps
Silicon	28-1	6830748	6950610	7165589	6982316	2.43	cps
Silver	107-1	949016	928126	917930	931691	1.70	cps
Silver	109-1	890143	885032	872535	882570	1.03	cps
Sodium	23-2	3177250	3041056	3138223	3118843	2.25	cps
Strontium	86-1	280272	280957	277829	279686	0.59	cps
Strontium	88-1	2469739	2532240	2457840	2486606	1.61	cps
Sulfur	34-1	509175	506638	505301	507038	0.39	cps
Terbium	159-1	11001403	11084032	10669307	10918247	2.01	cps
Terbium	159-2	4749973	4725173	4708768	4727971	0.44	cps
Thallium	203-1	532833	536521	526353	531902	0.97	cps
Thallium	205-1	1247350	1268593	1286363	1267436	1.54	cps
Tin	118-1	531525	524008	527620	527718	0.71	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:21:06	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1191299	1210830	1209637	1203922	0.91	cps
Uranium	238-1	1714163	1742021	1713579	1723254	0.94	cps
Vanadium	51-2	273033	262472	258976	264827	2.76	cps
Ytterbium	172-1	22837	22353	21927	22372	2.03	cps
Ytterbium	172-2	10838	10354	10026	10406	3.92	cps
Ytterbium	176-1	17445	16736	16035	16739	4.21	cps
Ytterbium	176-2	16527	16038	16371	16312	1.53	cps
Yttrium	89-1	15921156	15842111	15638448	15800572	0.92	cps
Yttrium	89-2	1771627	1774689	1778849	1775055	0.20	cps
Zinc	66-2	330227	315066	315504	320266	2.69	cps
Zirconium	90-1	1287620	1265024	1262137	1271594	1.10	cps
Zirconium	91-1	280535	281717	277321	279858	0.81	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058032	1022862	1011646	1030846	2.35	cps
Antimony	121-1	556076	552792	552811	553893	0.34	cps
Arsenic	75-2	19863	19389	19192	19481	1.77	cps
Barium	135-1	847621	848753	826496	840957	1.49	cps
Barium	137-1	1451803	1488012	1482484	1474100	1.32	cps
Beryllium	9-1	304218	303163	305091	304158	0.32	cps
Bismuth	209-1	5713222	5997459	5993237	5901306	2.76	cps
Bismuth	209-2	3241203	3250014	3235782	3242333	0.22	cps
Boron	10-1	53454	54949	55947	54784	2.29	cps
Boron	11-1	225991	236575	239685	234084	3.07	cps
Bromine	81-1	62746	62212	65018	63325	2.35	cps
Cadmium	111-1	176507	175280	173303	175030	0.92	cps
Cadmium	106-1	24481	24890	25424	24931	1.90	cps
Cadmium	108-1	14283	14353	14383	14340	0.36	cps
Calcium	43-1	516192	510544	510851	512529	0.62	cps
Calcium	44-1	8466213	8318717	8181177	8322036	1.71	cps
Carbon	12-1	13911357	13814307	13705983	13810549	0.74	cps
Carbon	12-2	148253	145575	143093	145640	1.77	cps
Chlorine	35-1	443366	438868	444110	442115	0.64	cps
Chlorine	35-2	2967	3059	3217	3081	4.11	cps
Chromium	52-2	235509	232440	228109	232019	1.60	cps
Cobalt	59-2	395133	383770	385337	388080	1.59	cps
Copper	63-2	2714985	2682701	2693040	2696909	0.61	cps
Dysprosium	156-1	105205	108852	107205	107087	1.71	cps
Dysprosium	156-2	40729	39572	40525	40275	1.53	cps
Erbium	164-1	74518	72130	73547	73398	1.64	cps
Erbium	164-2	31120	29800	30181	30367	2.24	cps
Gadolinium	160-1	80888	80124	81752	80921	1.01	cps
Gadolinium	160-2	38111	36878	37169	37386	1.72	cps
Holmium	165-1	9616819	9983260	9990242	9863441	2.17	cps
Holmium	165-2	4591709	4678803	4675404	4648639	1.06	cps
Indium	115-1	8358967	8698331	8774387	8610561	2.57	cps
Indium	115-2	1486478	1473242	1427019	1462247	2.13	cps
Iron	54-2	2995281	2872487	2915467	2927745	2.13	cps
Iron	56-2	54836090	51989678	51398912	52741560	3.48	cps
Iron	57-2	1312651	1262796	1254773	1276740	2.46	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	571	511	552	6.35	cps
Lead	206-1	2297725	2345569	2248854	2297383	2.10	cps
Lead	207-1	2063361	1965202	2013884	2014149	2.44	cps
Lead	208-1	4713860	4620668	4768579	4701036	1.59	cps
Lithium	6-1	5213973	5575200	5540436	5443203	3.66	cps
Magnesium	24-2	3357982	3280616	3277578	3305392	1.38	cps
Manganese	55-2	1232570	1179623	1191316	1201170	2.32	cps
Molybdenum	94-1	1271596	1259263	1229411	1253424	1.73	cps
Molybdenum	95-1	1369490	1389096	1330514	1363033	2.19	cps
Molybdenum	96-1	1596672	1576515	1520479	1564555	2.52	cps
Molybdenum	97-1	842732	843173	832059	839321	0.75	cps
Molybdenum	98-1	2148120	2172210	2152002	2157444	0.60	cps
Neodymium	150-1	176130	173133	170692	173318	1.57	cps
Neodymium	150-2	56465	53536	55659	55220	2.74	cps
Nickel	60-2	110459	107197	106320	107992	2.02	cps
Phosphorus	31-2	7644	7927	7335	7636	3.88	cps
Potassium	39-2	1073585	1015155	1029578	1039439	2.93	cps
Rhodium	103-1	7789818	8445659	8107640	8114372	4.04	cps
Rhodium	103-2	3880652	3848062	3786382	3838365	1.25	cps
Scandium	45-1	6541439	7112034	6912895	6855456	4.22	cps
Scandium	45-2	226239	221169	218518	221975	1.77	cps
Selenium	82-1	16088	15894	15889	15957	0.71	cps
Selenium	77-2	687	727	737	717	3.69	cps
Selenium	78-2	1946	1797	1826	1857	4.26	cps
Silicon	28-1	6977962	7120991	7010237	7036397	1.07	cps
Silver	107-1	968122	940266	949193	952527	1.49	cps
Silver	109-1	896439	897516	899086	897680	0.15	cps
Sodium	23-2	3243070	3139638	3150658	3177789	1.79	cps
Strontium	86-1	280707	281392	281561	281220	0.16	cps
Strontium	88-1	2422752	2449886	2436524	2436387	0.56	cps
Sulfur	34-1	500372	507070	503665	503703	0.66	cps
Terbium	159-1	9986928	10730594	10747421	10488314	4.14	cps
Terbium	159-2	4607288	4612270	4629879	4616479	0.26	cps
Thallium	203-1	551959	530781	534967	539236	2.08	cps
Thallium	205-1	1286396	1289709	1273391	1283165	0.67	cps
Tin	118-1	535544	524412	530555	530170	1.05	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:24:06	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1221452	1212335	1215837	1216541	0.38	cps
Uranium	238-1	1804543	1788964	1745225	1779577	1.73	cps
Vanadium	51-2	278622	268698	263775	270365	2.80	cps
Ytterbium	172-1	21410	21902	21493	21602	1.22	cps
Ytterbium	172-2	10960	10627	10994	10860	1.87	cps
Ytterbium	176-1	15902	16469	16769	16380	2.69	cps
Ytterbium	176-2	16605	16939	16772	16772	0.99	cps
Yttrium	89-1	14763697	15461133	15348389	15191073	2.46	cps
Yttrium	89-2	1824514	1791833	1741638	1785995	2.34	cps
Zinc	66-2	339028	327711	326858	331199	2.05	cps
Zirconium	90-1	1308890	1285170	1273042	1289034	1.41	cps
Zirconium	91-1	292232	283120	279416	284923	2.31	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1020073	986992	975319	994128	2.34	cps
Antimony	121-1	549571	556478	541318	549122	1.38	cps
Arsenic	75-2	19467	18896	18774	19046	1.94	cps
Barium	135-1	827469	824575	800936	817660	1.78	cps
Barium	137-1	1434767	1422651	1410424	1422614	0.86	cps
Beryllium	9-1	301492	299150	296501	299048	0.83	cps
Bismuth	209-1	6159308	6140584	5902218	6067370	2.36	cps
Bismuth	209-2	3217214	3153014	3164447	3178225	1.08	cps
Boron	10-1	52621	54076	54594	53764	1.90	cps
Boron	11-1	223589	230369	226518	226825	1.50	cps
Bromine	81-1	62696	63487	62071	62751	1.13	cps
Cadmium	111-1	174902	172974	170197	172691	1.37	cps
Cadmium	106-1	24681	25432	24698	24937	1.72	cps
Cadmium	108-1	14466	13970	13757	14064	2.59	cps
Calcium	43-1	511187	508544	505465	508398	0.56	cps
Calcium	44-1	8523144	8197804	8189385	8303444	2.29	cps
Carbon	12-1	11960155	11972454	11924934	11952514	0.21	cps
Carbon	12-2	126763	124357	125971	125697	0.98	cps
Chlorine	35-1	433814	439243	432203	435087	0.85	cps
Chlorine	35-2	3075	3034	3192	3100	2.65	cps
Chromium	52-2	232386	227491	219476	226451	2.88	cps
Cobalt	59-2	389278	370066	372708	377351	2.76	cps
Copper	63-2	2597335	2531517	2495115	2541322	2.04	cps
Dysprosium	156-1	106357	105264	104777	105466	0.77	cps
Dysprosium	156-2	39191	39652	38649	39164	1.28	cps
Erbium	164-1	73420	72474	72172	72688	0.90	cps
Erbium	164-2	30712	29326	29015	29684	3.04	cps
Gadolinium	160-1	81055	81248	81584	81296	0.33	cps
Gadolinium	160-2	37513	36172	35608	36431	2.69	cps
Holmium	165-1	9931637	10420117	10150048	10167268	2.41	cps
Holmium	165-2	4682220	4578244	4564094	4608186	1.40	cps
Indium	115-1	9042928	8771249	8935272	8916483	1.53	cps
Indium	115-2	1460965	1425904	1422973	1436614	1.47	cps
Iron	54-2	2971334	2840103	2785598	2865678	3.33	cps
Iron	56-2	53228641	51012114	50402811	51547855	2.88	cps
Iron	57-2	1275478	1238421	1231615	1248505	1.89	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	561	600	571	577	3.48	cps
Lead	206-1	2248127	2335604	2209345	2264359	2.86	cps
Lead	207-1	1983565	2023925	1907314	1971601	3.00	cps
Lead	208-1	4464302	4616406	4412615	4497774	2.36	cps
Lithium	6-1	5732985	5599719	5577141	5636615	1.49	cps
Magnesium	24-2	3218901	3184711	3169938	3191183	0.79	cps
Manganese	55-2	1192255	1151490	1134055	1159266	2.58	cps
Molybdenum	94-1	1206378	1204357	1204706	1205147	0.09	cps
Molybdenum	95-1	1320870	1329151	1320368	1323463	0.37	cps
Molybdenum	96-1	1504306	1507314	1524735	1512118	0.73	cps
Molybdenum	97-1	828785	828761	826841	828129	0.13	cps
Molybdenum	98-1	2126840	2129008	2132639	2129496	0.14	cps
Neodymium	150-1	170192	170259	168984	169812	0.42	cps
Neodymium	150-2	54477	52229	52081	52929	2.54	cps
Nickel	60-2	106926	103178	101171	103758	2.82	cps
Phosphorus	31-2	8102	7502	7244	7616	5.79	cps
Potassium	39-2	1032634	1024830	1007418	1021627	1.26	cps
Rhodium	103-1	8354946	8568122	8446241	8456436	1.26	cps
Rhodium	103-2	3851352	3786697	3713255	3783768	1.83	cps
Scandium	45-1	7201337	7018436	7089592	7103122	1.30	cps
Scandium	45-2	223076	219571	222197	221615	0.82	cps
Selenium	82-1	15710	15582	16033	15775	1.47	cps
Selenium	77-2	660	757	603	673	11.52	cps
Selenium	78-2	1866	1816	1699	1794	4.78	cps
Silicon	28-1	7228031	7382265	7264201	7291499	1.11	cps
Silver	107-1	948196	963016	925671	945628	1.99	cps
Silver	109-1	925038	909305	884027	906123	2.28	cps
Sodium	23-2	3086953	3064522	3029489	3060321	0.95	cps
Strontium	86-1	277095	277612	273830	276179	0.74	cps
Strontium	88-1	2453068	2392347	2404854	2416756	1.33	cps
Sulfur	34-1	503384	502756	506719	504287	0.42	cps
Terbium	159-1	10591935	10637756	10783704	10671132	0.94	cps
Terbium	159-2	4570936	4608145	4594514	4591199	0.41	cps
Thallium	203-1	537907	528928	515192	527342	2.17	cps
Thallium	205-1	1225633	1310461	1229632	1255242	3.81	cps
Tin	118-1	528941	518468	522751	523386	1.01	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	O1428-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	1574-1577ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-10 14:27:08	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1206508	1197703	1193183	1199131	0.57	cps
Uranium	238-1	1710248	1762027	1772024	1748100	1.90	cps
Vanadium	51-2	272910	270378	257731	267006	3.05	cps
Ytterbium	172-1	21251	22219	21860	21777	2.25	cps
Ytterbium	172-2	10666	9915	10054	10212	3.91	cps
Ytterbium	176-1	16544	16436	15977	16319	1.85	cps
Ytterbium	176-2	16043	16321	16077	16147	0.94	cps
Yttrium	89-1	15647740	15522398	15535983	15568707	0.44	cps
Yttrium	89-2	1803368	1749474	1739190	1764011	1.95	cps
Zinc	66-2	324677	315058	311647	317128	2.13	cps
Zirconium	90-1	1267320	1237333	1233539	1246064	1.49	cps
Zirconium	91-1	283763	276883	270351	276999	2.42	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3404051	3353523	3301140	3352904	1.53	cps
Antimony	121-1	2886306	2966968	2858934	2904070	1.93	cps
Arsenic	75-2	91656	89363	88757	89925	1.70	cps
Barium	135-1	4046693	4033822	3977820	4019445	0.91	cps
Barium	137-1	6792966	6994806	6943830	6910534	1.52	cps
Beryllium	9-1	1470032	1484622	1511217	1488624	1.40	cps
Bismuth	209-1	5358487	5356376	5366735	5360533	0.10	cps
Bismuth	209-2	2937785	2763773	2876227	2859262	3.09	cps
Boron	10-1	602596	602242	632183	612340	2.81	cps
Boron	11-1	2336871	2364158	2447495	2382842	2.42	cps
Bromine	81-1	63450	58824	59326	60533	4.19	cps
Cadmium	111-1	845406	846558	842523	844829	0.25	cps
Cadmium	106-1	108064	107030	105470	106854	1.22	cps
Cadmium	108-1	72188	71074	70990	71417	0.94	cps
Calcium	43-1	6590655	6528420	6454118	6524398	1.05	cps
Calcium	44-1	107419030	105919335	104754251	106030872	1.26	cps
Carbon	12-1	9238263	9478338	9597221	9437941	1.94	cps
Carbon	12-2	109078	106375	106552	107335	1.41	cps
Chlorine	35-1	382047	383519	375090	380219	1.18	cps
Chlorine	35-2	3000	2684	2475	2720	9.72	cps
Chromium	52-2	954159	925327	915476	931654	2.16	cps
Cobalt	59-2	1709248	1635278	1673900	1672808	2.21	cps
Copper	63-2	13530688	13413316	13020854	13321619	2.00	cps
Dysprosium	156-1	867	875	967	903	6.15	cps
Dysprosium	156-2	393	353	363	370	5.63	cps
Erbium	164-1	100	125	92	106	16.44	cps
Erbium	164-2	83	63	77	74	13.68	cps
Gadolinium	160-1	783	850	775	803	5.12	cps
Gadolinium	160-2	457	503	430	463	8.01	cps
Holmium	165-1	9532512	9684250	9947699	9721487	2.16	cps
Holmium	165-2	4497892	4567973	4451639	4505835	1.30	cps
Indium	115-1	8150824	8386986	8157018	8231609	1.64	cps
Indium	115-2	1359866	1355104	1342170	1352380	0.68	cps
Iron	54-2	11116826	10705943	10696819	10839863	2.21	cps
Iron	56-2	205202938	193773149	193236865	197404317	3.42	cps
Iron	57-2	5009203	4860616	4840476	4903431	1.88	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	439	446	477	454	4.53	cps
Lead	206-1	11978857	11905849	11829681	11904796	0.63	cps
Lead	207-1	10757530	10655949	10497349	10636943	1.23	cps
Lead	208-1	24921954	24961042	24650735	24844577	0.68	cps
Lithium	6-1	5339561	5299047	5308291	5315633	0.40	cps
Magnesium	24-2	43986153	44065579	41813858	43288530	2.95	cps
Manganese	55-2	5422719	5232786	5196701	5284069	2.30	cps
Molybdenum	94-1	12728950	12872004	12536511	12712489	1.32	cps
Molybdenum	95-1	17969575	18286954	18292802	18183110	1.02	cps
Molybdenum	96-1	19461294	20042964	19687288	19730515	1.49	cps
Molybdenum	97-1	11102178	11277168	11064948	11148098	1.02	cps
Molybdenum	98-1	29232200	28939873	28891545	29021206	0.64	cps
Neodymium	150-1	593	600	547	580	5.01	cps
Neodymium	150-2	63	17	43	41	56.94	cps
Nickel	60-2	455671	448301	439678	447884	1.79	cps
Phosphorus	31-2	38761	39036	37858	38552	1.60	cps
Potassium	39-2	16167857	15218835	15437626	15608106	3.18	cps
Rhodium	103-1	7459690	7443275	7531935	7478300	0.63	cps
Rhodium	103-2	3472241	3404138	3409774	3428718	1.10	cps
Scandium	45-1	6732521	6698136	6550799	6660485	1.45	cps
Scandium	45-2	213498	212448	214972	213639	0.59	cps
Selenium	82-1	77578	76952	76875	77135	0.50	cps
Selenium	77-2	2517	2240	2517	2425	6.59	cps
Selenium	78-2	8167	8199	8109	8159	0.56	cps
Silicon	28-1	47166914	48066147	46680870	47304643	1.49	cps
Silver	107-1	4659745	4552279	4633751	4615258	1.21	cps
Silver	109-1	4399875	4438861	4406564	4415100	0.47	cps
Sodium	23-2	81267814	79653018	77427137	79449323	2.43	cps
Strontium	86-1	29722214	30624432	30978803	30441816	2.13	cps
Strontium	88-1	262253748	274813498	269943506	269003584	2.35	cps
Sulfur	34-1	880276	881069	871915	877753	0.58	cps
Terbium	159-1	10051660	10471083	10237536	10253426	2.05	cps
Terbium	159-2	4595390	4542451	4464110	4533983	1.46	cps
Thallium	203-1	2863328	2959307	2954341	2925659	1.85	cps
Thallium	205-1	6922710	6713435	6704545	6780230	1.82	cps
Tin	118-1	2840998	2802913	2866027	2836646	1.12	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:33:31	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5949412	5934743	6013343	5965833	0.70	cps
Uranium	238-1	9270332	9061262	9050561	9127385	1.36	cps
Vanadium	51-2	783050	763018	762120	769396	1.54	cps
Ytterbium	172-1	333	308	367	336	8.71	cps
Ytterbium	172-2	239	167	156	187	24.19	cps
Ytterbium	176-1	14016	14133	14300	14150	1.01	cps
Ytterbium	176-2	14069	14697	14492	14419	2.22	cps
Yttrium	89-1	13615218	14105273	13667964	13796152	1.95	cps
Yttrium	89-2	1625202	1588172	1610311	1607895	1.16	cps
Zinc	66-2	1615449	1629437	1535586	1593490	3.18	cps
Zirconium	90-1	6605595	6738045	6587747	6643796	1.24	cps
Zirconium	91-1	1479976	1530684	1503938	1504866	1.69	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	106	101	100	7.67	cps
Antimony	121-1	400	392	675	489	32.98	cps
Arsenic	75-2	3	1	3	2	49.49	cps
Barium	135-1	67	42	100	69	42.14	cps
Barium	137-1	125	117	100	114	11.18	cps
Beryllium	9-1	196	239	207	214	10.28	cps
Bismuth	209-1	5788058	6035982	6127392	5983810	2.93	cps
Bismuth	209-2	3155635	3368479	3248082	3257399	3.28	cps
Boron	10-1	8833	8705	8309	8616	3.17	cps
Boron	11-1	36205	36757	35947	36303	1.14	cps
Bromine	81-1	61800	66537	61277	63205	4.58	cps
Cadmium	111-1	766	795	816	792	3.14	cps
Cadmium	106-1	3692	4059	4101	3951	5.69	cps
Cadmium	108-1	50	54	54	53	4.56	cps
Calcium	43-1	234	186	205	208	11.48	cps
Calcium	44-1	10013	9955	10157	10042	1.03	cps
Carbon	12-1	6604497	6695960	6528043	6609500	1.27	cps
Carbon	12-2	74891	72228	73853	73657	1.82	cps
Chlorine	35-1	346688	347416	347554	347220	0.13	cps
Chlorine	35-2	2600	2117	2467	2395	10.43	cps
Chromium	52-2	653	630	503	596	13.55	cps
Cobalt	59-2	53	40	47	47	14.28	cps
Copper	63-2	857	800	817	824	3.53	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	100	92	78	40.56	cps
Erbium	164-2	33	20	20	24	31.49	cps
Gadolinium	160-1	67	25	42	44	47.19	cps
Gadolinium	160-2	113	123	117	118	4.32	cps
Holmium	165-1	9338882	9954844	9874154	9722627	3.44	cps
Holmium	165-2	4516290	4823029	4424837	4588052	4.55	cps
Indium	115-1	8127836	8922089	8848795	8632907	5.08	cps
Indium	115-2	1437118	1506916	1506380	1483471	2.71	cps
Iron	54-2	800	717	733	750	5.88	cps
Iron	56-2	6357	5868	6263	6163	4.21	cps
Iron	57-2	194	211	244	217	11.75	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	424	417	434	425	1.93	cps
Lead	206-1	883	733	883	833	10.39	cps
Lead	207-1	650	689	672	670	2.91	cps
Lead	208-1	1683	1595	1306	1528	12.93	cps
Lithium	6-1	5211250	5568950	5613460	5464553	4.03	cps
Magnesium	24-2	533	483	475	497	6.34	cps
Manganese	55-2	117	137	117	123	9.36	cps
Molybdenum	94-1	458	525	358	447	18.76	cps
Molybdenum	95-1	558	367	267	397	37.31	cps
Molybdenum	96-1	467	558	442	489	12.56	cps
Molybdenum	97-1	158	275	108	181	47.37	cps
Molybdenum	98-1	667	567	575	603	9.21	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	20	0	0	7	173.21	cps
Nickel	60-2	33	27	57	39	40.51	cps
Phosphorus	31-2	75	83	58	72	17.63	cps
Potassium	39-2	20131	20874	20649	20551	1.85	cps
Rhodium	103-1	7859855	8555131	8357632	8257540	4.34	cps
Rhodium	103-2	3800157	4003784	3713325	3839089	3.88	cps
Scandium	45-1	6442452	6774555	6759285	6658764	2.82	cps
Scandium	45-2	214534	227009	219789	220444	2.84	cps
Selenium	82-1	34	36	-5	22	106.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	71	63	74	17.91	cps
Silicon	28-1	709410	707104	709574	708696	0.19	cps
Silver	107-1	1817	1692	1642	1717	5.25	cps
Silver	109-1	1533	1809	1800	1714	9.13	cps
Sodium	23-2	15275	15392	15450	15372	0.58	cps
Strontium	86-1	883	900	958	914	4.31	cps
Strontium	88-1	1909	1675	1492	1692	12.35	cps
Sulfur	34-1	346684	344844	345994	345841	0.27	cps
Terbium	159-1	10010373	10157409	10535997	10234593	2.65	cps
Terbium	159-2	4576575	4768313	4605335	4650074	2.22	cps
Thallium	203-1	325	317	292	311	5.58	cps
Thallium	205-1	650	725	658	678	6.06	cps
Tin	118-1	658	633	675	656	3.20	cps

LB Number :	LB124028	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired :	2023-02-10 14:44:45	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	350	292	303	14.12	cps
Uranium	238-1	158	50	67	92	63.64	cps
Vanadium	51-2	13	20	10	14	35.26	cps
Ytterbium	172-1	42	75	75	64	30.12	cps
Ytterbium	172-2	22	22	33	26	24.74	cps
Ytterbium	176-1	1175	1017	1350	1181	14.12	cps
Ytterbium	176-2	8597	9509	8853	8987	5.23	cps
Yttrium	89-1	13060871	13818553	13713950	13531125	3.03	cps
Yttrium	89-2	1606599	1658685	1597519	1620934	2.04	cps
Zinc	66-2	227	263	253	248	7.65	cps
Zirconium	90-1	733	617	567	639	13.39	cps
Zirconium	91-1	158	75	100	111	38.49	cps